

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045760.D
 Acq On : 12 Nov 2021 11:43
 Operator : SY/MD
 Sample : VU1112WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 15 05:17:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	106190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	186323	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	182053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	93588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	81441	51.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.420%			
35) Dibromofluoromethane	5.292	113	62332	50.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	7.900	98	228453	49.387	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.780%			
62) 4-Bromofluorobenzene	10.636	95	88386	47.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	24527	17.814	ug/l	96
3) Chloromethane	1.520	50	27212	17.274	ug/l	100
4) Vinyl Chloride	1.604	62	28888	18.825	ug/l	98
5) Bromomethane	1.852	94	18598	21.729	ug/l	93
6) Chloroethane	1.932	64	17796	17.770	ug/l	99
7) Trichlorofluoromethane	2.138	101	40391	19.905	ug/l	97
8) Diethyl Ether	2.376	74	15890	19.782	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.582	101	23426	19.770	ug/l	97
10) Methyl Iodide	2.723	142	23524	15.171	ug/l #	90
11) Tert butyl alcohol	3.176	59	34435	109.396	ug/l	100
12) 1,1-Dichloroethene	2.582	96	21942	18.782	ug/l	94
13) Acrolein	2.485	56	4726	103.606	ug/l	95
14) Allyl chloride	2.926	41	39377	18.876	ug/l	97
15) Acrylonitrile	3.315	53	89776	106.823	ug/l	98
16) Acetone	2.623	43	85037	105.042	ug/l	99
17) Carbon Disulfide	2.794	76	53924	16.479	ug/l	100
18) Methyl Acetate	2.948	43	58362	21.166	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	86138	20.483	ug/l	98
20) Methylene Chloride	3.048	84	28996	20.613	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	23633	19.444	ug/l	94
22) Diisopropyl ether	3.996	45	85240	20.811	ug/l	96
23) Vinyl Acetate	3.958	43	323962	102.836	ug/l	100
24) 1,1-Dichloroethane	3.871	63	50811	20.817	ug/l	98
25) 2-Butanone	4.700	43	120926	107.699	ug/l	100
26) 2,2-Dichloropropane	4.668	77	39730	19.643	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	28776	20.158	ug/l	99
28) Bromochloromethane	4.977	49	24551	21.098	ug/l	95
29) Tetrahydrofuran	5.051	42	72518	105.587	ug/l	100
30) Chloroform	5.093	83	50364	20.864	ug/l	95
31) Cyclohexane	5.392	56	42864	18.472	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	42251	20.525	ug/l	98
36) 1,1-Dichloropropene	5.530	75	35256	19.406	ug/l	99
37) Ethyl Acetate	4.807	43	44119	21.140	ug/l	100
38) Carbon Tetrachloride	5.530	117	35389	19.321	ug/l	99
39) Methylcyclohexane	6.768	83	39920	17.911	ug/l	97
40) Benzene	5.778	78	105328	19.582	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	23493	21.301	ug/l	97
42) 1,2-Dichloroethane	5.797	62	41261	21.237	ug/l	100
43) Isopropyl Acetate	5.913	43	64863	20.320	ug/l	100
44) Trichloroethene	6.546	130	26307	20.432	ug/l	96
45) 1,2-Dichloropropane	6.794	63	29071	20.426	ug/l	98
46) Dibromomethane	6.922	93	20825	21.117	ug/l	99
47) Bromodichloromethane	7.109	83	40362	21.571	ug/l	99
48) Methyl methacrylate	6.964	41	29778	20.268	ug/l	97
49) 1,4-Dioxane	6.964	88	16632	440.191	ug/l #	95
51) 4-Methyl-2-Pentanone	7.794	43	222653	105.738	ug/l	99
52) Toluene	7.970	92	67120	20.382	ug/l	99
53) t-1,3-Dichloropropene	8.212	75	41499	19.298	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	46328	20.283	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	29883	21.895	ug/l	96
56) Ethyl methacrylate	8.334	69	41903	18.711	ug/l	99
57) 1,3-Dichloropropane	8.578	76	51810	21.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.466	63	100014	79.598	ug/l	100
59) 2-Hexanone	8.684	43	168851	96.913	ug/l	98
60) Dibromochloromethane	8.813	129	29595	20.825	ug/l	96
61) 1,2-Dibromoethane	8.925	107	29908	20.432	ug/l	99
64) Tetrachloroethene	8.556	164	23481	22.472	ug/l	97
65) Chlorobenzene	9.449	112	70456	19.703	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	26304	20.624	ug/l	98
67) Ethyl Benzene	9.572	91	123939	19.354	ug/l	100
68) m/p-Xylenes	9.697	106	95477	39.533	ug/l	99
69) o-Xylene	10.102	106	46736	19.904	ug/l	98
70) Styrene	10.118	104	79729	20.071	ug/l	98
71) Bromoform	10.295	173	21655	19.918	ug/l #	98
73) Isopropylbenzene	10.488	105	125315	20.493	ug/l	99
74) N-amyl acetate	10.321	43	50028	18.135	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	50485	20.838	ug/l	100
76) 1,2,3-Trichloropropane	10.826	75	46611m	16.423	ug/l	
77) Bromobenzene	10.787	156	30249	20.374	ug/l	97
78) n-propylbenzene	10.909	91	150173	19.732	ug/l	98
79) 2-Chlorotoluene	10.990	91	91465	20.342	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	106919	20.012	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	13153	17.266	ug/l	96
82) 4-Chlorotoluene	11.099	91	105542	20.015	ug/l	99
83) tert-Butylbenzene	11.424	119	99905	19.616	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	106102	19.982	ug/l	100
85) sec-Butylbenzene	11.645	105	133180	19.717	ug/l	99
86) p-Isopropyltoluene	11.797	119	111301	19.719	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	58157	19.414	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	59933	19.782	ug/l	99
89) n-Butylbenzene	12.211	91	99236	18.252	ug/l	99
90) Hexachloroethane	12.478	117	18077	17.753	ug/l	97
91) 1,2-Dichlorobenzene	12.215	146	60172	20.646	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.999	75	10825	18.936	ug/l	96
93) 1,2,4-Trichlorobenzene	13.842	180	36240	17.984	ug/l	97
94) Hexachlorobutadiene	14.025	225	15547	17.873	ug/l	98
95) Naphthalene	14.089	128	133493	18.287	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	38598	19.284	ug/l	98

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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

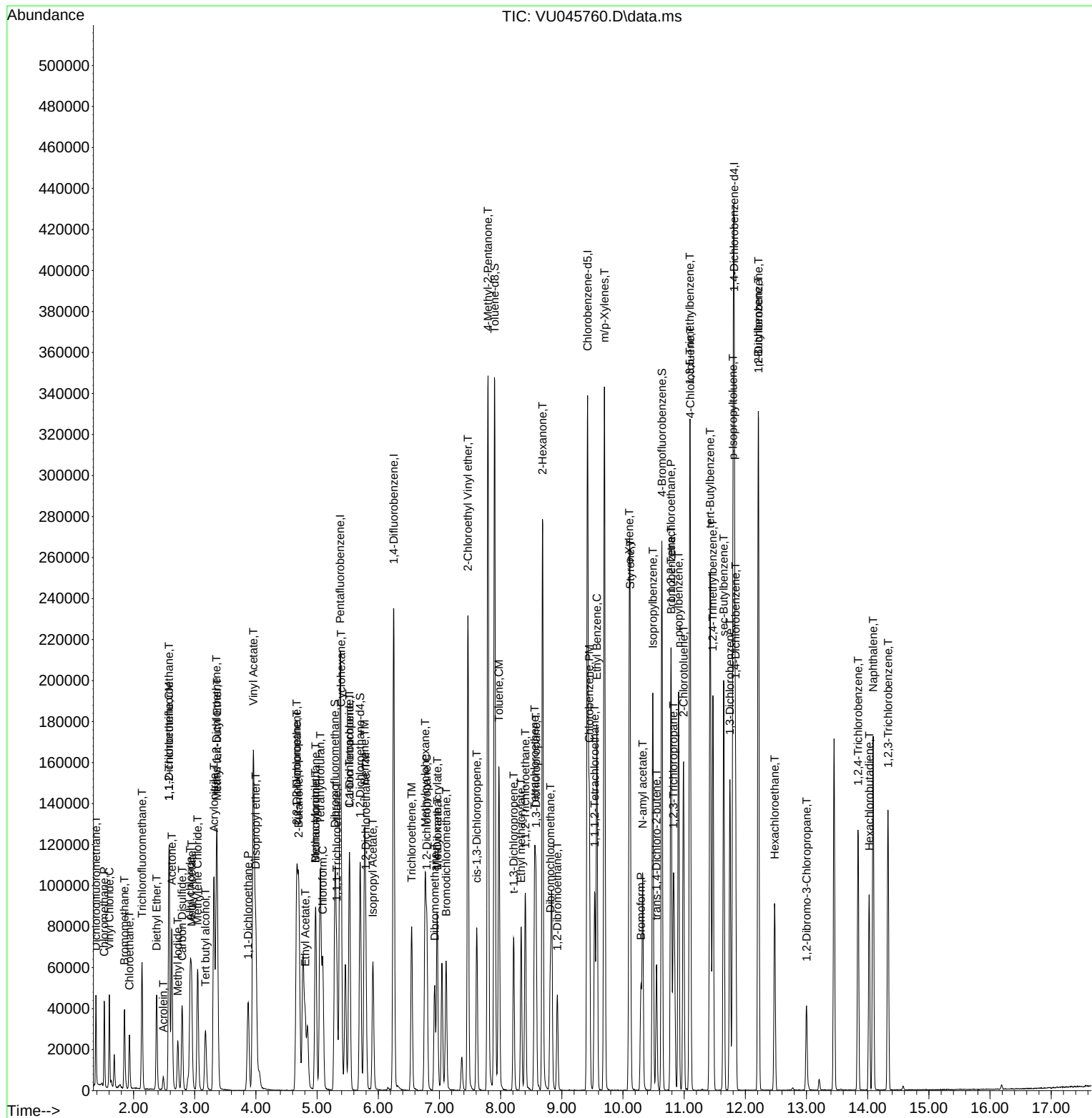
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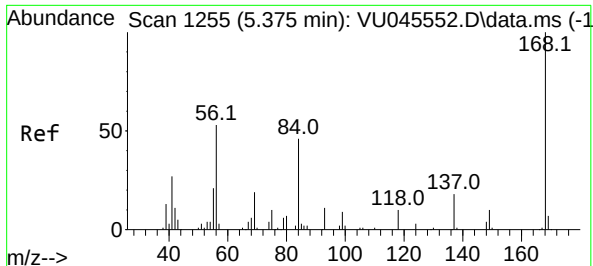
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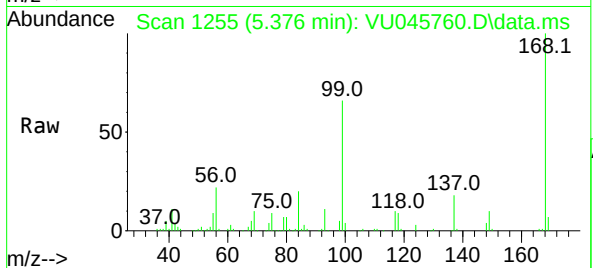
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

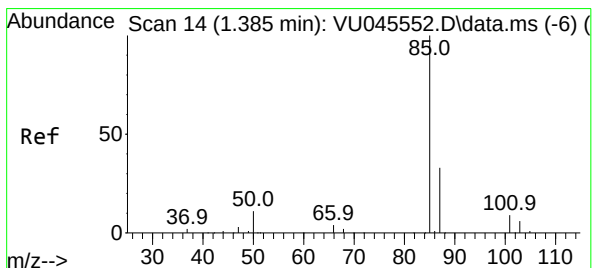
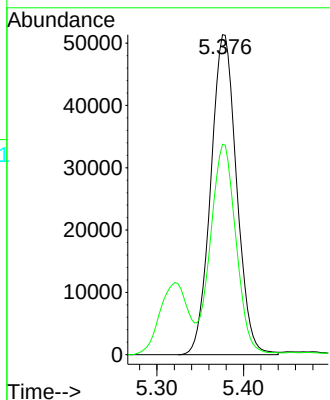
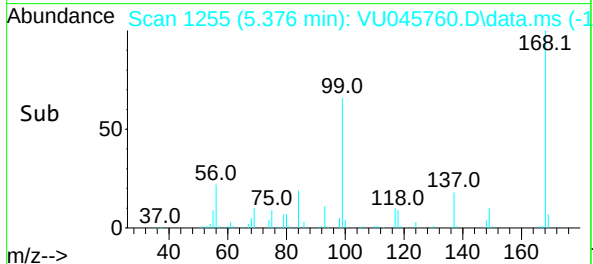
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



Tgt Ion:168 Resp: 106190
Ion Ratio Lower Upper
168 100
99 65.2 51.0 76.6

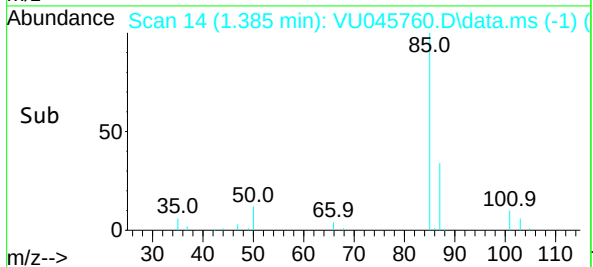
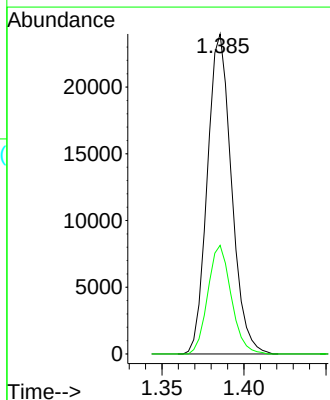
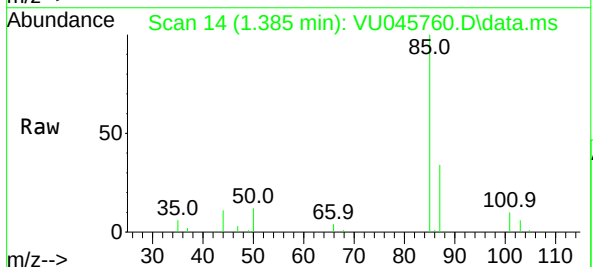
Manual Integrations
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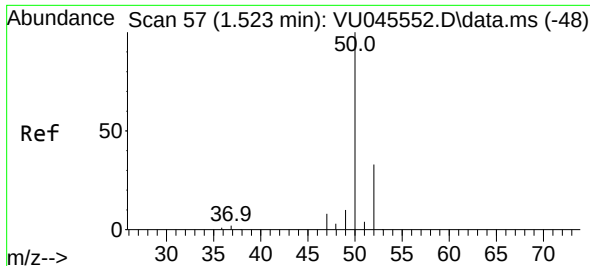
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 17.814 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

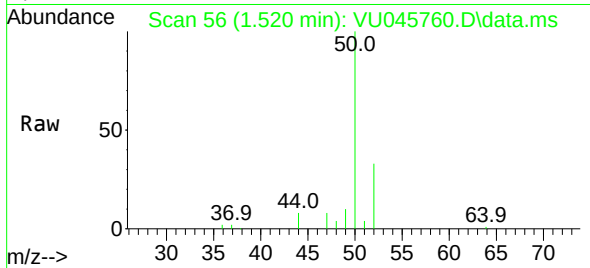
Tgt Ion: 85 Resp: 24527
Ion Ratio Lower Upper
85 100
87 34.0 15.9 47.7





#3
Chloromethane
Concen: 17.274 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

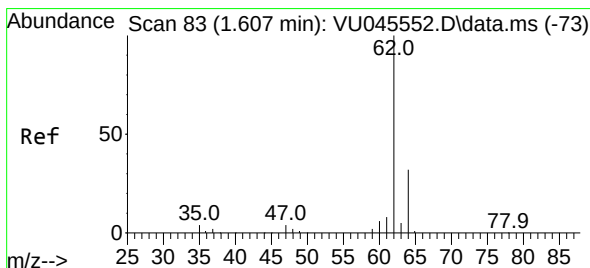
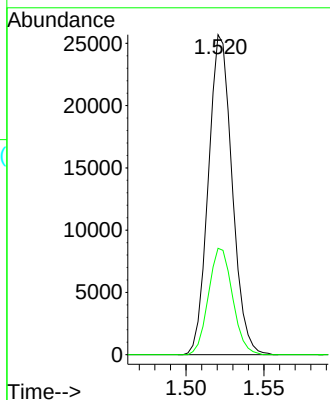
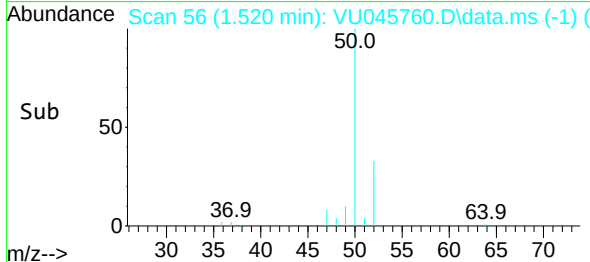
Instrument :
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ClientSampleId :
VU1112WBSD01



Tgt Ion: 50 Resp: 2721
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

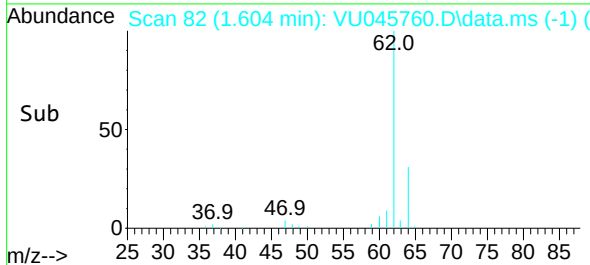
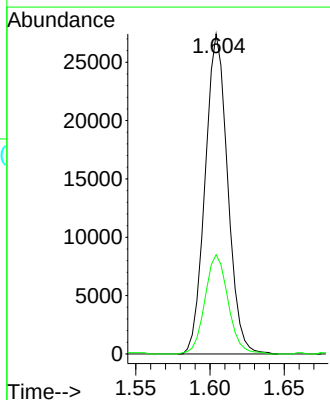
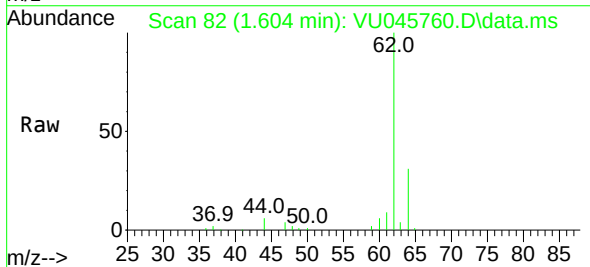
Manual Integrations
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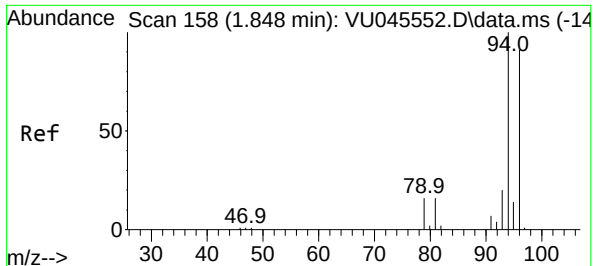
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#4
Vinyl Chloride
Concen: 18.825 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

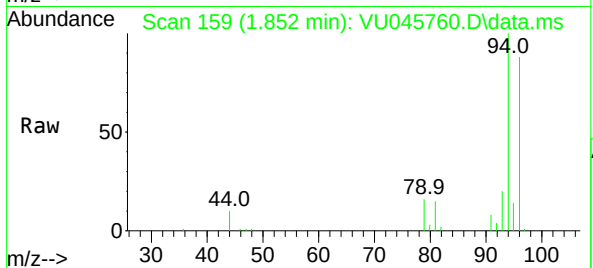
Tgt Ion: 62 Resp: 28888
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 21.729 ug/l
RT: 1.852 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

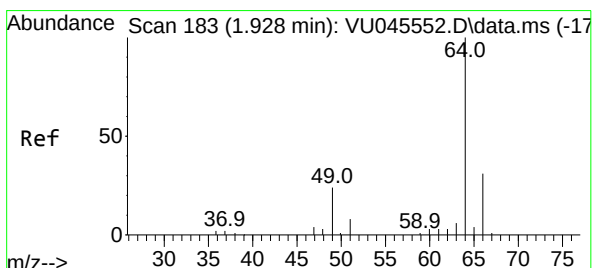
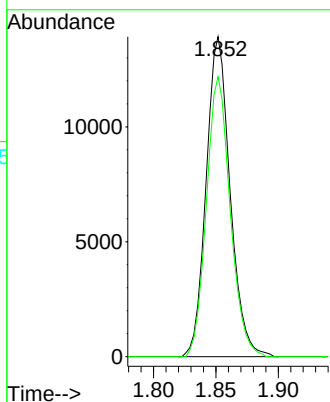
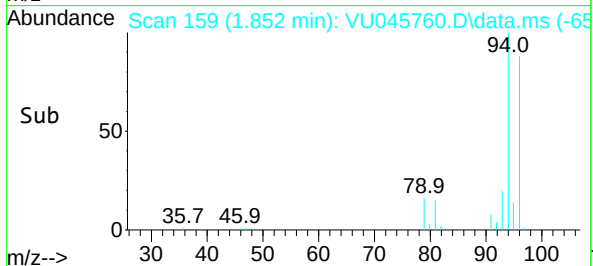
Instrument :
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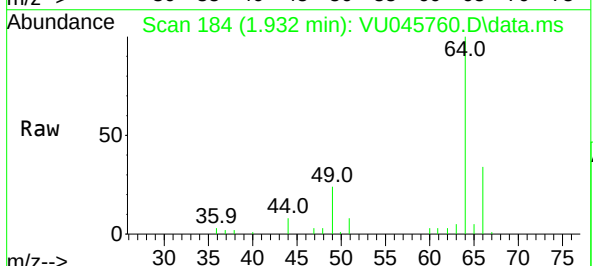
Tgt Ion: 94 Resp: 1859
Ion Ratio Lower Upper
94 100
96 87.5 75.4 113.2

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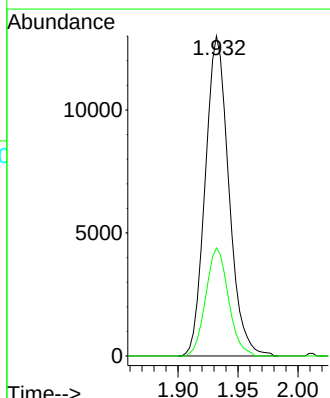
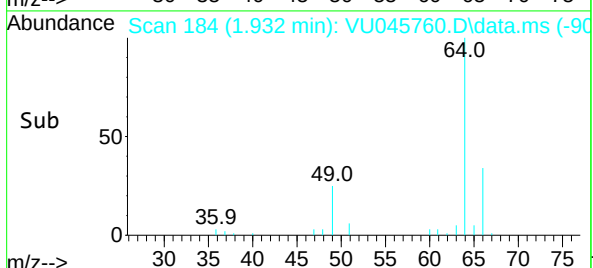
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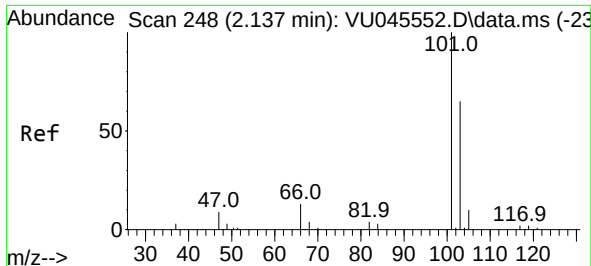


