

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045571.D
 Acq On : 05 Nov 2021 20:01
 Operator : SY/MD
 Sample : VU1105WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBSD01

Quant Time: Nov 06 21:25:28 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	125941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	227735	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	223526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	112786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	102076	54.120	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.240%			
35) Dibromofluoromethane	5.292	113	77356	50.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	7.899	98	292589	51.751	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.500%			
62) 4-Bromofluorobenzene	10.632	95	113466	50.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	33850	20.730	ug/l	98
3) Chloromethane	1.523	50	37950	20.312	ug/l	97
4) Vinyl Chloride	1.607	62	38553	21.183	ug/l	98
5) Bromomethane	1.851	94	23339	22.991	ug/l	97
6) Chloroethane	1.935	64	23519	19.802	ug/l	96
7) Trichlorofluoromethane	2.141	101	49622	20.619	ug/l	99
8) Diethyl Ether	2.379	74	20368	21.380	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	28631	20.374	ug/l	97
10) Methyl Iodide	2.726	142	35417	19.259	ug/l	92
11) Tert butyl alcohol	3.176	59	42424	113.639	ug/l	100
12) 1,1-Dichloroethene	2.581	96	27448	19.810	ug/l	98
13) Acrolein	2.485	56	7943	146.823	ug/l	99
14) Allyl chloride	2.925	41	51173	20.684	ug/l	98
15) Acrylonitrile	3.314	53	108245	108.600	ug/l	98
16) Acetone	2.626	43	87553	91.189	ug/l	96
17) Carbon Disulfide	2.797	76	74626	19.229	ug/l	99
18) Methyl Acetate	2.948	43	71530	21.873	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	107266	21.507	ug/l	98
20) Methylene Chloride	3.047	84	34674	20.784	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	30445	21.121	ug/l	98
22) Diisopropyl ether	3.996	45	105981	21.817	ug/l	96
23) Vinyl Acetate	3.957	43	405898	108.639	ug/l	100
24) 1,1-Dichloroethane	3.874	63	61580	21.273	ug/l	98
25) 2-Butanone	4.700	43	141057	105.926	ug/l	99
26) 2,2-Dichloropropane	4.668	77	45611	19.014	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	35681	21.075	ug/l	99
28) Bromochloromethane	4.977	49	29522	21.391	ug/l	97
29) Tetrahydrofuran	5.051	42	88302	108.406	ug/l	99
30) Chloroform	5.092	83	60766	21.225	ug/l	98
31) Cyclohexane	5.391	56	56889	20.672	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	51095	20.928	ug/l	98
36) 1,1-Dichloropropene	5.530	75	44691	20.126	ug/l	99
37) Ethyl Acetate	4.806	43	53979	21.161	ug/l	99
38) Carbon Tetrachloride	5.530	117	43727	19.532	ug/l	99
39) Methylcyclohexane	6.768	83	52581	19.301	ug/l	97
40) Benzene	5.777	78	131234	19.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	28763	21.337	ug/l	99
42) 1,2-Dichloroethane	5.797	62	49065	20.661	ug/l	100
43) Isopropyl Acetate	5.912	43	80487	20.629	ug/l	100
44) Trichloroethene	6.546	130	31781	20.195	ug/l	98
45) 1,2-Dichloropropane	6.793	63	35540	20.430	ug/l	99
46) Dibromomethane	6.922	93	24865	20.629	ug/l	99
47) Bromodichloromethane	7.108	83	46579	20.367	ug/l	96
48) Methyl methacrylate	6.960	41	37052	20.633	ug/l	98
49) 1,4-Dioxane	6.964	88	20578	445.591	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	273049	106.092	ug/l	100
52) Toluene	7.973	92	83794	20.818	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	51795	19.706	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	57547	20.613	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	34675	20.786	ug/l	98
56) Ethyl methacrylate	8.337	69	54186	19.656	ug/l	99
57) 1,3-Dichloropropane	8.578	76	62731	20.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	146768	95.567	ug/l	100
59) 2-Hexanone	8.684	43	207069	97.212	ug/l	98
60) Dibromochloromethane	8.812	129	35076	20.193	ug/l	99
61) 1,2-Dibromoethane	8.925	107	37003	20.682	ug/l	100
64) Tetrachloroethene	8.555	164	26549	20.694	ug/l	99
65) Chlorobenzene	9.449	112	87325	19.889	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	31276	19.973	ug/l	98
67) Ethyl Benzene	9.571	91	157558	20.038	ug/l	100
68) m/p-Xylenes	9.697	106	120675	40.695	ug/l	99
69) o-Xylene	10.102	106	58698	20.361	ug/l	99
70) Styrene	10.115	104	98679	20.233	ug/l	99
71) Bromoform	10.291	173	25021	18.926	ug/l #	100
73) Isopropylbenzene	10.488	105	155257	21.068	ug/l	100
74) N-amyl acetate	10.320	43	67058	20.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	59540	20.392	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	54627m	15.971	ug/l	
77) Bromobenzene	10.783	156	36541	20.423	ug/l	97
78) n-propylbenzene	10.906	91	189252	20.634	ug/l	99
79) 2-Chlorotoluene	10.989	91	112924	20.839	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	133682	20.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	17617	18.856	ug/l	96
82) 4-Chlorotoluene	11.099	91	131321	20.664	ug/l	99
83) tert-Butylbenzene	11.423	119	127070	20.703	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	135825	21.225	ug/l	100
85) sec-Butylbenzene	11.645	105	166877	20.501	ug/l	100
86) p-Isopropyltoluene	11.796	119	135541	19.926	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	70692	19.582	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	73222	20.054	ug/l	98
89) n-Butylbenzene	12.211	91	128655	19.635	ug/l	99
90) Hexachloroethane	12.478	117	23271	18.964	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	70945	20.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	13675	19.850	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	46364	19.092	ug/l	97
94) Hexachlorobutadiene	14.024	225	19137	18.256	ug/l	98
95) Naphthalene	14.089	128	172850	19.572	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	48762	20.215	ug/l	99

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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

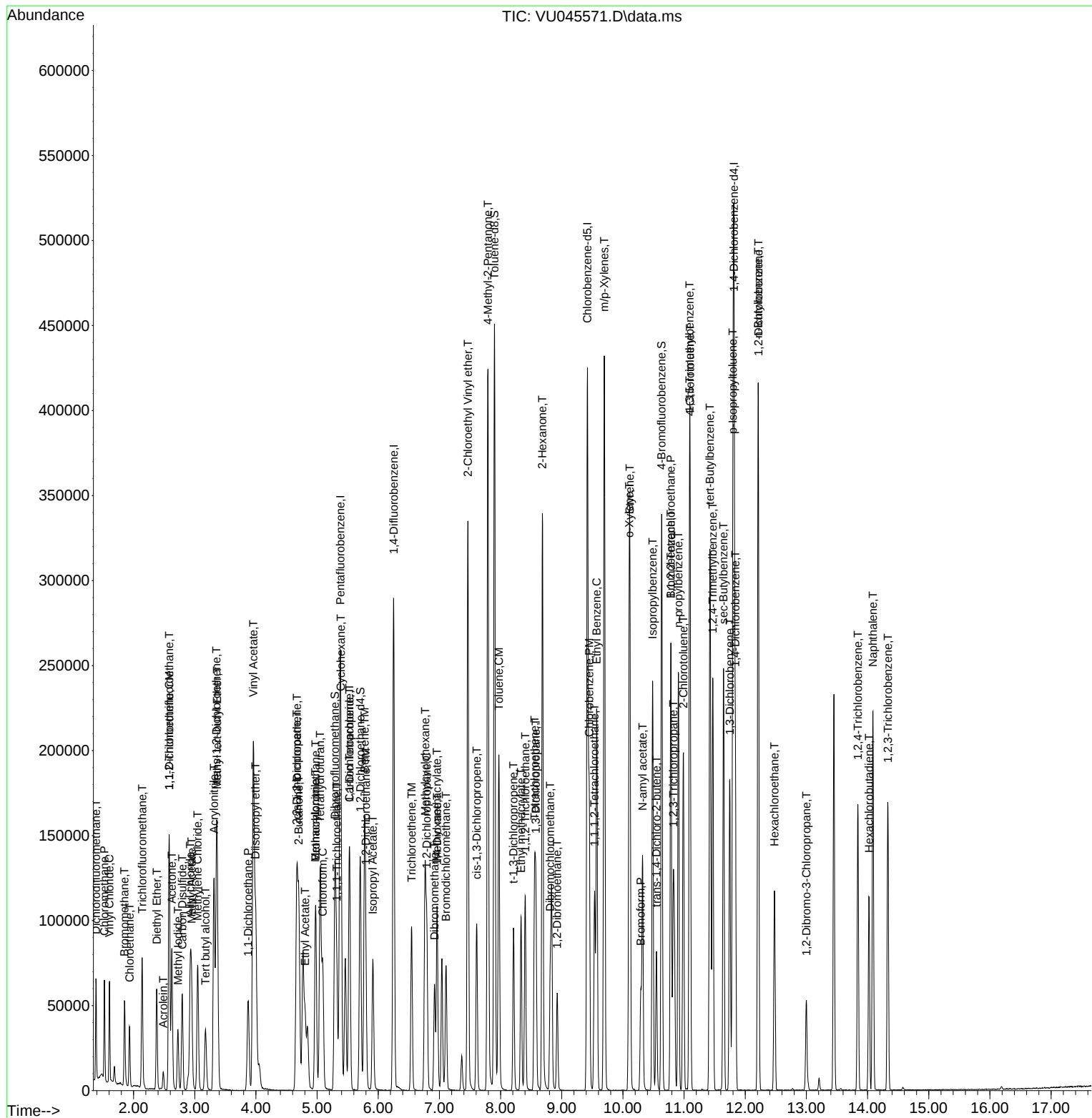
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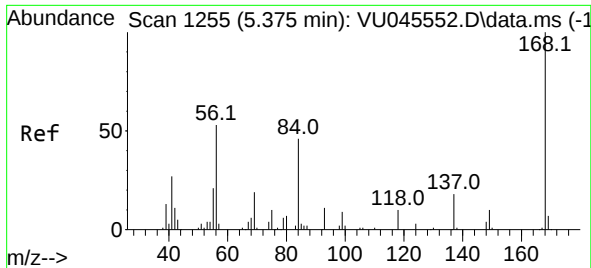
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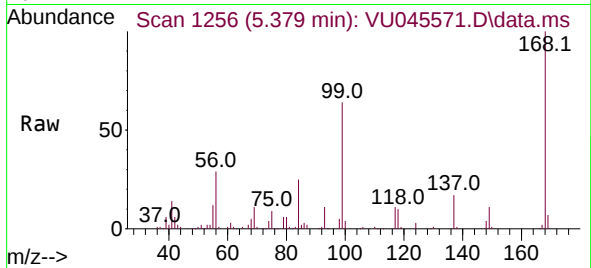
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

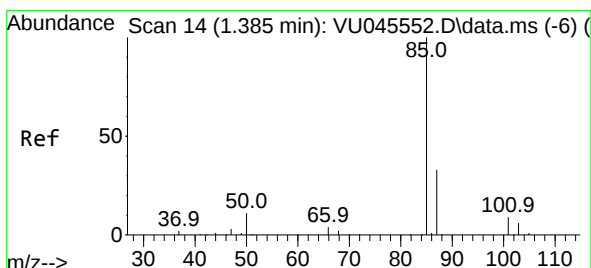
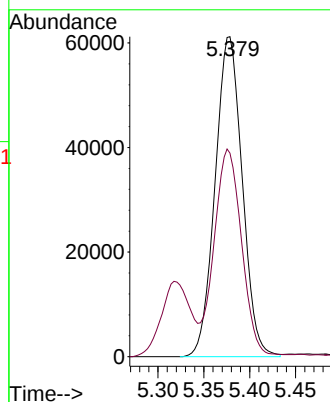
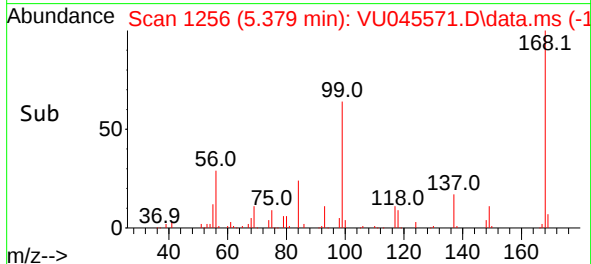
Instrument :
MSVOA_U
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Tgt Ion:168 Resp: 12594
Ion Ratio Lower Upper
168 100
99 62.9 51.0 76.6

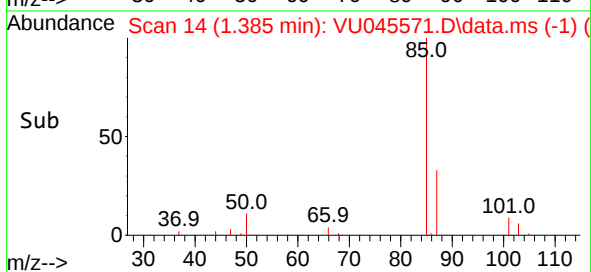
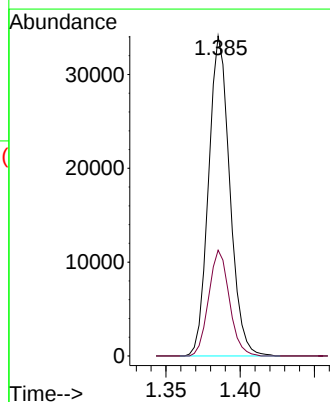
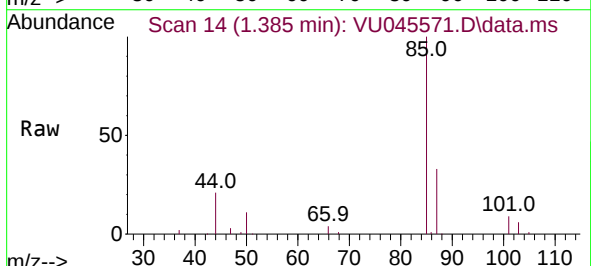
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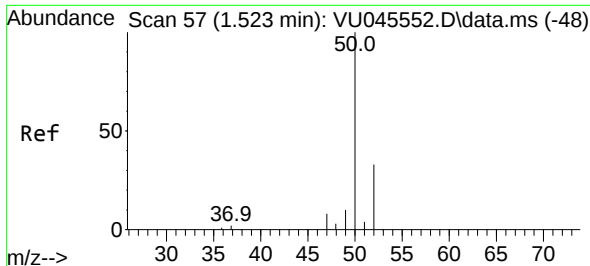
Reviewed By :John Carlone 11/08/2021
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#2
Dichlorodifluoromethane
Concen: 20.730 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion: 85 Resp: 33850
Ion Ratio Lower Upper
85 100
87 33.1 15.9 47.7





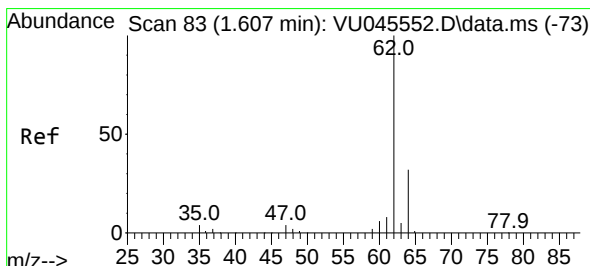
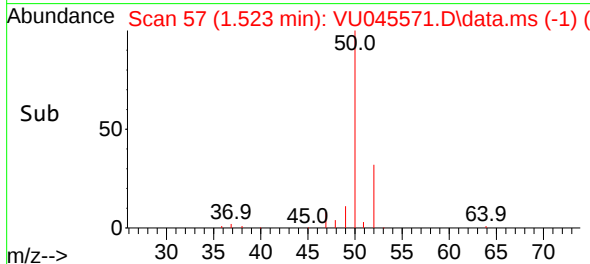
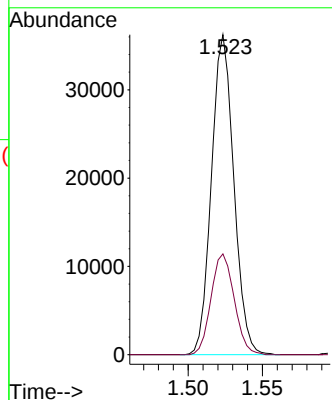
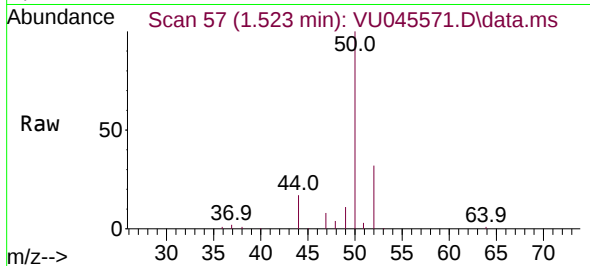
#3
Chloromethane
Concen: 20.312 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
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Tgt Ion: 50 Resp: 37950
Ion Ratio Lower Upper
50 100
52 31.5 26.6 40.0

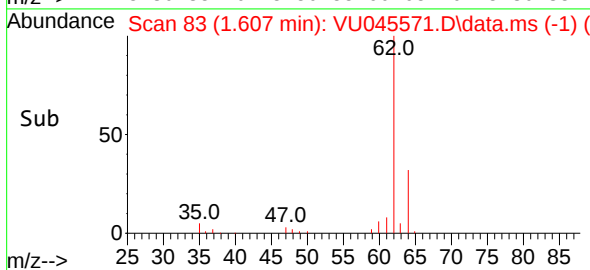
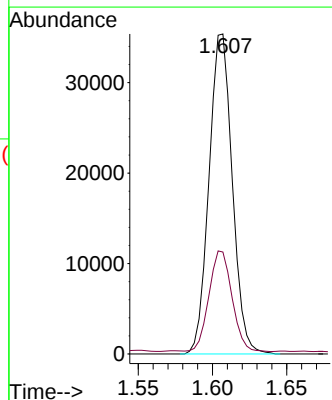
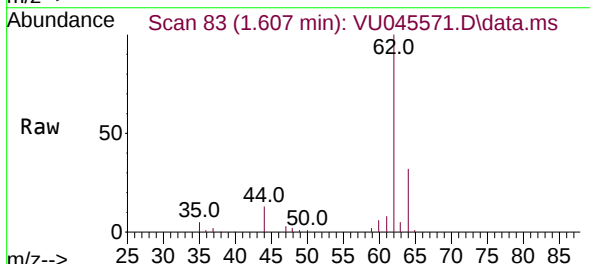
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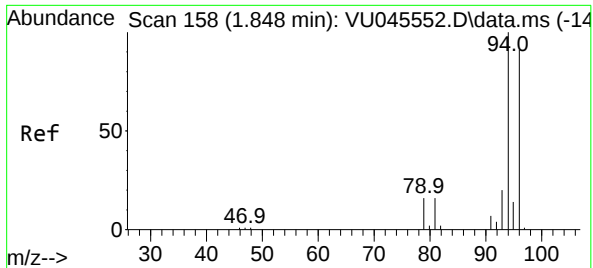
Reviewed By :John Carlone 11/08/2021
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#4
Vinyl Chloride
Concen: 21.183 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

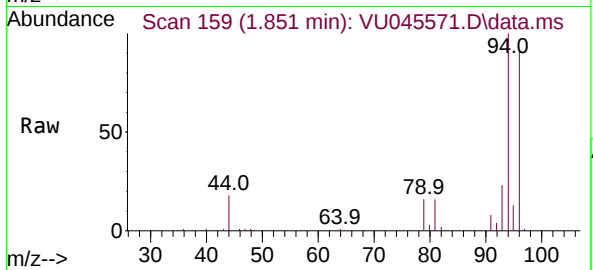
Tgt Ion: 62 Resp: 38553
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 22.991 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

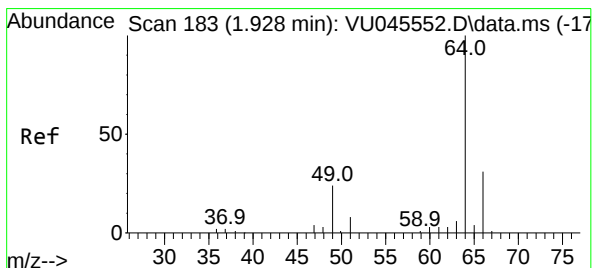
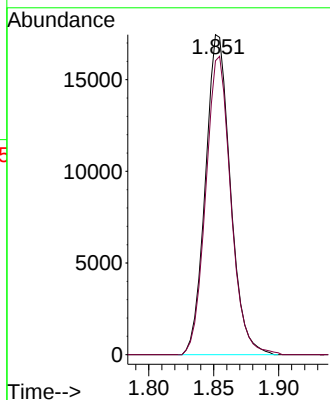
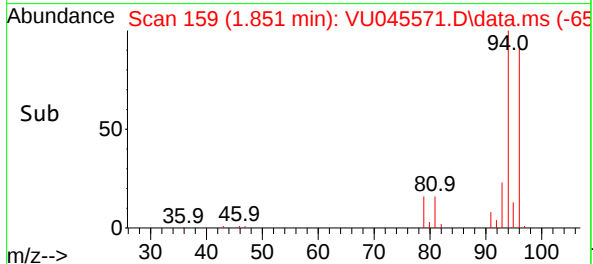
Instrument :
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Tgt Ion: 94 Resp: 23339
Ion Ratio Lower Upper
94 100
96 91.9 75.4 113.2

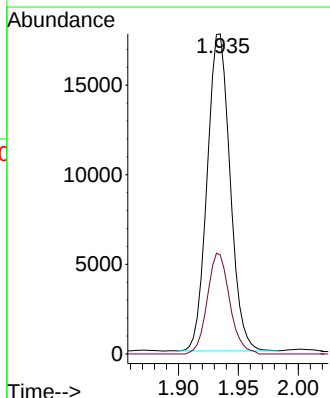
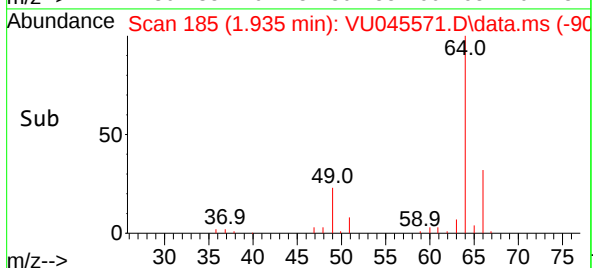
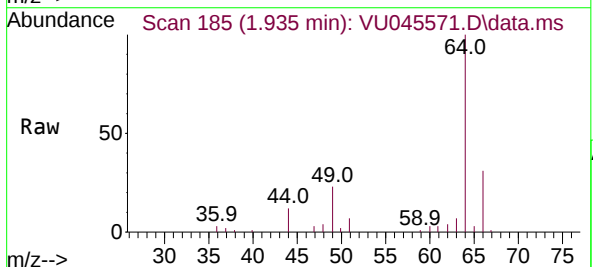
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#6
Chloroethane
Concen: 19.802 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion: 64 Resp: 23519
Ion Ratio Lower Upper
64 100
66 31.3 26.7 40.1





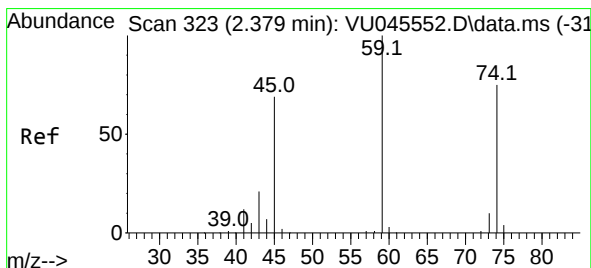
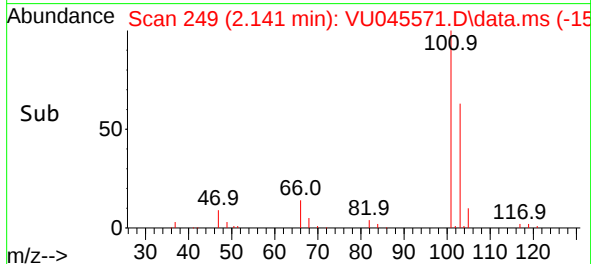
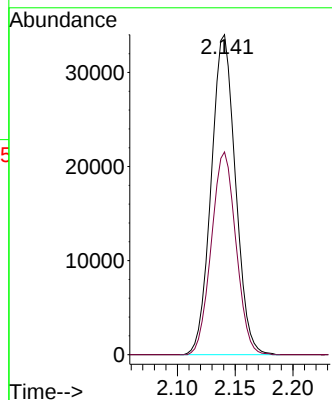
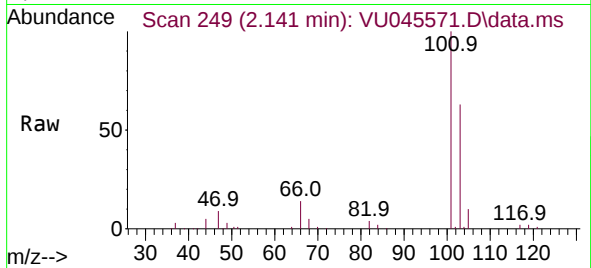
#7
 Trichlorofluoromethane
 Concen: 20.619 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU045571.D
 Acq: 05 Nov 2021 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBSD01

Tgt Ion:101 Resp: 4962
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0

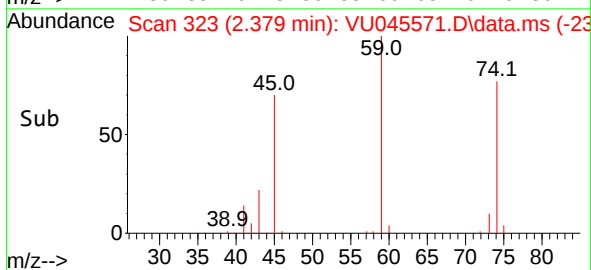
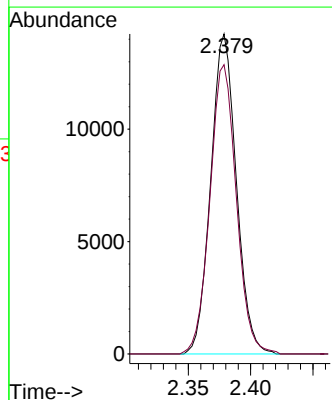
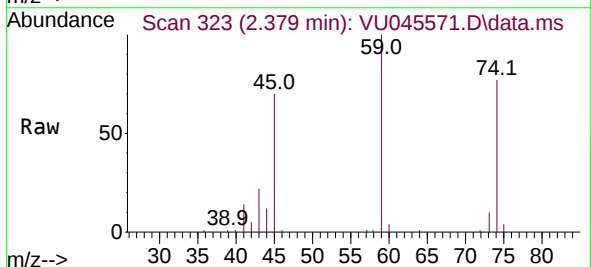
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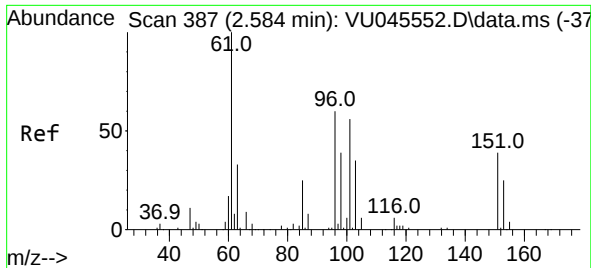
Reviewed By :John Carlone 11/08/2021
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#8
 Diethyl Ether
 Concen: 21.380 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045571.D
 Acq: 05 Nov 2021 20:01