#6
Chloroethane
Concen: 17.770 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



Tgt Ion: 64 Resp: 17796
Ion Ratio Lower Upper
64 100
66 33.7 26.7 40.1





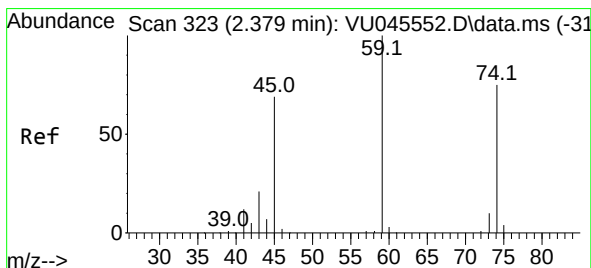
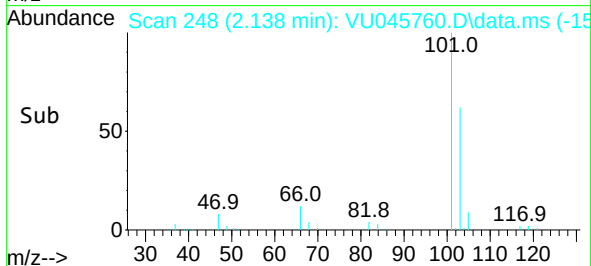
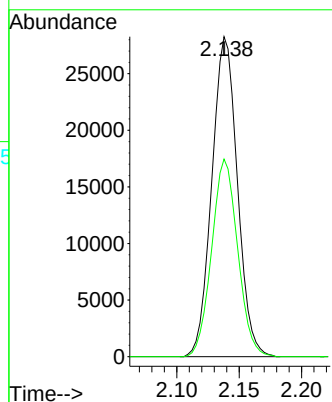
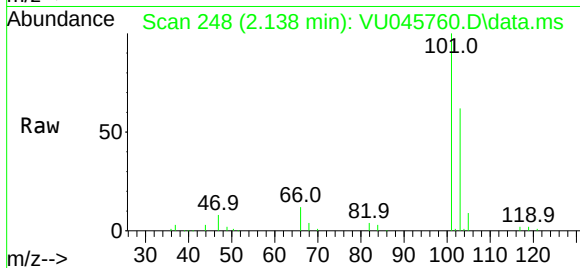
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Trichlorofluoromethane
Concen: 19.905 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
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ClientSampleId :
VU1112WBSD01

Tgt Ion:101 Resp: 4039
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.0

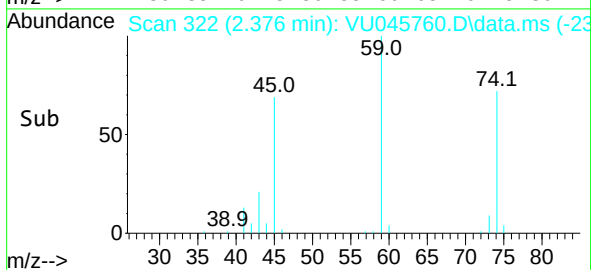
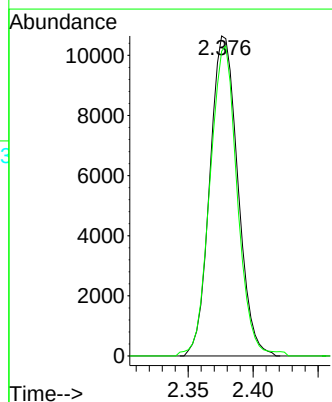
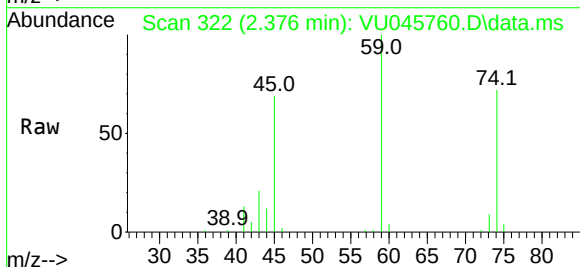
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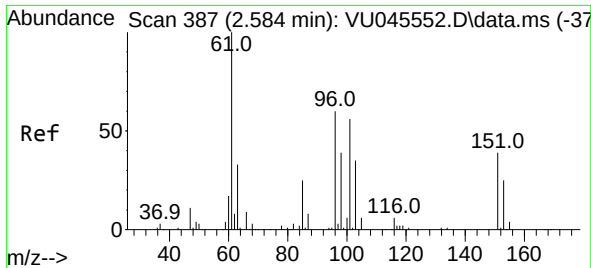
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#8
Diethyl Ether
Concen: 19.782 ug/l
RT: 2.376 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 74 Resp: 15890
Ion Ratio Lower Upper
74 100
45 94.8 47.3 141.8





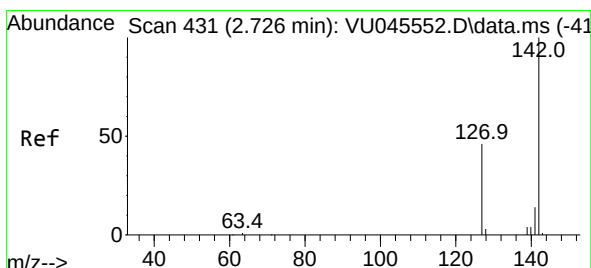
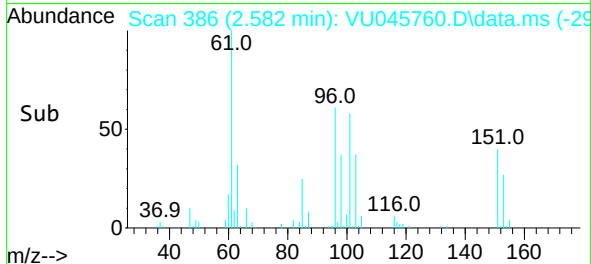
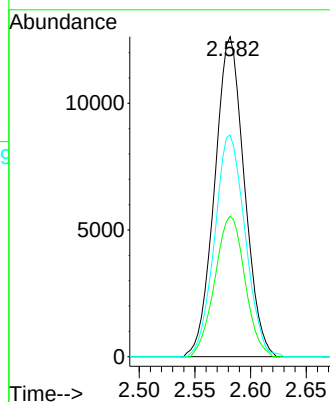
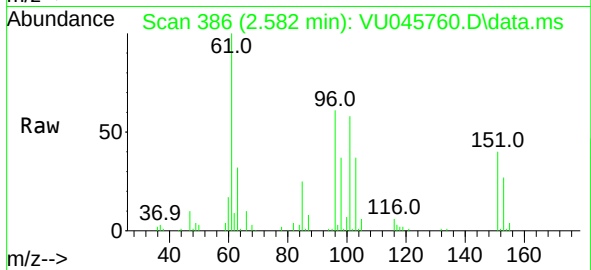
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.770 ug/l
RT: 2.582 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion:101 Resp: 23420
Ion Ratio Lower Upper
101 100
85 44.4 35.0 52.4
151 71.2 54.6 82.0

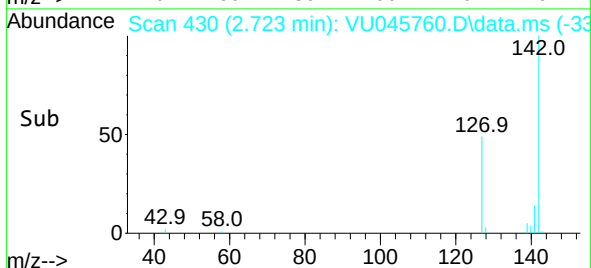
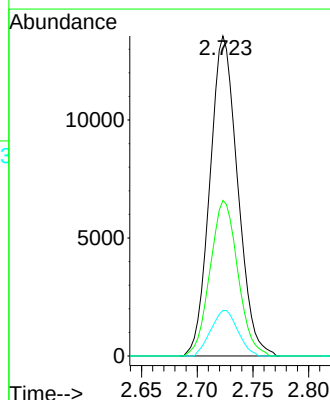
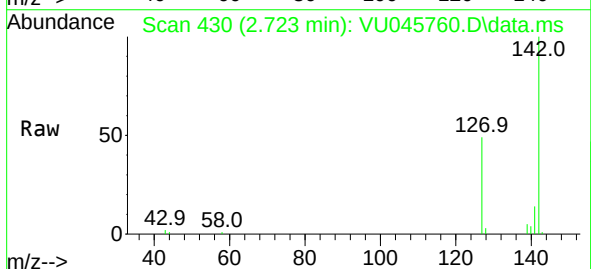
Manual Integrations
APPROVED

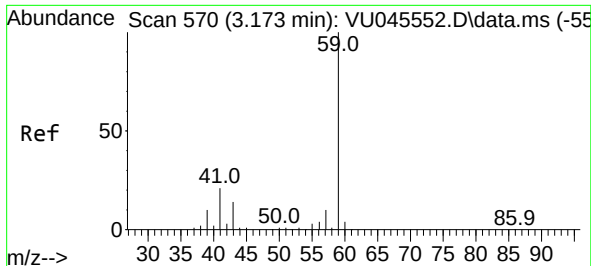
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 15.171 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:142 Resp: 23524
Ion Ratio Lower Upper
142 100
127 48.6 32.2 48.2#
141 13.7 11.3 16.9





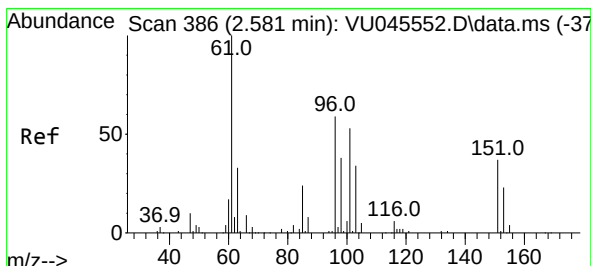
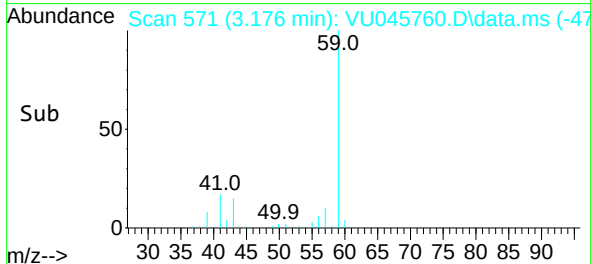
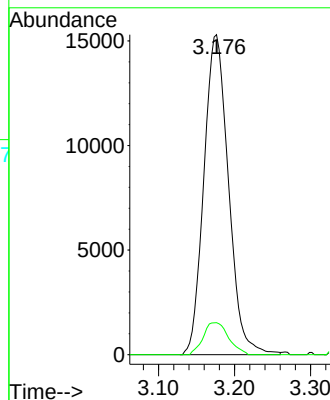
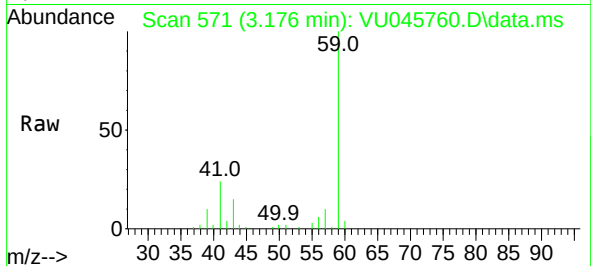
#11
Tert butyl alcohol
Concen: 109.396 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion: 59 Resp: 3443
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

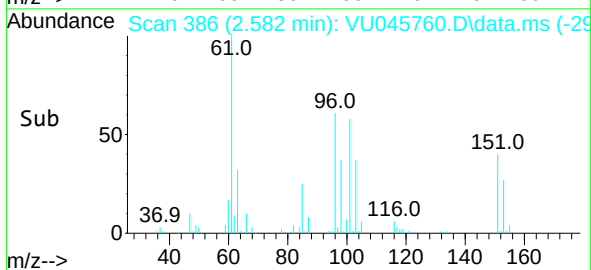
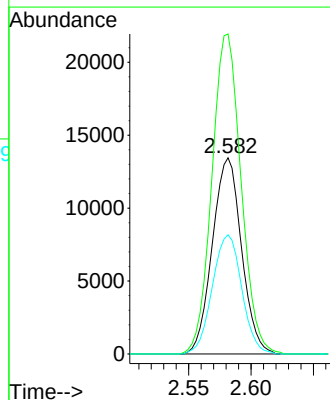
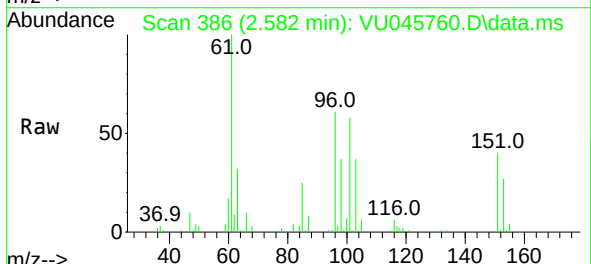
Manual Integrations
APPROVED

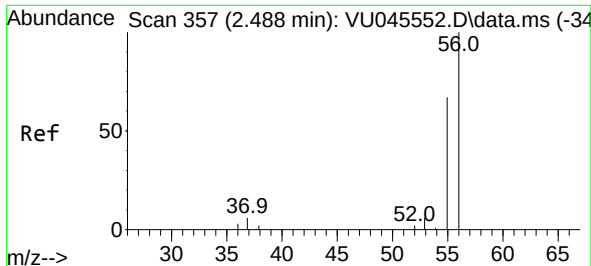
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 18.782 ug/l
RT: 2.582 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

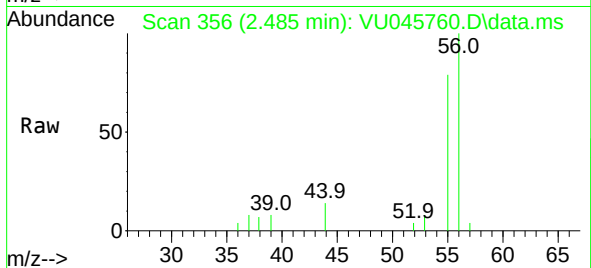
Tgt Ion: 96 Resp: 21942
Ion Ratio Lower Upper
96 100
61 163.2 137.1 205.7
98 60.8 51.5 77.3





#13
Acrolein
Concen: 103.606 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

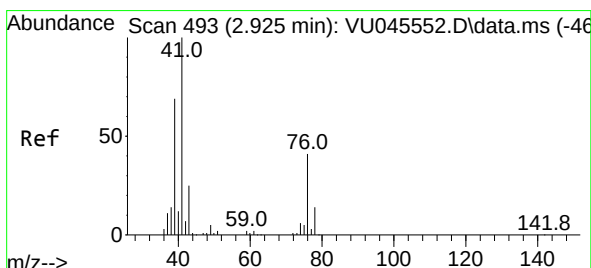
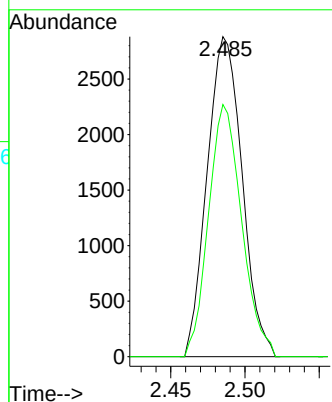
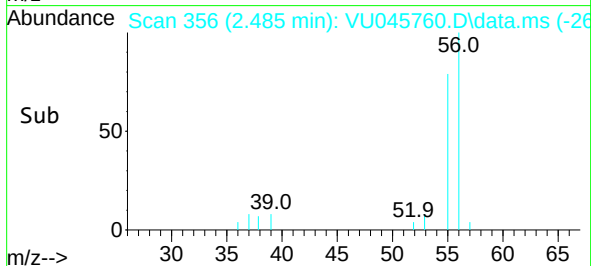
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



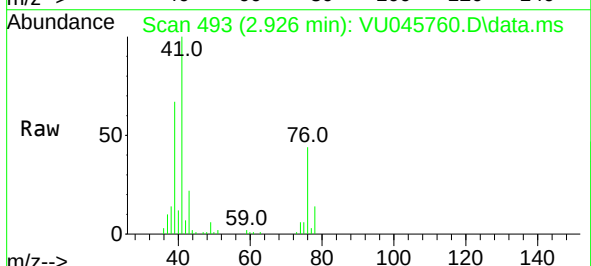
Tgt Ion: 56 Resp: 4720
Ion Ratio Lower Upper
56 100
55 74.6 56.3 84.5

Manual Integrations
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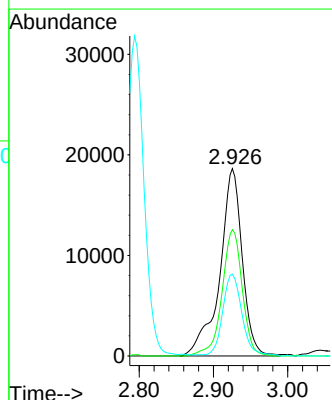
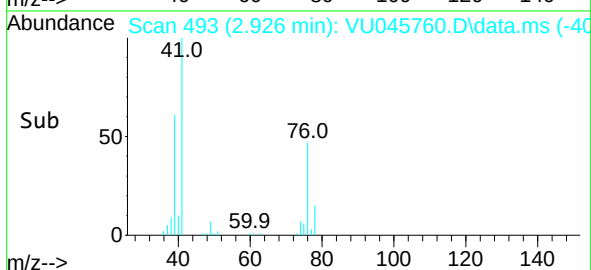
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

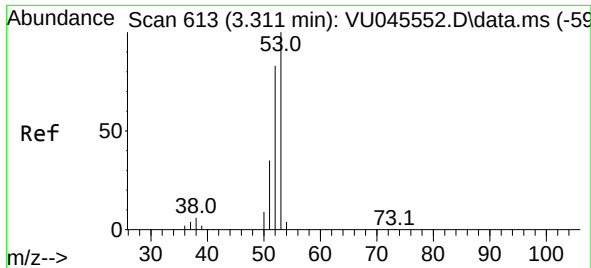


#14
Allyl chloride
Concen: 18.876 ug/l
RT: 2.926 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



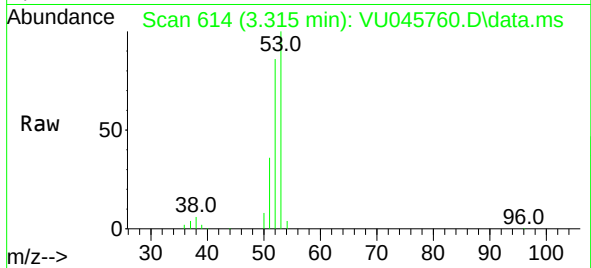
Tgt Ion: 41 Resp: 39377
Ion Ratio Lower Upper
41 100
39 60.5 49.7 74.5
76 37.4 27.7 41.5





#15
Acrylonitrile
Concen: 106.823 ug/l
RT: 3.315 min Scan# 613
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

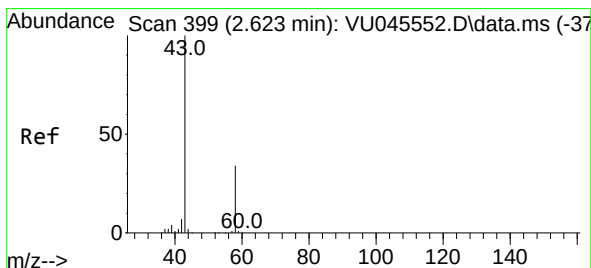
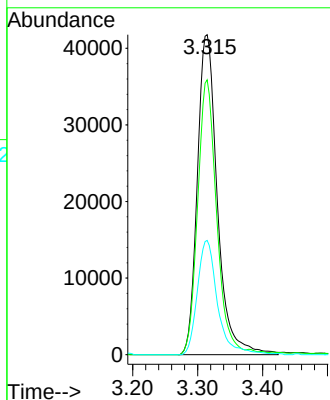
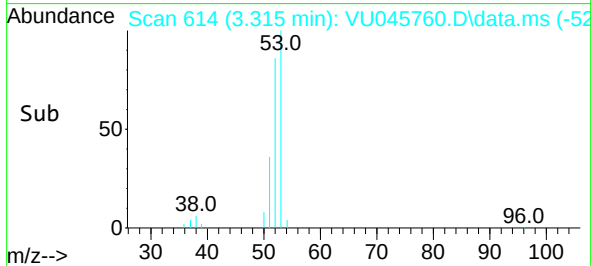
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



Tgt Ion: 53 Resp: 89770
Ion Ratio Lower Upper
53 100
52 81.0 66.6 100.0
51 36.0 28.4 42.6

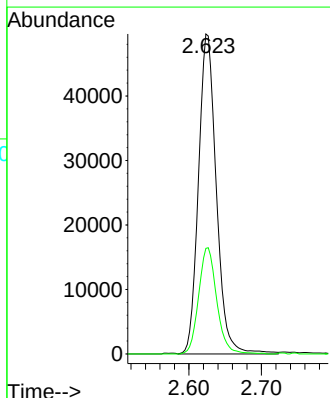
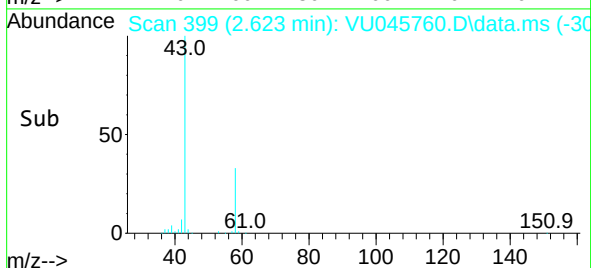
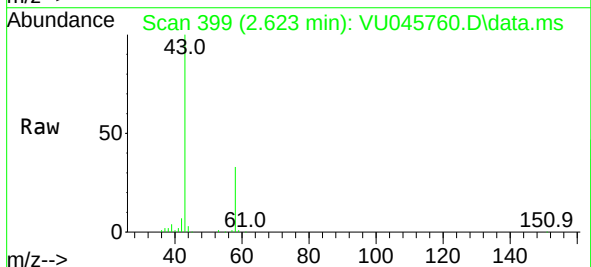
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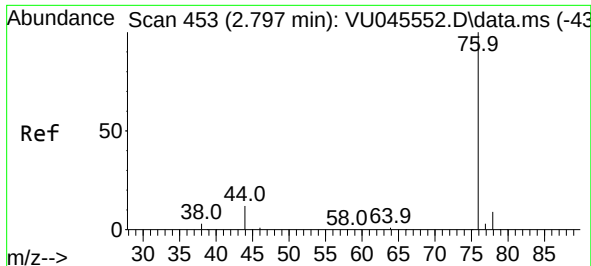
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 105.042 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 43 Resp: 85037
Ion Ratio Lower Upper
43 100
58 33.0 26.2 39.2





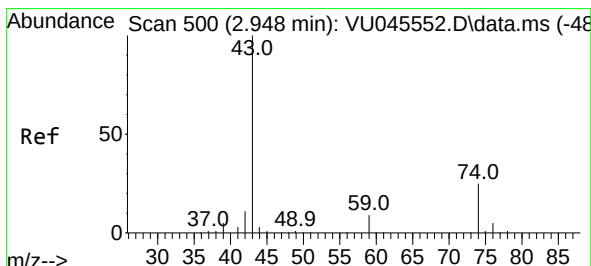
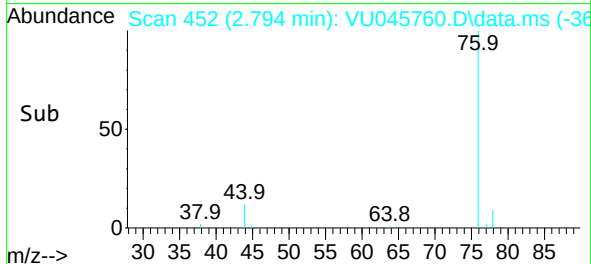
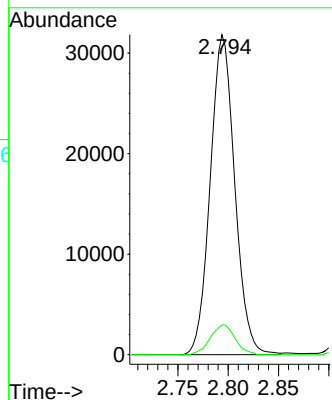
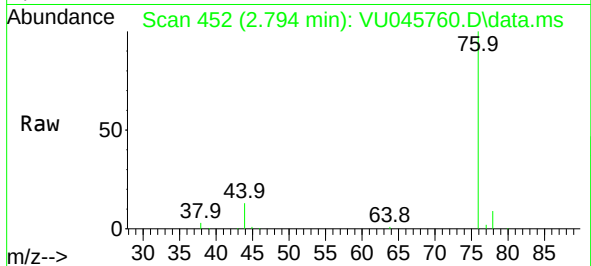
#17
Carbon Disulfide
Concen: 16.479 ug/l
RT: 2.794 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion: 76 Resp: 53924
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

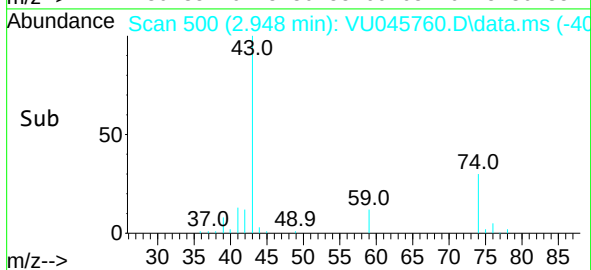
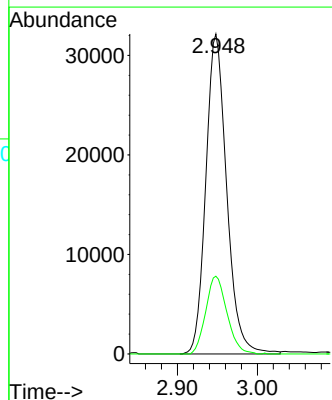
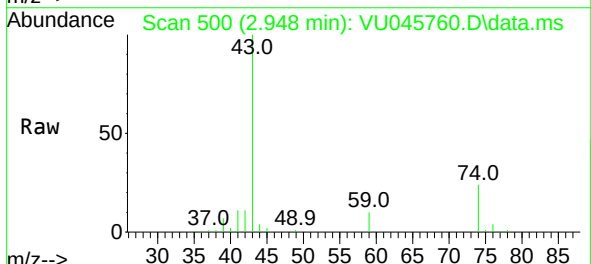
Manual Integrations
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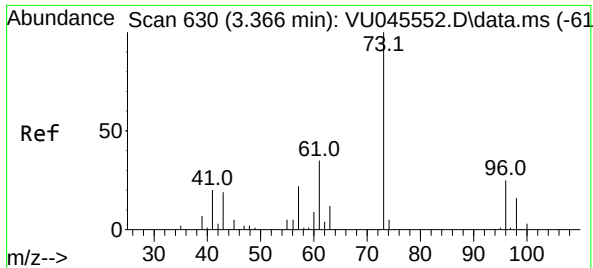
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 21.166 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 43 Resp: 58362
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2





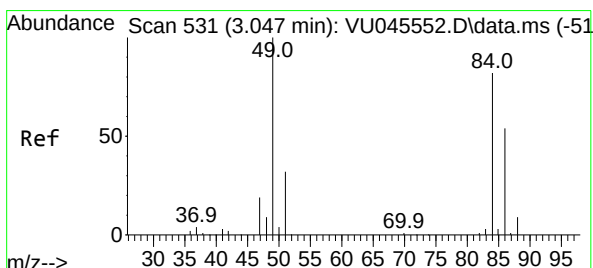
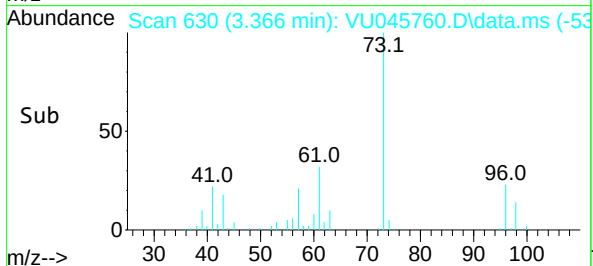
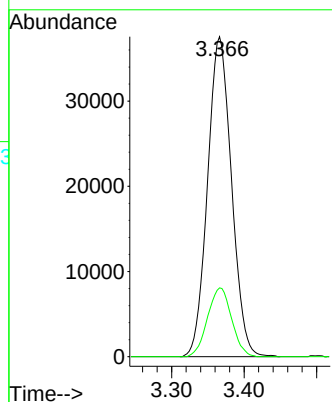
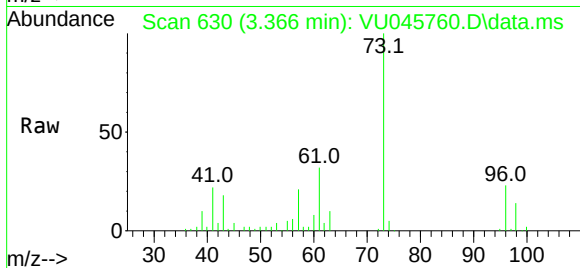
#19
Methyl tert-butyl Ether
Concen: 20.483 ug/l
RT: 3.366 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion: 73 Resp: 86138
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1

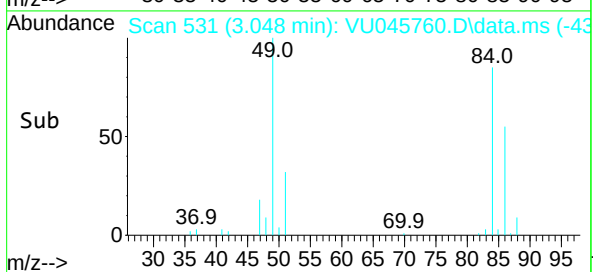
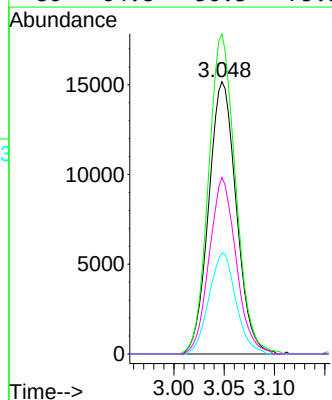
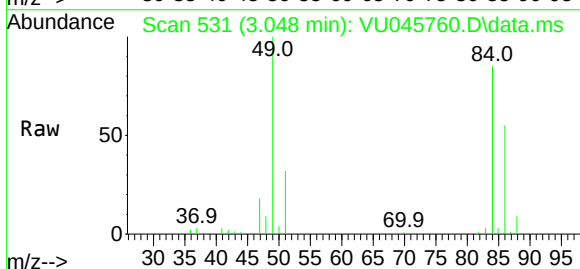
Manual Integrations
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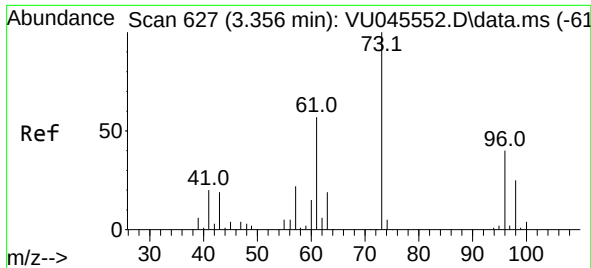
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 20.613 ug/l
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

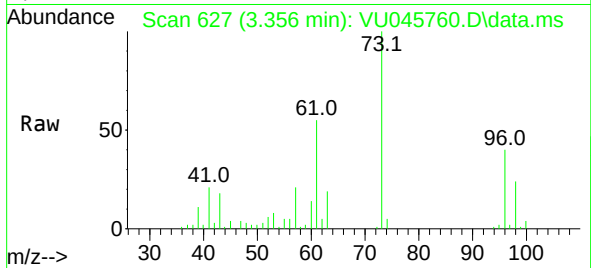
Tgt Ion: 84 Resp: 28996
Ion Ratio Lower Upper
84 100
49 117.5 96.4 144.6
51 37.1 30.5 45.7
86 64.8 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 19.444 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

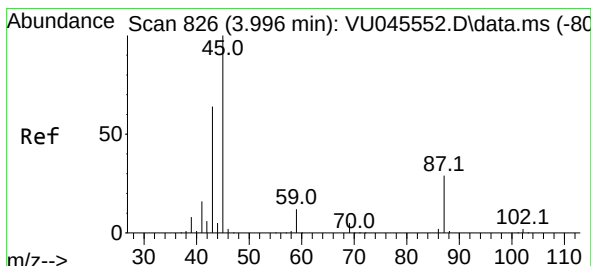
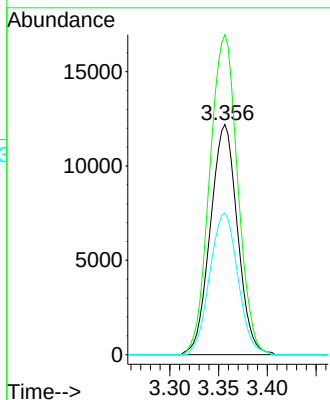
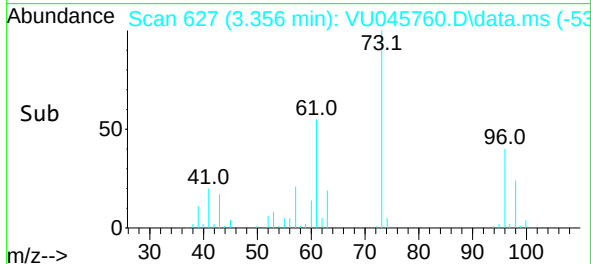
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



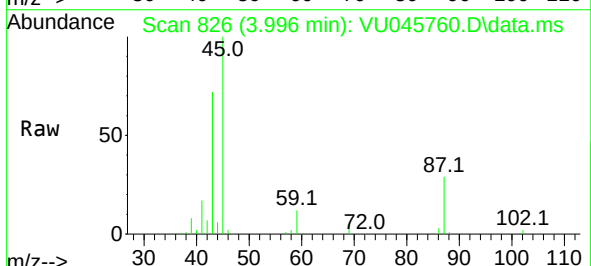
Tgt Ion: 96 Resp: 2363
Ion Ratio Lower Upper
96 100
61 139.0 118.2 177.4
98 61.6 52.1 78.1

Manual Integrations
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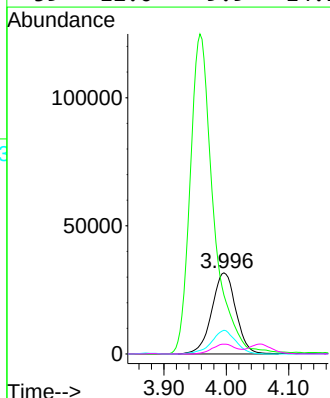
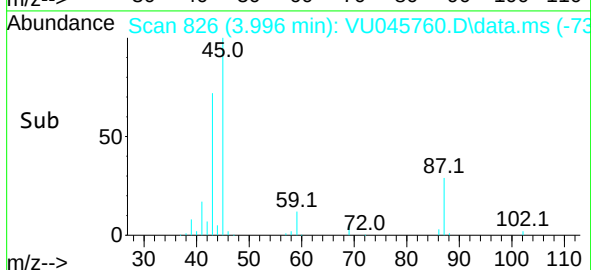
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

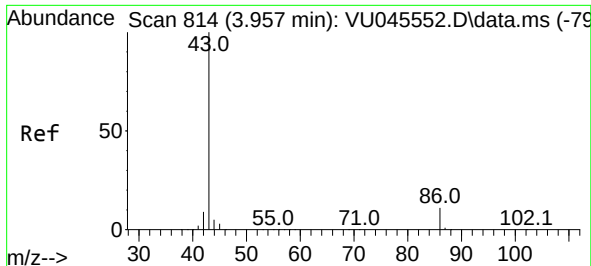


#22
Diisopropyl ether
Concen: 20.811 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



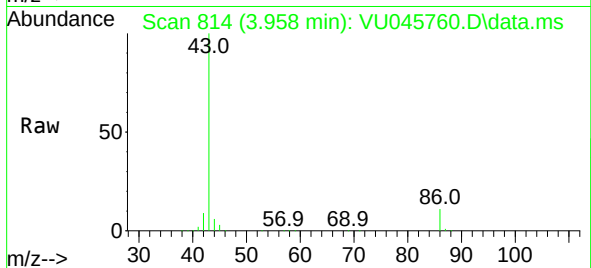
Tgt Ion: 45 Resp: 85240
Ion Ratio Lower Upper
45 100
43 70.0 60.0 90.0
87 29.1 22.3 33.5
59 12.0 9.9 14.9





#23
 Vinyl Acetate
 Concen: 102.836 ug/l
 RT: 3.958 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

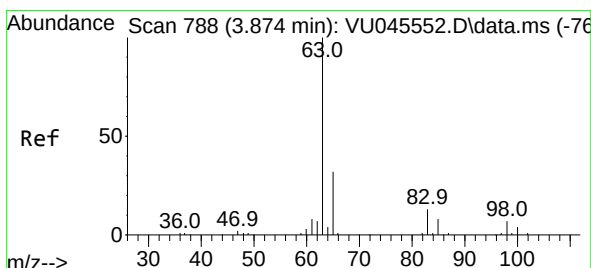
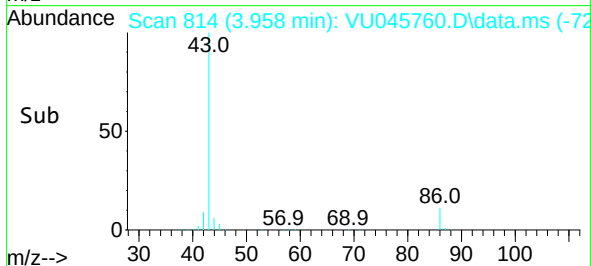
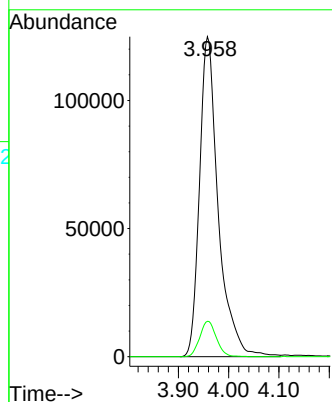
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01



Tgt Ion: 43 Resp: 323962
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

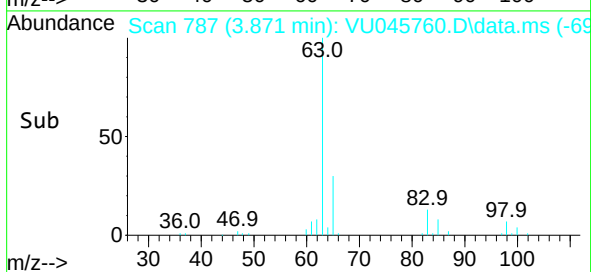
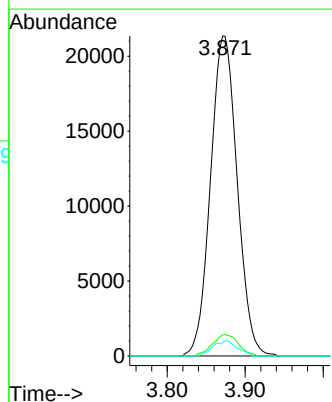
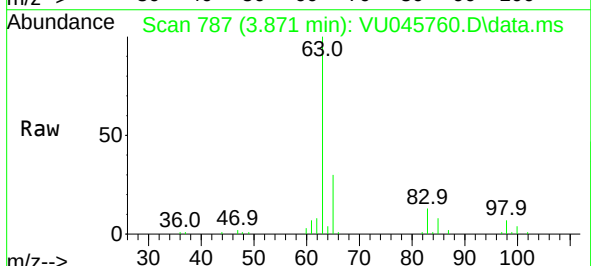
Manual Integrations
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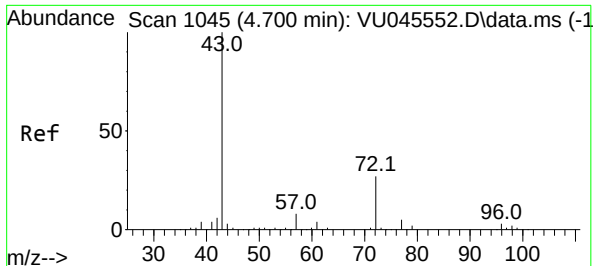
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#24
 1,1-Dichloroethane
 Concen: 20.817 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

Tgt Ion: 63 Resp: 50811
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 107.699 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 43 Resp: 120920

Ion Ratio Lower Upper

43 100

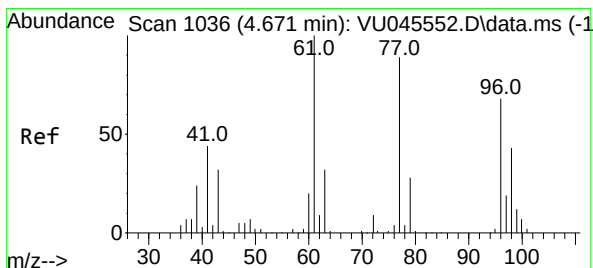
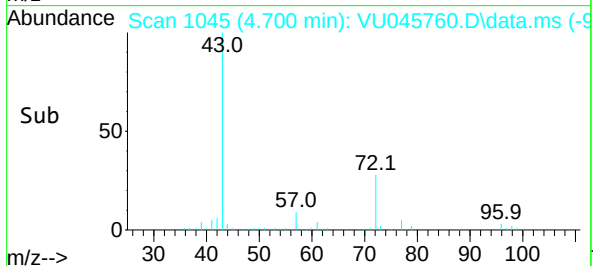
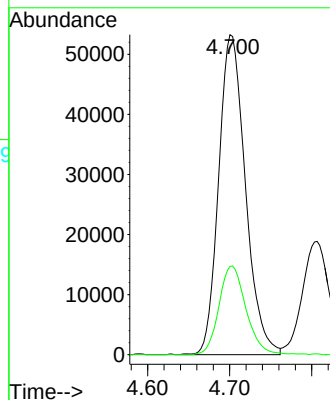
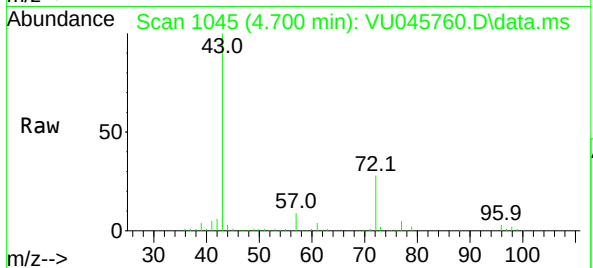
72 27.6 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 19.643 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045760.D

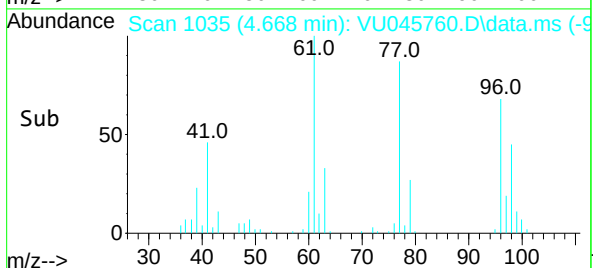
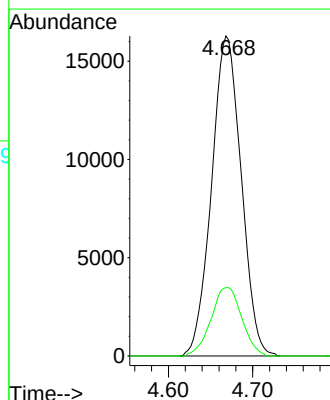
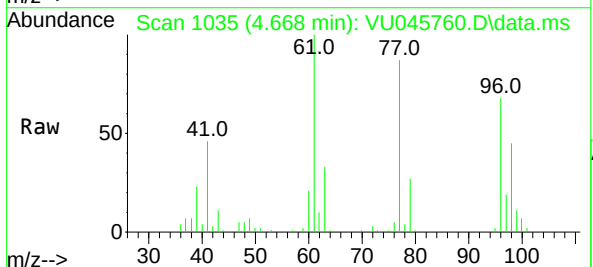
Acq: 12 Nov 2021 11:43

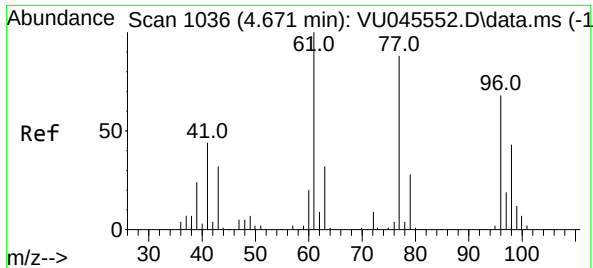
Tgt Ion: 77 Resp: 39730

Ion Ratio Lower Upper

77 100

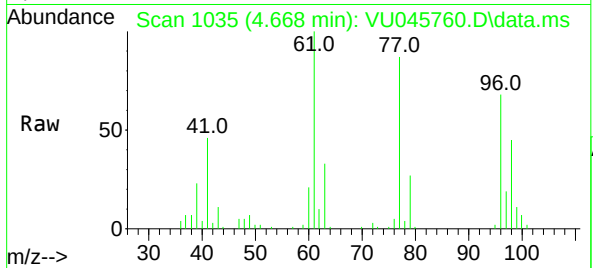
97 22.2 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.158 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

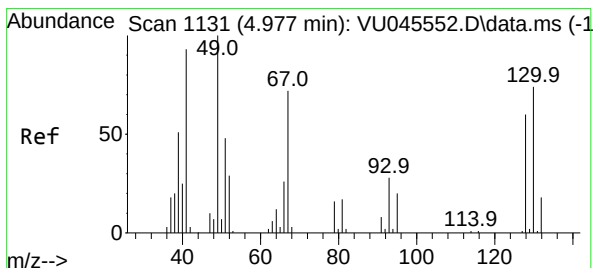
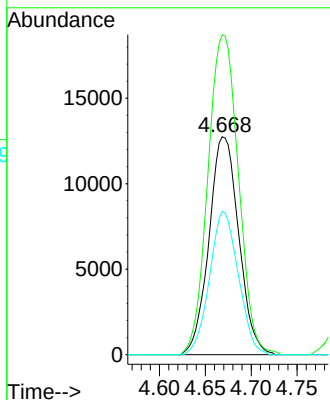
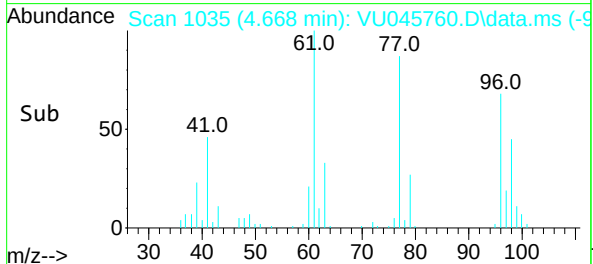
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01