Tgt Ion: 74 Resp: 20368
 Ion Ratio Lower Upper
 74 100
 45 93.3 47.3 141.8





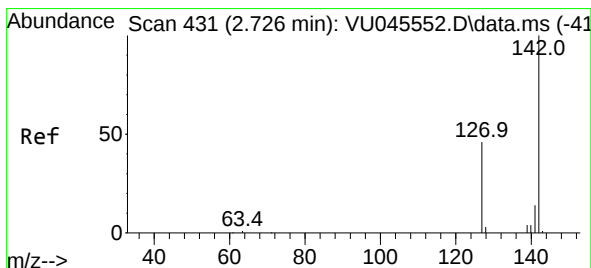
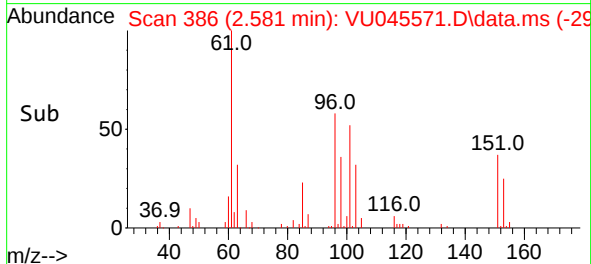
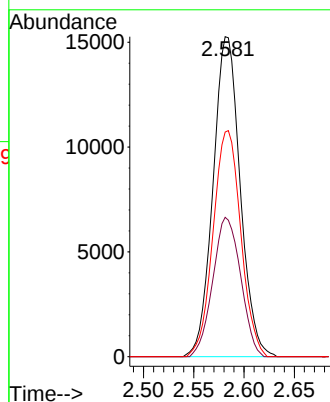
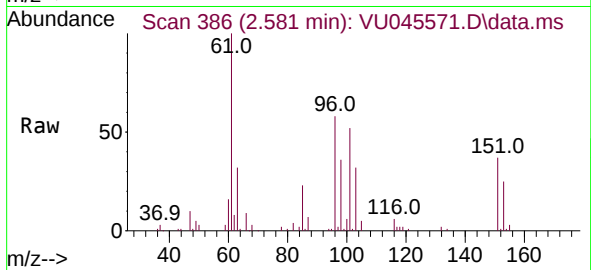
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.374 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion:101 Resp: 2863
Ion Ratio Lower Upper
101 100
85 44.6 35.0 52.4
151 72.1 54.6 82.0

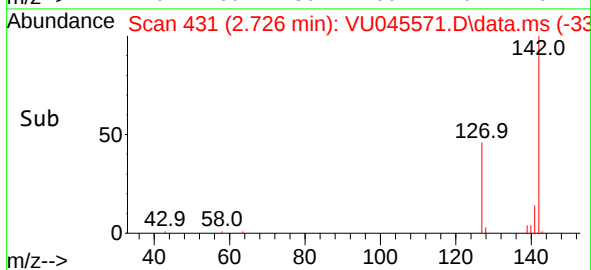
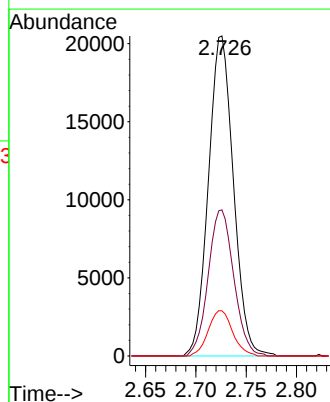
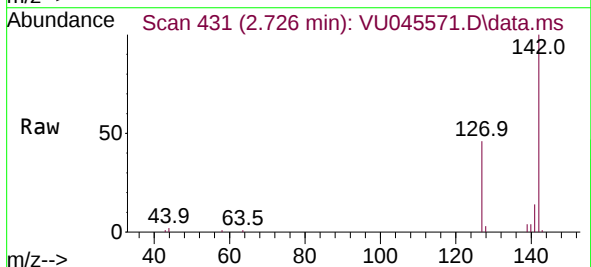
Manual Integrations
APPROVED

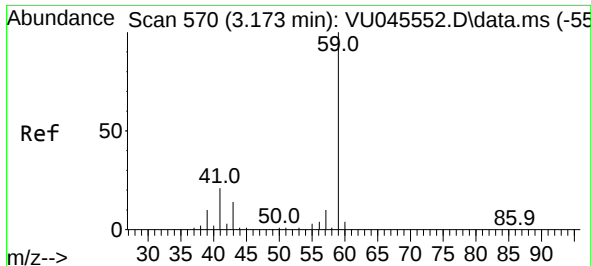
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#10
Methyl Iodide
Concen: 19.259 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion:142 Resp: 35417
Ion Ratio Lower Upper
142 100
127 46.6 32.2 48.2
141 13.8 11.3 16.9





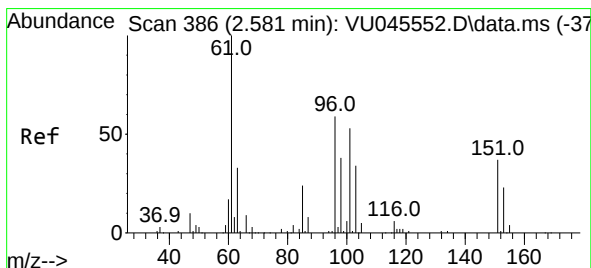
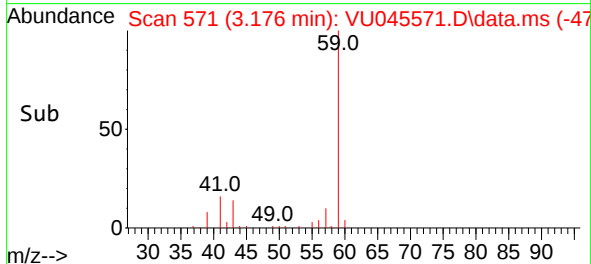
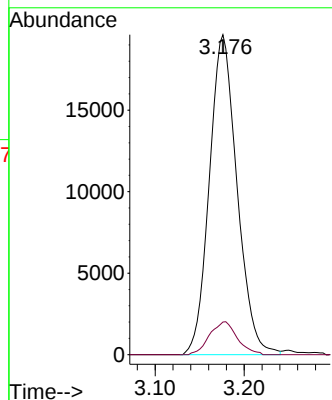
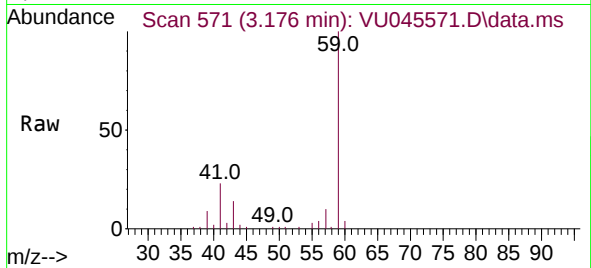
#11
Tert butyl alcohol
Concen: 113.639 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion: 59 Resp: 42424
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

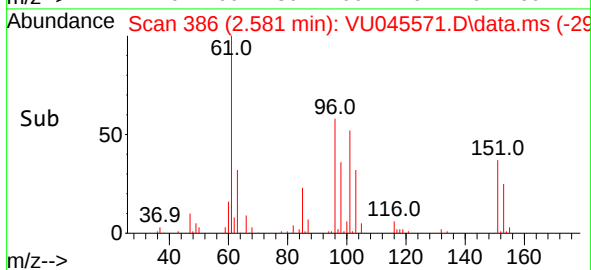
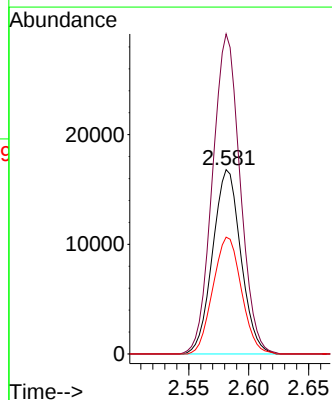
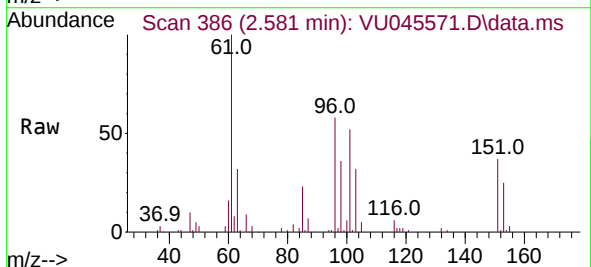
Manual Integrations
APPROVED

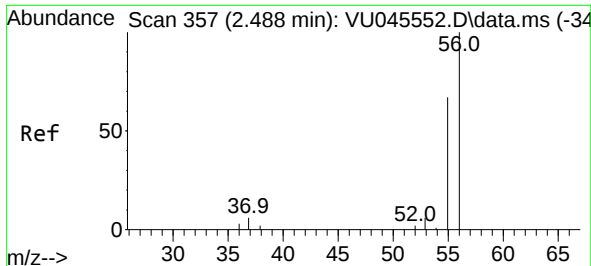
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#12
1,1-Dichloroethene
Concen: 19.810 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion: 96 Resp: 27448
Ion Ratio Lower Upper
96 100
61 173.5 137.1 205.7
98 63.3 51.5 77.3





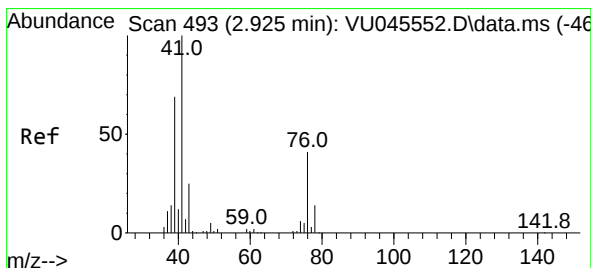
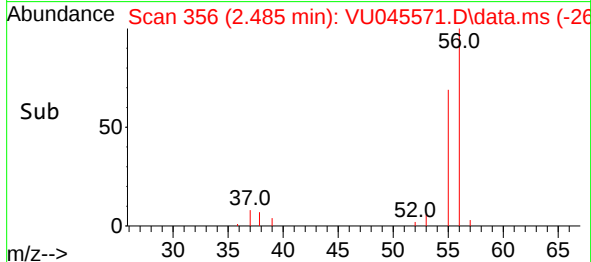
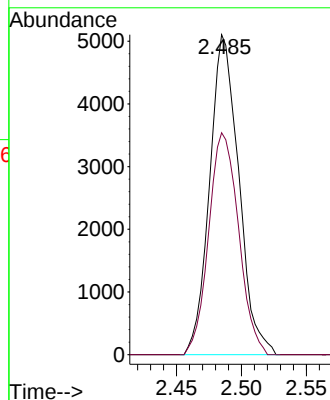
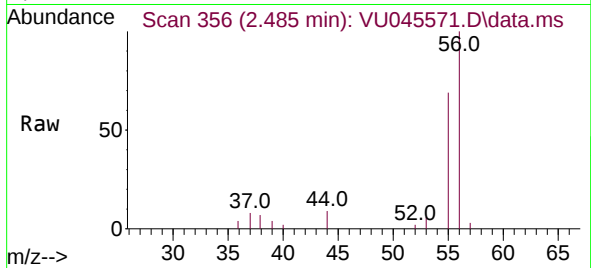
#13
Acrolein
Concen: 146.823 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion: 56 Resp: 794
Ion Ratio Lower Upper
56 100
55 71.2 56.3 84.5

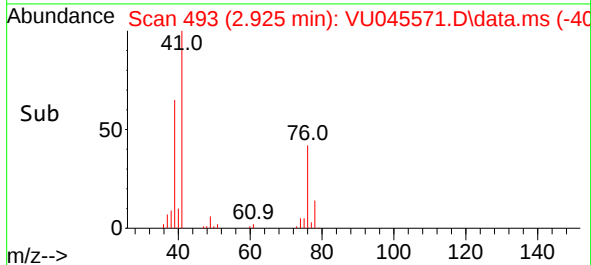
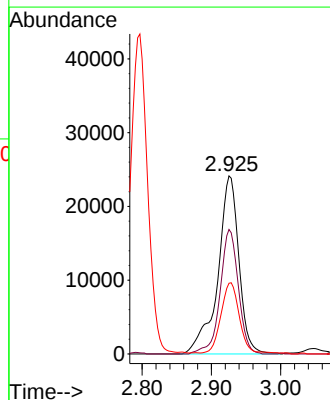
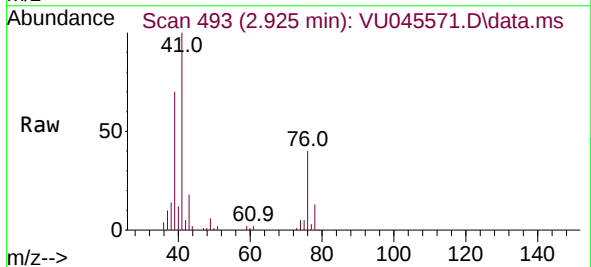
Manual Integrations
APPROVED

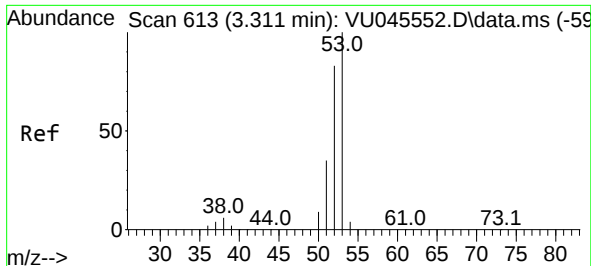
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#14
Allyl chloride
Concen: 20.684 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

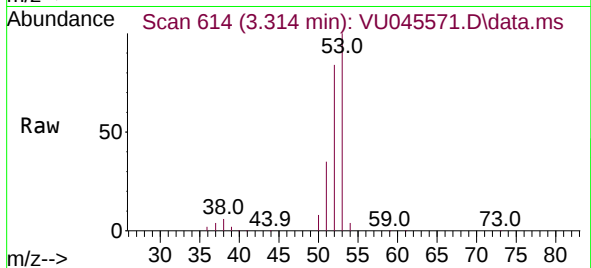
Tgt Ion: 41 Resp: 51173
Ion Ratio Lower Upper
41 100
39 60.3 49.7 74.5
76 33.9 27.7 41.5





#15
Acrylonitrile
Concen: 108.600 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

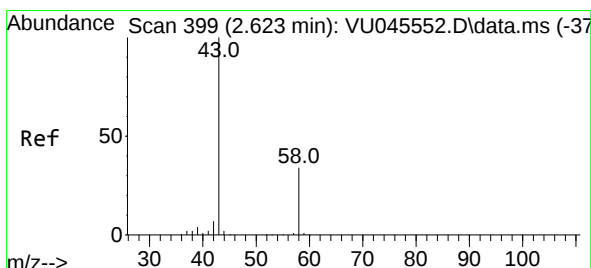
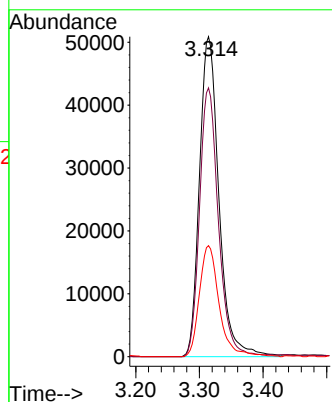
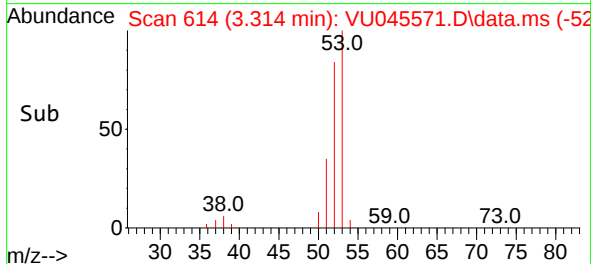
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



Tgt Ion: 53 Resp: 108249
Ion Ratio Lower Upper
53 100
52 81.3 66.6 100.0
51 35.3 28.4 42.6

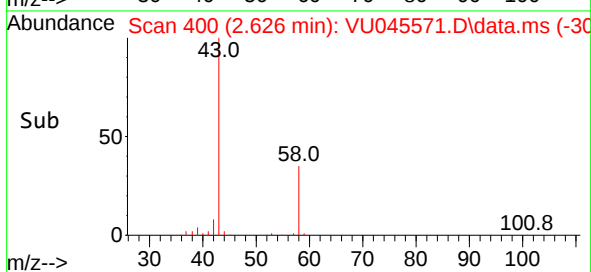
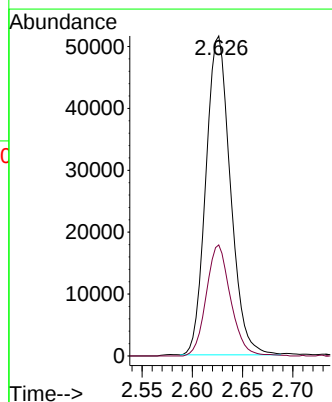
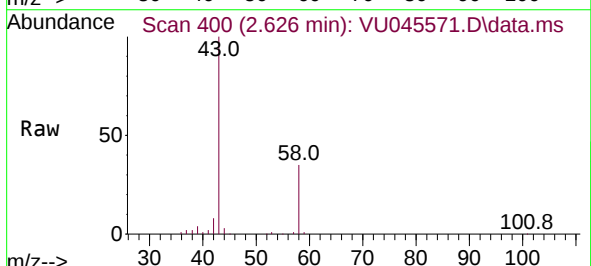
Manual Integrations
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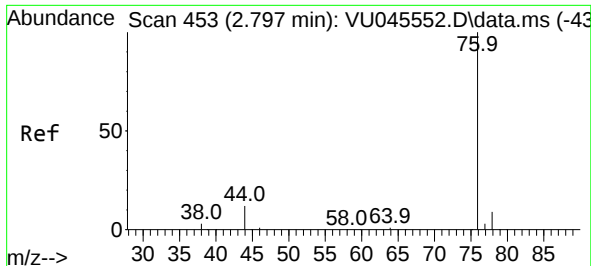
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#16
Acetone
Concen: 91.189 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion: 43 Resp: 87553
Ion Ratio Lower Upper
43 100
58 34.8 26.2 39.2





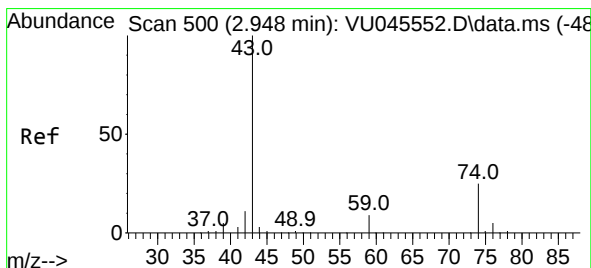
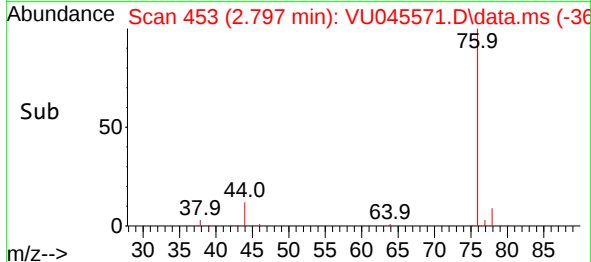
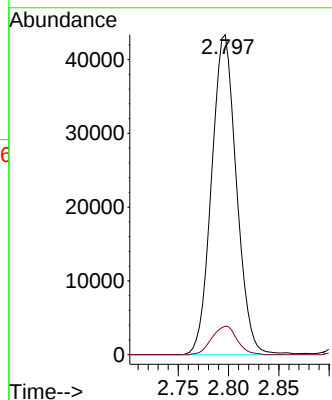
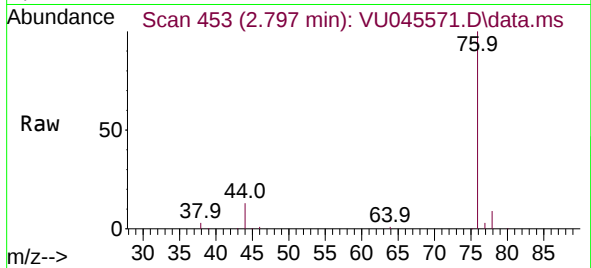
#17
Carbon Disulfide
Concen: 19.229 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion: 76 Resp: 74620
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

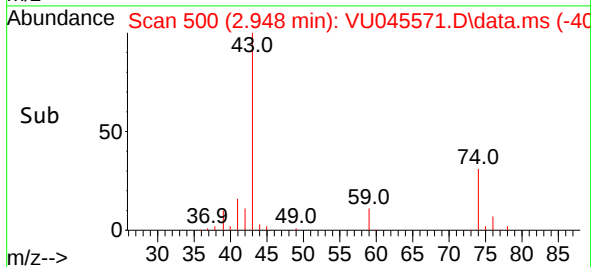
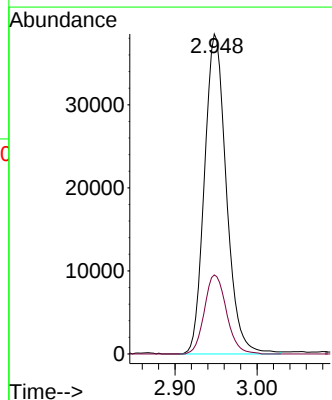
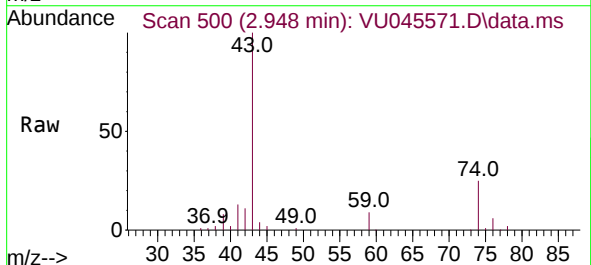
Manual Integrations
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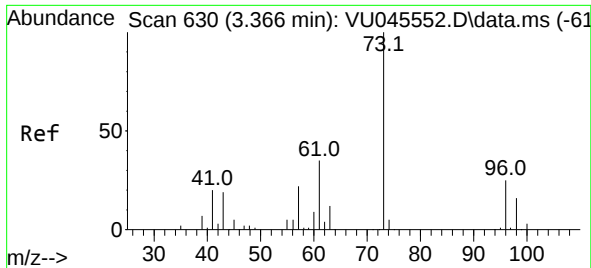
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#18
Methyl Acetate
Concen: 21.873 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion: 43 Resp: 71530
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2





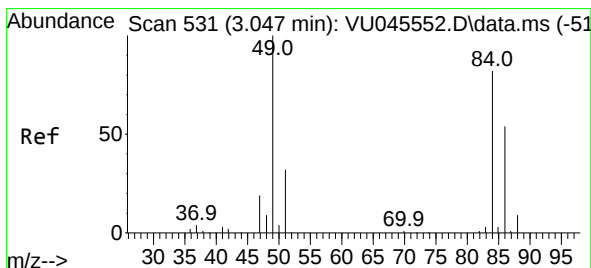
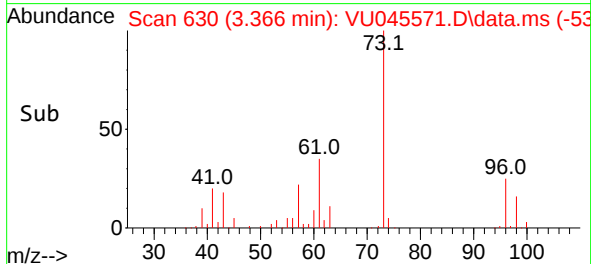
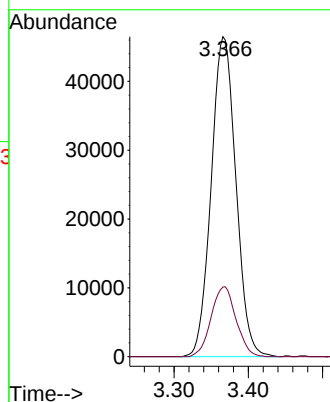
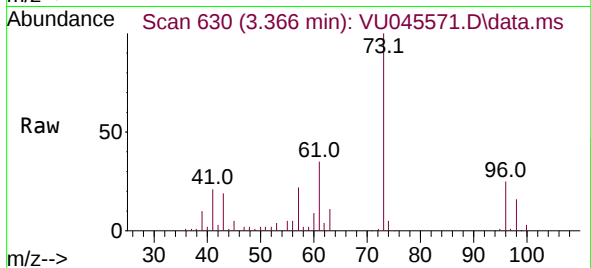
#19
Methyl tert-butyl Ether
Concen: 21.507 ug/l
RT: 3.366 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion: 73 Resp: 107260
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1

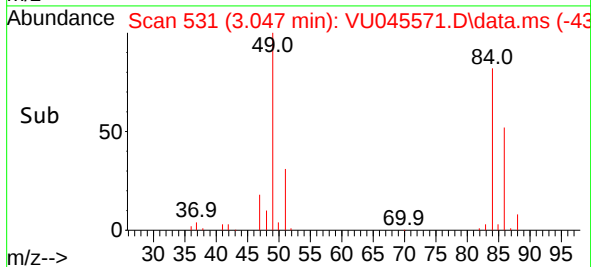
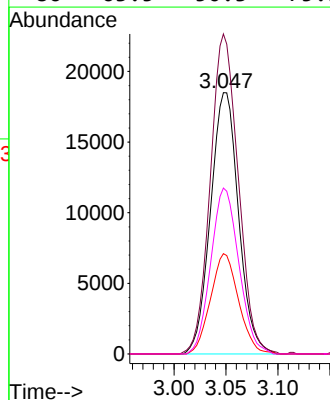
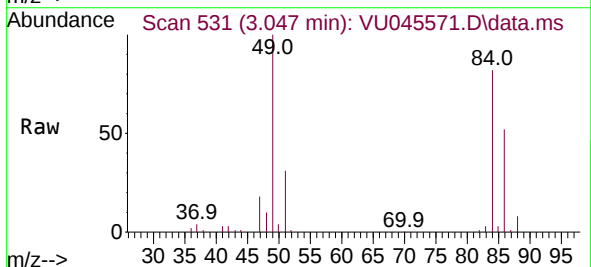
Manual Integrations
APPROVED

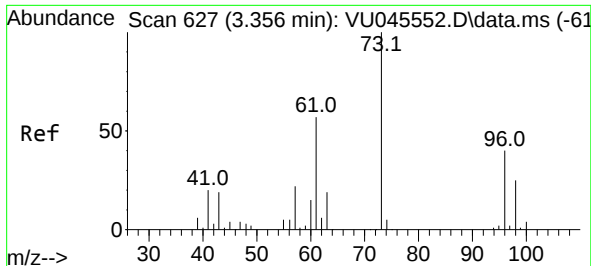
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#20
Methylene Chloride
Concen: 20.784 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

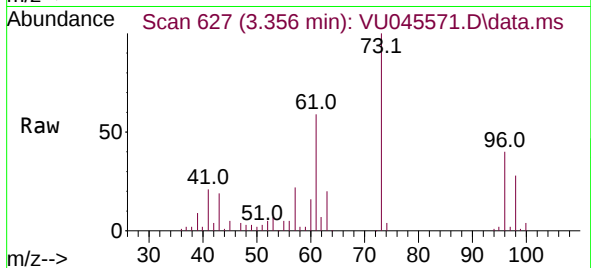
Tgt Ion: 84 Resp: 34674
Ion Ratio Lower Upper
84 100
49 122.5 96.4 144.6
51 38.4 30.5 45.7
86 63.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 21.121 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

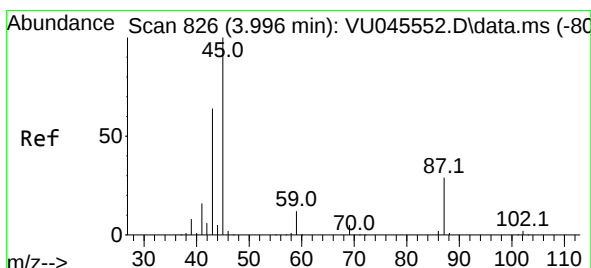
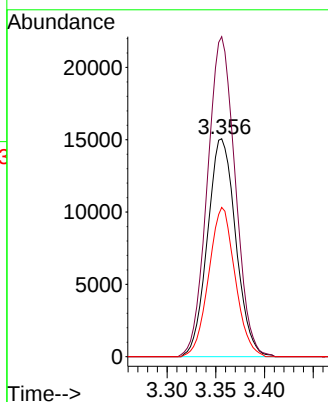
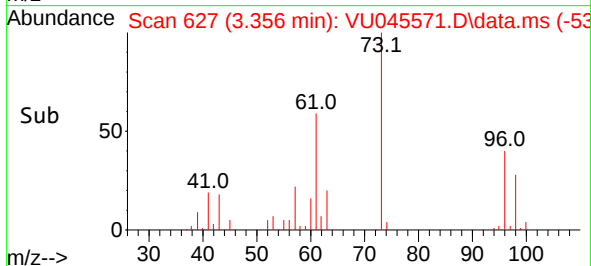
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



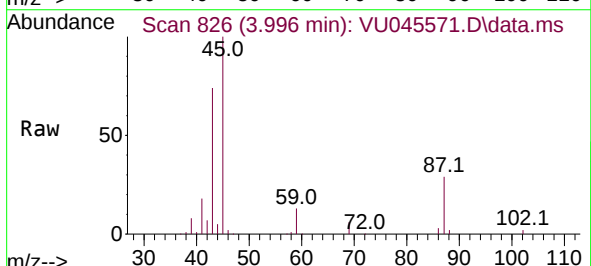
Tgt Ion: 96 Resp: 3044
Ion Ratio Lower Upper
96 100
61 146.8 118.2 177.4
98 68.5 52.1 78.1

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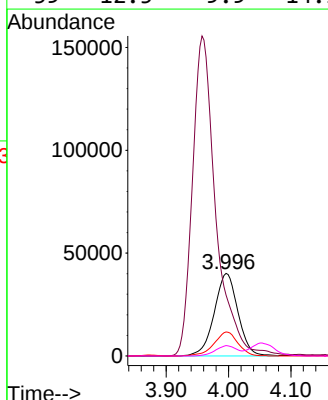
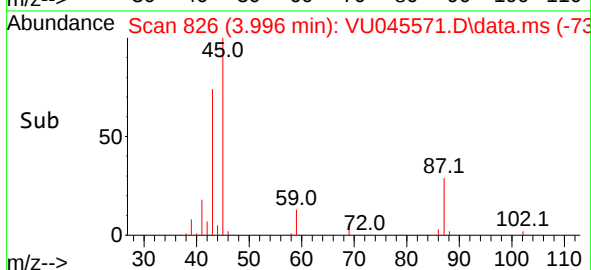
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

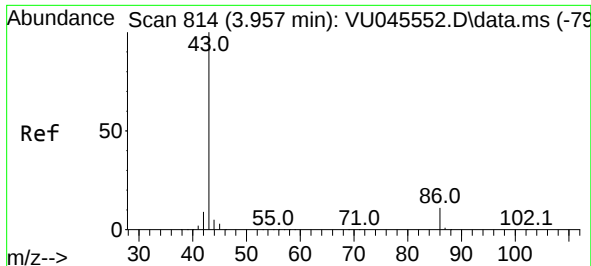


#22
Diisopropyl ether
Concen: 21.817 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



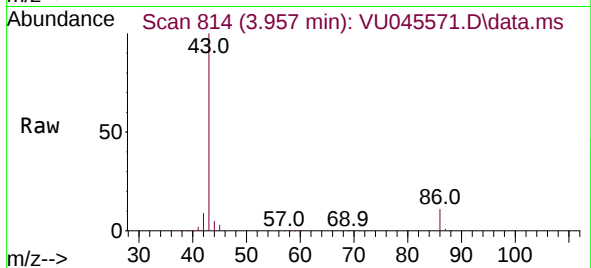
Tgt Ion: 45 Resp: 105981
Ion Ratio Lower Upper
45 100
43 70.9 60.0 90.0
87 29.1 22.3 33.5
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 108.639 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045571.D
 Acq: 05 Nov 2021 20:01

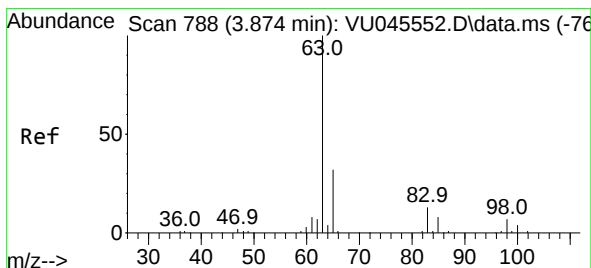
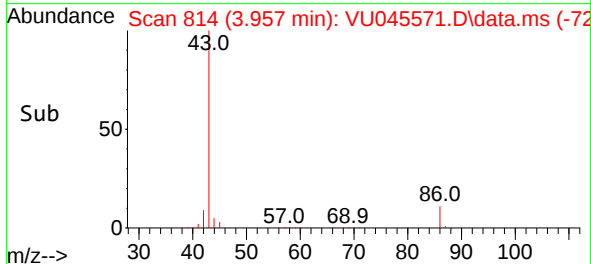
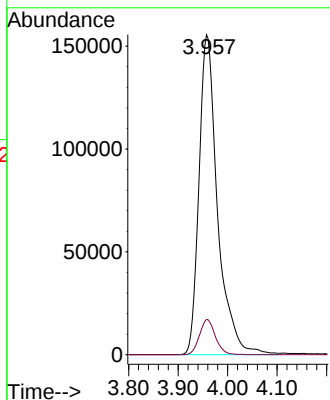
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBSD01



Tgt Ion: 43 Resp: 405898
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

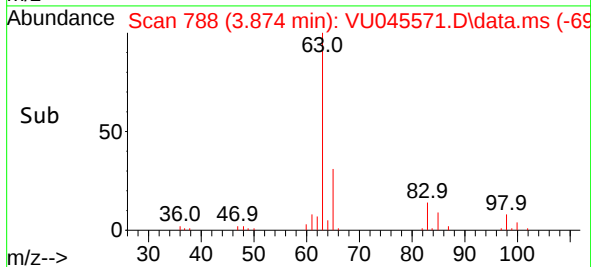
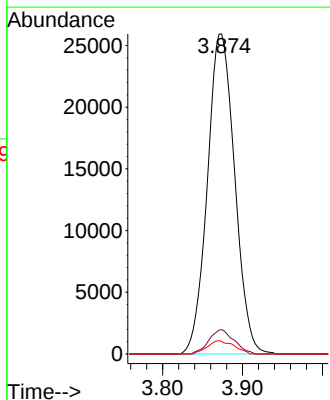
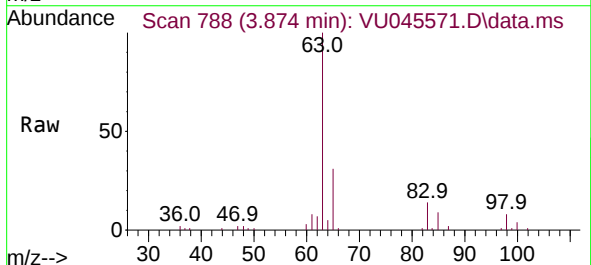
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 21.273 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045571.D
 Acq: 05 Nov 2021 20:01

Tgt Ion: 63 Resp: 61580
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 3.9 2.4 7.2





#25

2-Butanone

Concen: 105.926 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 43 Resp: 14105

Ion Ratio Lower Upper

43 100

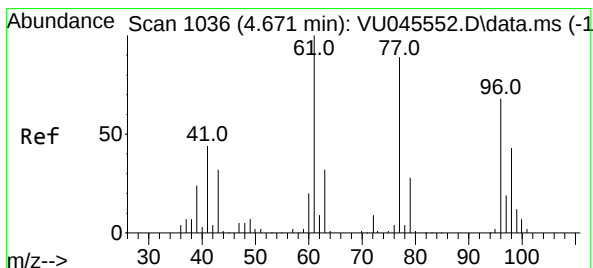
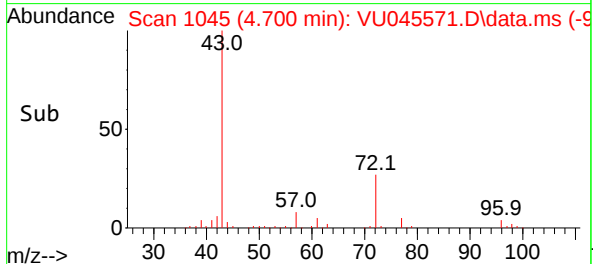
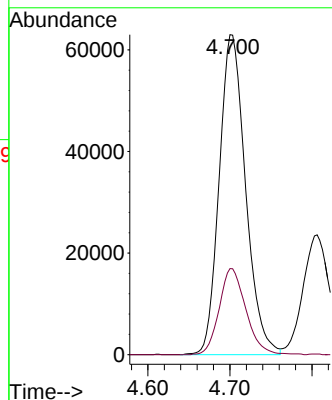
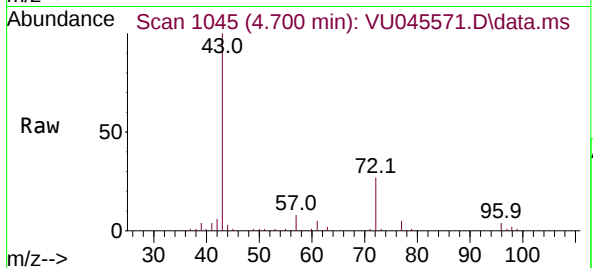
72 26.9 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#26

2,2-Dichloropropane

Concen: 19.014 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045571.D

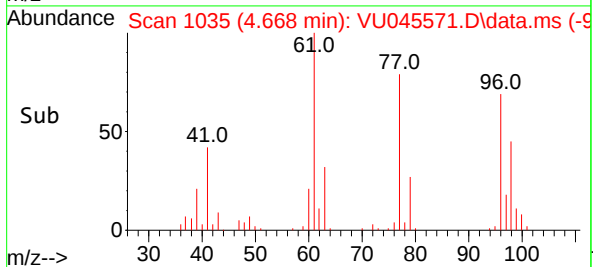
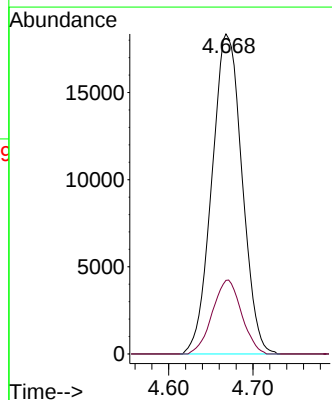
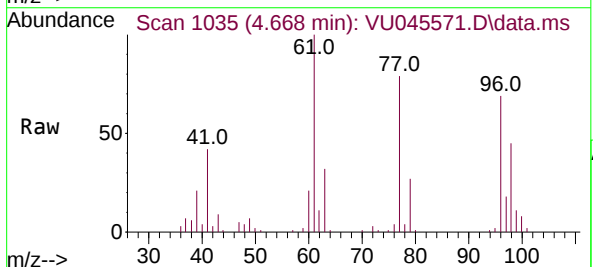
Acq: 05 Nov 2021 20:01

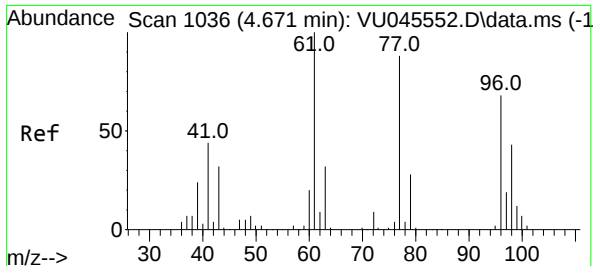
Tgt Ion: 77 Resp: 45611

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.075 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 96 Resp: 3568

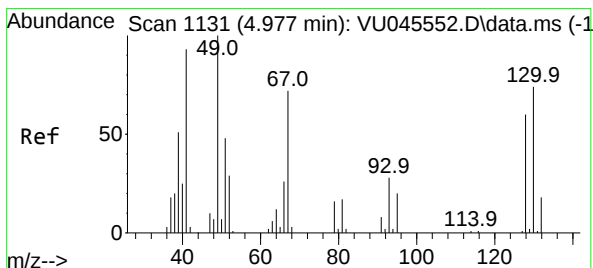
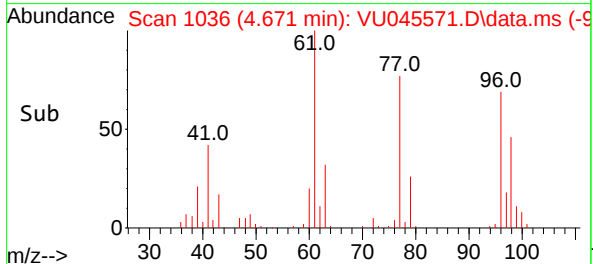
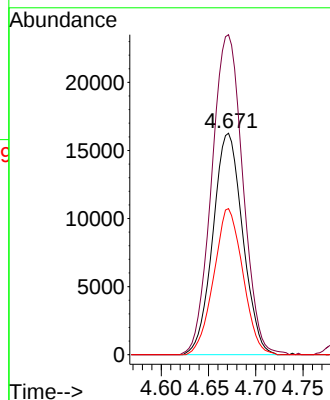
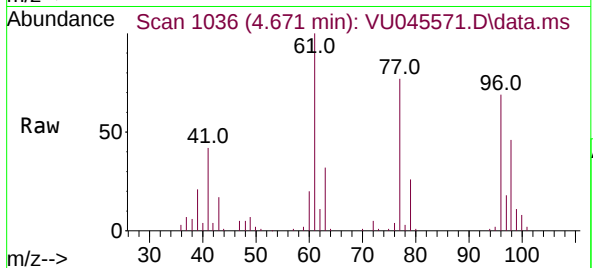
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	299.2
98	64.3	0.0	127.6

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#28

Bromochloromethane

Concen: 21.391 ug/l

RT: 4.977 min Scan# 1131

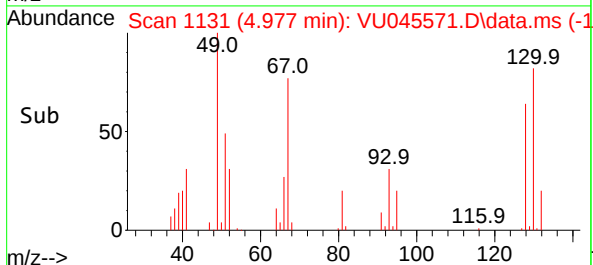
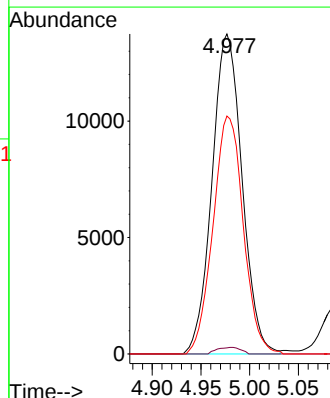
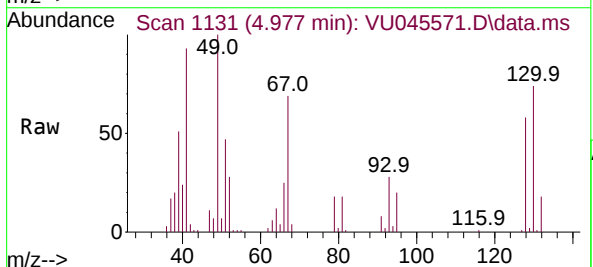
Delta R.T. 0.000 min

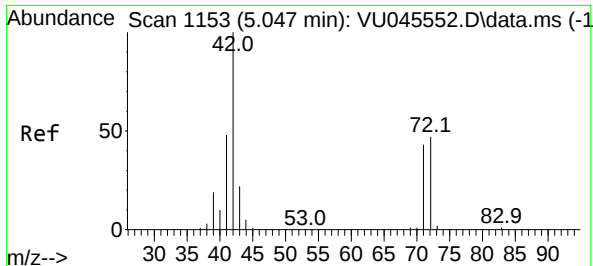
Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Tgt Ion: 49 Resp: 29522

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	74.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 108.406 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

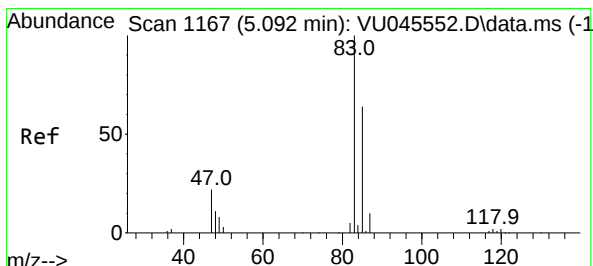
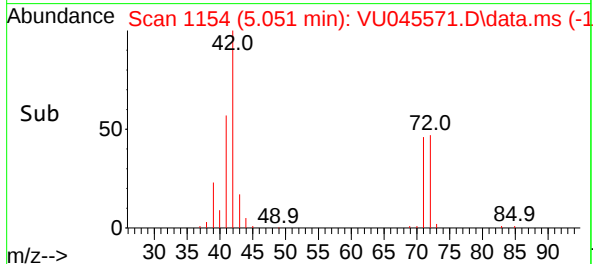
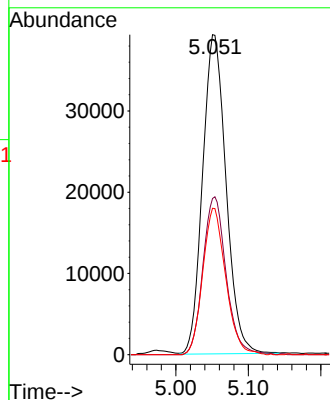
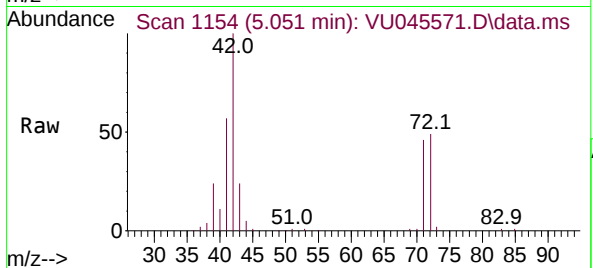
VU1105WBSD01

Tgt Ion:	42	Resp:	8830
Ion Ratio	Lower	Upper	
42	100		
72	48.8	38.2	57.4
71	44.9	35.4	53.2

Manual Integrations

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



#30

Chloroform

Concen: 21.225 ug/l

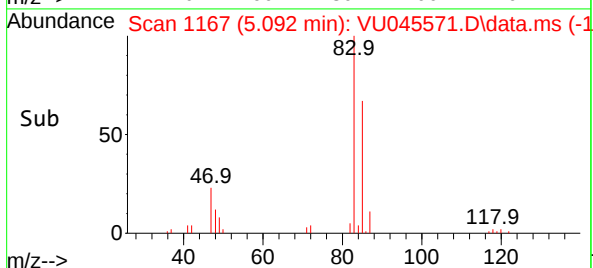
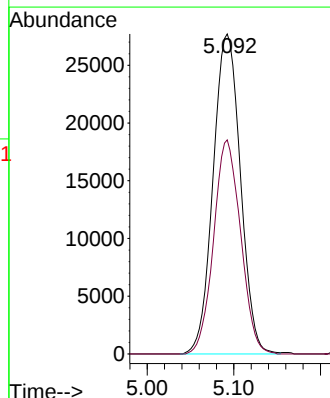
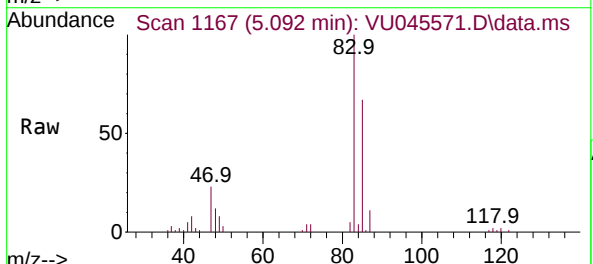
RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

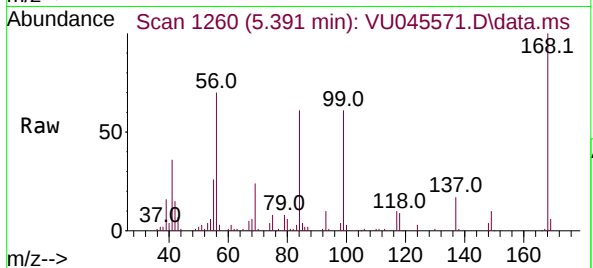
Tgt Ion:	83	Resp:	60766
Ion Ratio	Lower	Upper	
83	100		
85	66.9	52.0	78.0





#31
Cyclohexane
Concen: 20.672 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

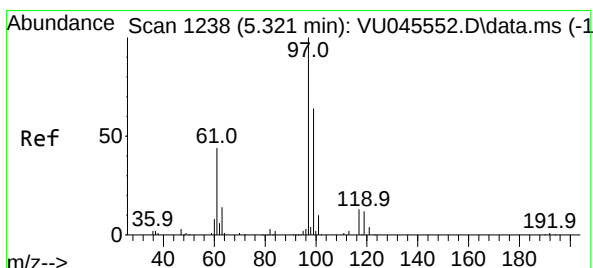
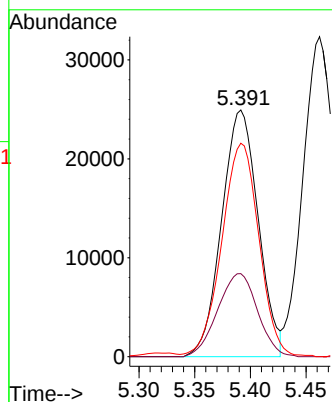
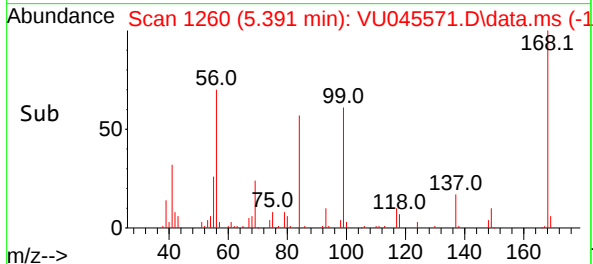
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



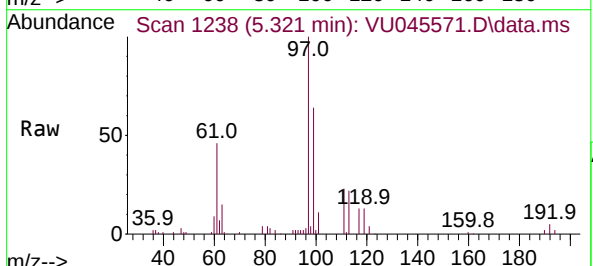
Tgt Ion: 56 Resp: 5688
Ion Ratio Lower Upper
56 100
69 33.6 26.4 39.6
84 85.6 68.4 102.6

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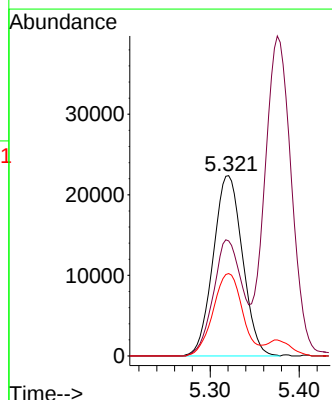
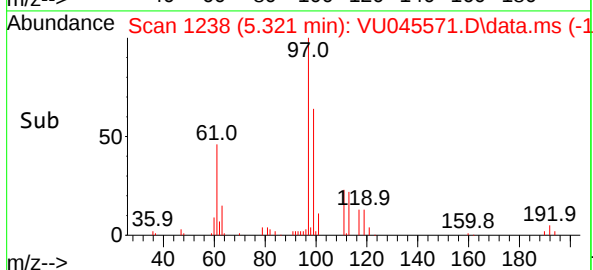
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

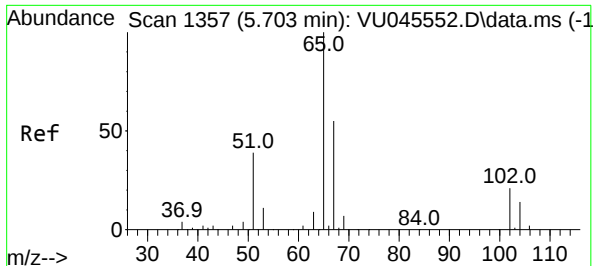


#32
1,1,1-Trichloroethane
Concen: 20.928 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



Tgt Ion: 97 Resp: 51095
Ion Ratio Lower Upper
97 100
99 61.9 50.8 76.2
61 45.9 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 54.120 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 65 Resp: 102070