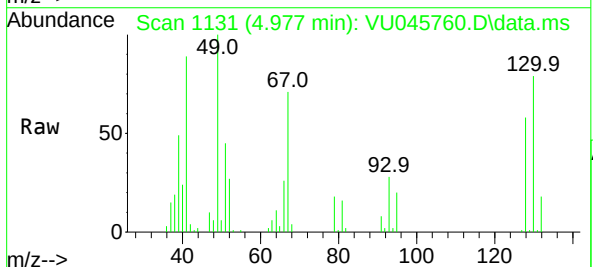
Tgt Ion: 96 Resp: 28770
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 299.2
 98 63.5 0.0 127.6

Manual Integrations
 APPROVED

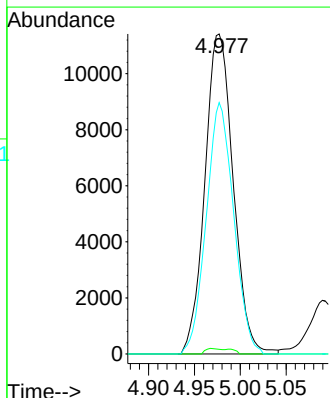
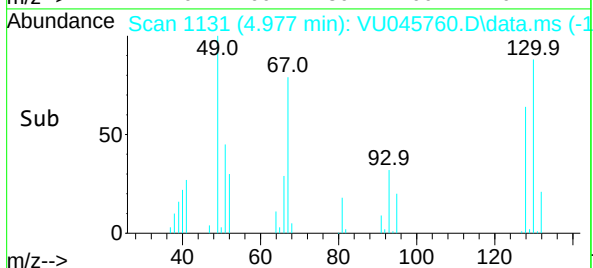
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

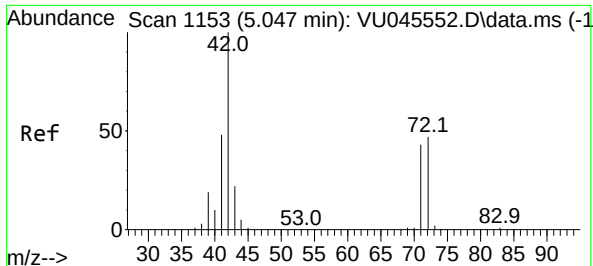


#28
 Bromochloromethane
 Concen: 21.098 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43



Tgt Ion: 49 Resp: 24551
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 76.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 105.587 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

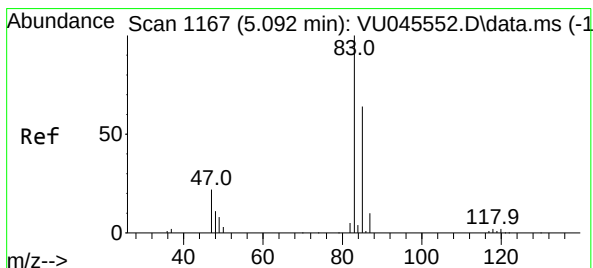
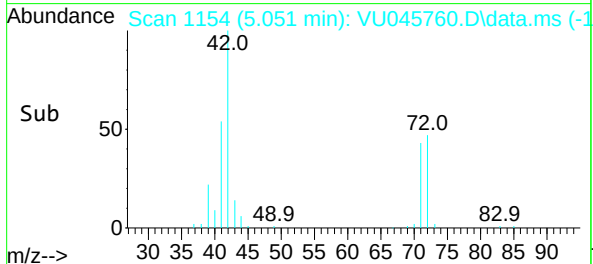
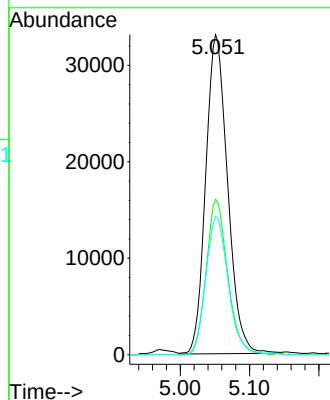
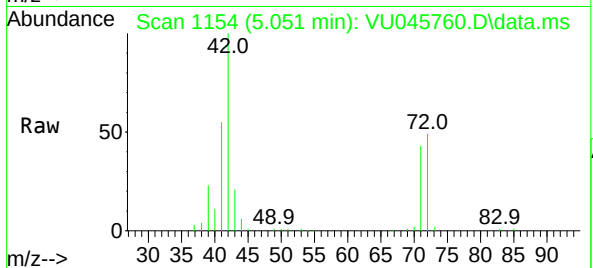
Tgt Ion:	42	Resp:	72518
Ion Ratio	Lower	Upper	
42	100		
72	47.8	38.2	57.4
71	44.2	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 20.864 ug/l

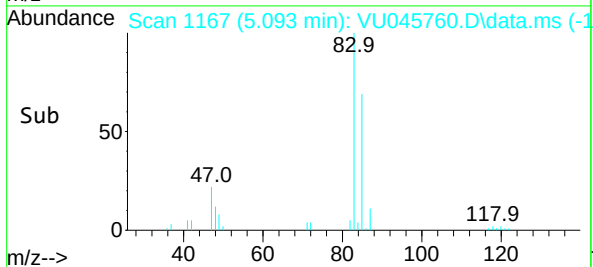
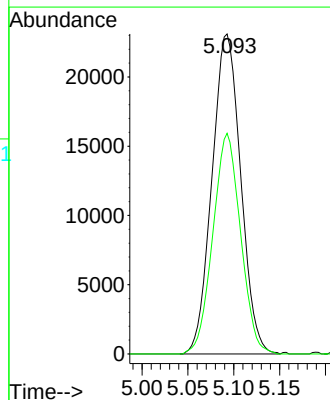
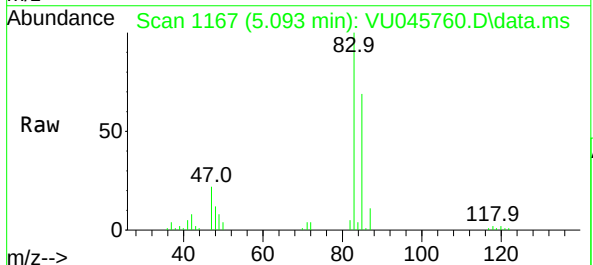
RT: 5.093 min Scan# 1167

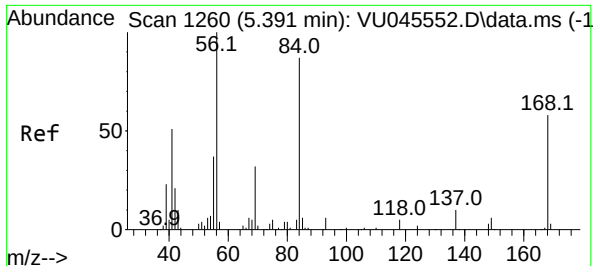
Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Tgt Ion:	83	Resp:	50364
Ion Ratio	Lower	Upper	
83	100		
85	68.9	52.0	78.0





#31

Cyclohexane

Concen: 18.472 ug/l

RT: 5.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 56 Resp: 42864

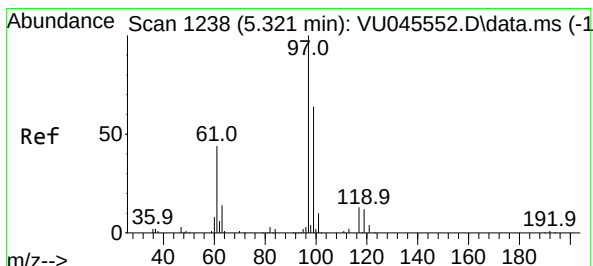
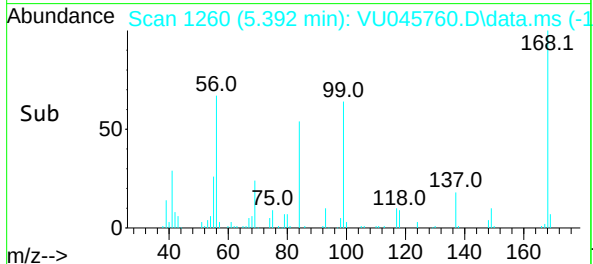
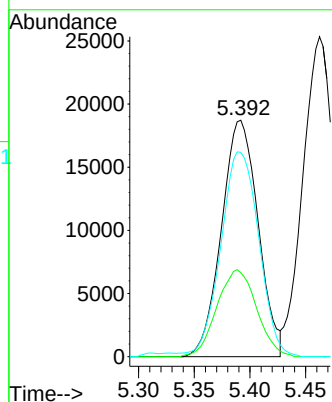
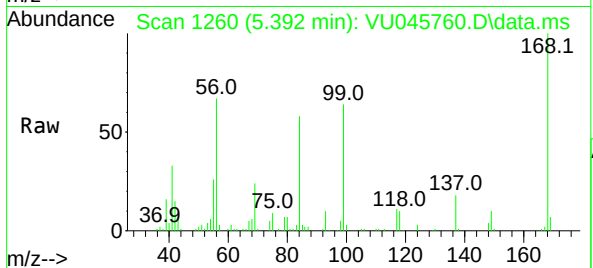
Ion	Ratio	Lower	Upper
56	100		
69	35.5	26.4	39.6
84	84.9	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#32

1,1,1-Trichloroethane

Concen: 20.525 ug/l

RT: 5.321 min Scan# 1238

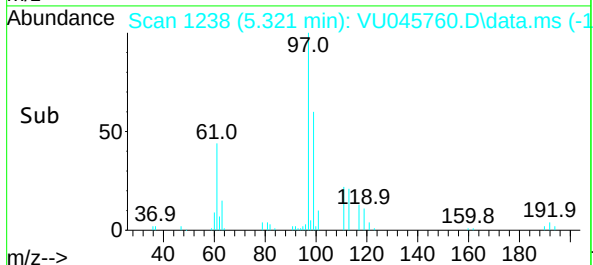
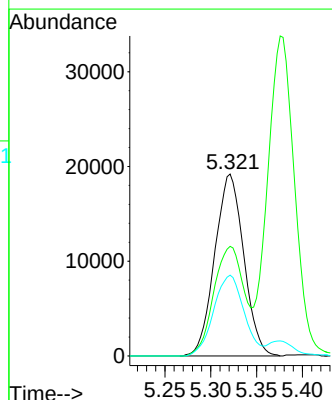
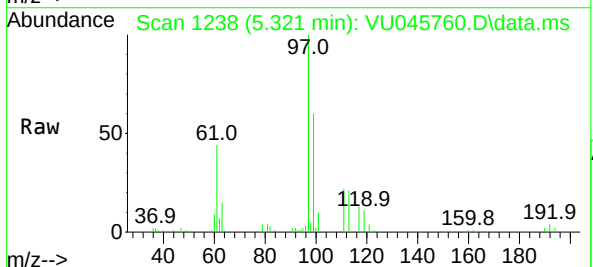
Delta R.T. 0.000 min

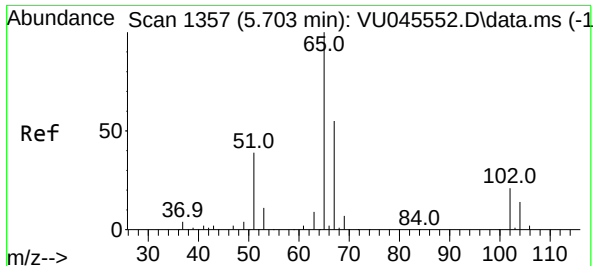
Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Tgt Ion: 97 Resp: 42251

Ion	Ratio	Lower	Upper
97	100		
99	61.8	50.8	76.2
61	46.6	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 51.211 ug/l

RT: 5.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 65 Resp: 8144

Ion Ratio Lower Upper

65 100

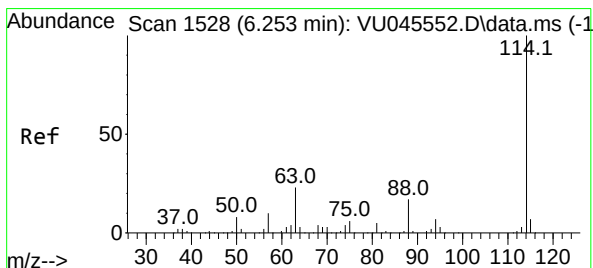
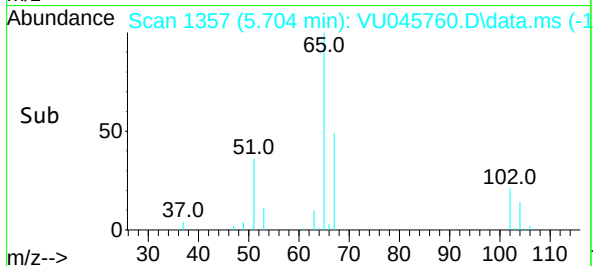
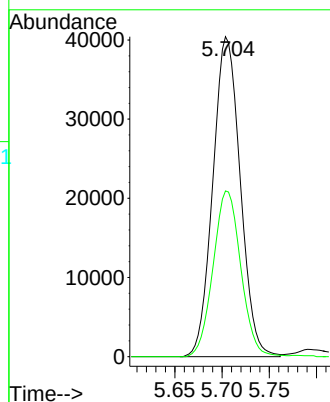
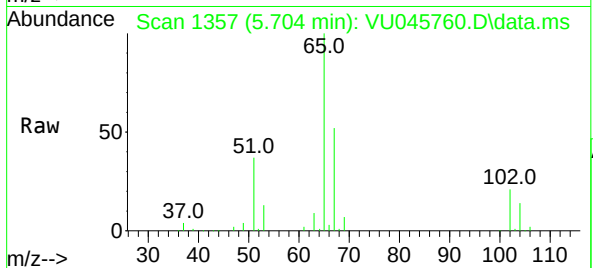
67 52.3 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

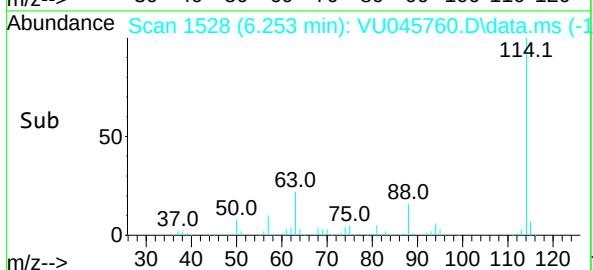
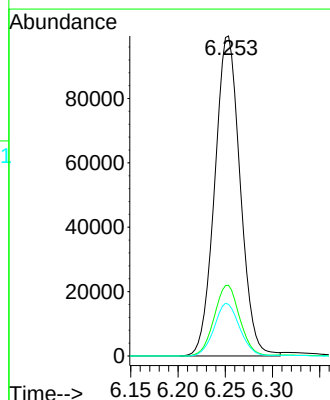
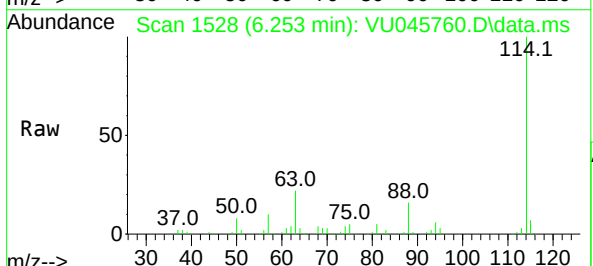
Tgt Ion:114 Resp: 186323

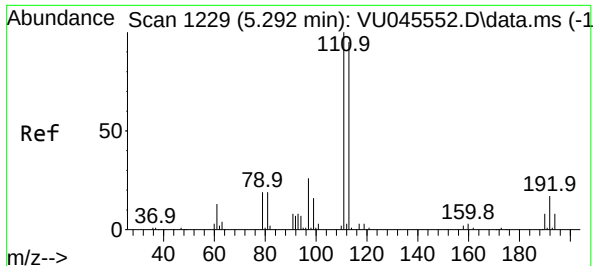
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

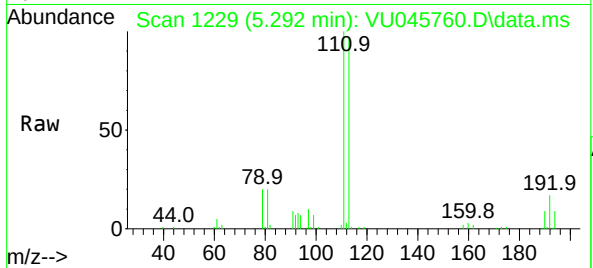
88 16.2 0.0 33.8





#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

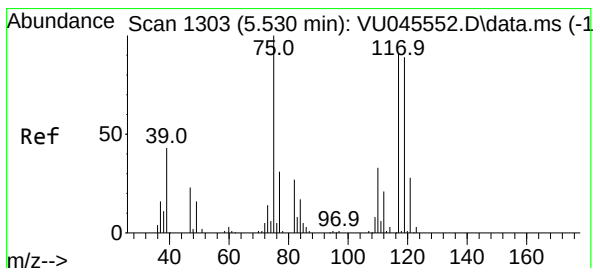
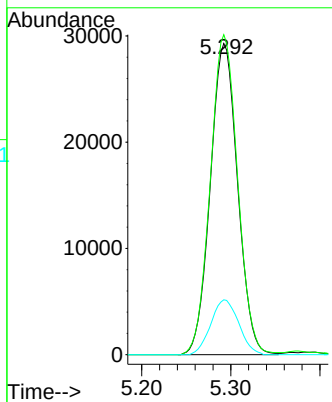
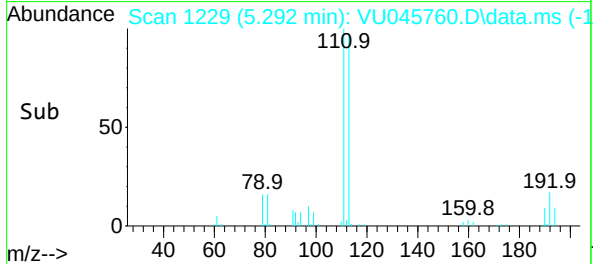
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



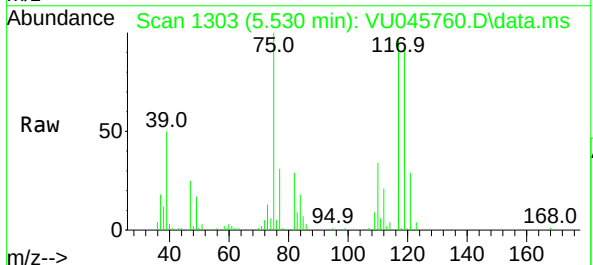
Tgt Ion: 113 Resp: 6233
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.1 14.8 22.2

Manual Integrations
APPROVED

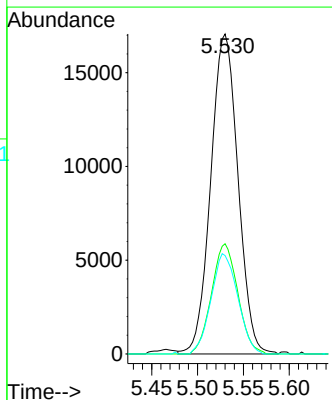
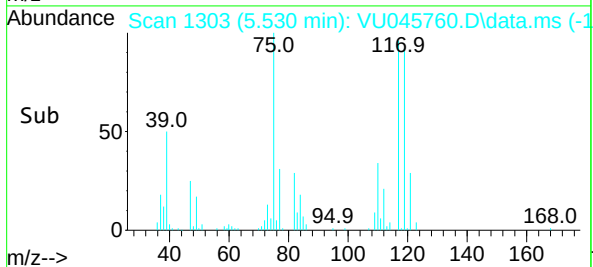
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

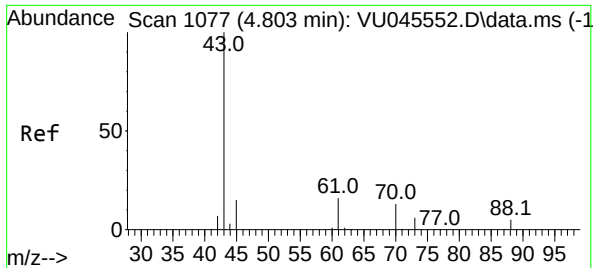


#36
1,1-Dichloropropene
Concen: 19.406 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



Tgt Ion: 75 Resp: 35256
Ion Ratio Lower Upper
75 100
110 33.2 16.7 50.0
77 30.7 25.0 37.4





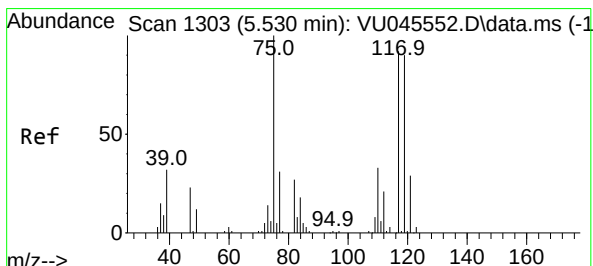
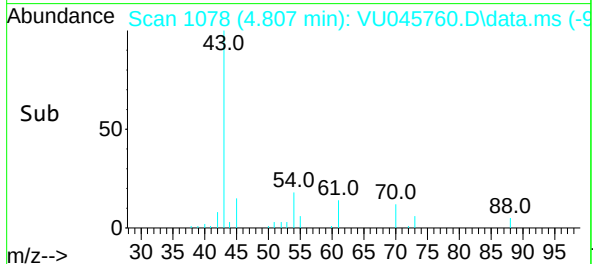
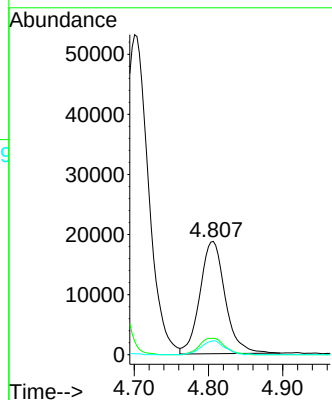
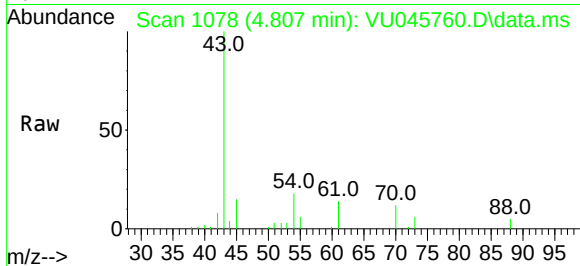
#37
Ethyl Acetate
Concen: 21.140 ug/l
RT: 4.807 min Scan# 1077
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion: 43 Resp: 44119
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 11.5 9.1 13.7

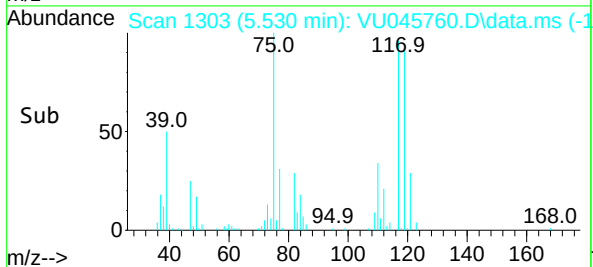
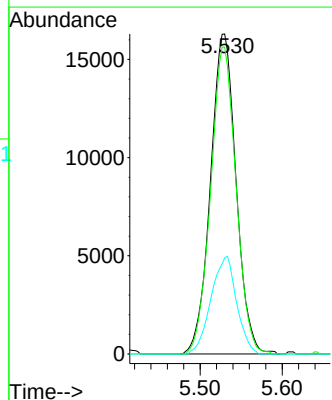
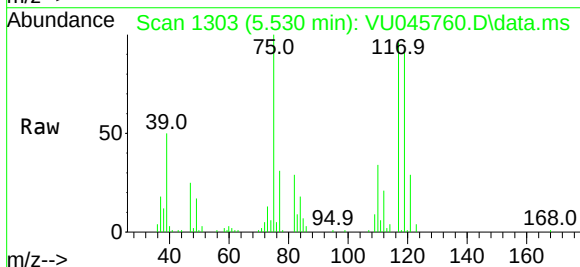
Manual Integrations
APPROVED