Ion Ratio Lower Upper

65 100

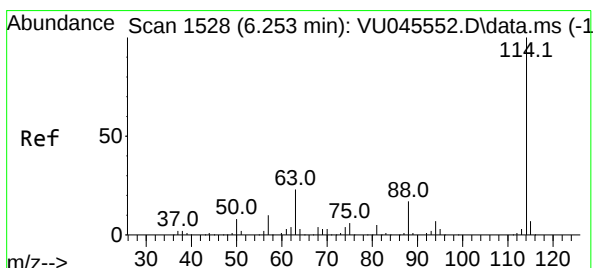
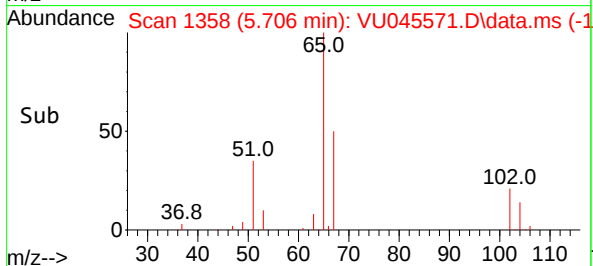
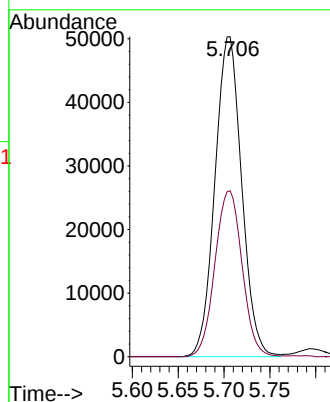
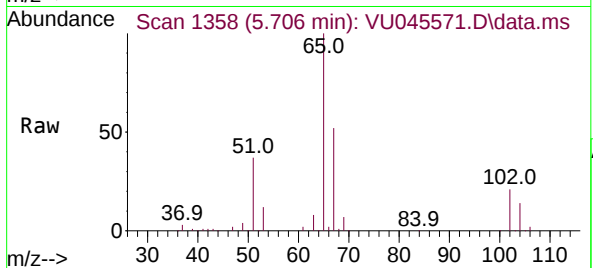
67 52.7 0.0 105.8

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

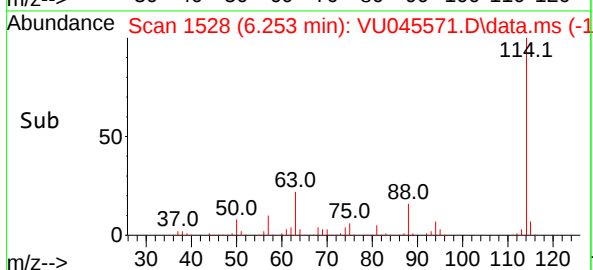
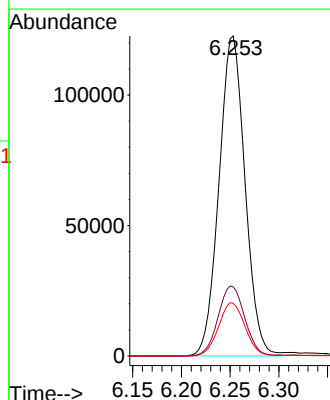
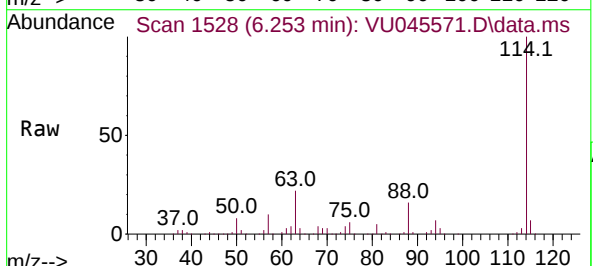
Tgt Ion:114 Resp: 227735

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

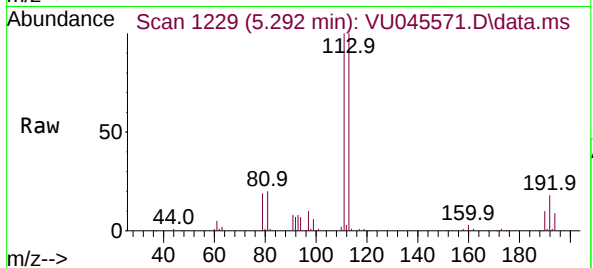
88 16.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 50.877 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

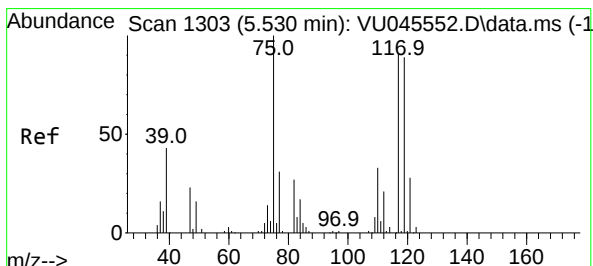
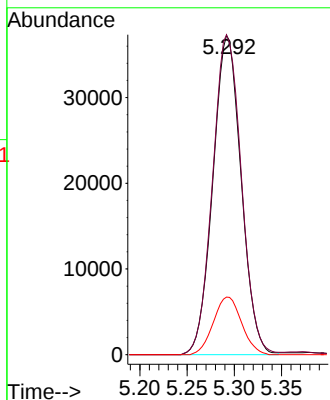
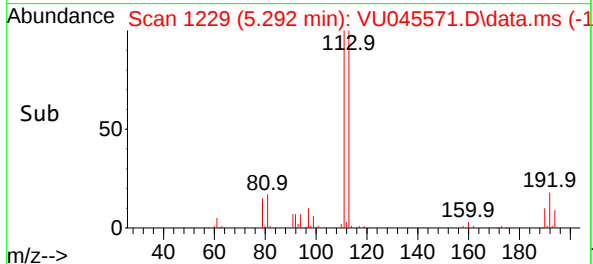
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



Tgt Ion:113 Resp: 77350
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.1 14.8 22.2

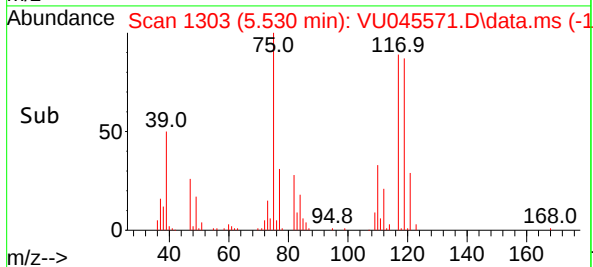
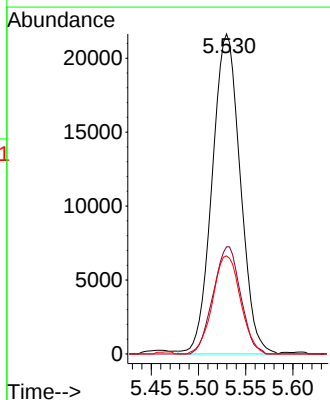
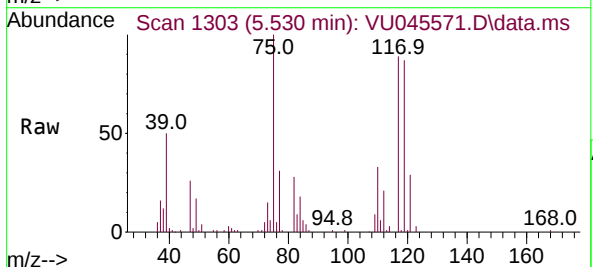
Manual Integrations
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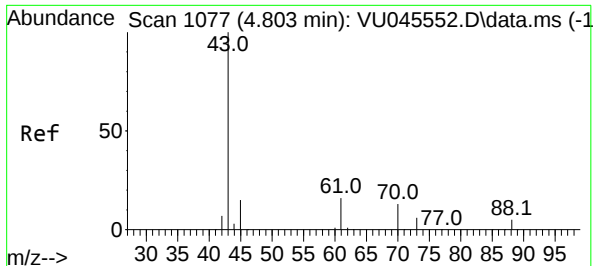
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#36
1,1-Dichloropropene
Concen: 20.126 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion: 75 Resp: 44691
Ion Ratio Lower Upper
75 100
110 32.7 16.7 50.0
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 21.161 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

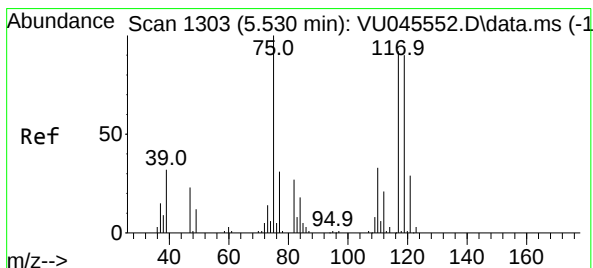
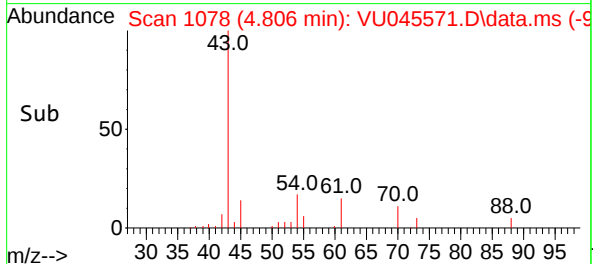
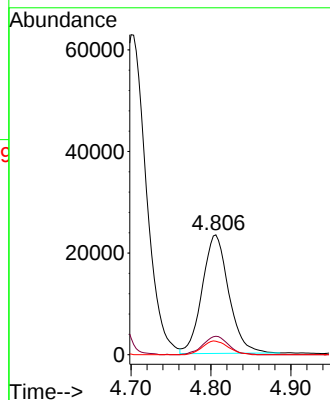
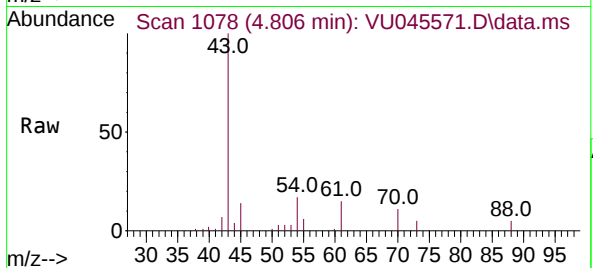
Tgt Ion:	43	Resp:	53979
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.6	17.4
70	11.2	9.1	13.7

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#38

Carbon Tetrachloride

Concen: 19.532 ug/l

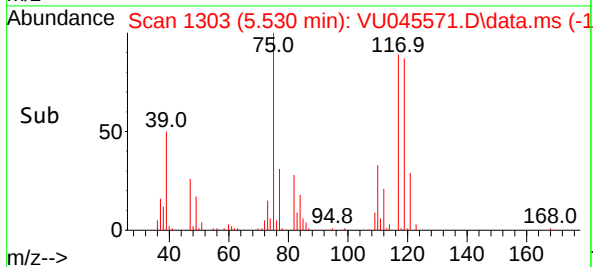
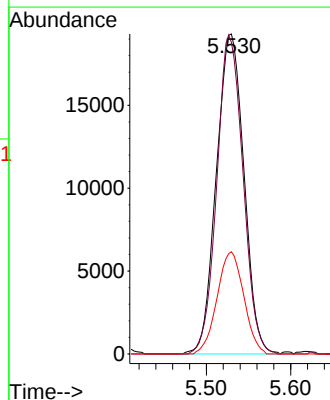
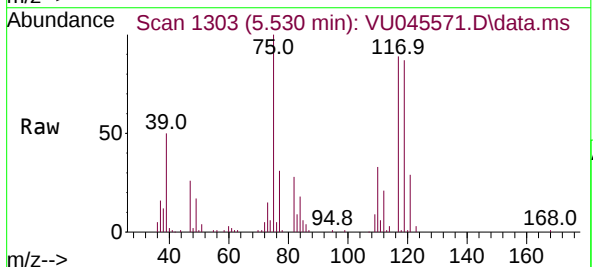
RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Tgt Ion:	117	Resp:	43727
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.4	116.0
121	32.0	24.8	37.2





#39

Methylcyclohexane

Concen: 19.301 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 83 Resp: 5258

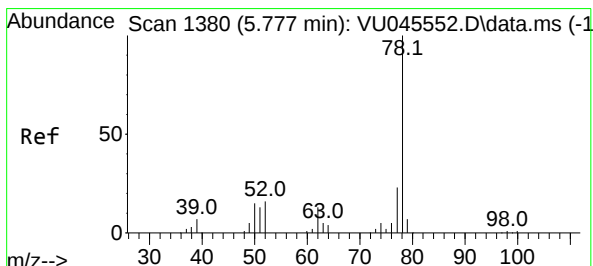
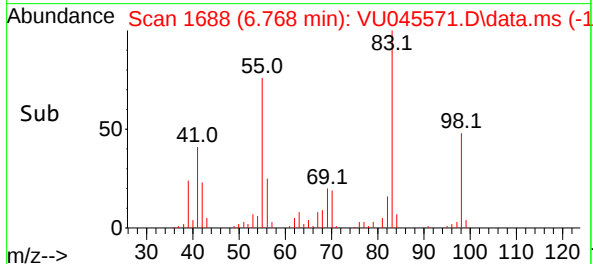
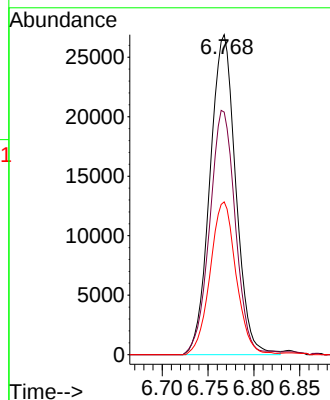
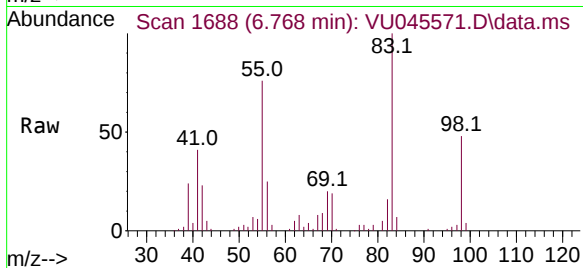
Ion	Ratio	Lower	Upper
83	100		
55	75.8	63.6	95.4
98	47.8	37.1	55.7

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#40

Benzene

Concen: 19.962 ug/l

RT: 5.777 min Scan# 1380

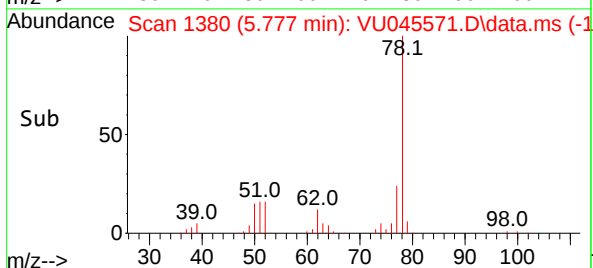
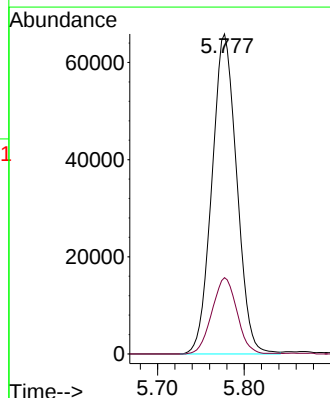
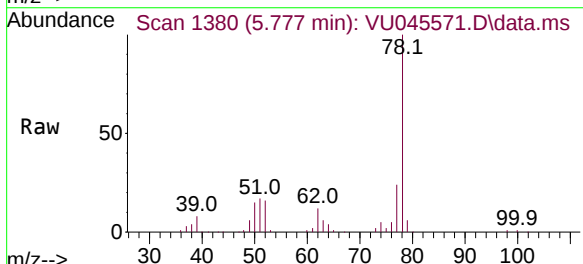
Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Tgt Ion: 78 Resp: 131234

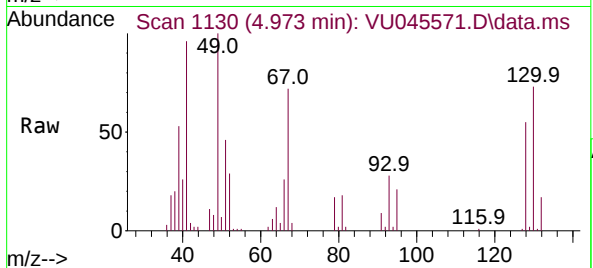
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41
Methacrylonitrile
Concen: 21.337 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

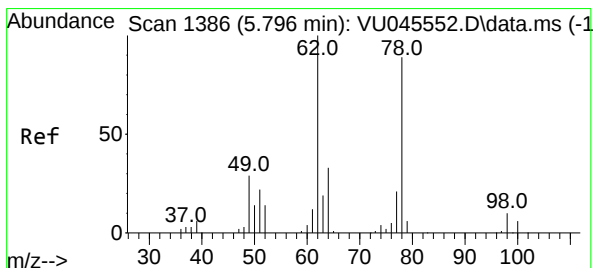
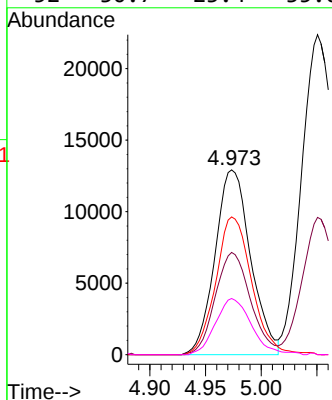
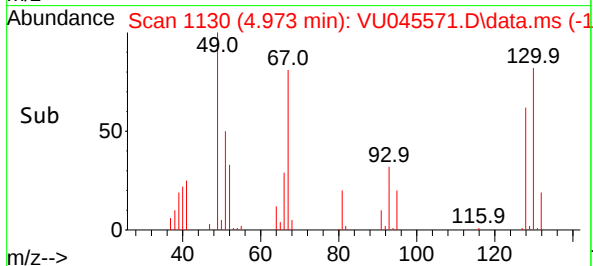
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



Tgt Ion: 41 Resp: 2876
Ion Ratio Lower Upper
41 100
39 55.0 43.4 65.0
67 75.4 61.0 91.4
52 30.7 23.4 35.0

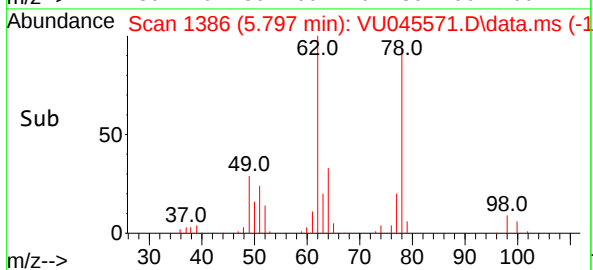
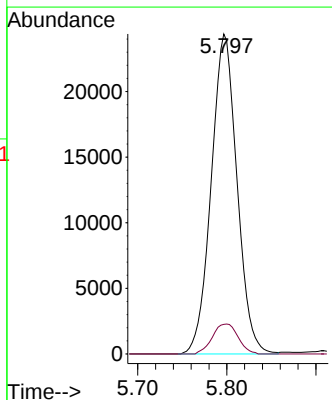
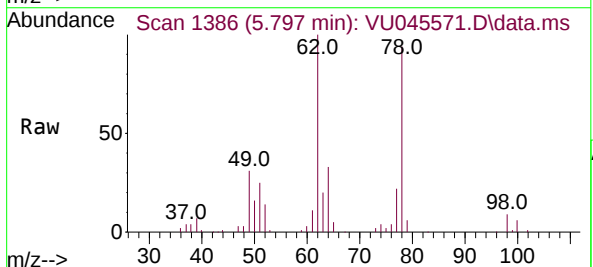
Manual Integrations
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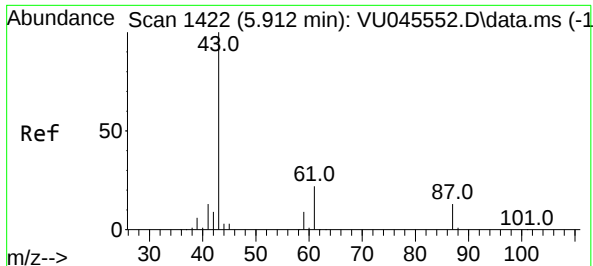
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#42
1,2-Dichloroethane
Concen: 20.661 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion: 62 Resp: 49065
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 20.629 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 43 Resp: 8048

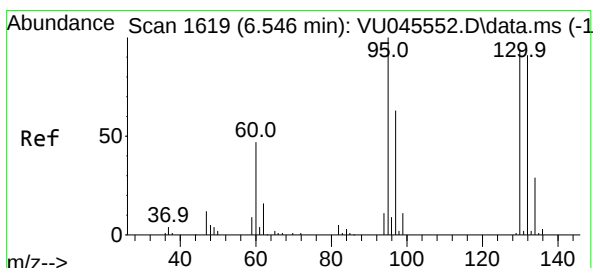
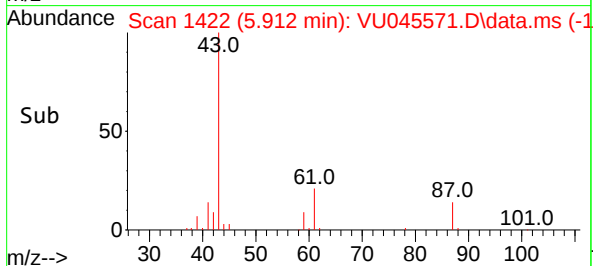
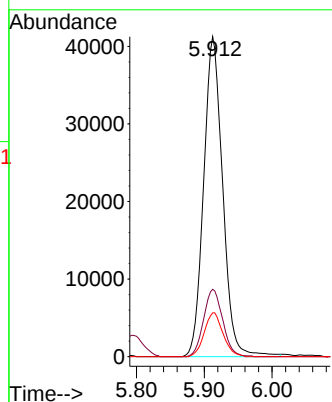
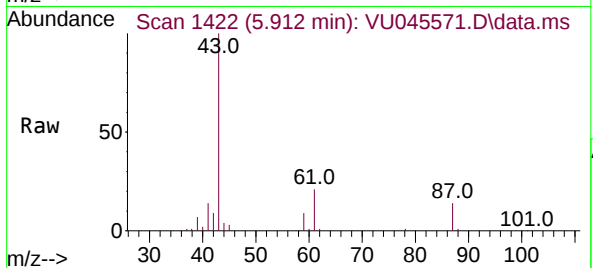
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.9	25.3
87	13.5	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#44

Trichloroethene

Concen: 20.195 ug/l

RT: 6.546 min Scan# 1619

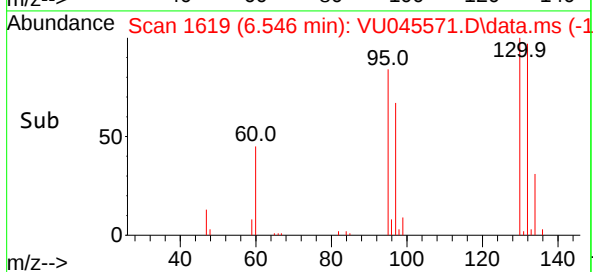
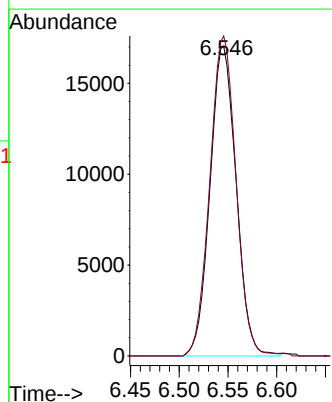
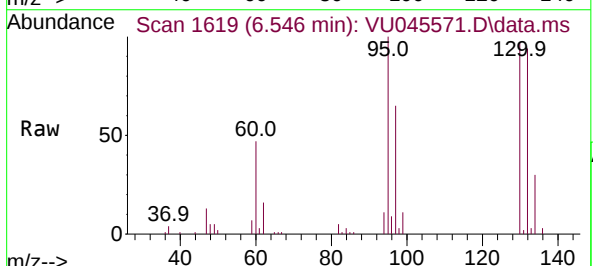
Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Tgt Ion:130 Resp: 31781

Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	211.4





#45

1,2-Dichloropropane

Concen: 20.430 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 63 Resp: 35540

Ion Ratio Lower Upper

63 100

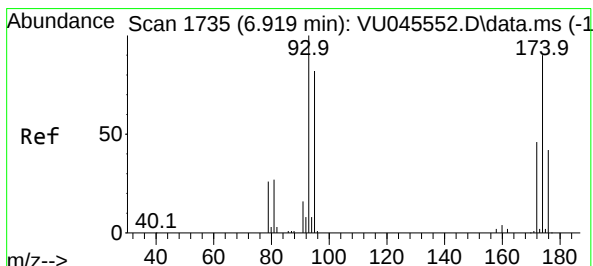
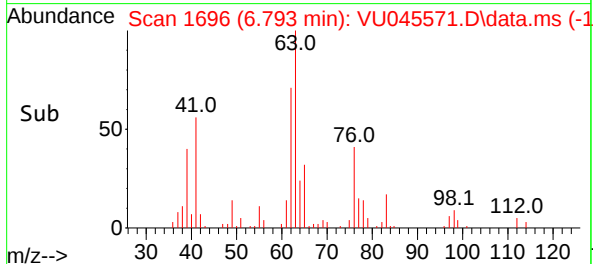
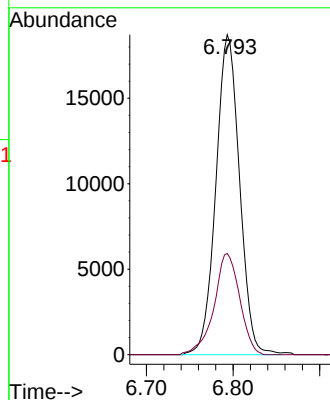
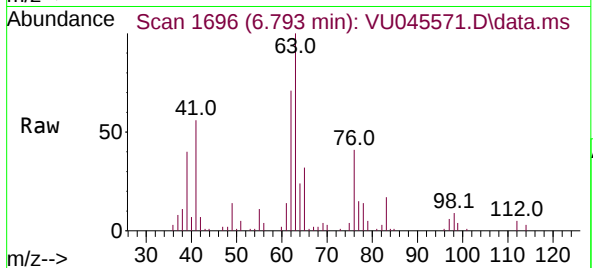
65 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#46

Dibromomethane

Concen: 20.629 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

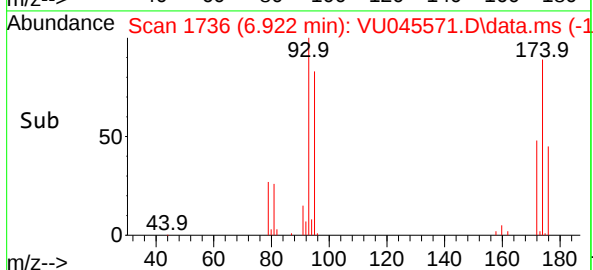
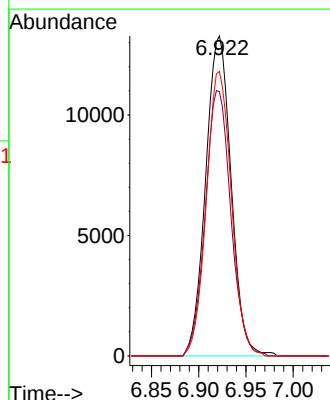
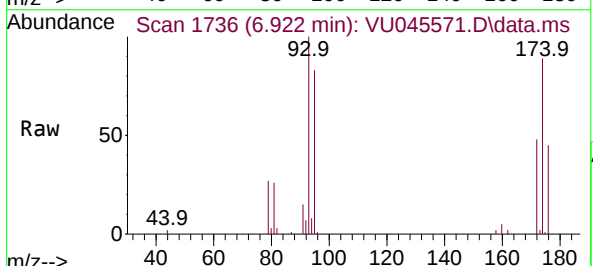
Tgt Ion: 93 Resp: 24865