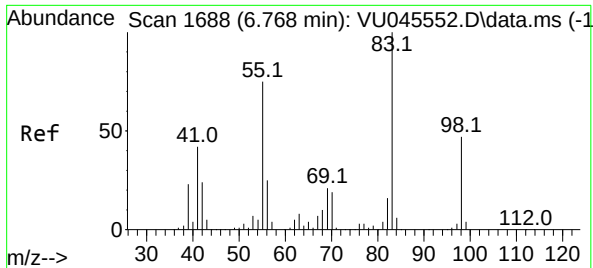
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Carbon Tetrachloride
Concen: 19.321 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:117 Resp: 35389
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 17.911 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 83 Resp: 39920

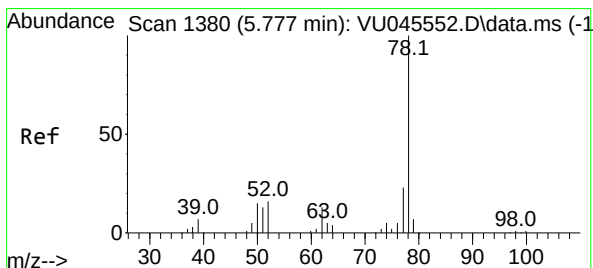
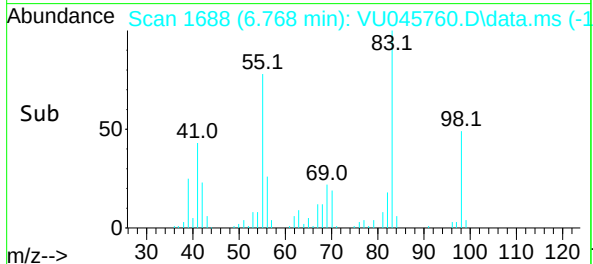
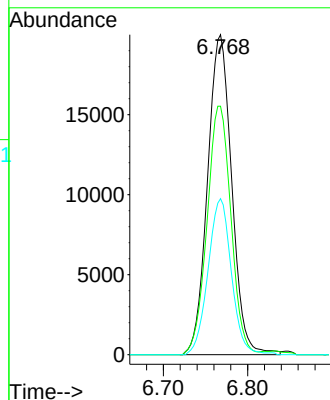
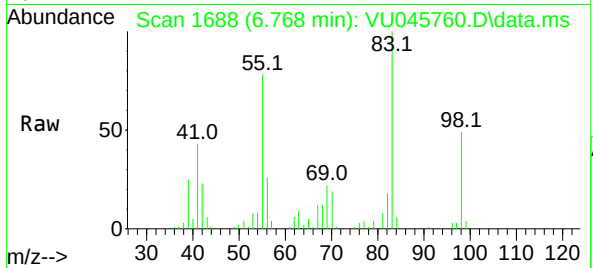
Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.6	95.4
98	48.8	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 19.582 ug/l

RT: 5.778 min Scan# 1380

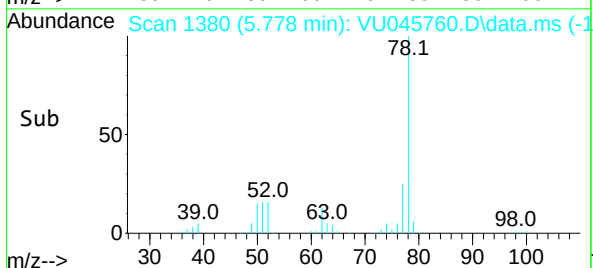
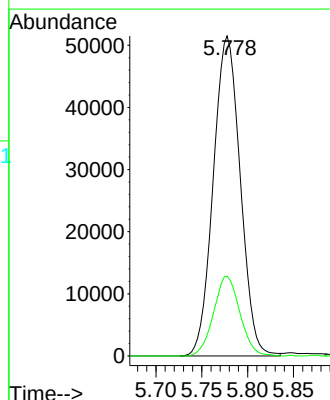
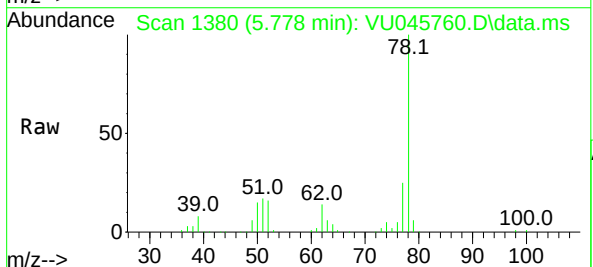
Delta R.T. 0.000 min

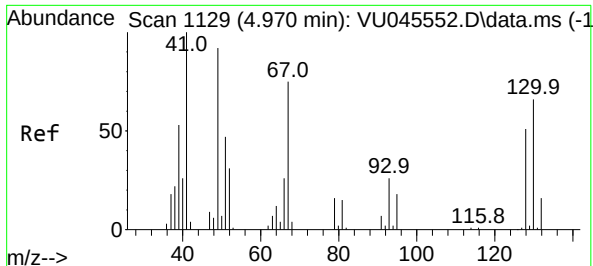
Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Tgt Ion: 78 Resp: 105328

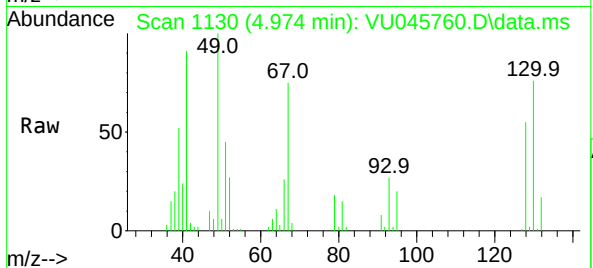
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.4





#41
Methacrylonitrile
Concen: 21.301 ug/l
RT: 4.974 min Scan# 1129
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

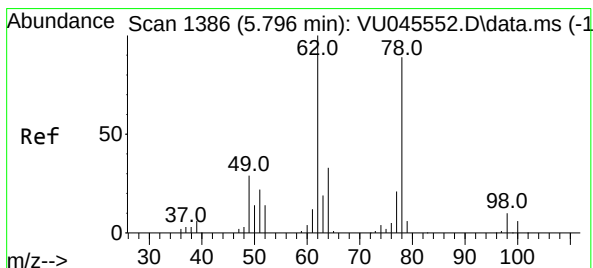
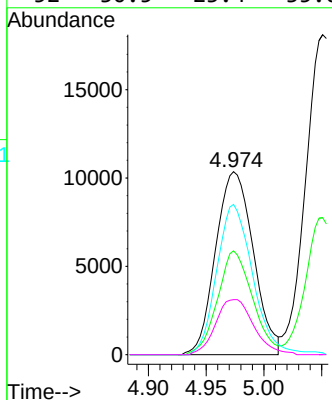
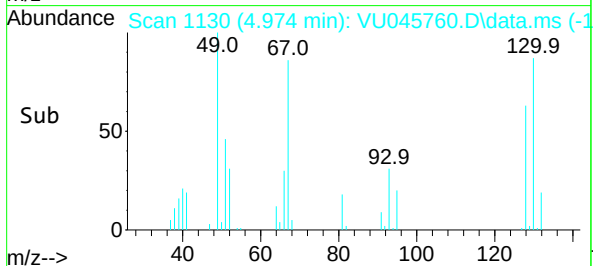
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



Tgt Ion: 41 Resp: 2349
Ion Ratio Lower Upper
41 100
39 52.6 43.4 65.0
67 78.8 61.0 91.4
52 30.5 23.4 35.0

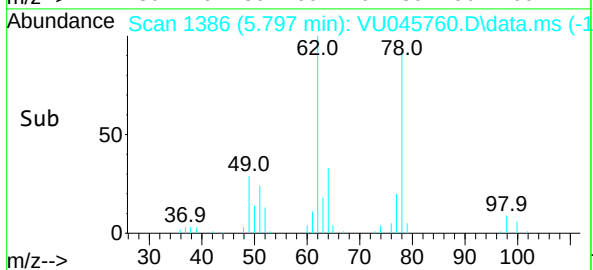
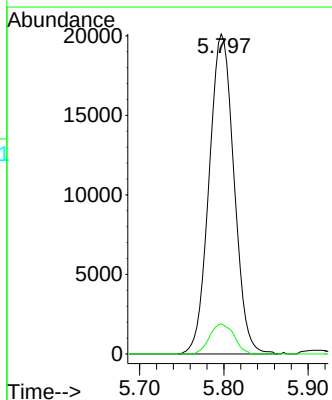
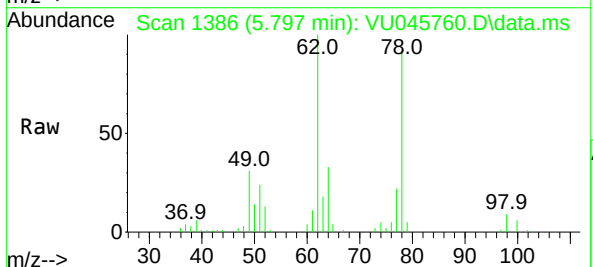
Manual Integrations
APPROVED

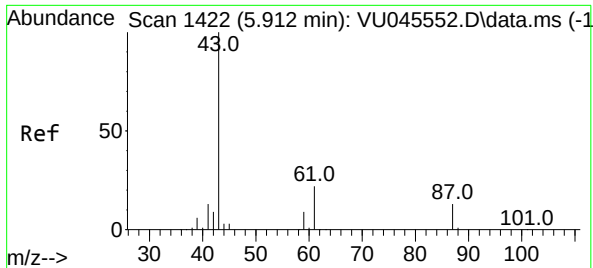
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 21.237 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

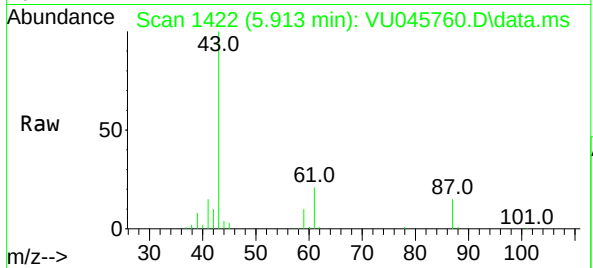
Tgt Ion: 62 Resp: 41261
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 20.320 ug/l
RT: 5.913 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

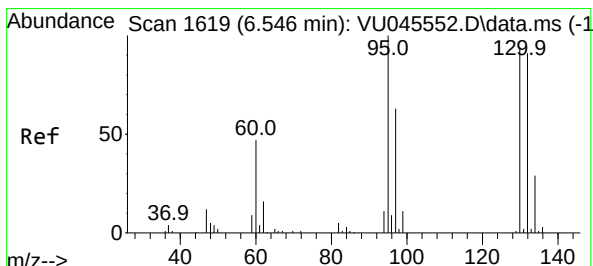
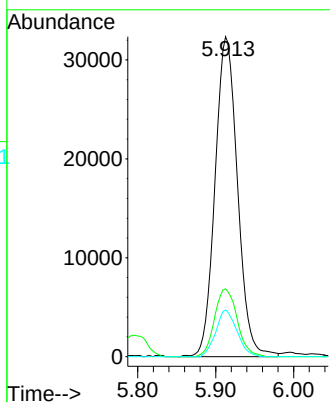
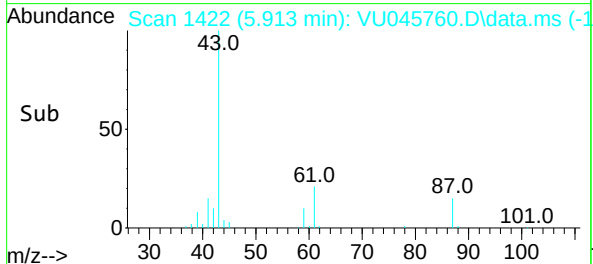
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



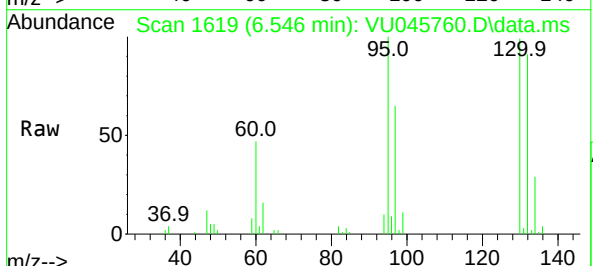
Tgt Ion: 43 Resp: 6486
Ion Ratio Lower Upper
43 100
61 21.4 16.9 25.3
87 13.7 11.0 16.4

Manual Integrations
APPROVED

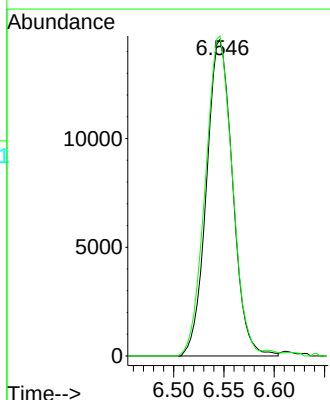
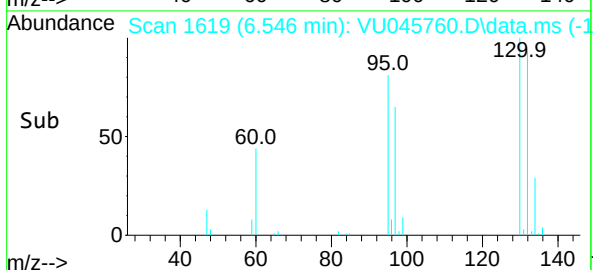
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

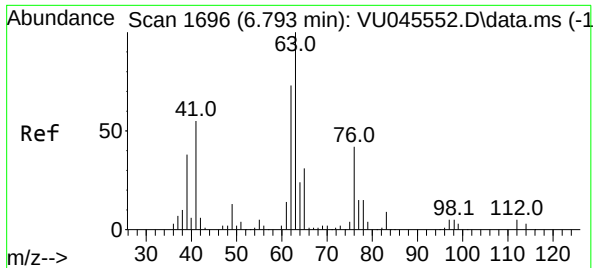


#44
Trichloroethene
Concen: 20.432 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



Tgt Ion:130 Resp: 26307
Ion Ratio Lower Upper
130 100
95 101.2 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.426 ug/l

RT: 6.794 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 63 Resp: 2907

Ion Ratio Lower Upper

63 100

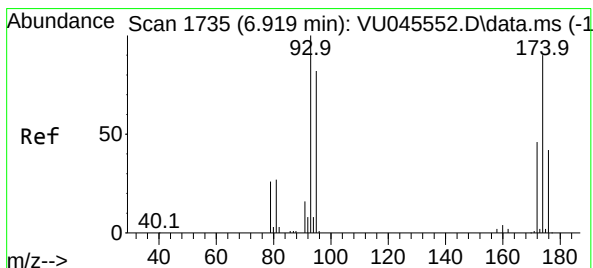
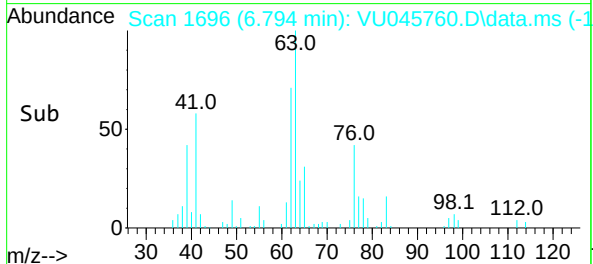
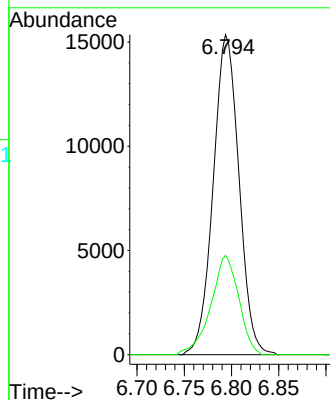
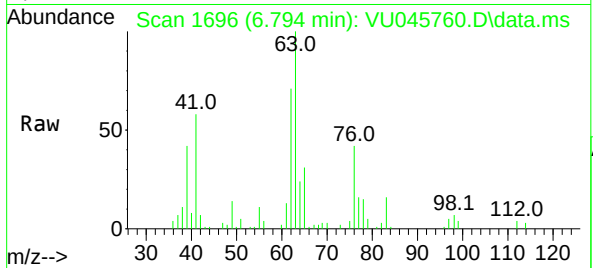
65 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 21.117 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

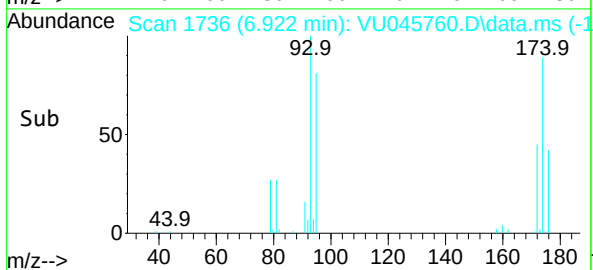
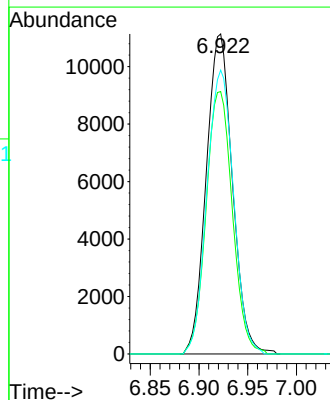
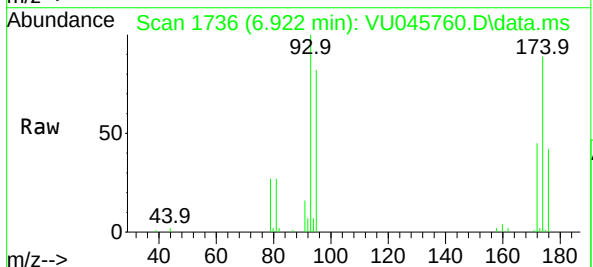
Tgt Ion: 93 Resp: 20825

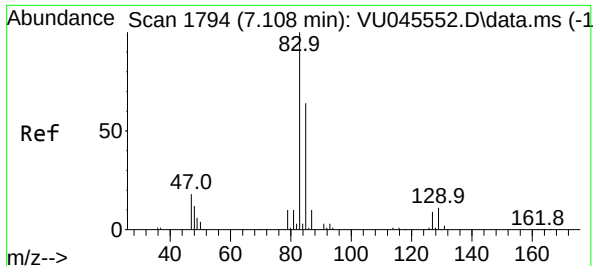
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.2

174 90.0 71.0 106.6





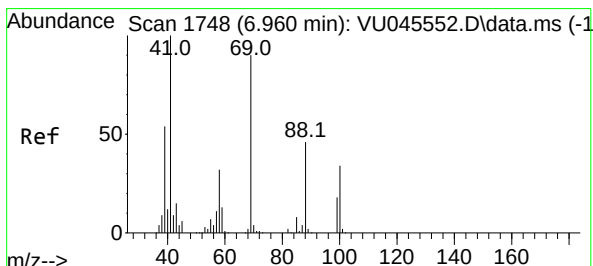
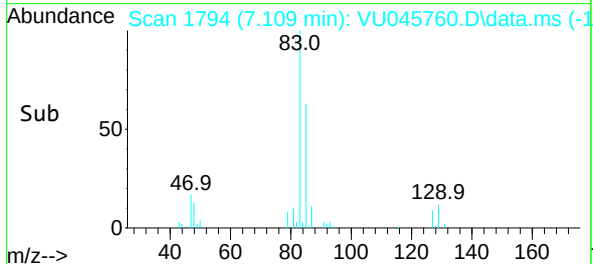
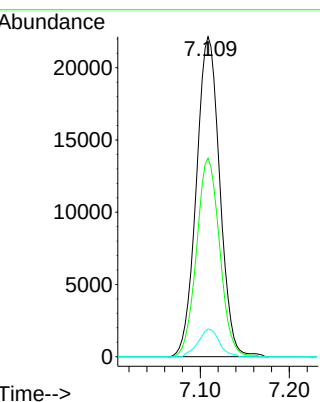
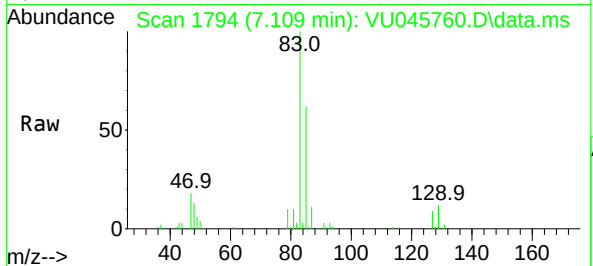
#47
Bromodichloromethane
Concen: 21.571 ug/l
RT: 7.109 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion: 83 Resp: 40362
Ion Ratio Lower Upper
83 100
85 62.0 49.8 74.6
127 8.7 6.2 9.2

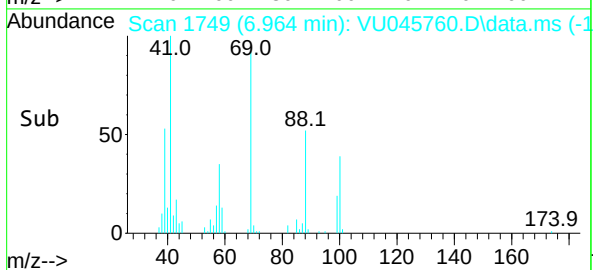
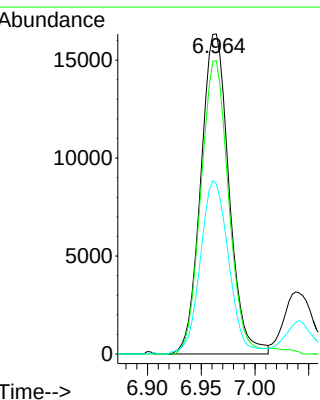
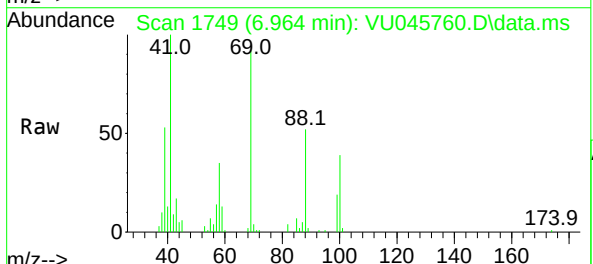
Manual Integrations
APPROVED

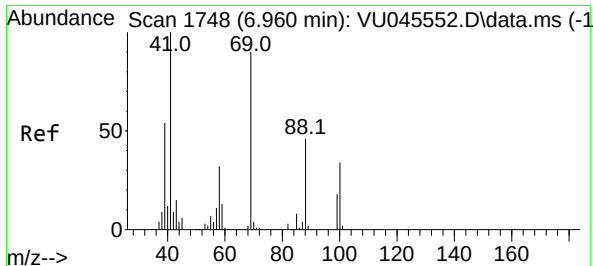
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#48
Methyl methacrylate
Concen: 20.268 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 41 Resp: 29778
Ion Ratio Lower Upper
41 100
69 91.2 70.2 105.2
39 54.4 43.9 65.9





#49

1,4-Dioxane

Concen: 440.191 ug/l

RT: 6.964 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 88 Resp: 1663

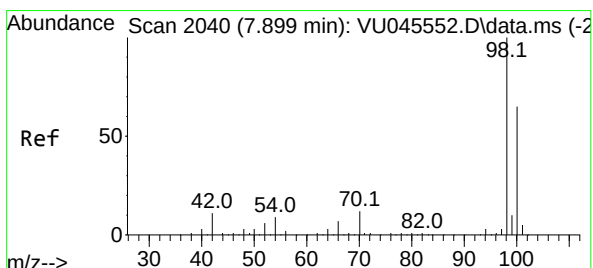
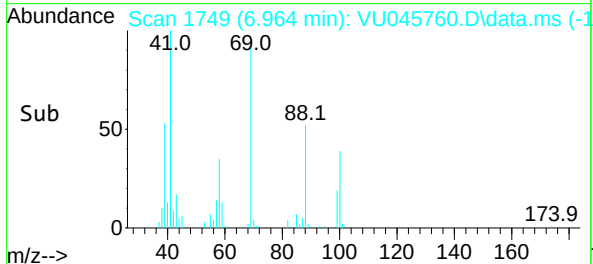
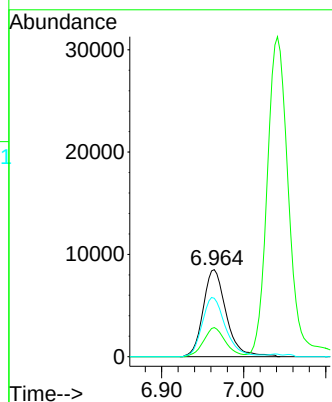
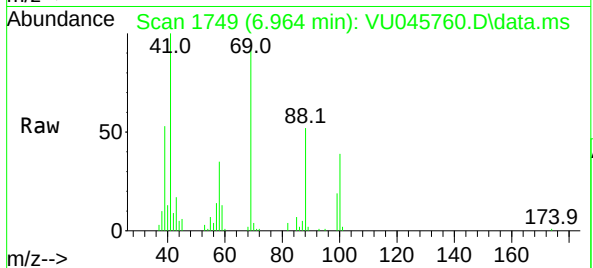
Ion	Ratio	Lower	Upper
88	100		
43	32.0	0.0	0.0
58	69.0	58.7	88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 49.387 ug/l

RT: 7.900 min Scan# 2040

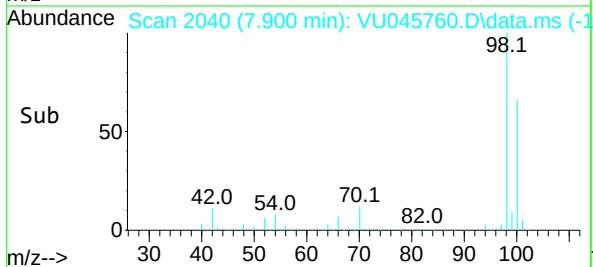
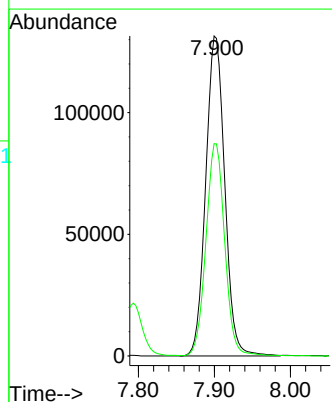
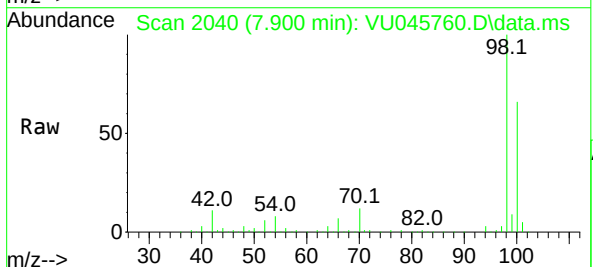
Delta R.T. 0.000 min

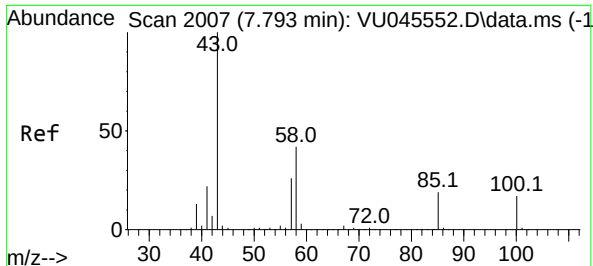
Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Tgt Ion: 98 Resp: 228453

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 105.738 ug/l

RT: 7.794 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 43 Resp: 22265

Ion Ratio Lower Upper

43 100

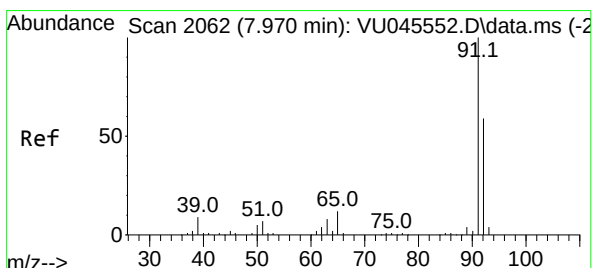
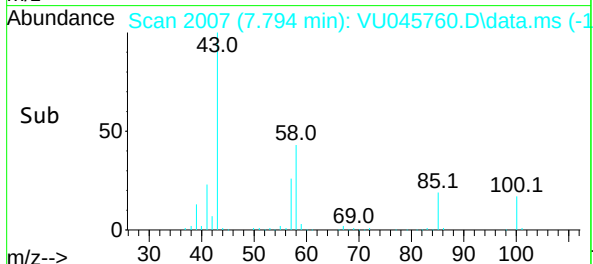
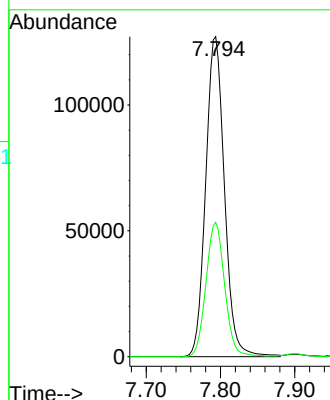
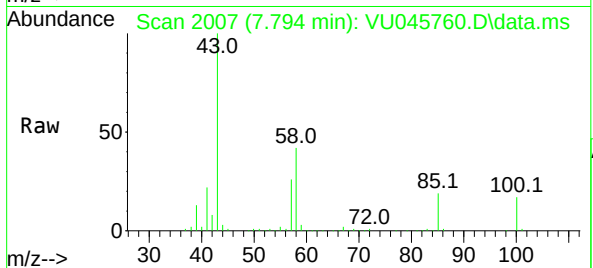
58 41.9 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#52

Toluene

Concen: 20.382 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045760.D

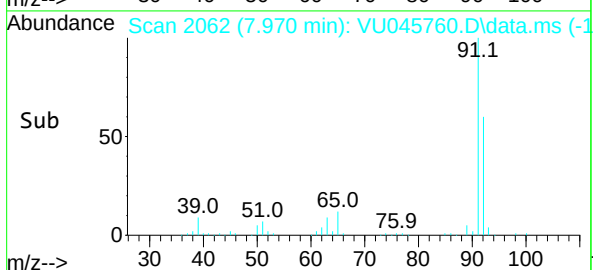
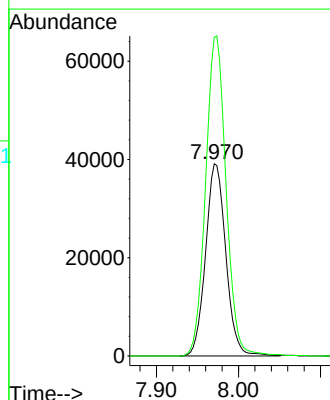
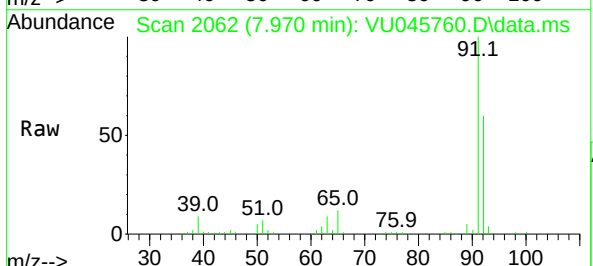
Acq: 12 Nov 2021 11:43

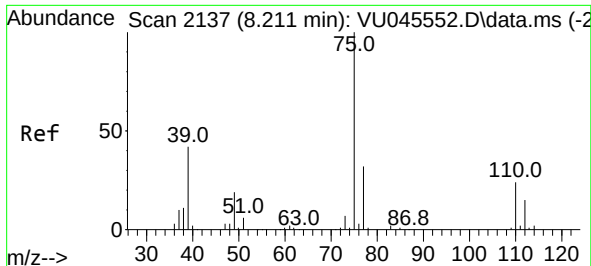
Tgt Ion: 92 Resp: 67120

Ion Ratio Lower Upper

92 100

91 167.9 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 19.298 ug/l

RT: 8.212 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 75 Resp: 41499

Ion Ratio Lower Upper

75 100

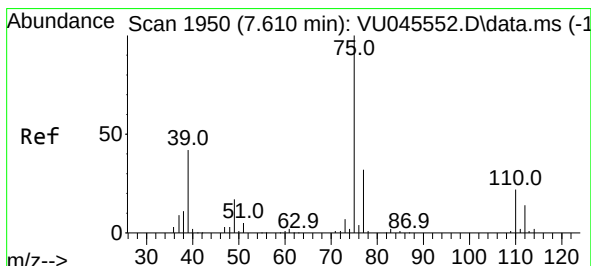
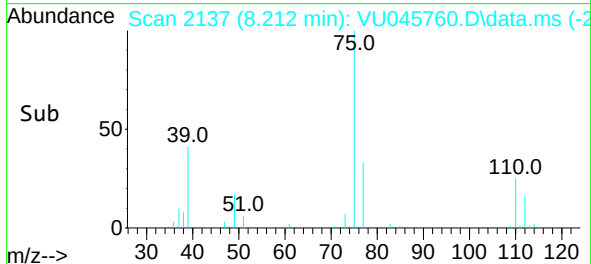
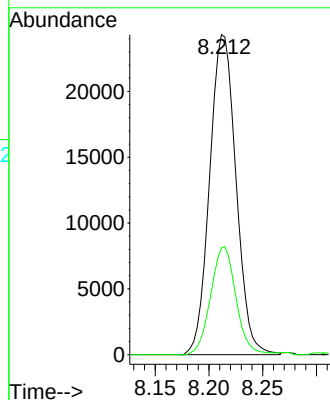
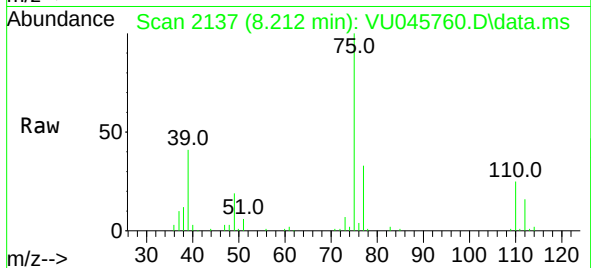
77 33.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#54

cis-1,3-Dichloropropene

Concen: 20.283 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

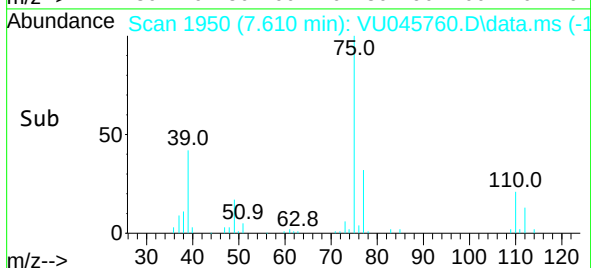
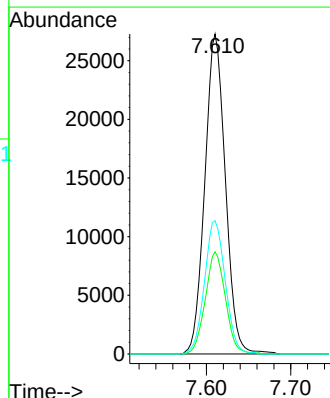
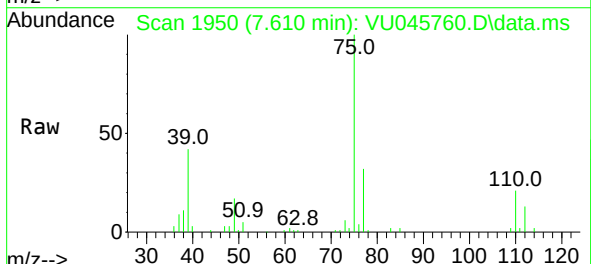
Tgt Ion: 75 Resp: 46328

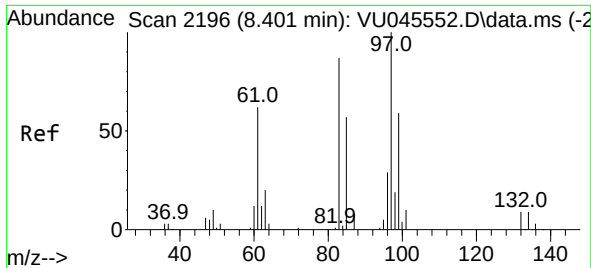
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

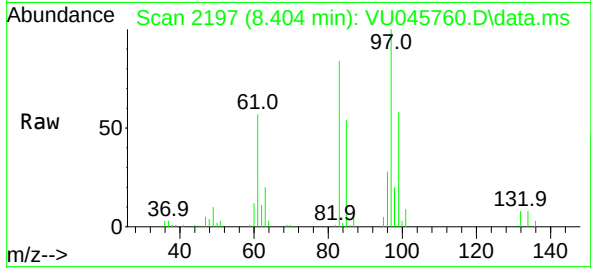
39 41.7 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 21.895 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

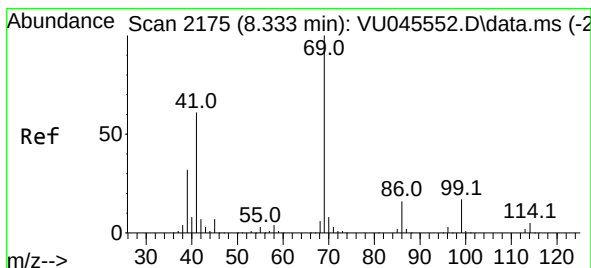
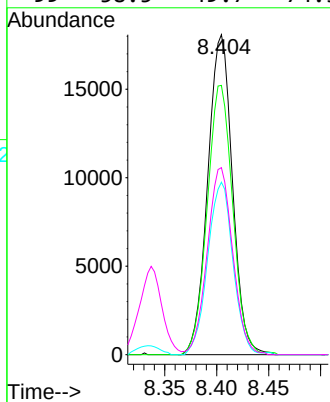
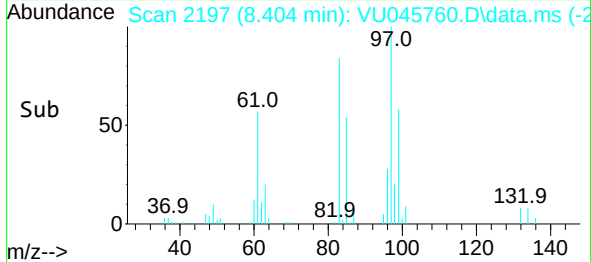
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



Tgt Ion: 97 Resp: 2988
Ion Ratio Lower Upper
97 100
83 84.2 70.3 105.5
85 53.9 45.5 68.3
99 58.5 49.7 74.5

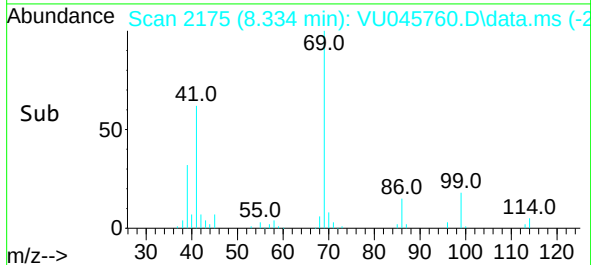
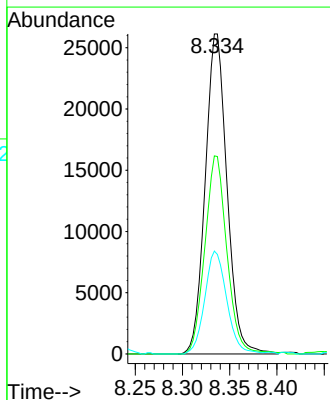
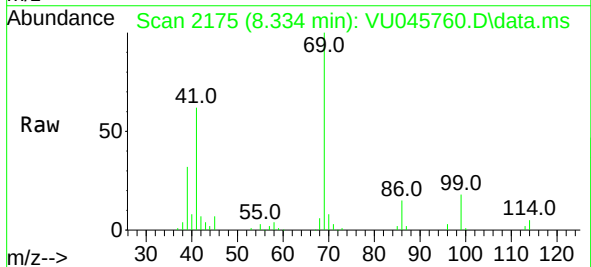
Manual Integrations
APPROVED

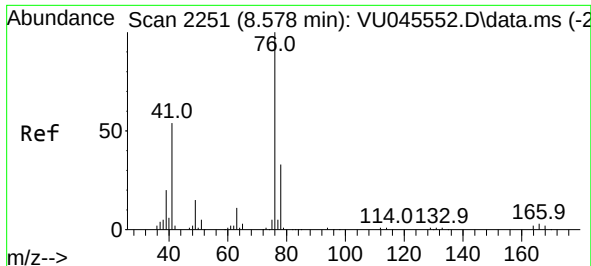
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#56
Ethyl methacrylate
Concen: 18.711 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.001 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 69 Resp: 41903
Ion Ratio Lower Upper
69 100
41 62.8 51.0 76.4
39 32.4 26.6 39.8





#57

1,3-Dichloropropane

Concen: 21.077 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 76 Resp: 51810

Ion Ratio Lower Upper

76 100

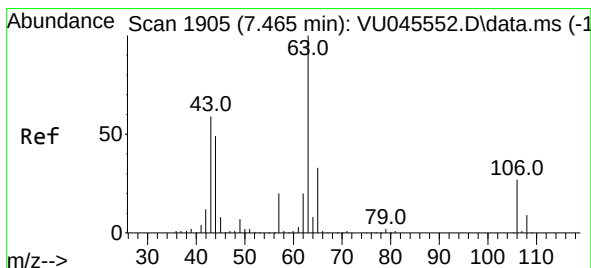
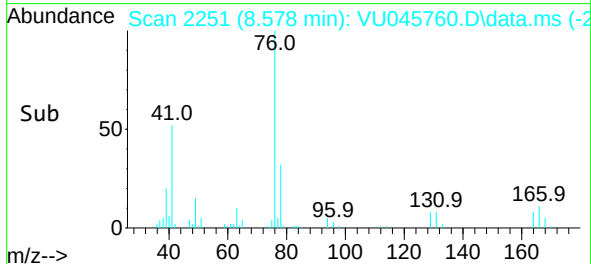
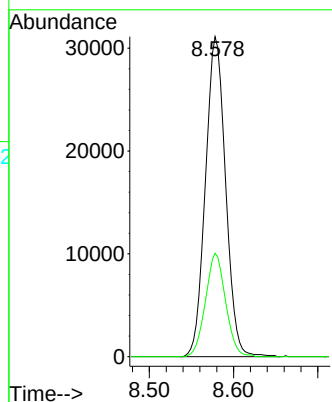
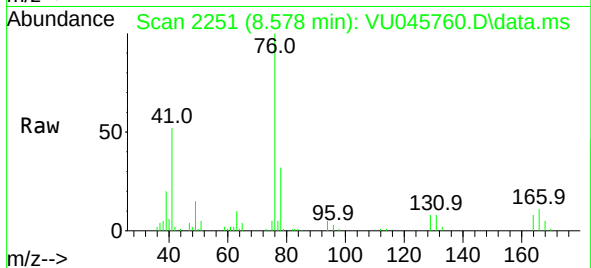
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 79.598 ug/l

RT: 7.466 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045760.D

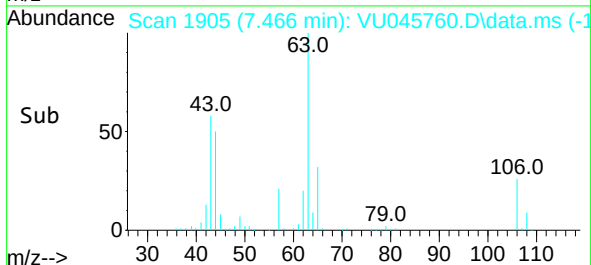
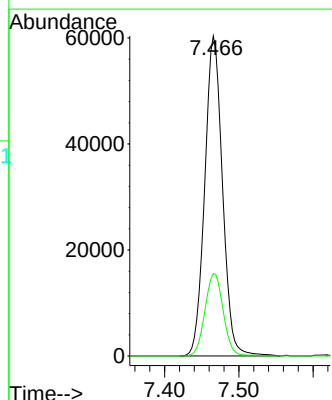
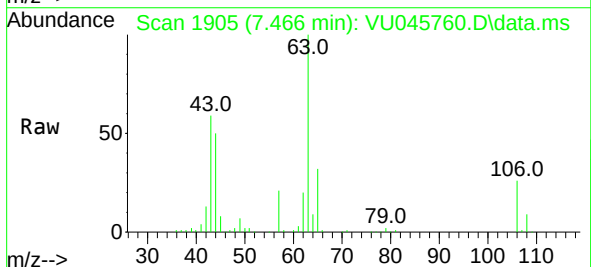
Acq: 12 Nov 2021 11:43

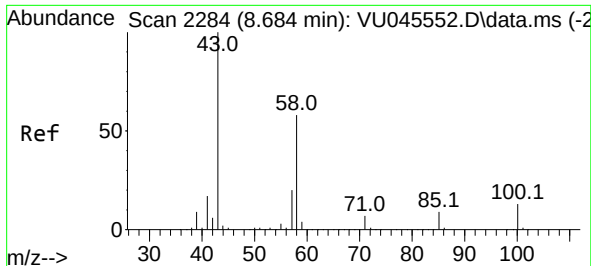
Tgt Ion: 63 Resp: 100014

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4





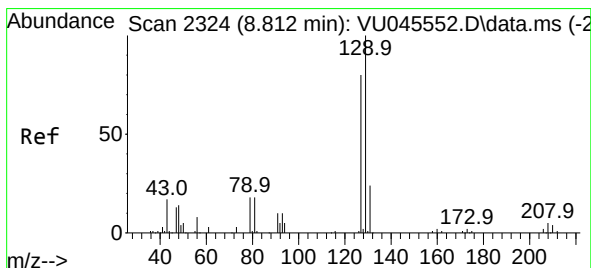
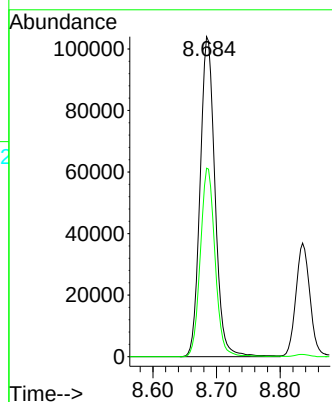
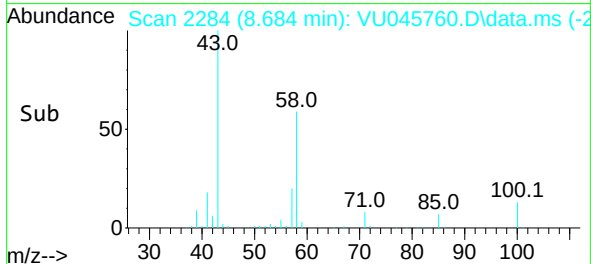
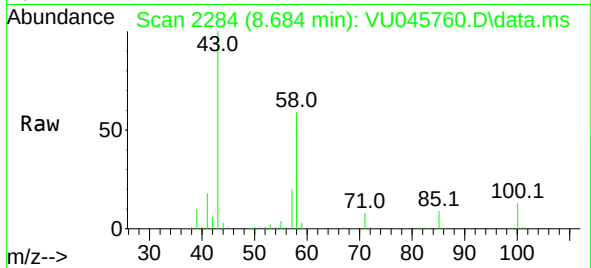
#59
2-Hexanone
Concen: 96.913 ug/l
RT: 8.684 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion: 43 Resp: 16885
Ion Ratio Lower Upper
43 100
58 57.9 29.5 88.6