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.2

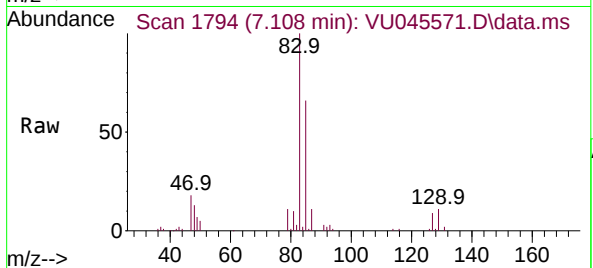
174 87.4 71.0 106.6





#47
Bromodichloromethane
Concen: 20.367 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

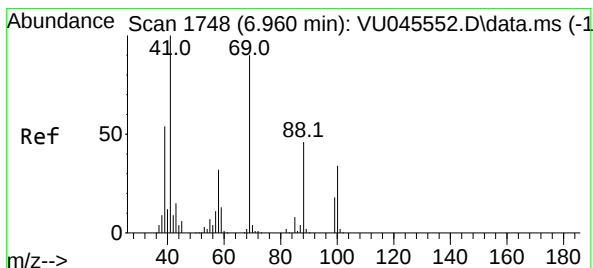
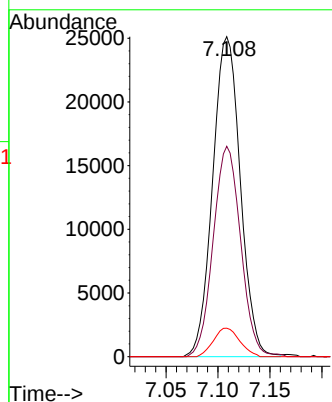
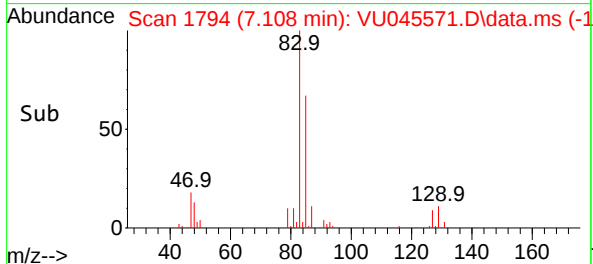
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



Tgt Ion: 83 Resp: 46579
Ion Ratio Lower Upper
83 100
85 65.8 49.8 74.6
127 8.9 6.2 9.2

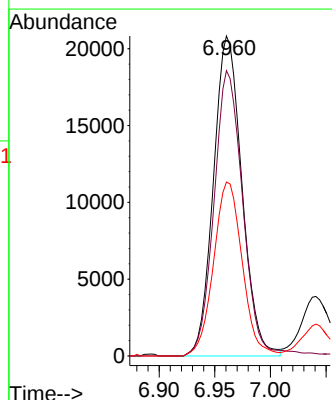
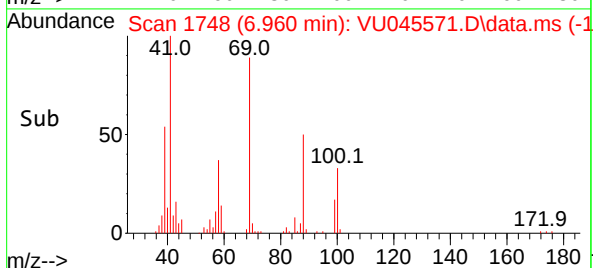
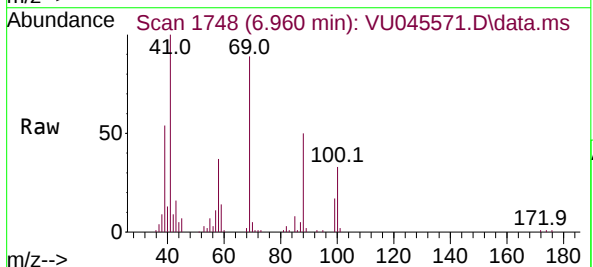
Manual Integrations
APPROVED

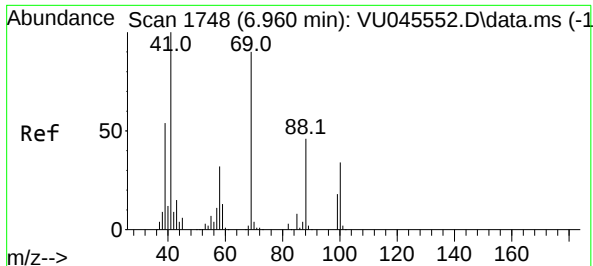
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#48
Methyl methacrylate
Concen: 20.633 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion: 41 Resp: 37052
Ion Ratio Lower Upper
41 100
69 90.6 70.2 105.2
39 54.8 43.9 65.9





#49

1,4-Dioxane

Concen: 445.591 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

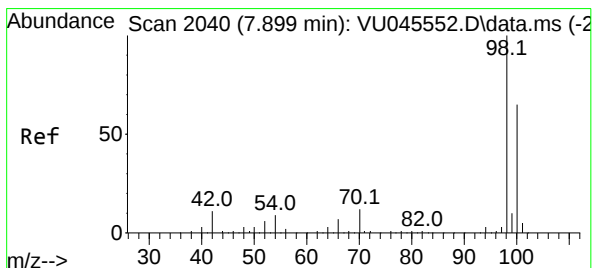
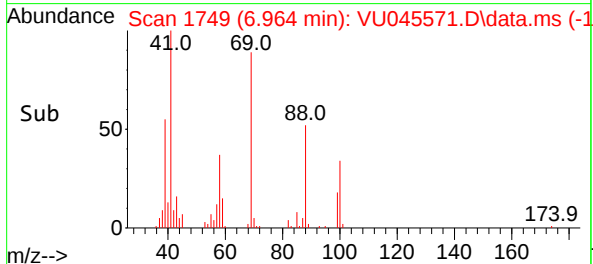
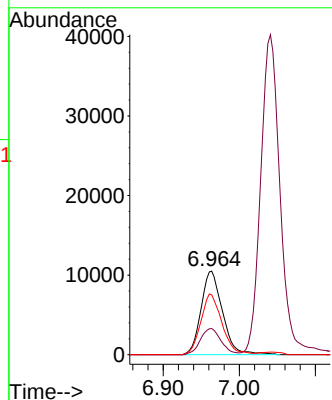
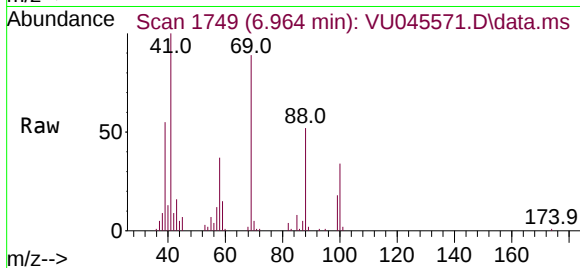
Tgt Ion: 88 Resp: 20578
 Ion Ratio Lower Upper
 88 100
 43 30.3 0.0 0.0
 58 71.4 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#50

Toluene-d8

Concen: 51.751 ug/l

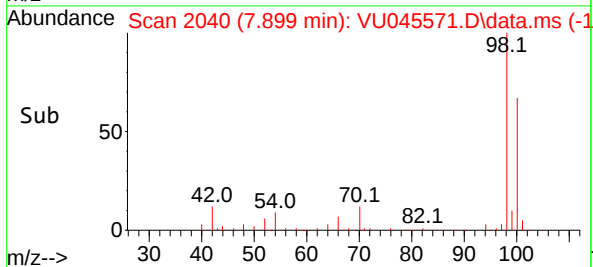
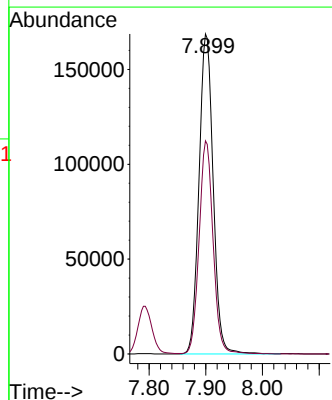
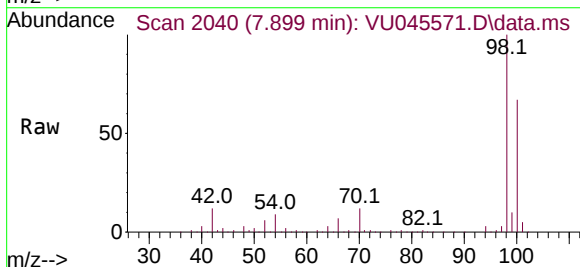
RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Tgt Ion: 98 Resp: 292589
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 106.092 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 43 Resp: 273049

Ion Ratio Lower Upper

43 100

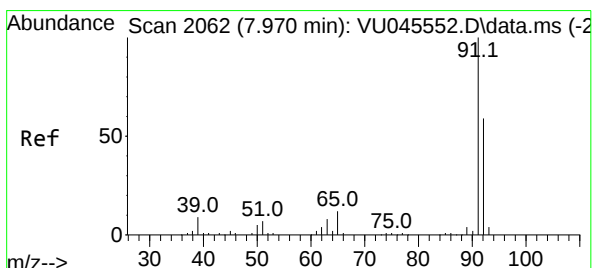
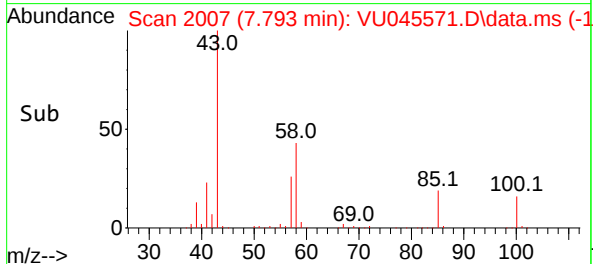
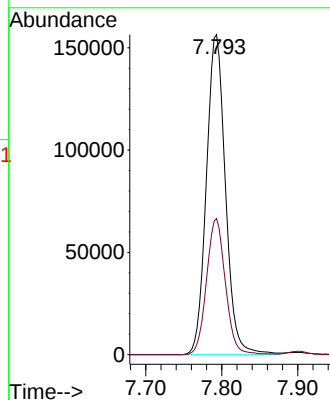
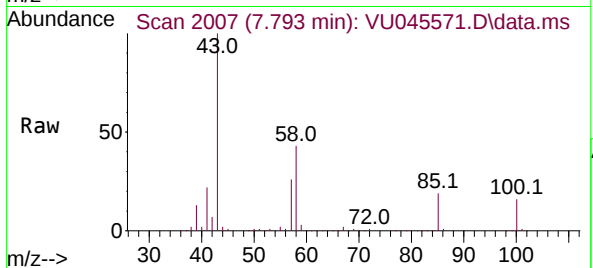
58 42.0 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#52

Toluene

Concen: 20.818 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045571.D

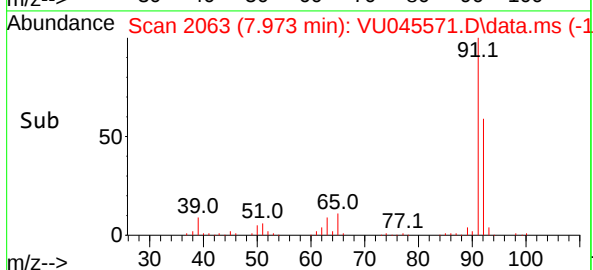
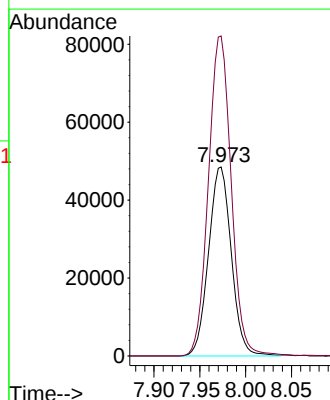
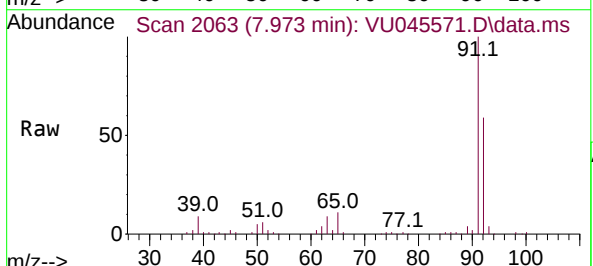
Acq: 05 Nov 2021 20:01

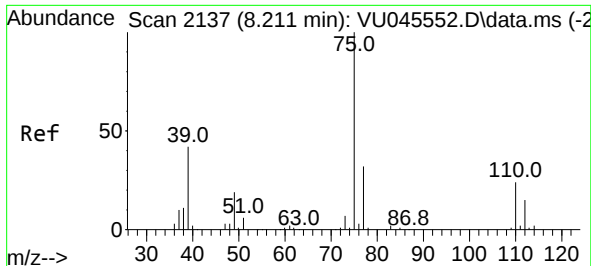
Tgt Ion: 92 Resp: 83794

Ion Ratio Lower Upper

92 100

91 169.8 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 19.706 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 75 Resp: 5179

Ion Ratio Lower Upper

75 100

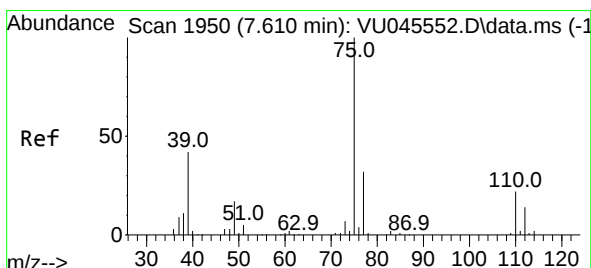
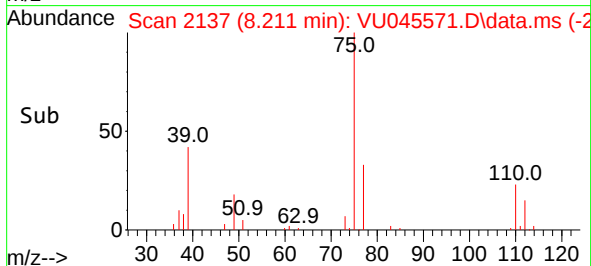
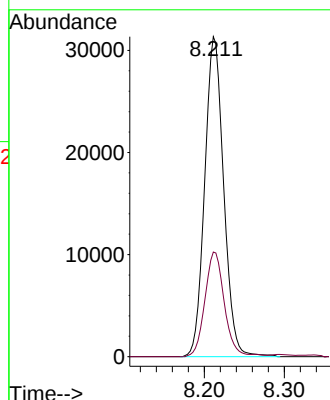
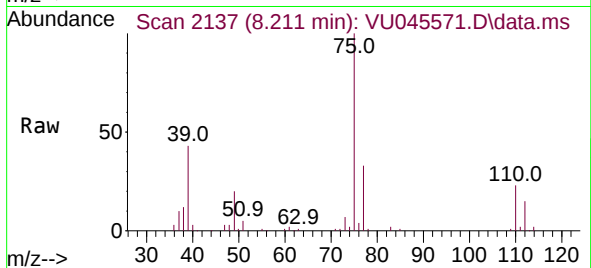
77 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#54

cis-1,3-Dichloropropene

Concen: 20.613 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

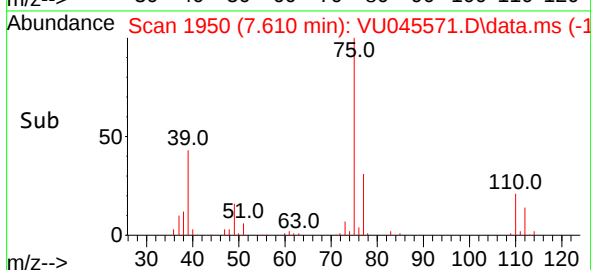
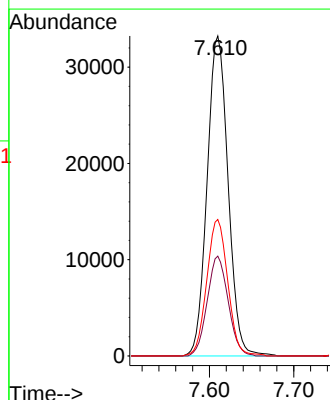
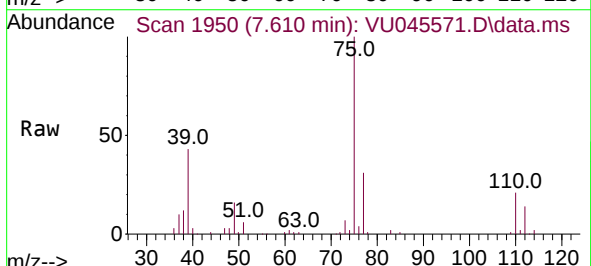
Tgt Ion: 75 Resp: 57547

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

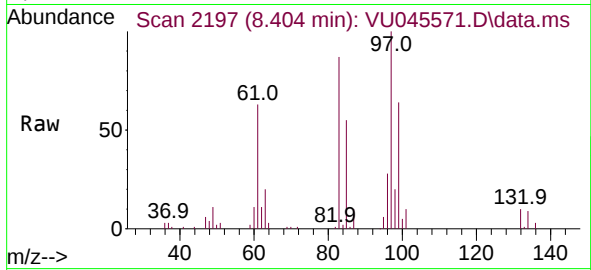
39 42.7 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 20.786 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

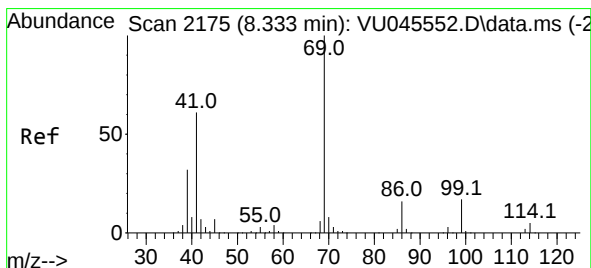
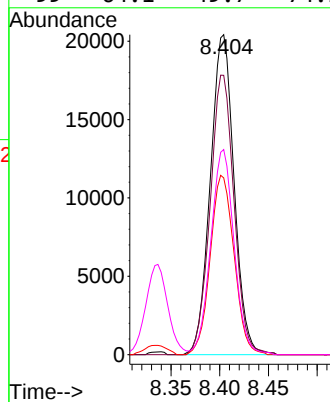
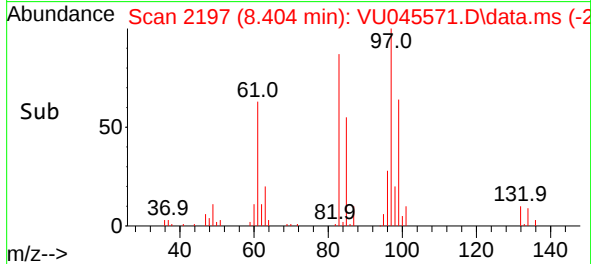
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.3	105.5
85	55.2	45.5	68.3
99	64.1	49.7	74.5

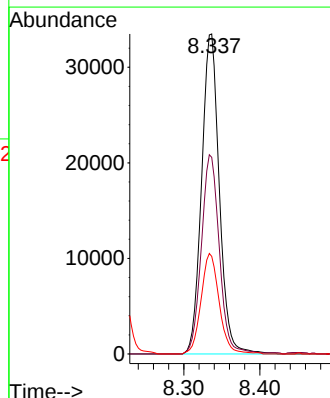
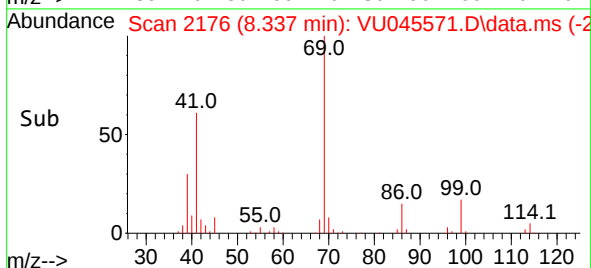
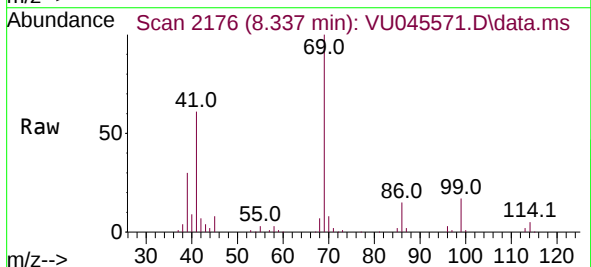
Manual Integrations
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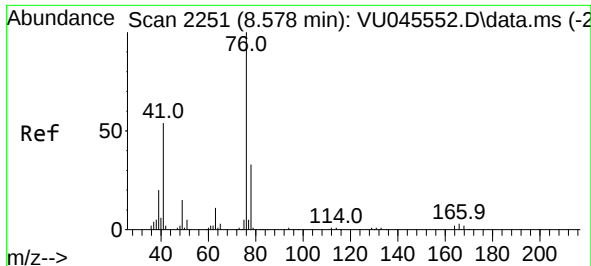
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#56
Ethyl methacrylate
Concen: 19.656 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.0	76.4
39	32.0	26.6	39.8





#57

1,3-Dichloropropane

Concen: 20.879 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 76 Resp: 6273

Ion Ratio Lower Upper

76 100

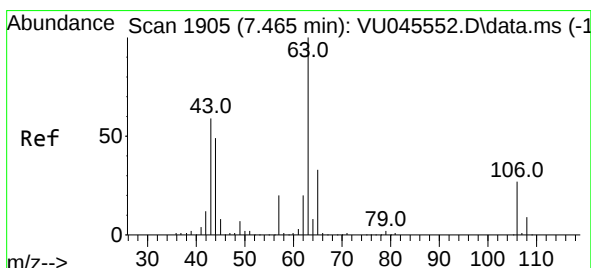
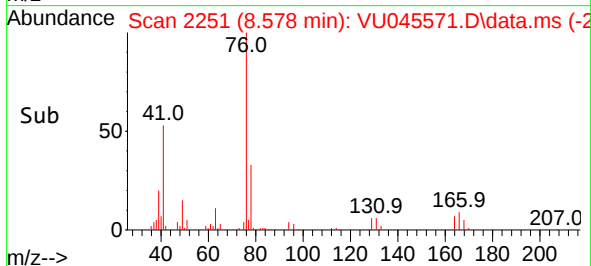
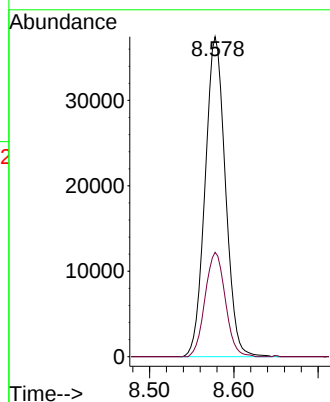
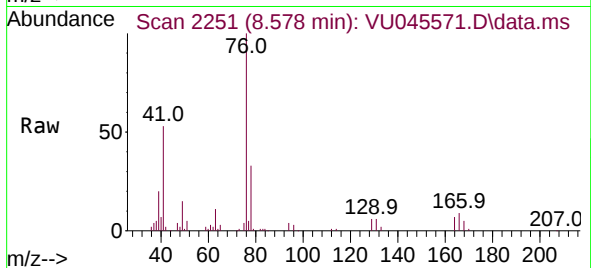
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#58

2-Chloroethyl Vinyl ether

Concen: 95.567 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045571.D

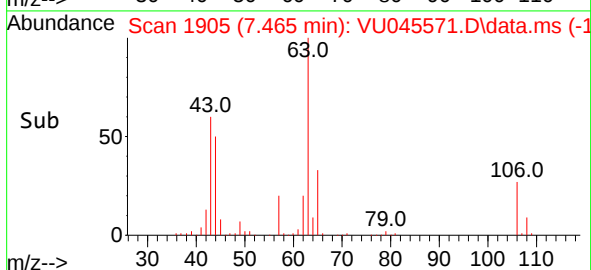
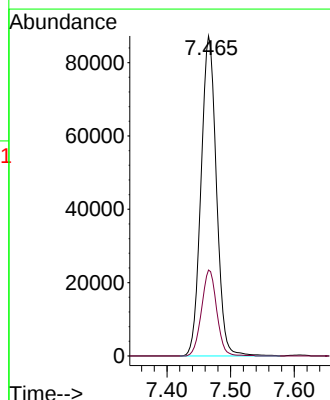
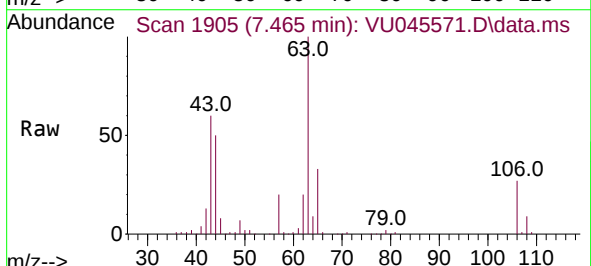
Acq: 05 Nov 2021 20:01

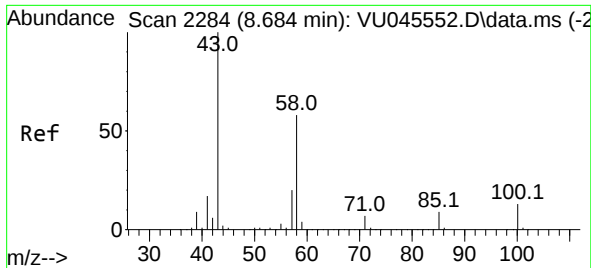
Tgt Ion: 63 Resp: 146768

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4





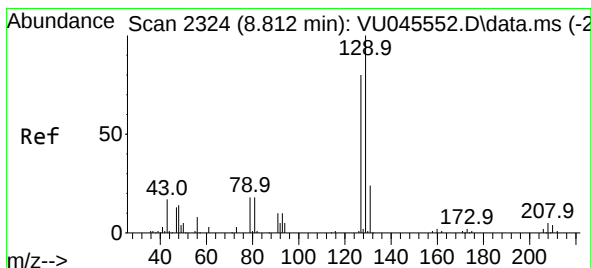
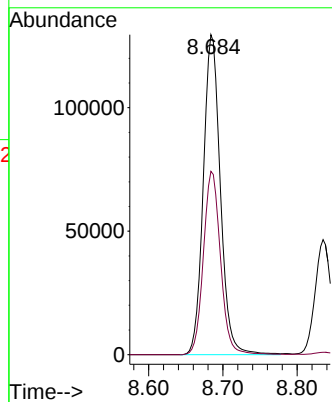
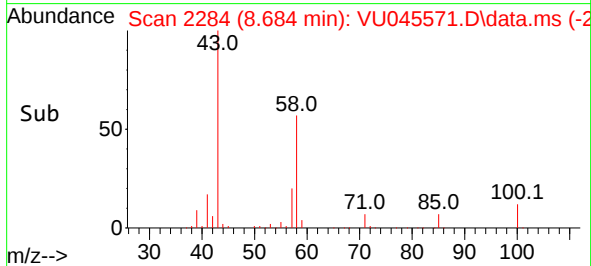
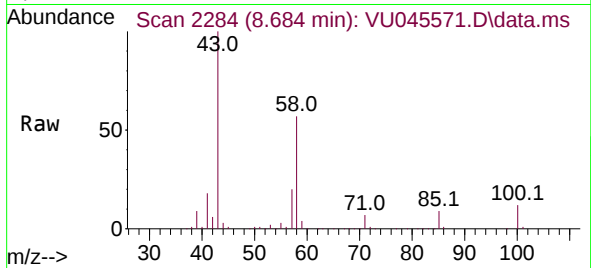
#59
2-Hexanone
Concen: 97.212 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion: 43 Resp: 207069
Ion Ratio Lower Upper
43 100
58 57.5 29.5 88.6