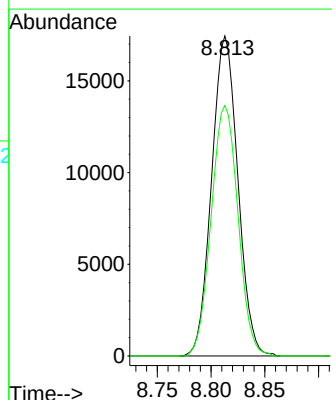
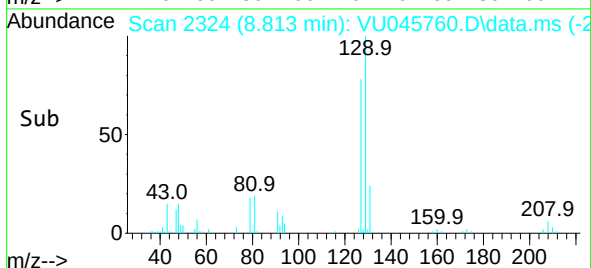
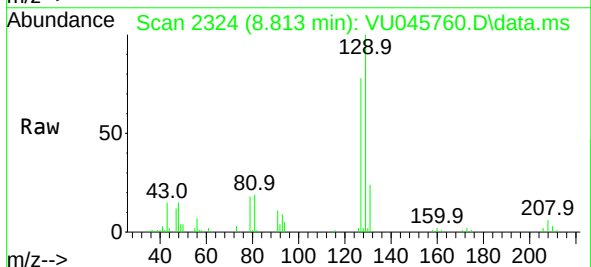
Manual Integrations
APPROVED

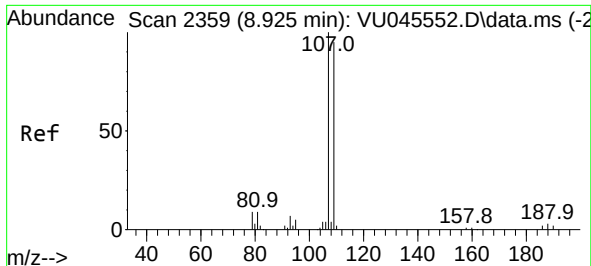
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 20.825 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

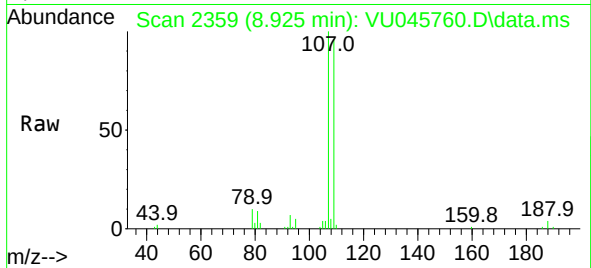
Tgt Ion:129 Resp: 29595
Ion Ratio Lower Upper
129 100
127 80.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 20.432 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

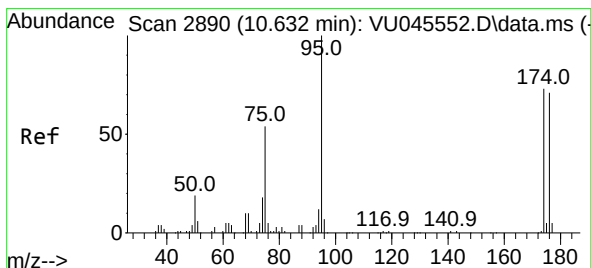
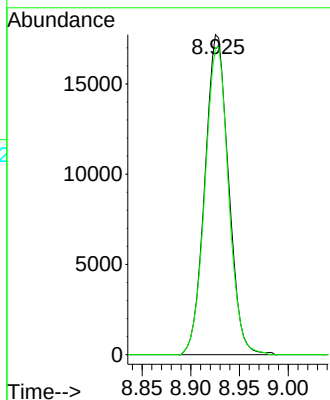
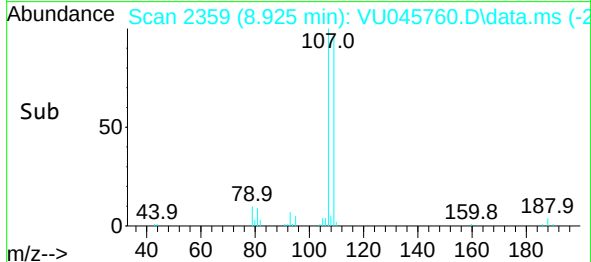
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



Tgt Ion:107 Resp: 2990
Ion Ratio Lower Upper
107 100
109 96.1 75.8 113.8

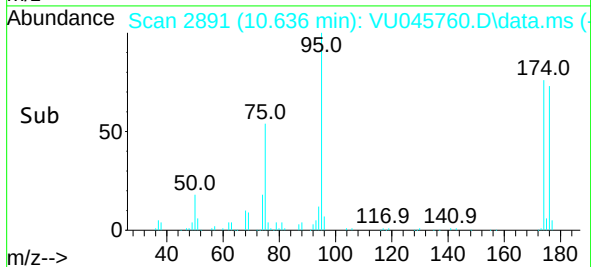
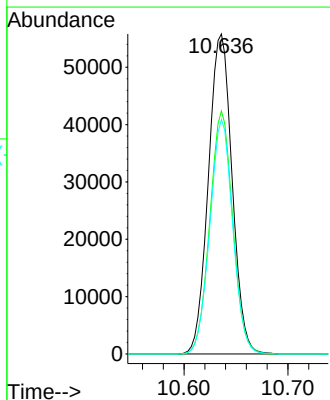
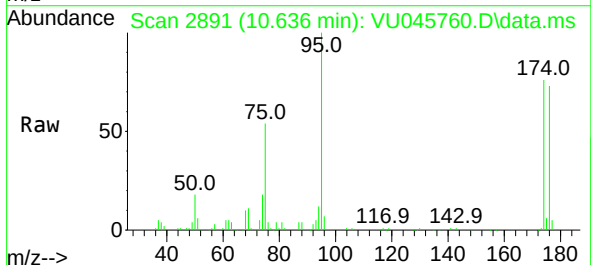
Manual Integrations
APPROVED

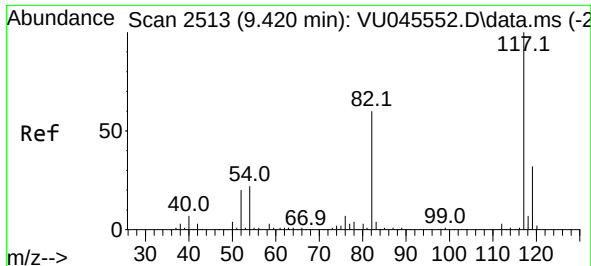
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#62
4-Bromofluorobenzene
Concen: 47.650 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

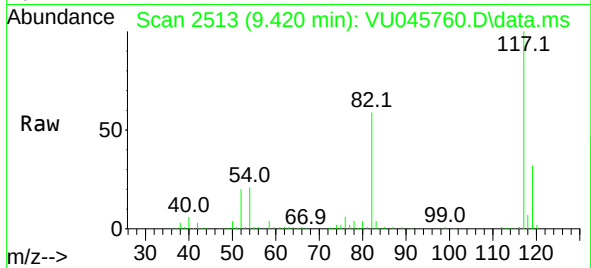
Tgt Ion: 95 Resp: 88386
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 71.0 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

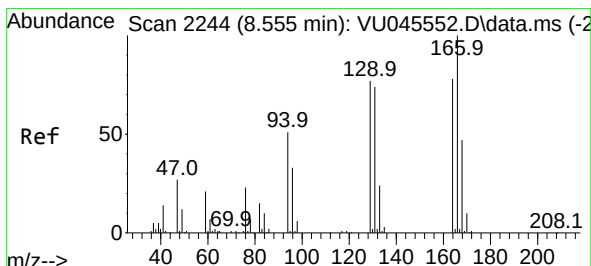
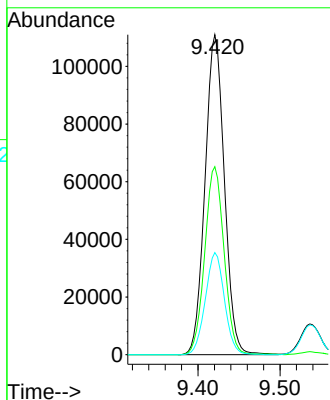
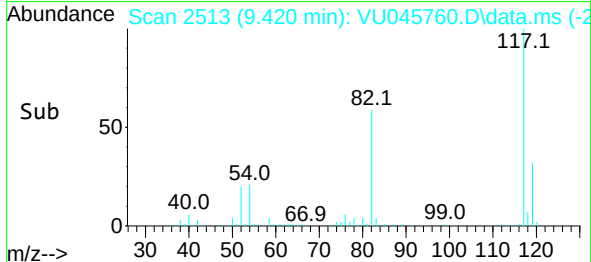
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



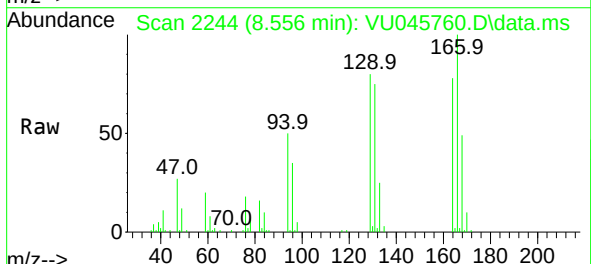
Tgt Ion:117 Resp: 18205
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 31.9 25.8 38.8

Manual Integrations
APPROVED

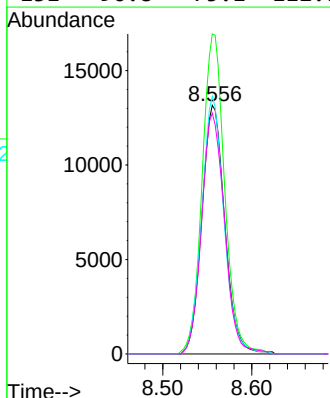
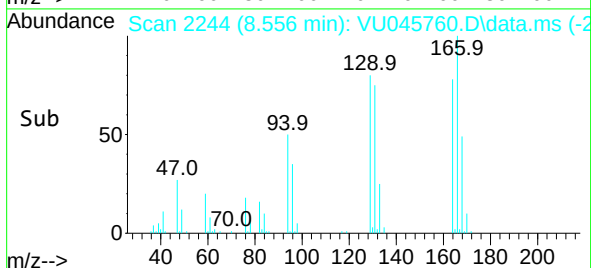
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

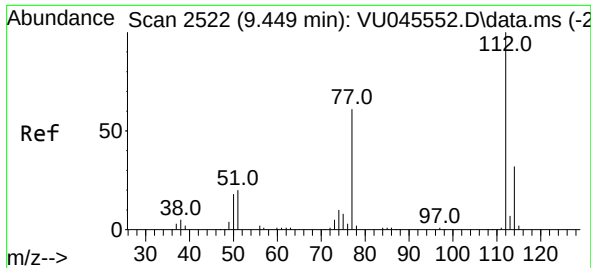


#64
Tetrachloroethene
Concen: 22.472 ug/l
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



Tgt Ion:164 Resp: 23481
Ion Ratio Lower Upper
164 100
166 128.7 102.2 153.4
129 103.6 78.2 117.4
131 96.8 75.1 112.7





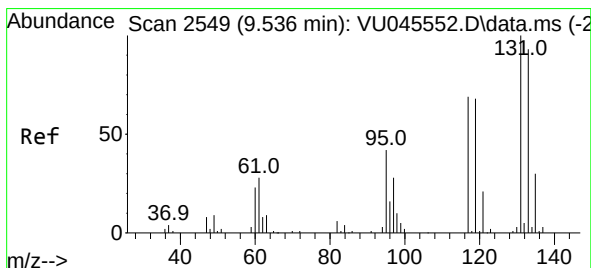
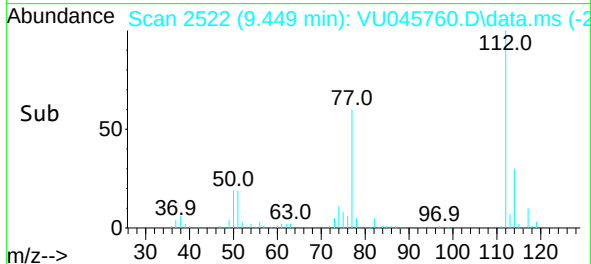
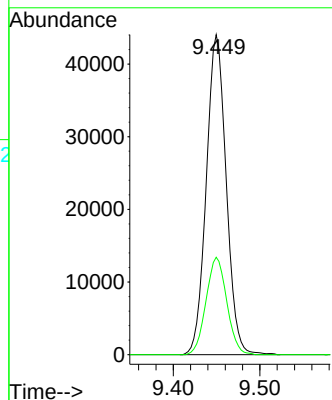
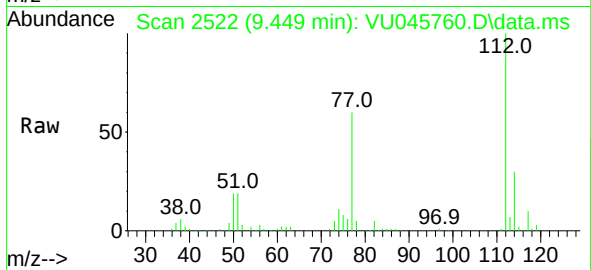
#65
Chlorobenzene
Concen: 19.703 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion:112 Resp: 70456
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5

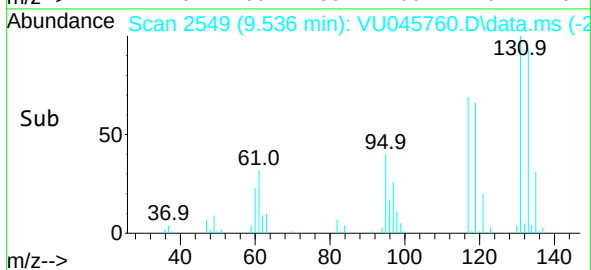
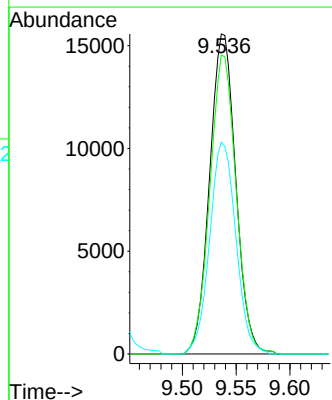
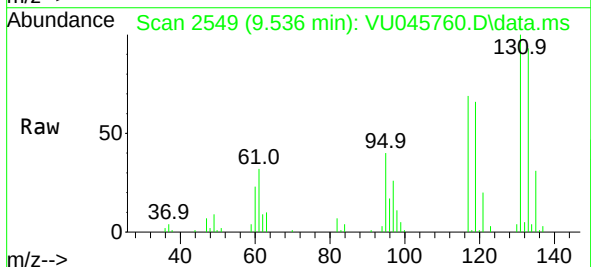
Manual Integrations
APPROVED

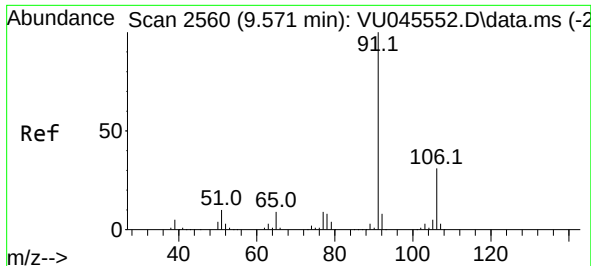
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:131 Resp: 26304
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.6
119 66.5 34.5 103.6





#67

Ethyl Benzene

Concen: 19.354 ug/l

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 91 Resp: 123939

Ion Ratio Lower Upper

91 100

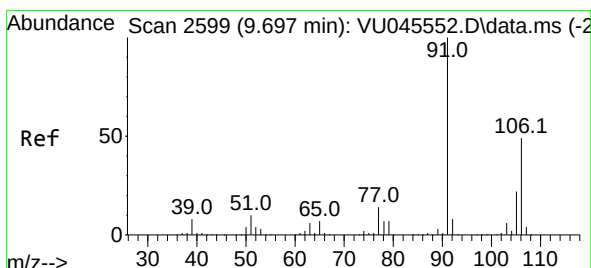
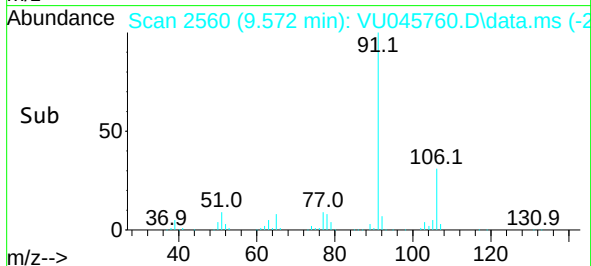
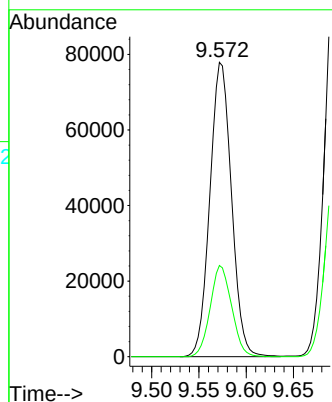
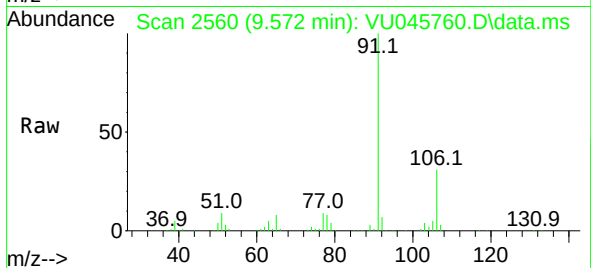
106 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#68

m/p-Xylenes

Concen: 39.533 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045760.D

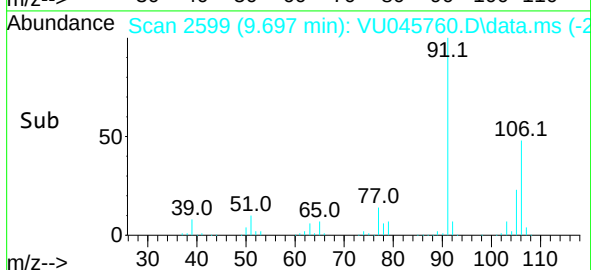
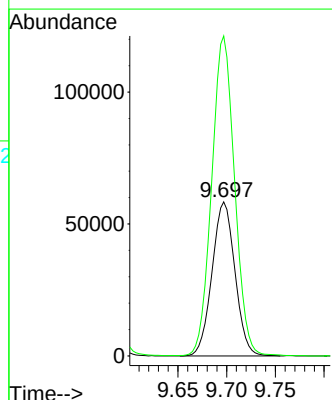
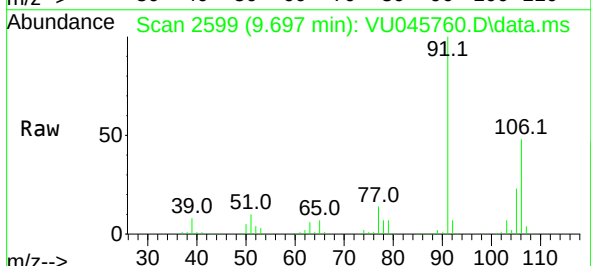
Acq: 12 Nov 2021 11:43

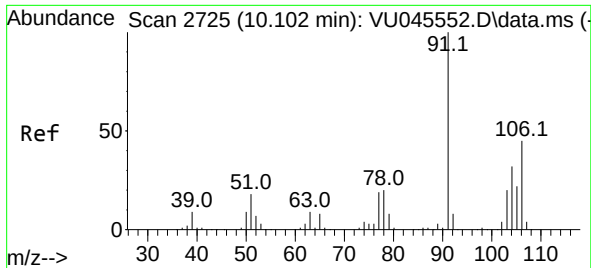
Tgt Ion:106 Resp: 95477

Ion Ratio Lower Upper

106 100

91 207.9 164.7 247.1





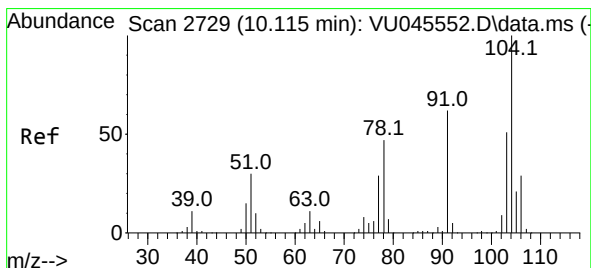
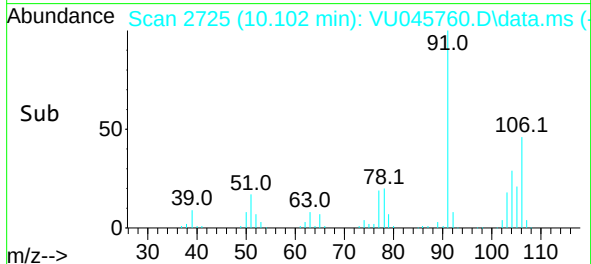
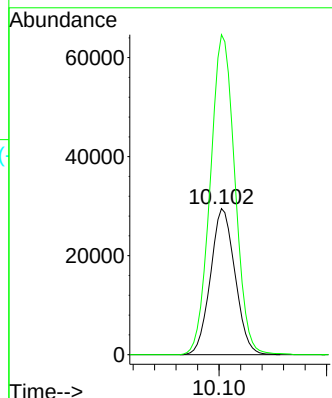
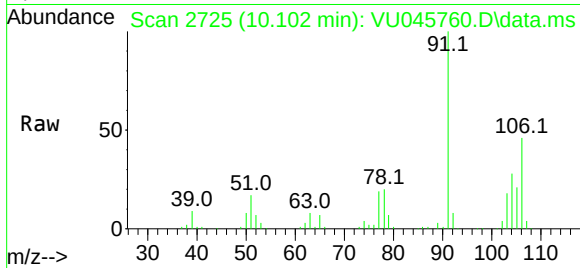
#69
o-Xylene
Concen: 19.904 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion:106 Resp: 46730
Ion Ratio Lower Upper
106 100
91 220.3 108.7 326.3

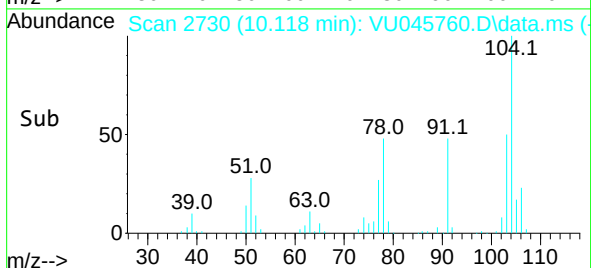
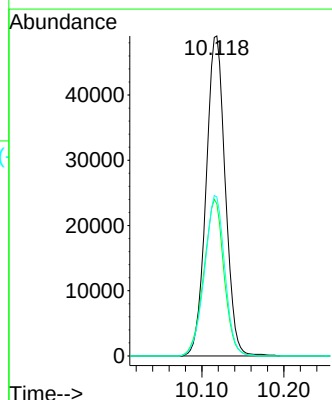
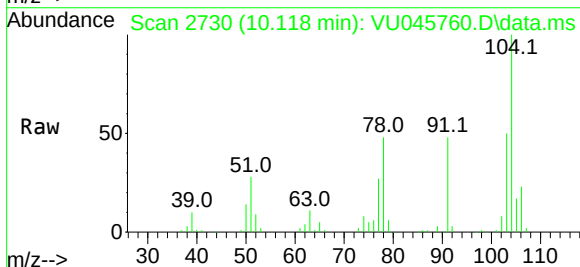
Manual Integrations
APPROVED