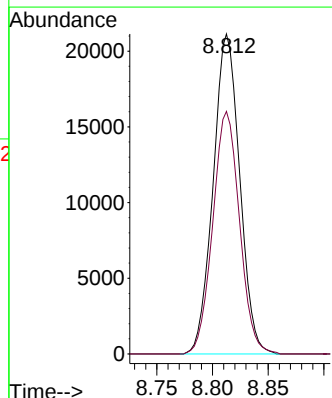
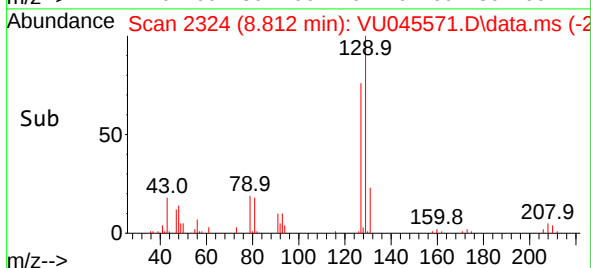
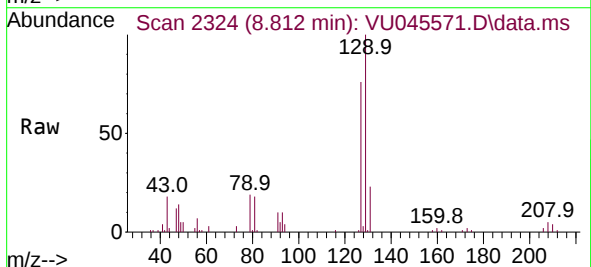
Manual Integrations
APPROVED

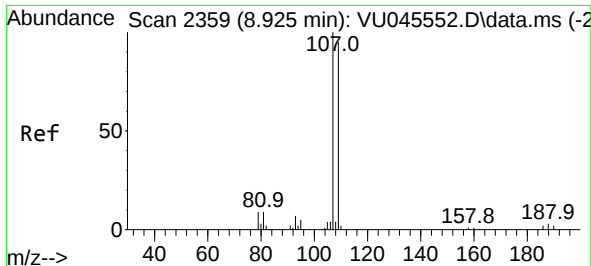
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#60
Dibromochloromethane
Concen: 20.193 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion:129 Resp: 35076
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





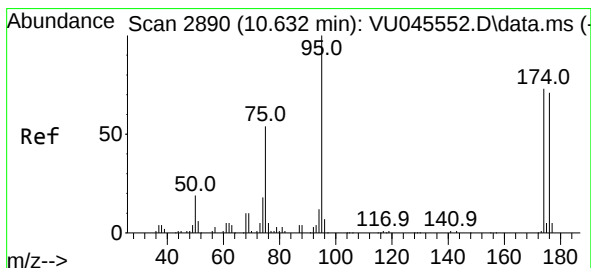
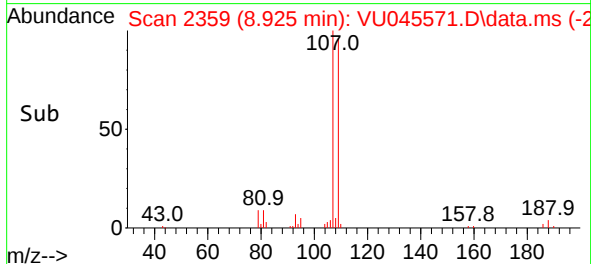
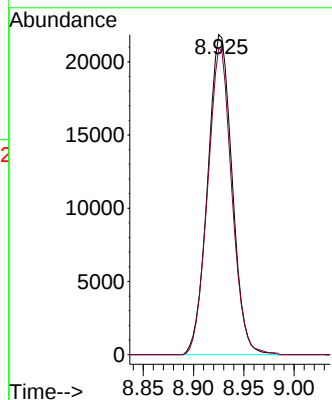
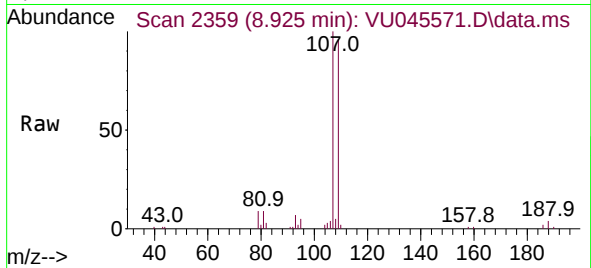
#61
1,2-Dibromoethane
Concen: 20.682 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion:107 Resp: 3700
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.8

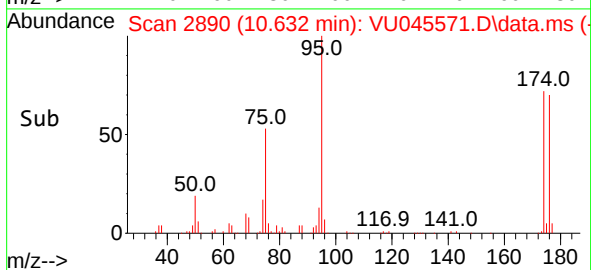
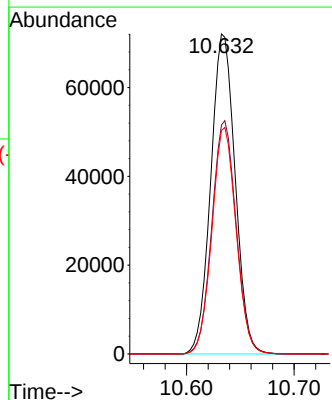
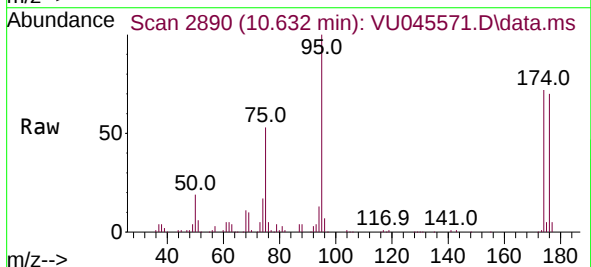
Manual Integrations
APPROVED

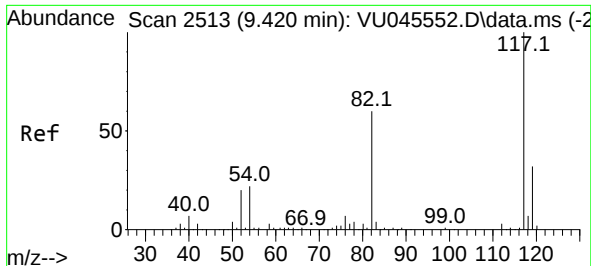
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#62
4-Bromofluorobenzene
Concen: 50.048 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

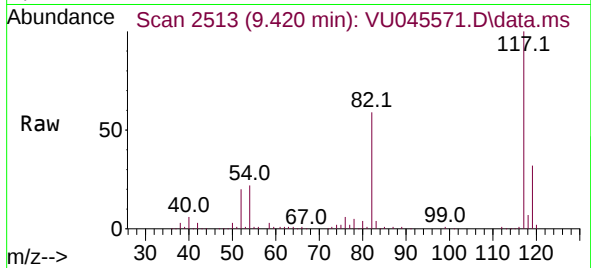
Tgt Ion: 95 Resp: 113466
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.8
176 70.3 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

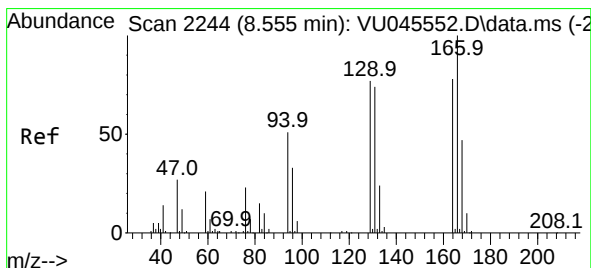
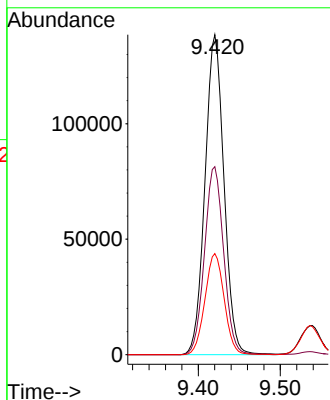
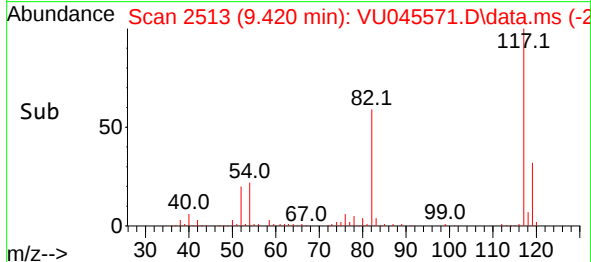
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



Tgt Ion:117 Resp: 223520
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 31.6 25.8 38.8

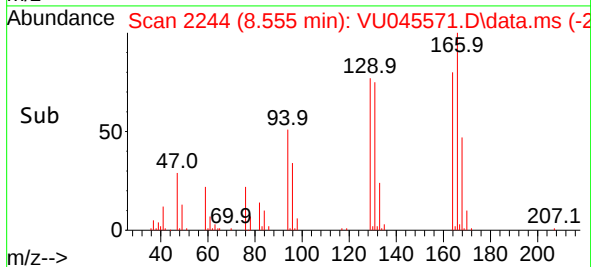
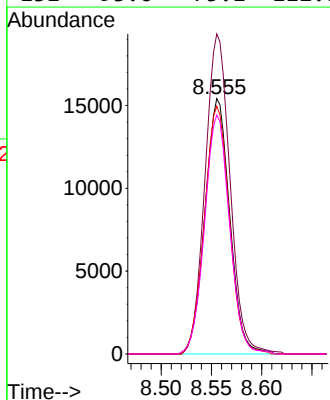
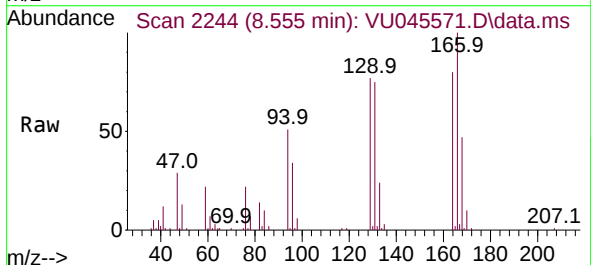
Manual Integrations
APPROVED

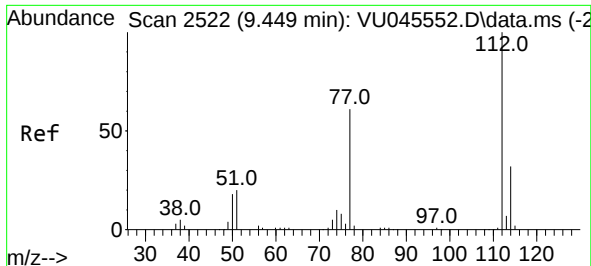
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#64
Tetrachloroethene
Concen: 20.694 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion:164 Resp: 26549
Ion Ratio Lower Upper
164 100
166 125.3 102.2 153.4
129 97.0 78.2 117.4
131 93.6 75.1 112.7





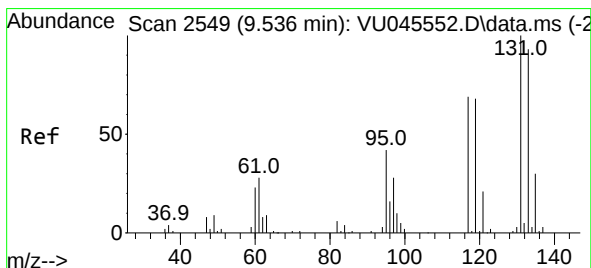
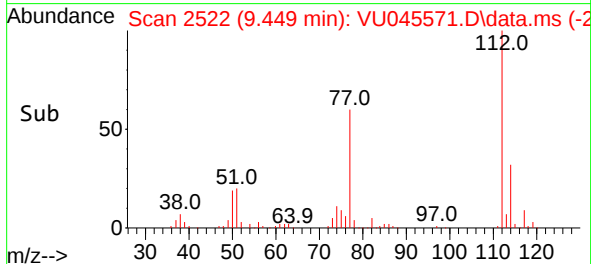
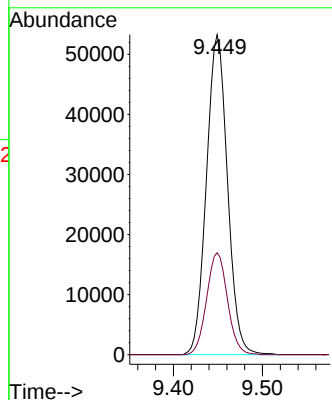
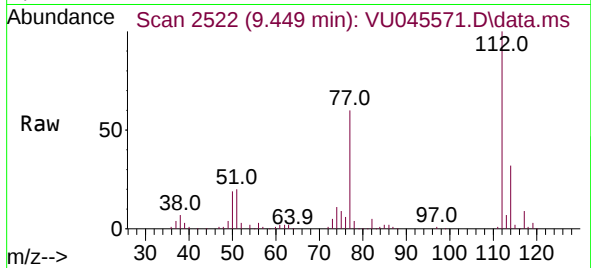
#65
Chlorobenzene
Concen: 19.889 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion:112 Resp: 87325
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

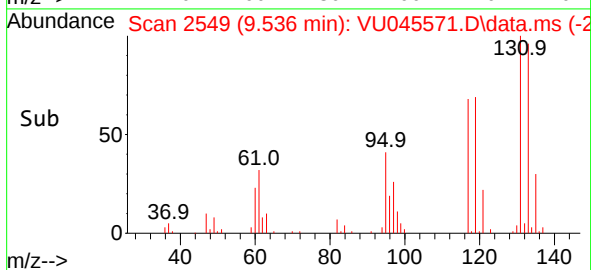
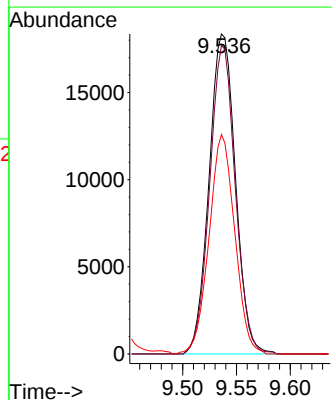
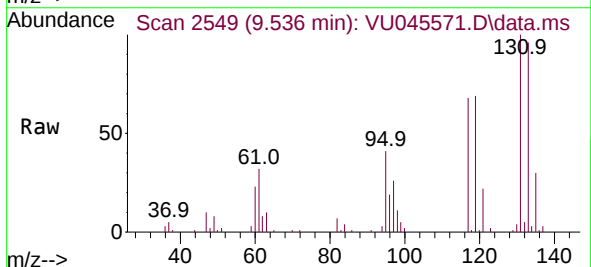
Manual Integrations
APPROVED

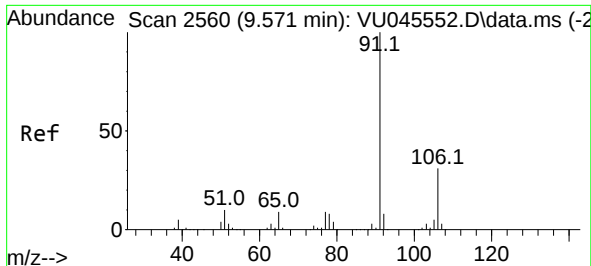
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.973 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Tgt Ion:131 Resp: 31276
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.6
119 66.9 34.5 103.6





#67

Ethyl Benzene

Concen: 20.038 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion: 91 Resp: 157558

Ion Ratio Lower Upper

91 100

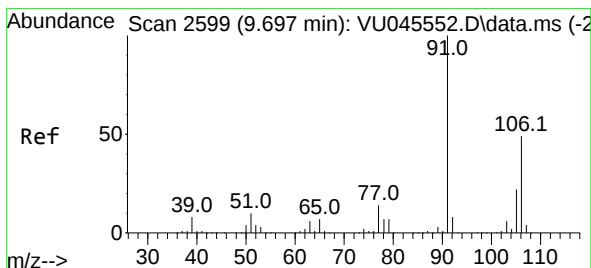
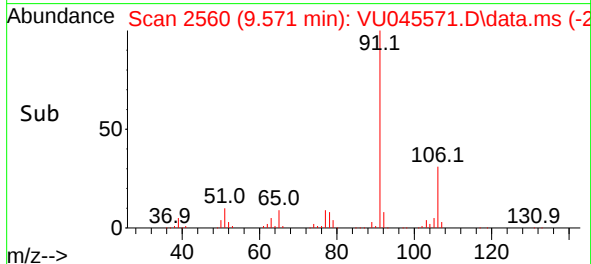
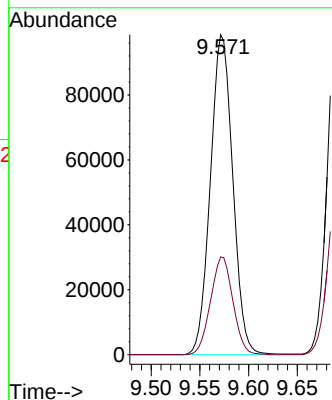
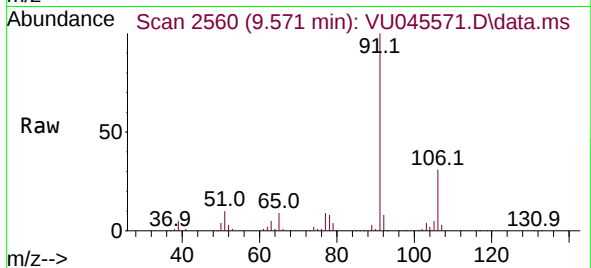
106 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#68

m/p-Xylenes

Concen: 40.695 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045571.D

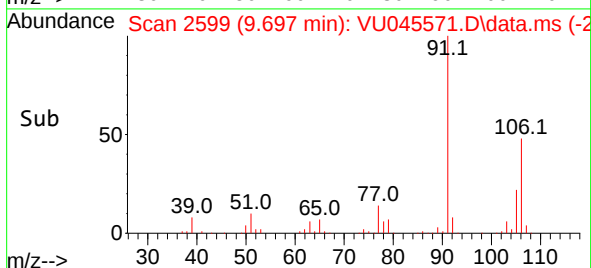
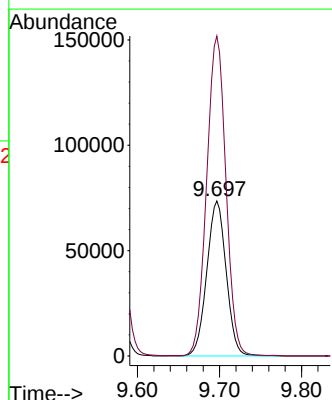
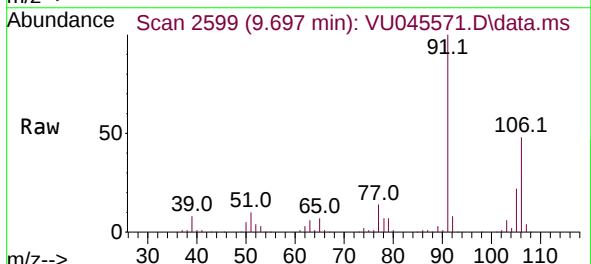
Acq: 05 Nov 2021 20:01

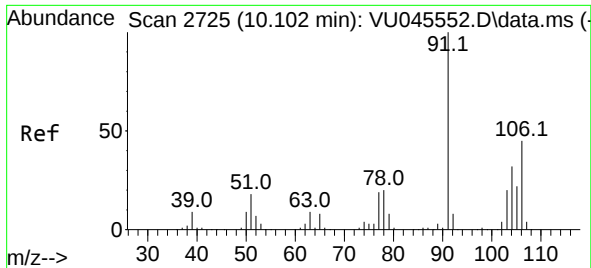
Tgt Ion:106 Resp: 120675

Ion Ratio Lower Upper

106 100

91 204.8 164.7 247.1





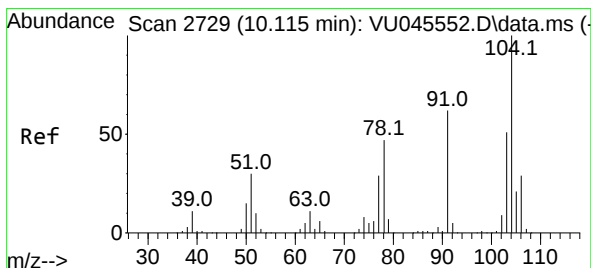
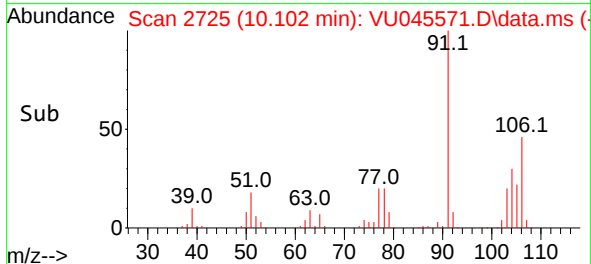
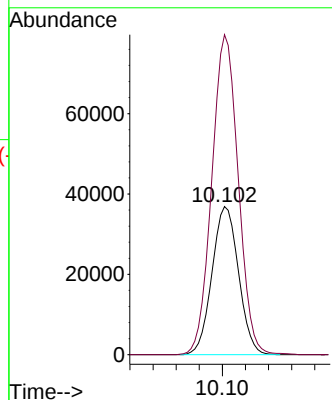
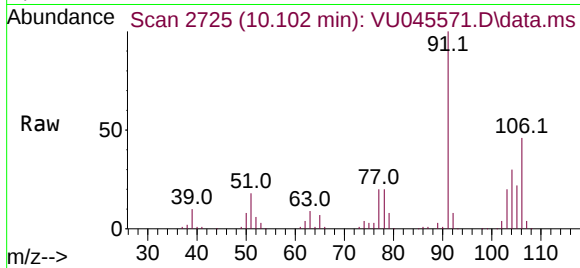
#69
o-Xylene
Concen: 20.361 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion:106 Resp: 58698
Ion Ratio Lower Upper
106 100
91 215.7 108.7 326.3

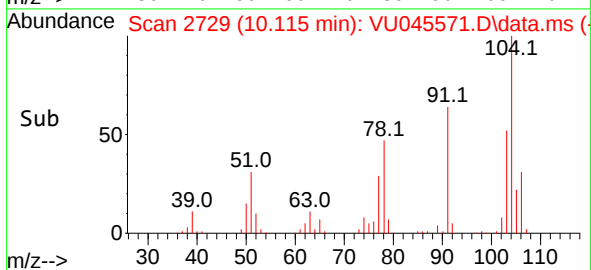
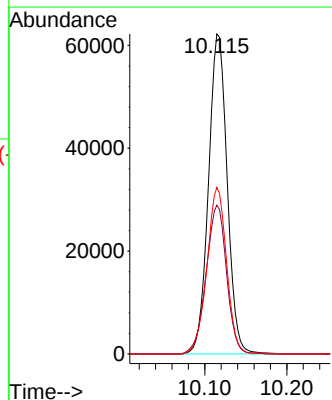
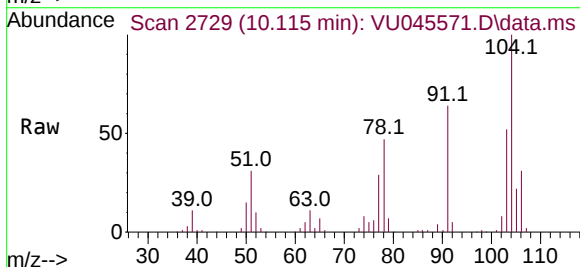
Manual Integrations
APPROVED

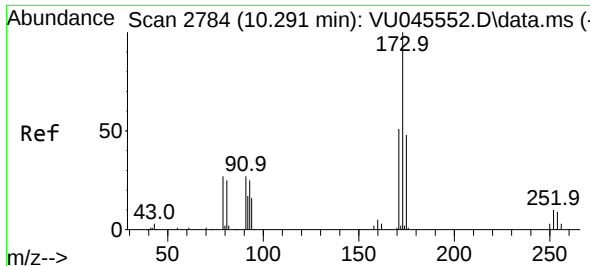
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#70
Styrene
Concen: 20.233 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

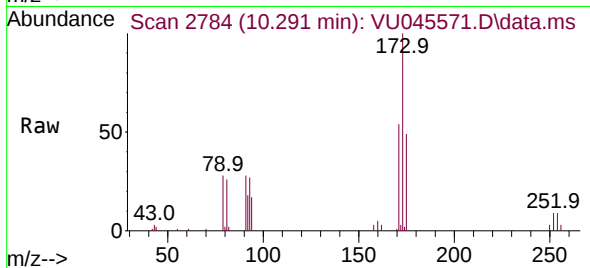
Tgt Ion:104 Resp: 98679
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.6
103 54.5 43.8 65.6





#71
Bromoform
Concen: 18.926 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

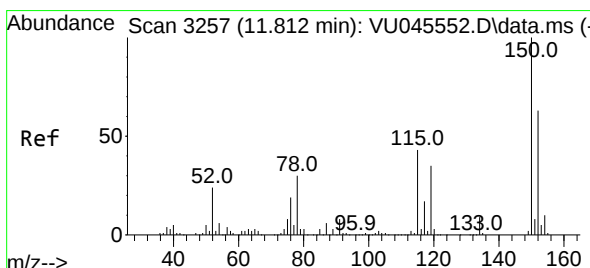
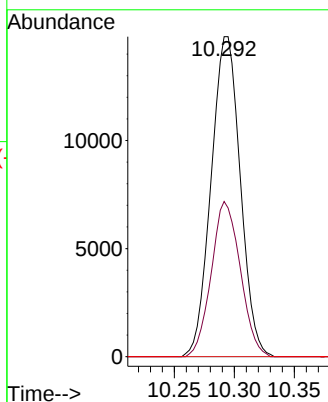
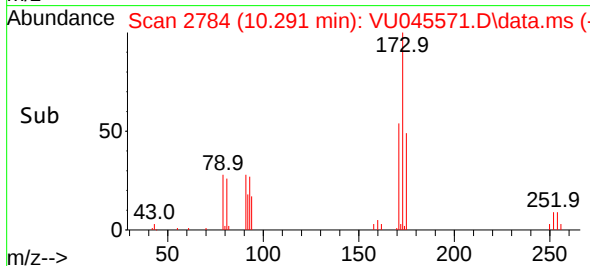
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



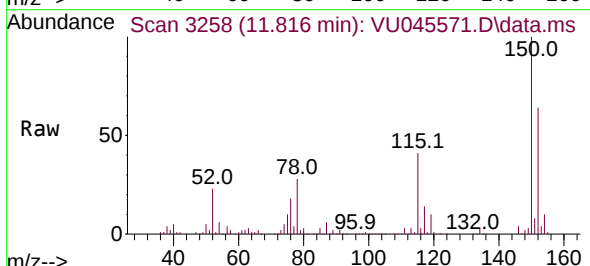
Tgt Ion:173 Resp: 2502
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

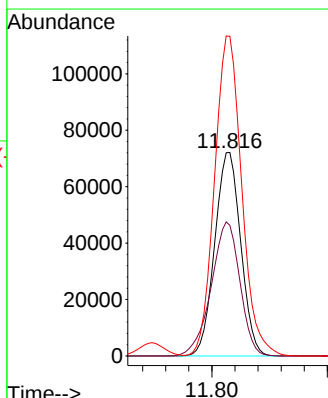
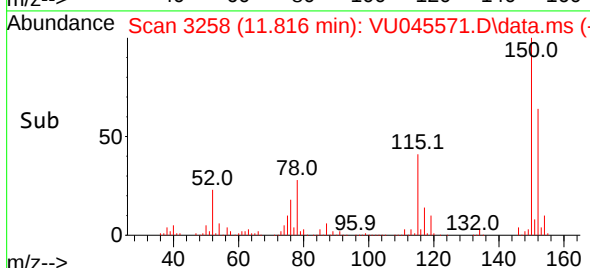
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

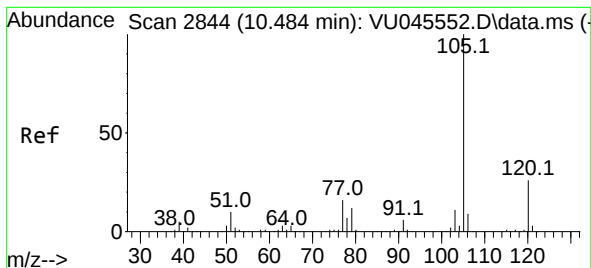


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



Tgt Ion:152 Resp: 112786
Ion Ratio Lower Upper
152 100
115 72.5 42.7 128.1
150 164.5 0.0 346.8





#73

Isopropylbenzene

Concen: 21.068 ug/l

RT: 10.488 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

Tgt Ion:105 Resp: 15525

Ion Ratio Lower Upper

105 100

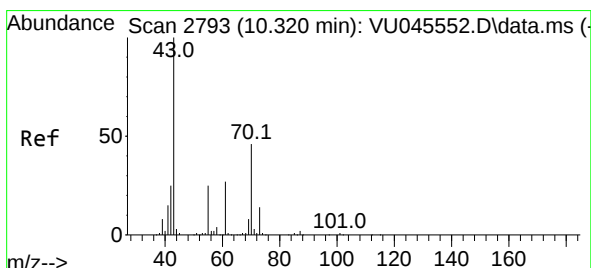
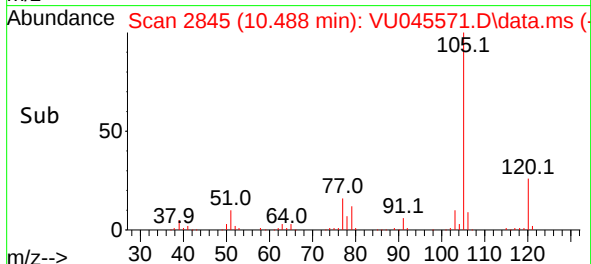
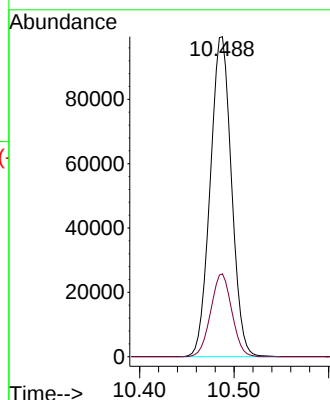
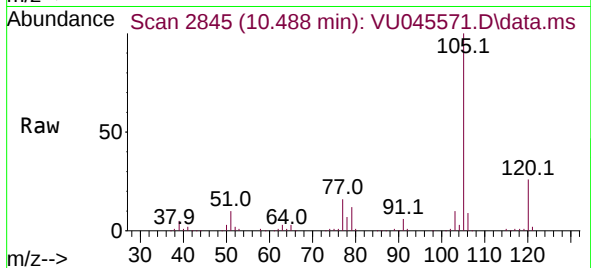
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#74

N-ethyl acetate

Concen: 20.171 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Tgt Ion: 43 Resp: 67058

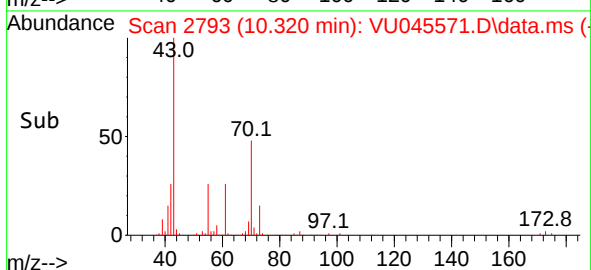
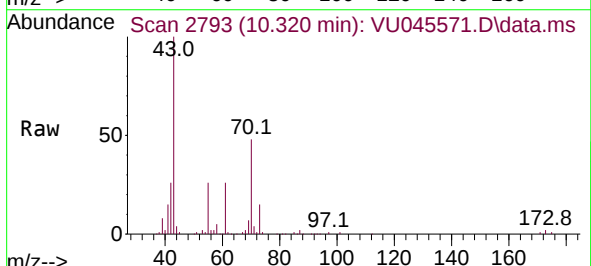
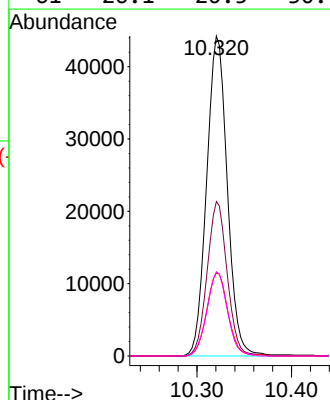
Ion Ratio Lower Upper

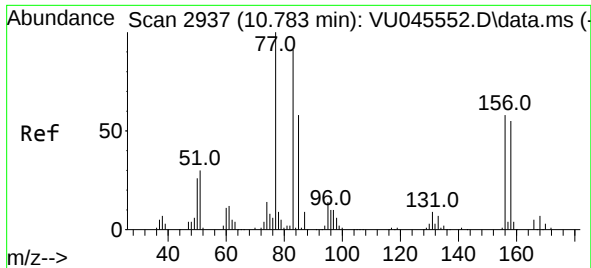
43 100

70 47.0 36.9 55.3

55 26.7 20.6 31.0

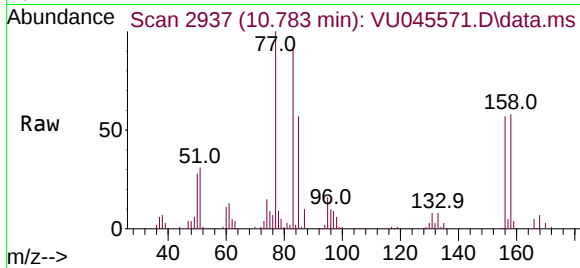
61 26.1 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.392 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

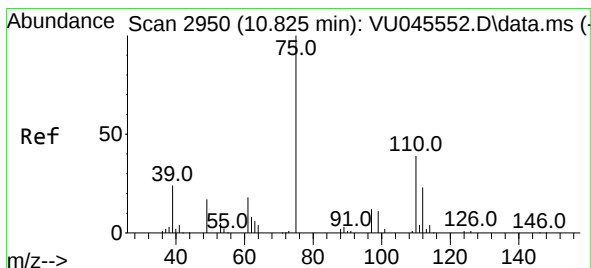
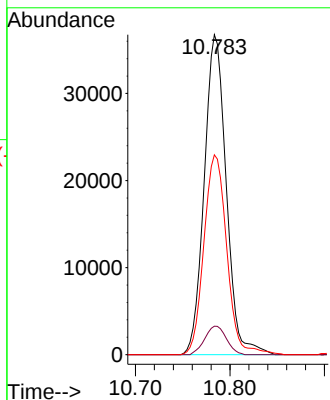
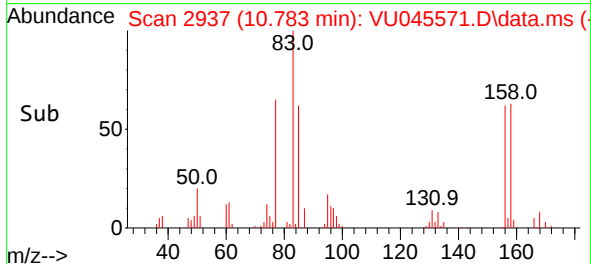
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



Tgt Ion: 83 Resp: 59540
Ion Ratio Lower Upper
83 100
131 8.7 4.4 13.2
85 64.9 31.9 95.9

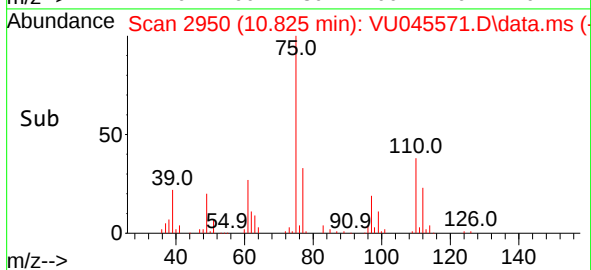
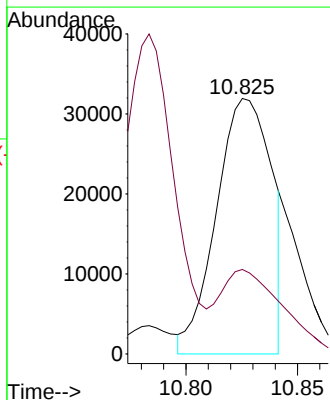
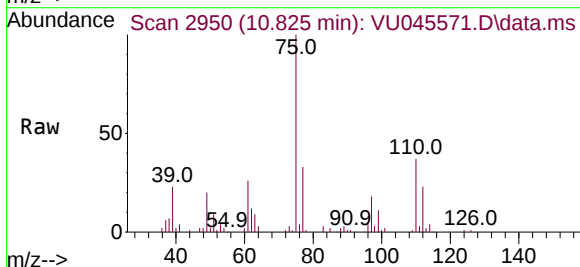
Manual Integrations
APPROVED

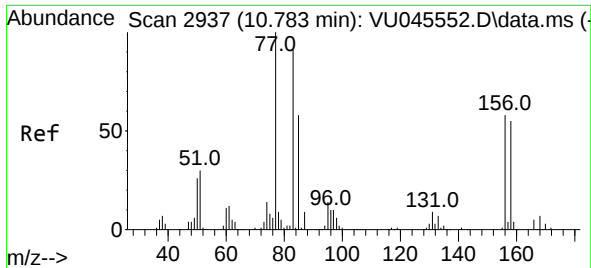
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#76
1,2,3-Trichloropropane
Concen: 15.971 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

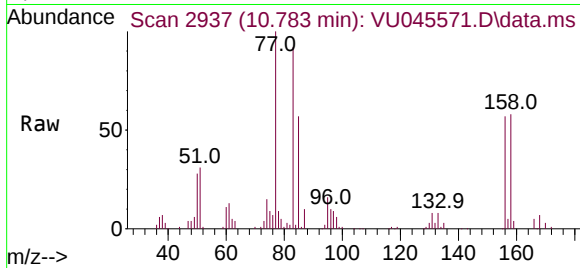
Tgt Ion: 75 Resp: 54627
Ion Ratio Lower Upper
75 100
77 38.2 17.1 51.3





#77
Bromobenzene
Concen: 20.423 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

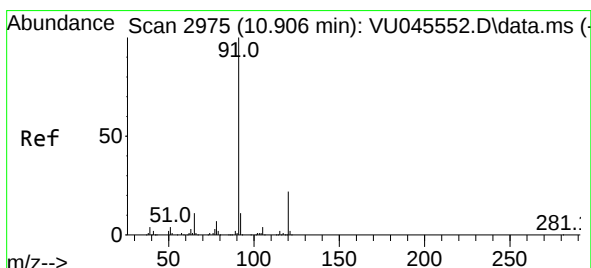
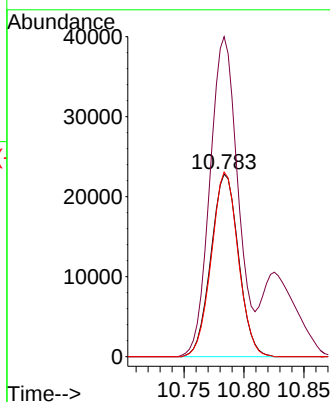
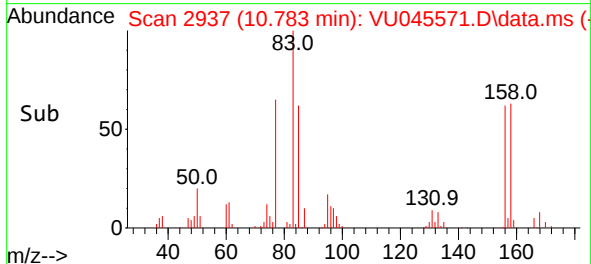
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



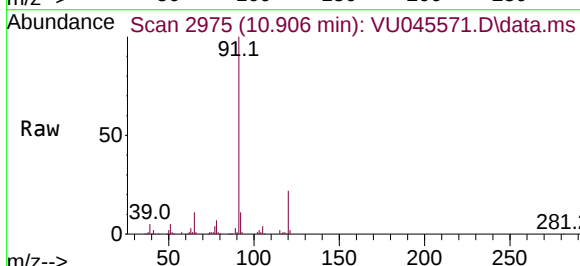
Tgt Ion:156 Resp: 3654
Ion Ratio Lower Upper
156 100
77 177.5 91.1 273.4
158 98.4 47.9 143.6

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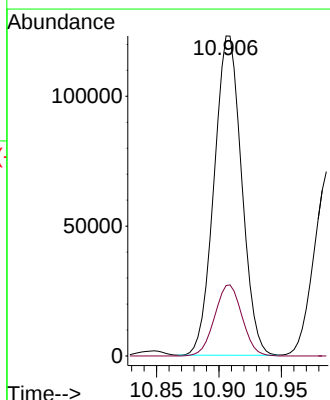
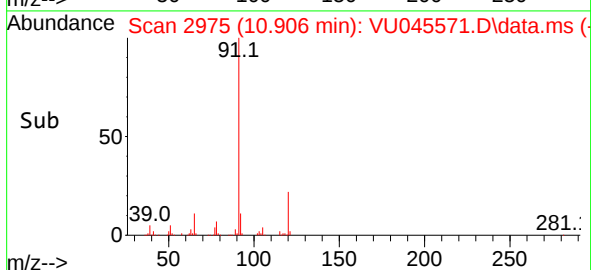
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

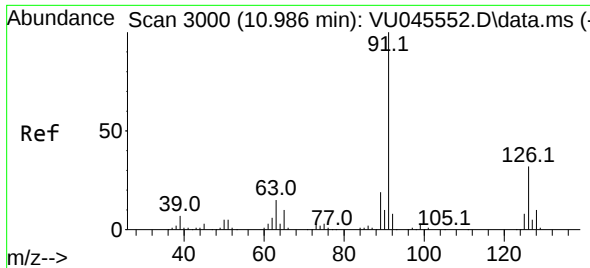


#78
n-propylbenzene
Concen: 20.634 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



Tgt Ion: 91 Resp: 189252
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.7





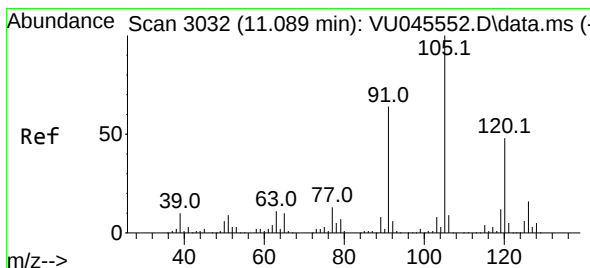
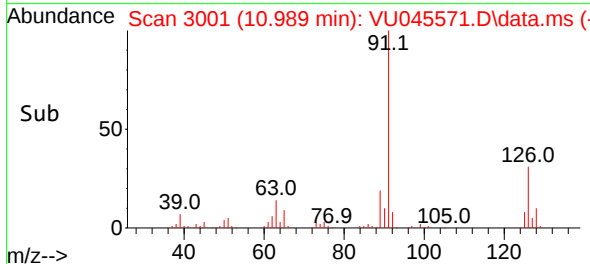
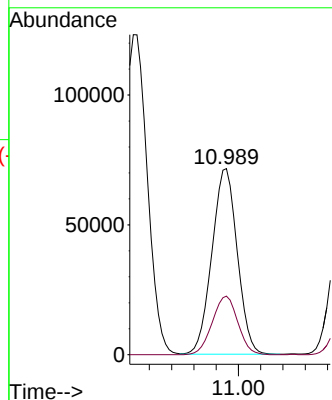
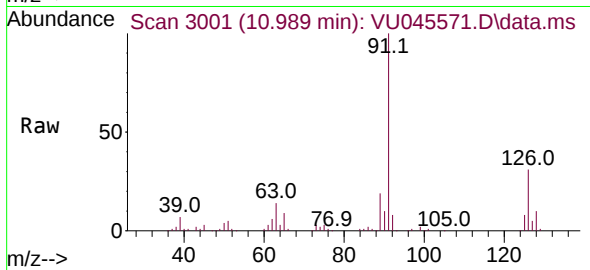
#79
2-Chlorotoluene
Concen: 20.839 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01

Tgt Ion: 91 Resp: 112924
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.8

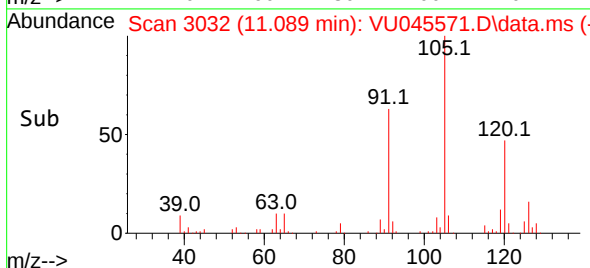
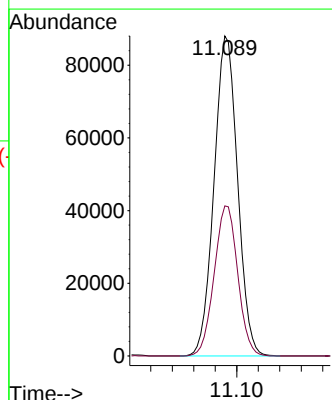
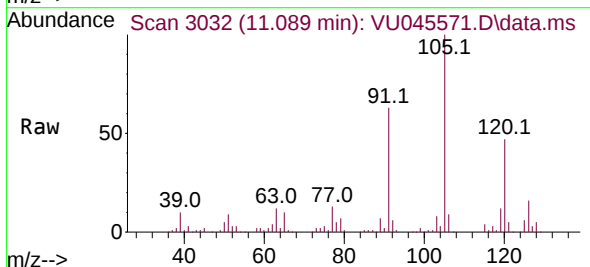
Manual Integrations
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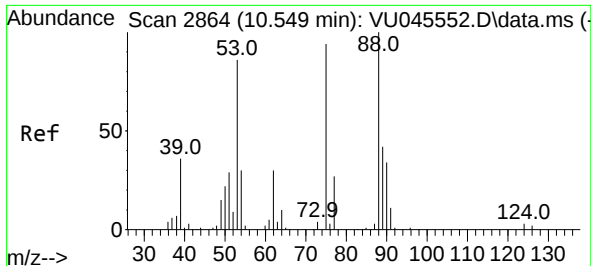
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.762 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

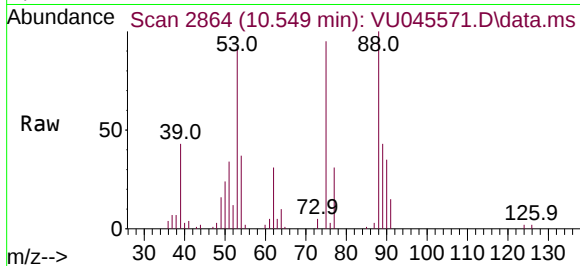
Tgt Ion:105 Resp: 133682
Ion Ratio Lower Upper
105 100
120 46.9 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.856 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

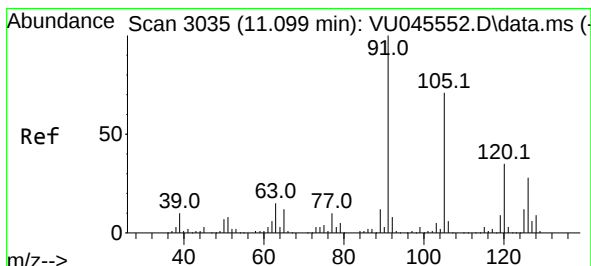
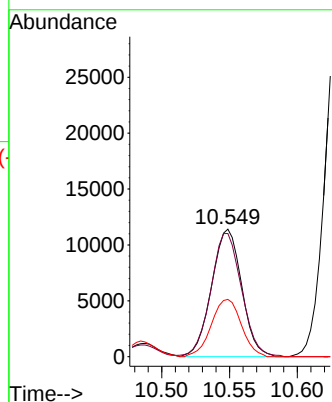
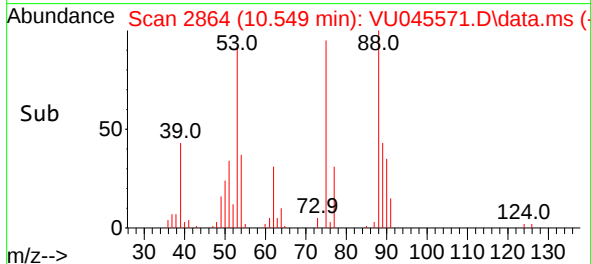
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



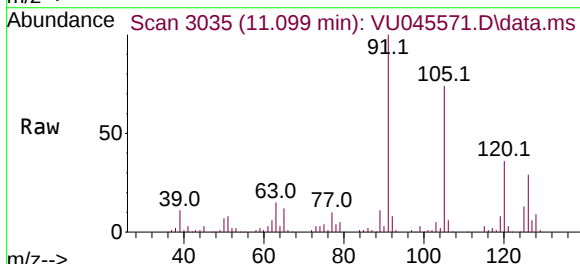
Tgt Ion: 75 Resp: 1761
Ion Ratio Lower Upper
75 100
53 98.8 76.2 114.4
89 44.8 34.0 51.0

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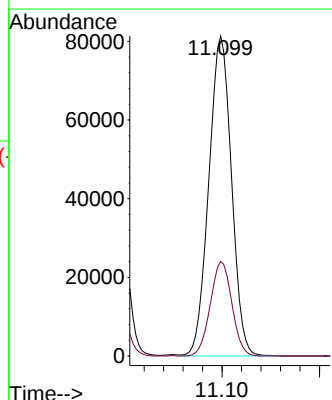
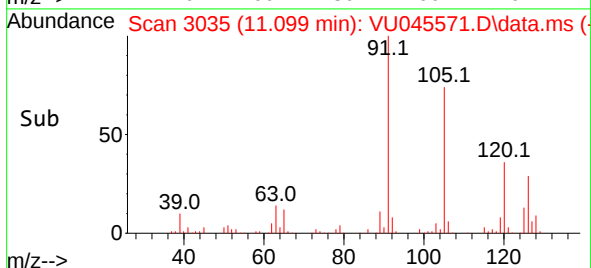
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

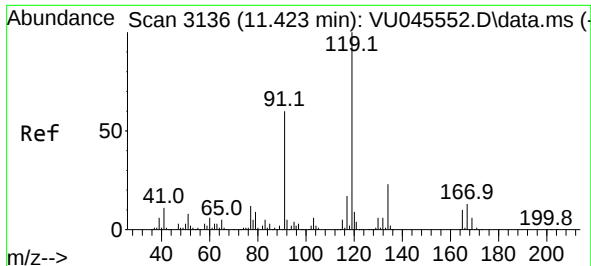


#82
4-Chlorotoluene
Concen: 20.664 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



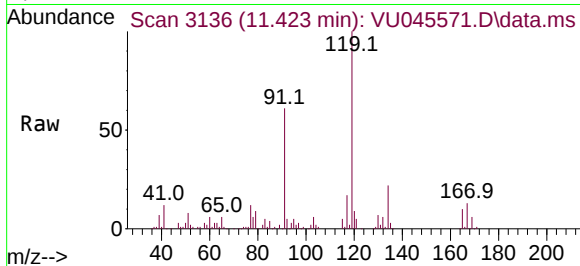
Tgt Ion: 91 Resp: 131321
Ion Ratio Lower Upper
91 100
126 28.0 13.8 41.4





#83
tert-Butylbenzene
Concen: 20.703 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

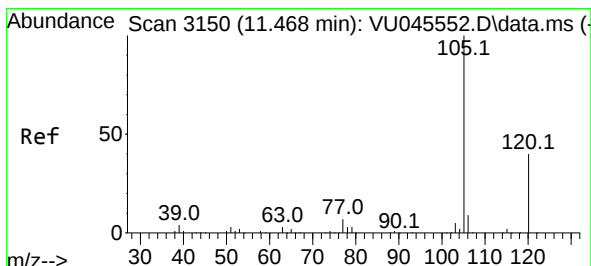
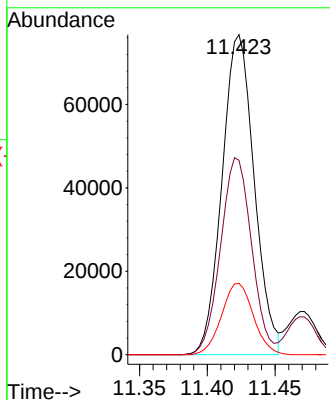
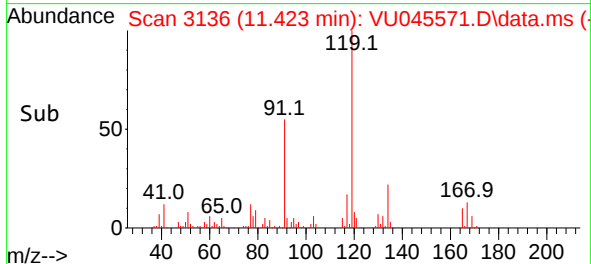
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



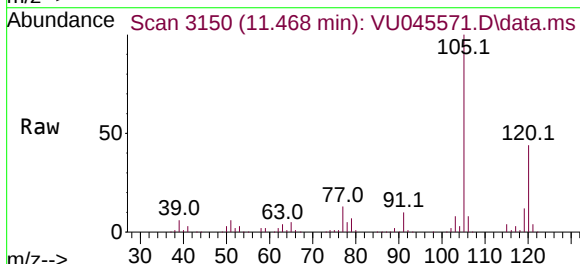
Tgt Ion:119 Resp: 127070
Ion Ratio Lower Upper
119 100
91 59.3 30.5 91.5
134 22.0 11.5 34.5

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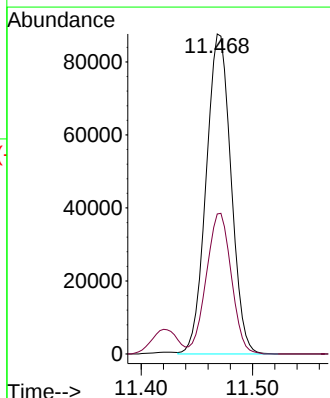
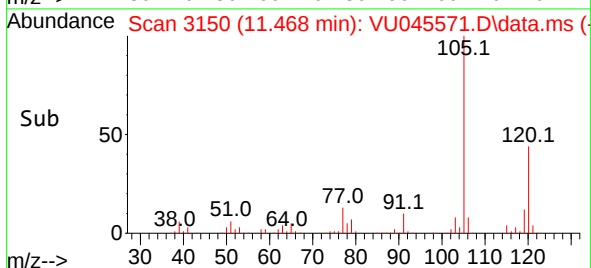
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

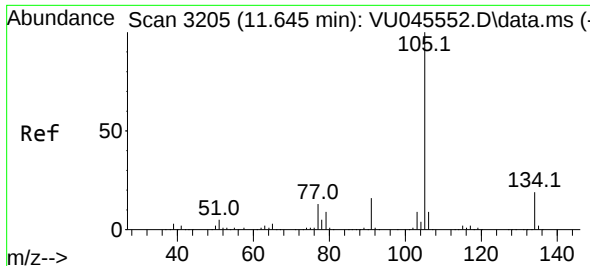


#84
1,2,4-Trimethylbenzene
Concen: 21.225 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



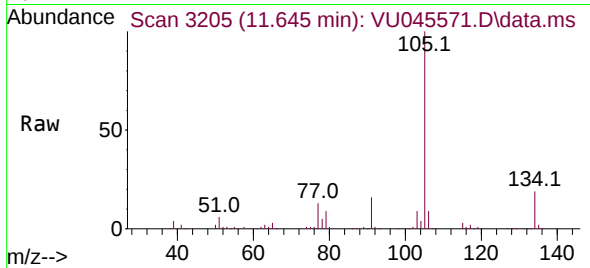
Tgt Ion:105 Resp: 135825
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 20.501 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045571.D
 Acq: 05 Nov 2021 20:01

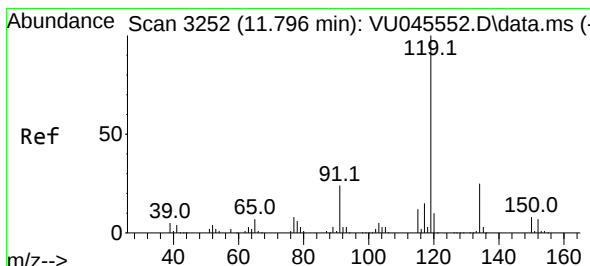
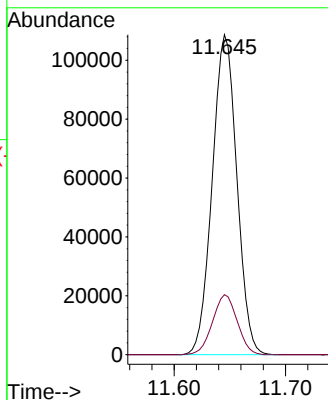
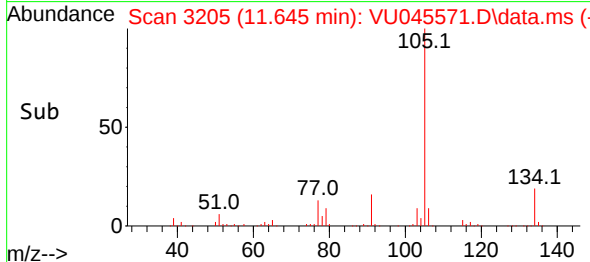
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBSD01



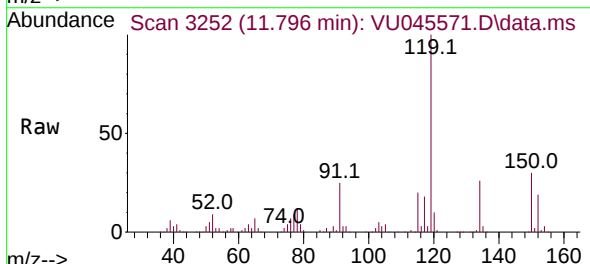
Tgt Ion:105 Resp: 16687
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3

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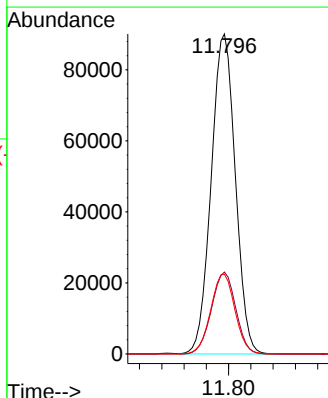
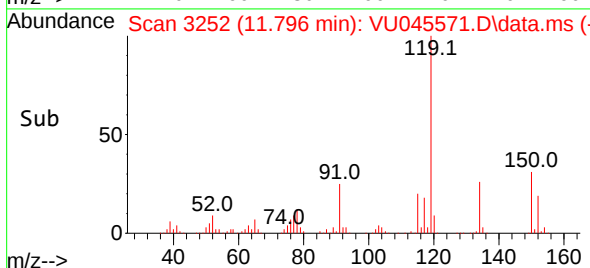
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021

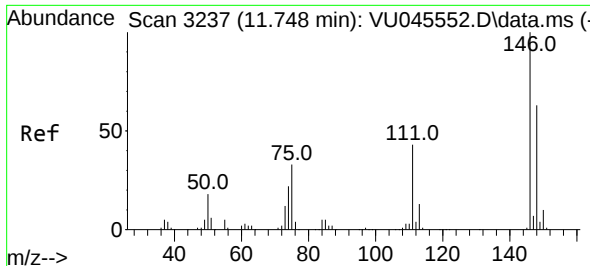


#86
 p-Isopropyltoluene
 Concen: 19.926 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045571.D
 Acq: 05 Nov 2021 20:01



Tgt Ion:119 Resp: 135541
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 25.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.582 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBSD01

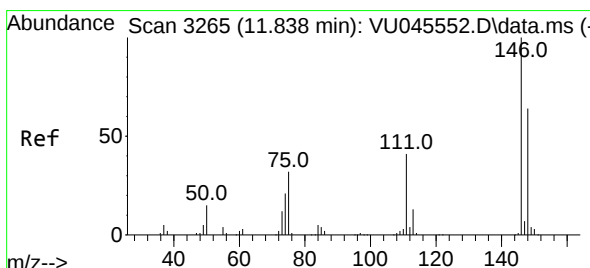
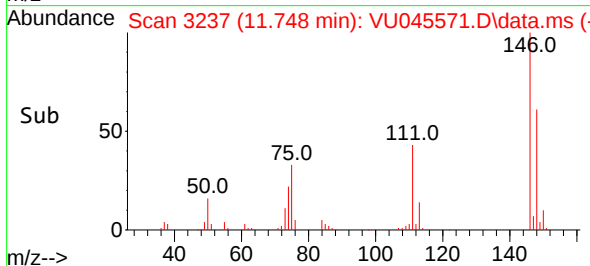
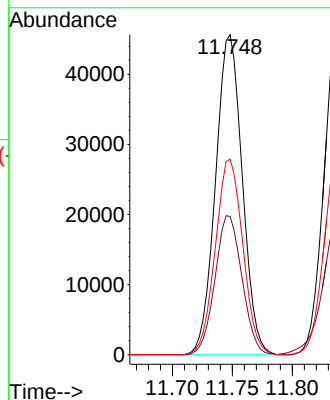
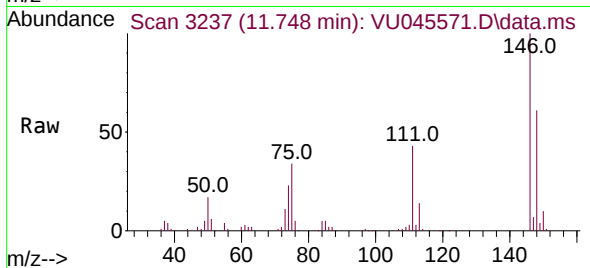
Tgt Ion:146 Resp: 70692
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.3 63.9
 148 62.9 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#88

1,4-Dichlorobenzene

Concen: 20.054 ug/l

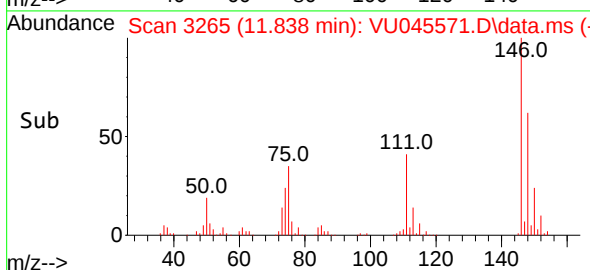
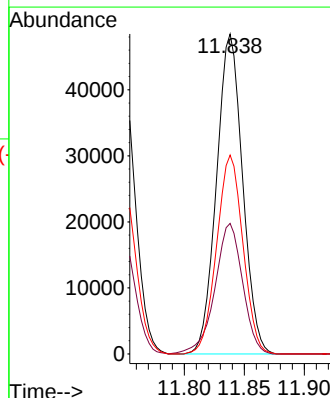
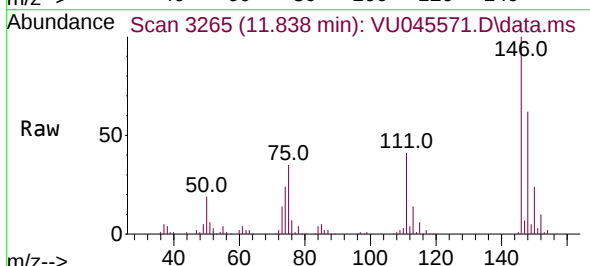
RT: 11.838 min Scan# 3265

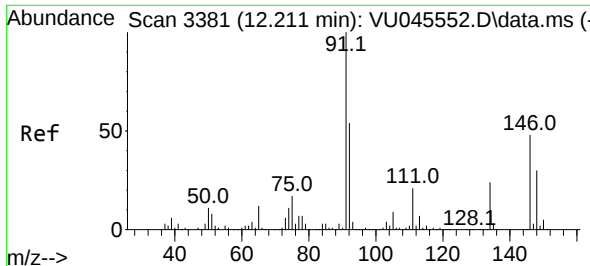
Delta R.T. 0.000 min

Lab File: VU045571.D

Acq: 05 Nov 2021 20:01

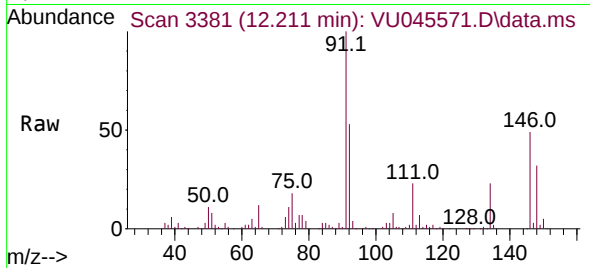
Tgt Ion:146 Resp: 73222
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.6 61.9
 148 62.7 31.9 95.7





#89
n-Butylbenzene
Concen: 19.635 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

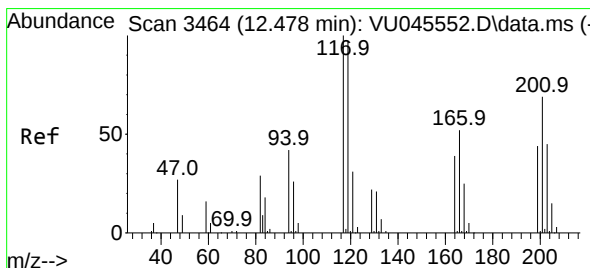
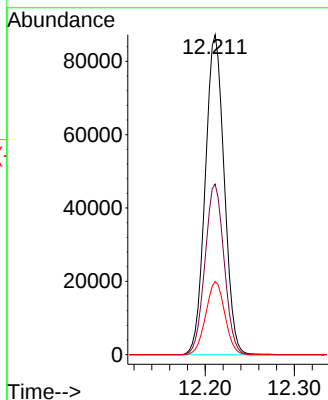
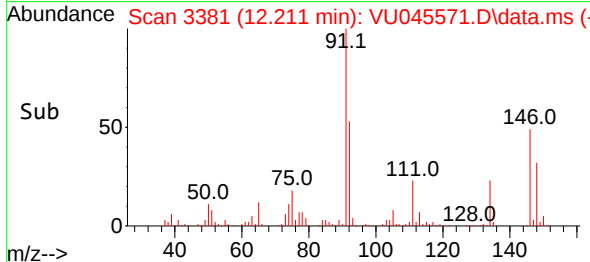
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



Tgt Ion: 91 Resp: 12865
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.2
134 23.0 11.8 35.4

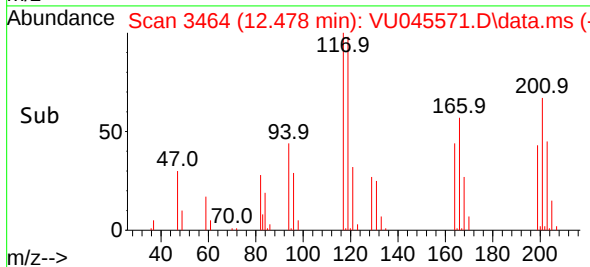
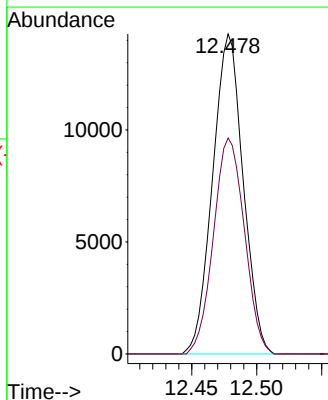
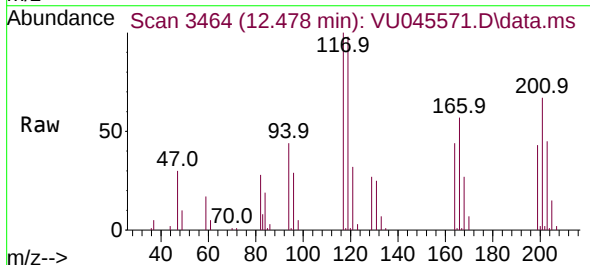
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Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#90
Hexachloroethane
Concen: 18.964 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

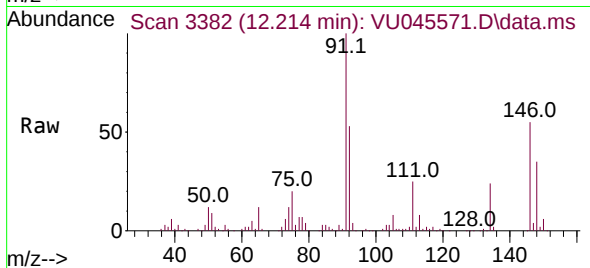
Tgt Ion:117 Resp: 23271
Ion Ratio Lower Upper
117 100
201 68.4 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 20.199 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

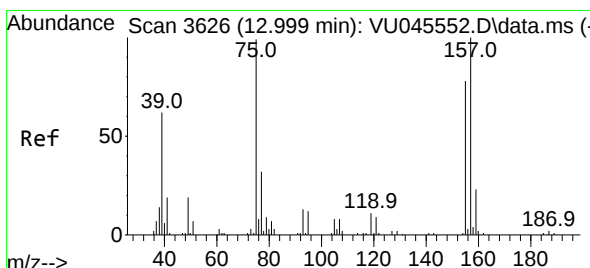
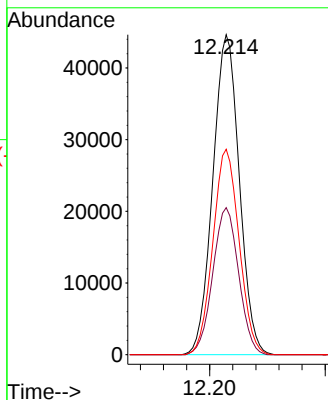
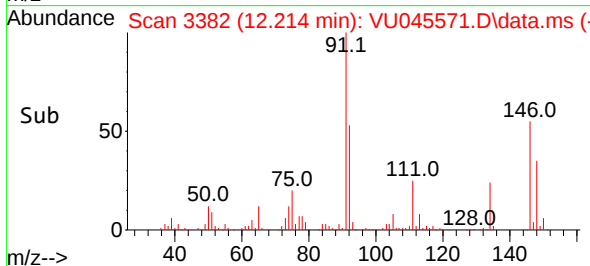
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



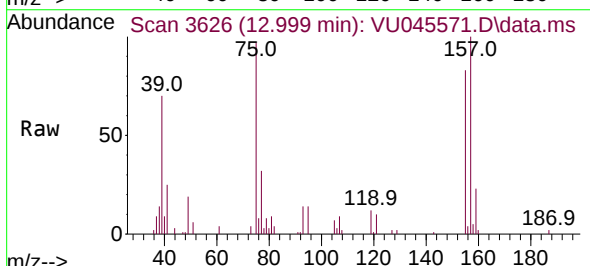
Tgt Ion:146 Resp: 7094
Ion Ratio Lower Upper
146 100
111 45.0 21.9 65.5
148 63.7 32.1 96.3

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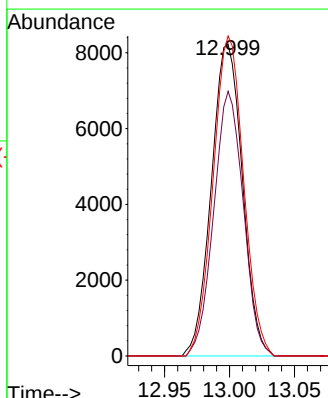
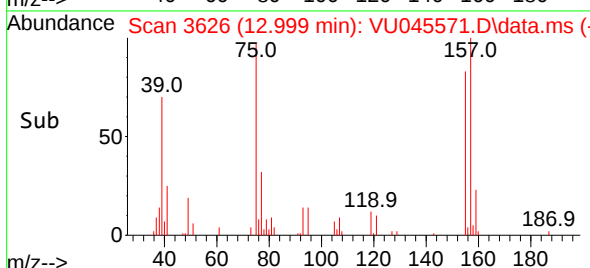
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

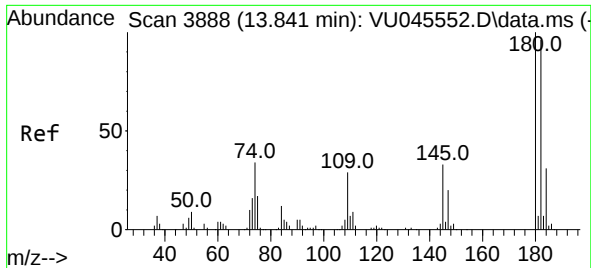


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.850 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



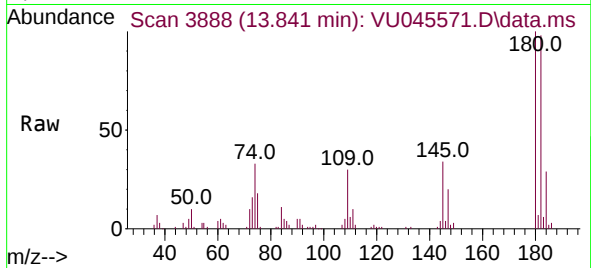
Tgt Ion: 75 Resp: 13675
Ion Ratio Lower Upper
75 100
155 80.7 37.8 113.3
157 100.5 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 19.092 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

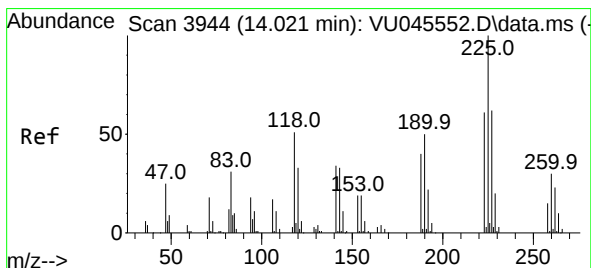
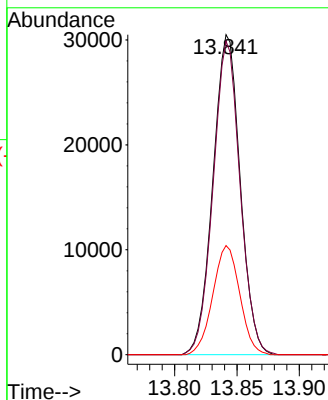
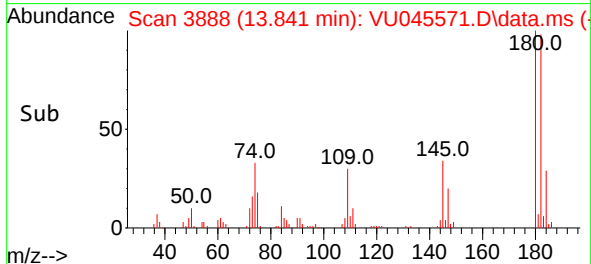
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



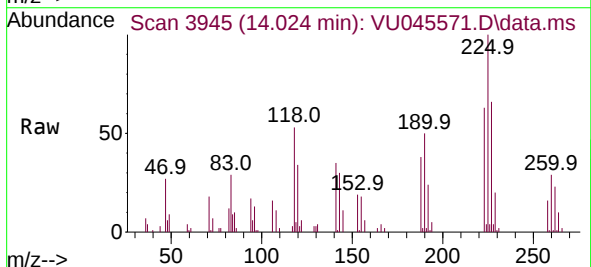
Tgt Ion:180 Resp: 46364
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.2
145 33.7 15.6 46.7

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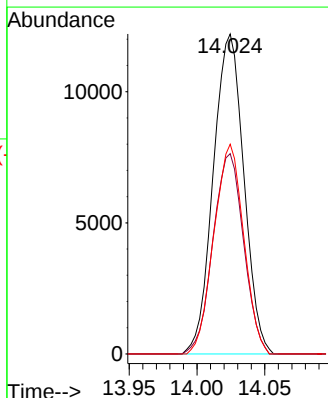
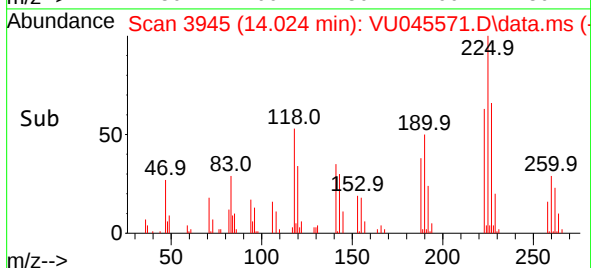
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

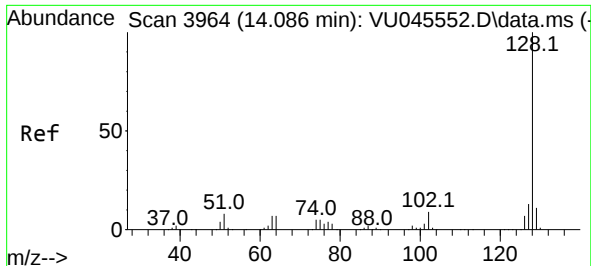


#94
Hexachlorobutadiene
Concen: 18.256 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



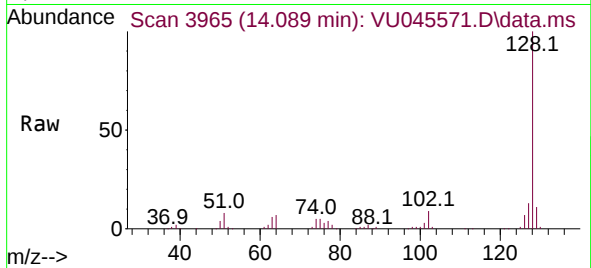
Tgt Ion:225 Resp: 19137
Ion Ratio Lower Upper
225 100
223 62.8 32.0 96.2
227 64.0 31.1 93.5





#95
Naphthalene
Concen: 19.572 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01

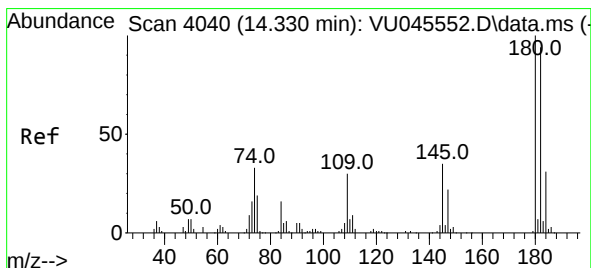
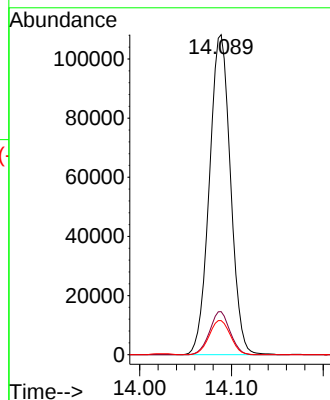
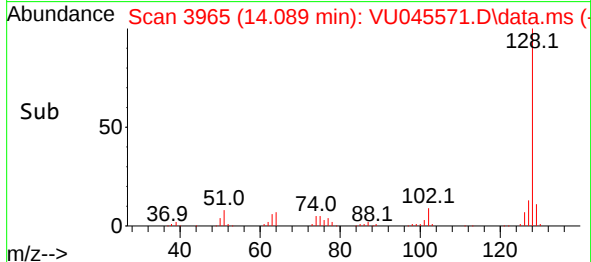
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBSD01



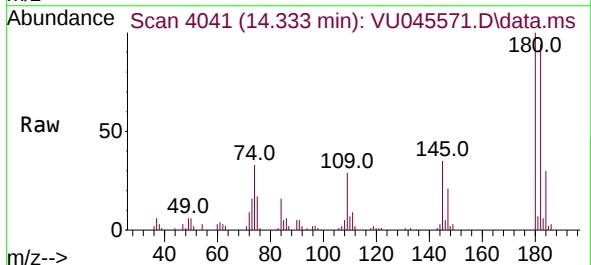
Tgt Ion:128 Resp: 172850
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 20.215 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045571.D
Acq: 05 Nov 2021 20:01



Tgt Ion:180 Resp: 48762
Ion Ratio Lower Upper
180 100
182 95.2 47.7 143.1
145 34.7 16.7 50.0