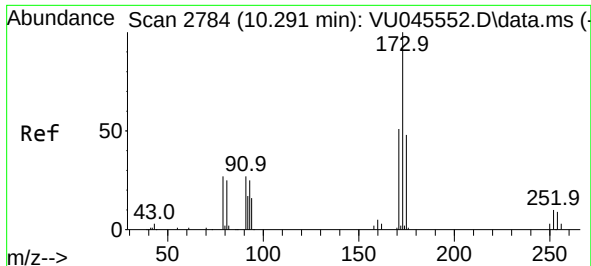
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 20.071 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

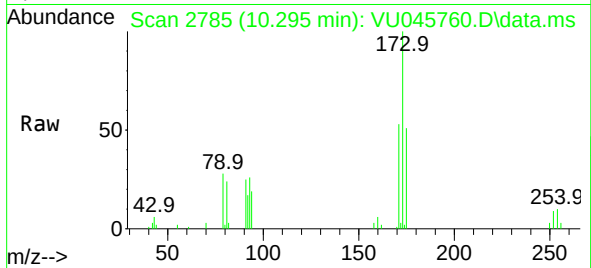
Tgt Ion:104 Resp: 79729
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.6
103 52.8 43.8 65.6





#71
Bromoform
Concen: 19.918 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

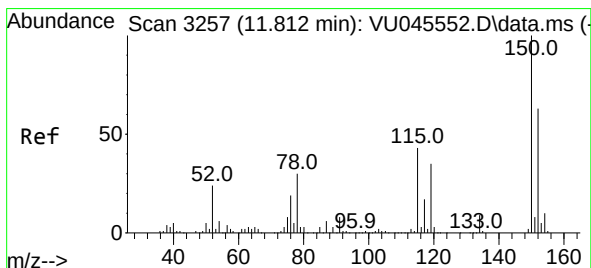
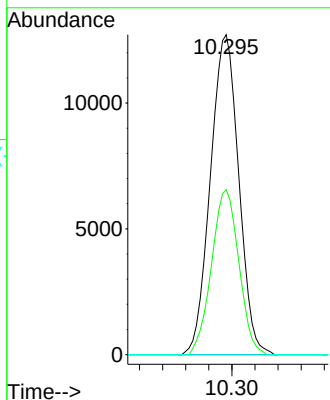
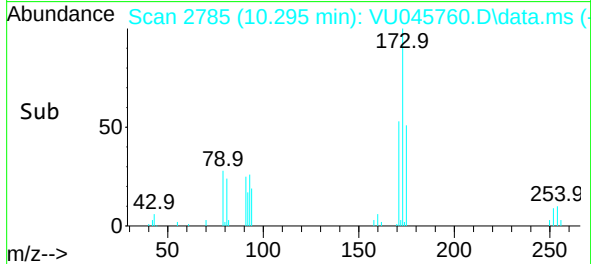
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



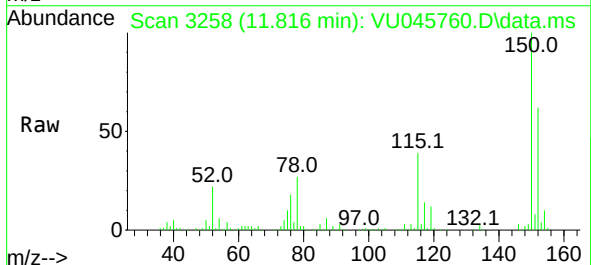
Tgt Ion:173 Resp: 21658
Ion Ratio Lower Upper
173 100
175 49.6 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
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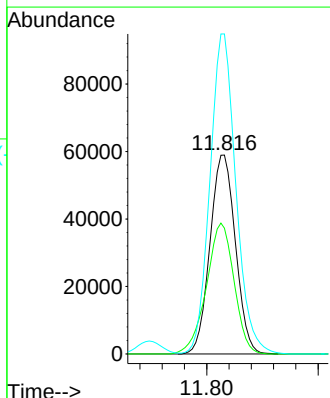
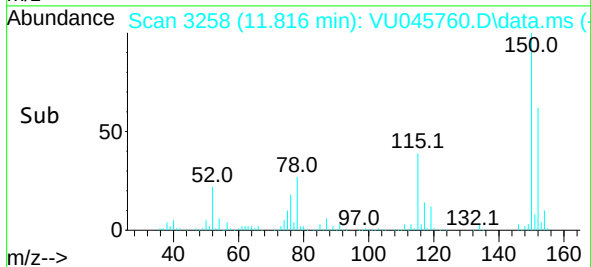
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

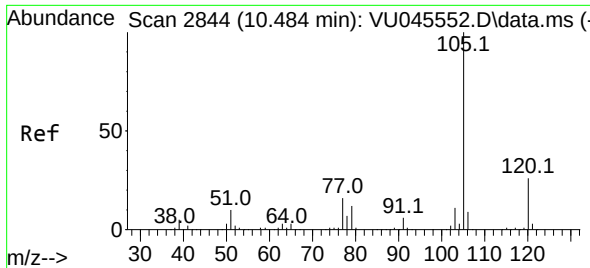


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



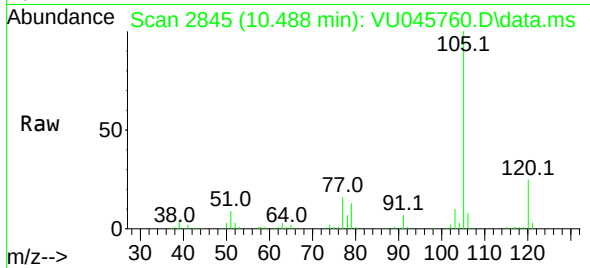
Tgt Ion:152 Resp: 93588
Ion Ratio Lower Upper
152 100
115 71.3 42.7 128.1
150 164.1 0.0 346.8





#73
Isopropylbenzene
Concen: 20.493 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

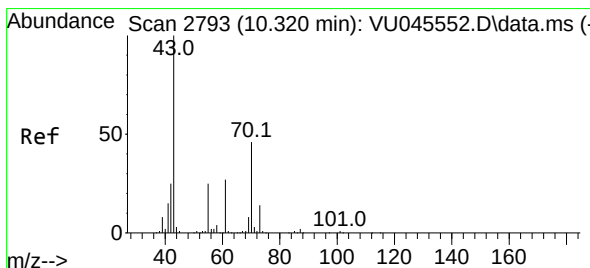
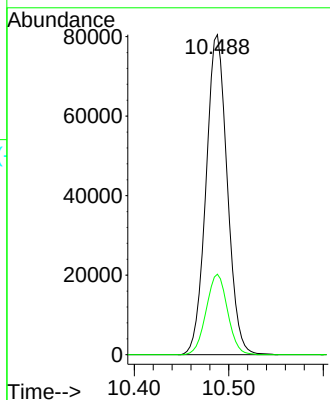
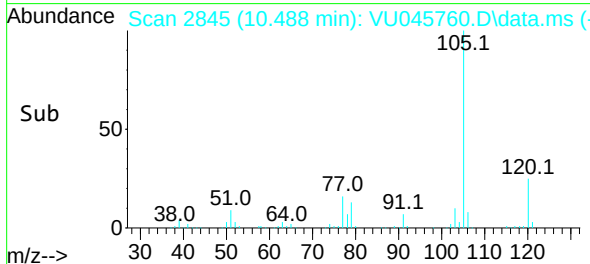
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



Tgt Ion:105 Resp: 125315
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6

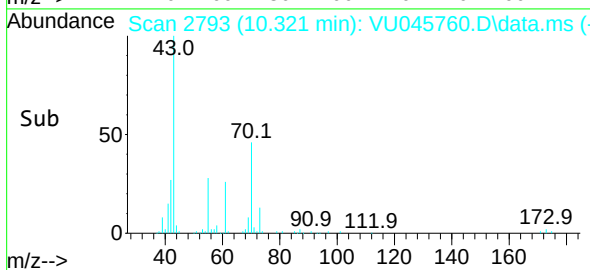
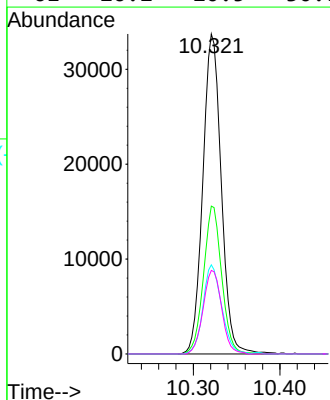
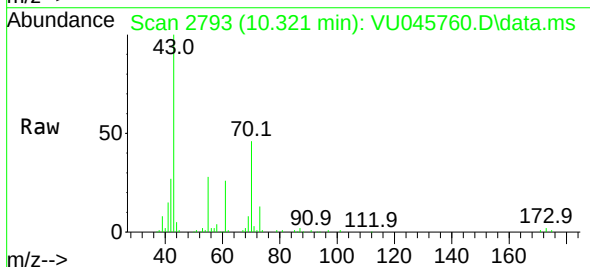
Manual Integrations
APPROVED

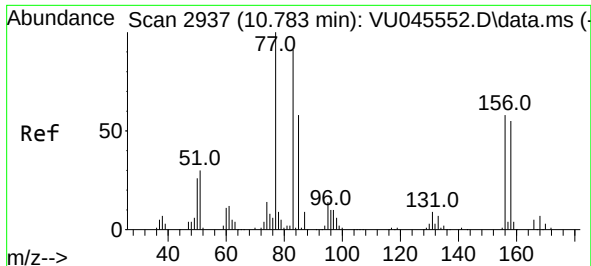
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#74
N-ethyl acetate
Concen: 18.135 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

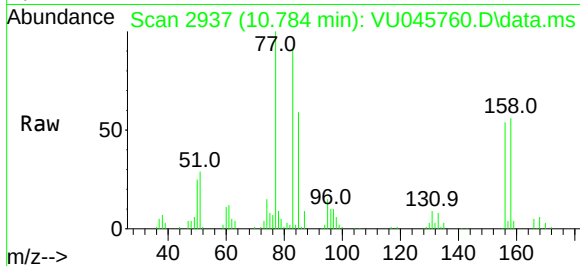
Tgt Ion: 43 Resp: 50028
Ion Ratio Lower Upper
43 100
70 45.5 36.9 55.3
55 28.1 20.6 31.0
61 26.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.838 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

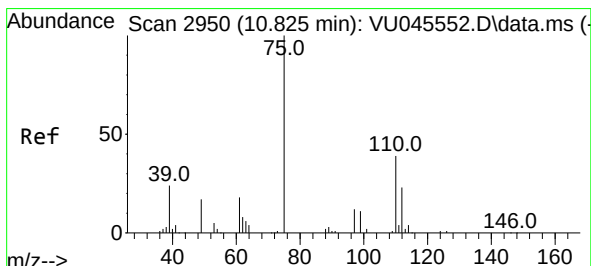
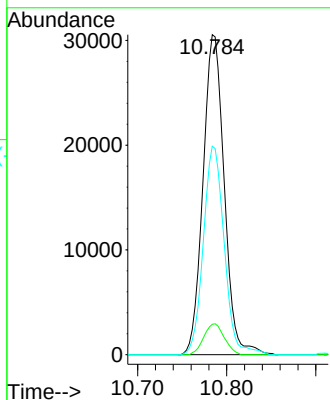
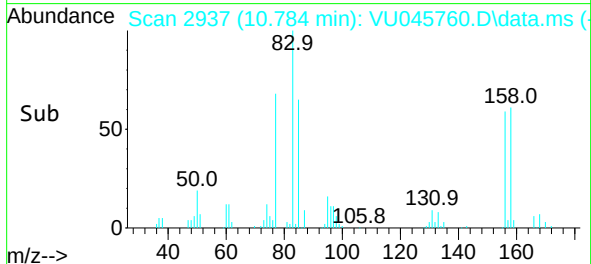
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



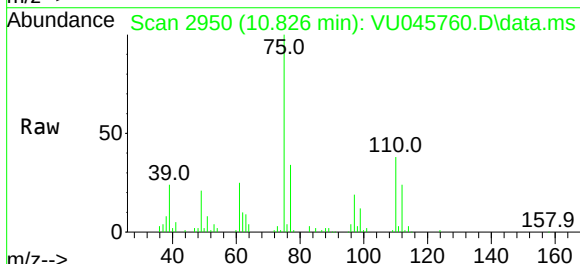
Tgt Ion: 83 Resp: 5048
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 64.1 31.9 95.9

Manual Integrations
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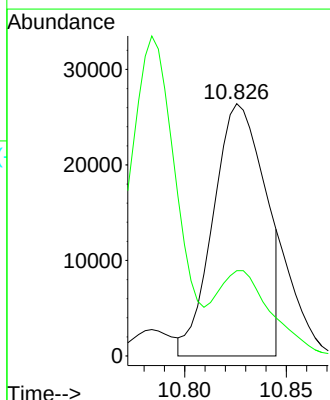
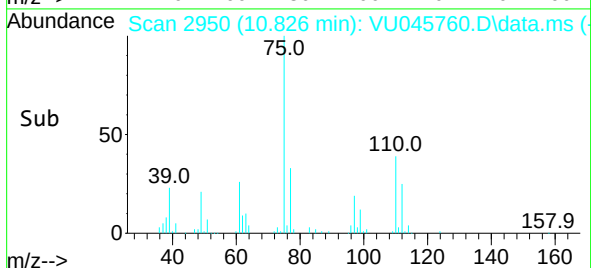
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

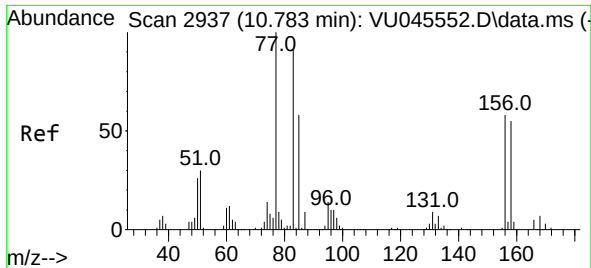


#76
1,2,3-Trichloropropane
Concen: 16.423 ug/l m
RT: 10.826 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



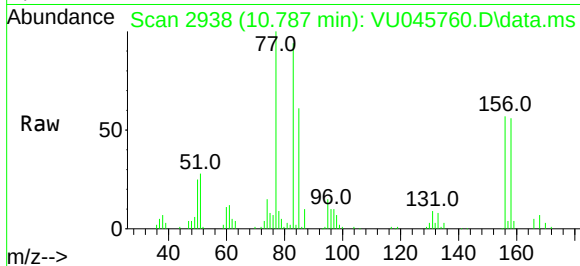
Tgt Ion: 75 Resp: 46611
Ion Ratio Lower Upper
75 100
77 36.7 17.1 51.3





#77
Bromobenzene
Concen: 20.374 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

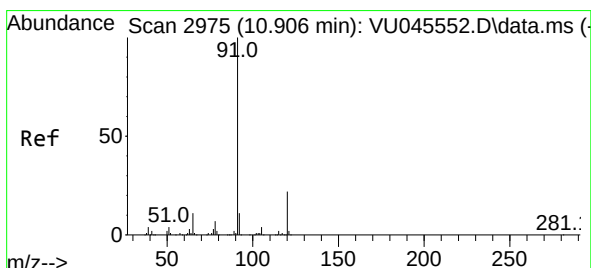
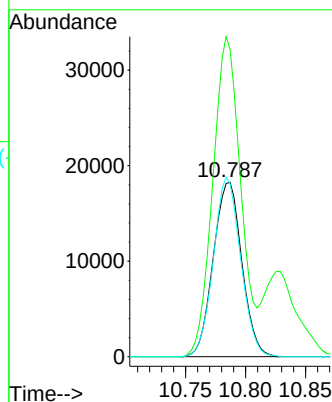
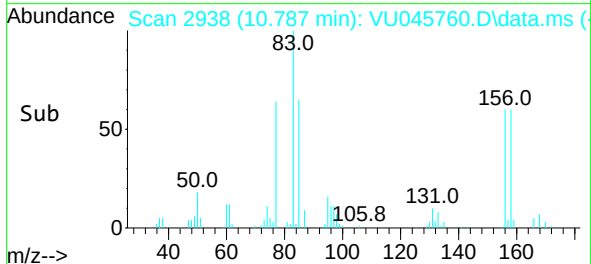
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



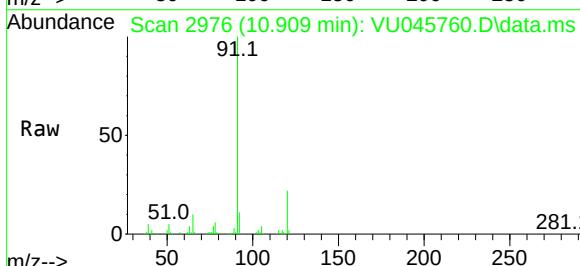
Tgt Ion:156 Resp: 30249
Ion Ratio Lower Upper
156 100
77 178.6 91.1 273.4
158 98.2 47.9 143.6

Manual Integrations
APPROVED

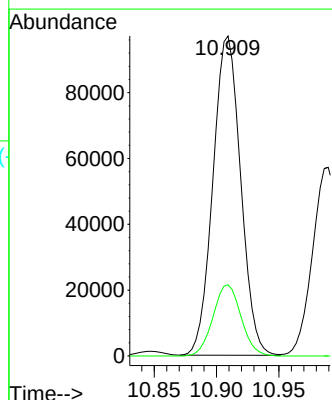
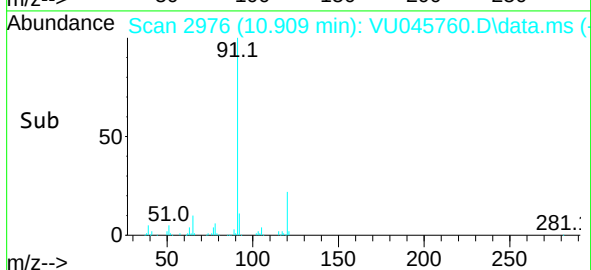
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

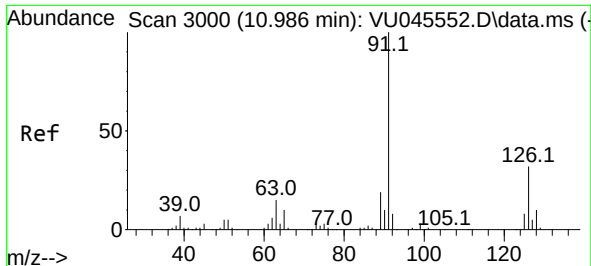


#78
n-propylbenzene
Concen: 19.732 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



Tgt Ion: 91 Resp: 150173
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.7





#79

2-Chlorotoluene

Concen: 20.342 ug/l

RT: 10.990 min Scan# 3000

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

Tgt Ion: 91 Resp: 9146

Ion Ratio Lower Upper

91 100

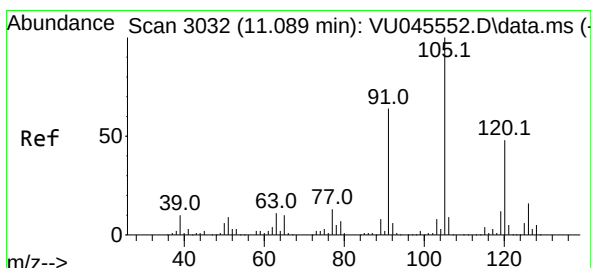
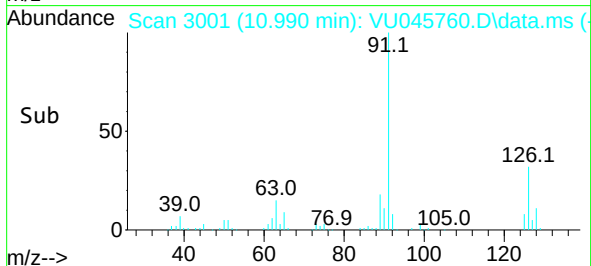
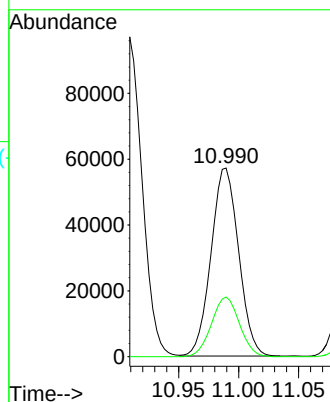
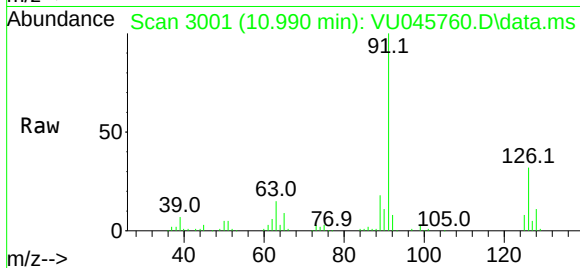
126 32.1 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#80

1,3,5-Trimethylbenzene

Concen: 20.012 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.004 min

Lab File: VU045760.D

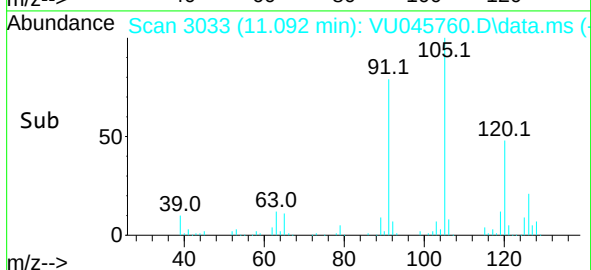
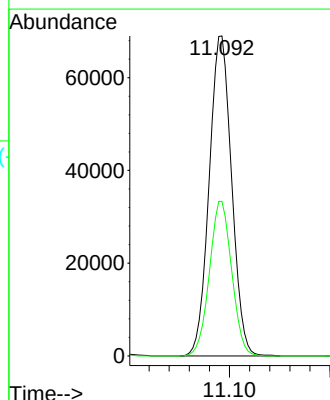
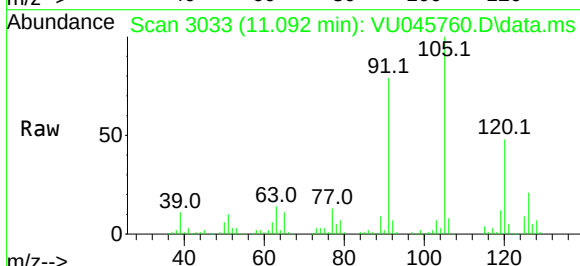
Acq: 12 Nov 2021 11:43

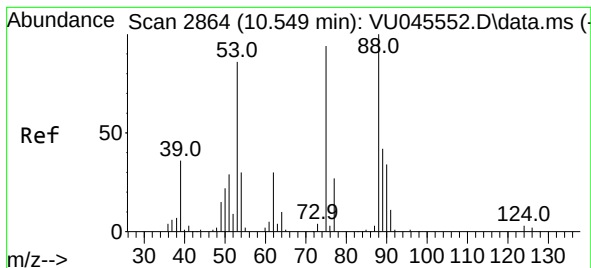
Tgt Ion:105 Resp: 106919

Ion Ratio Lower Upper

105 100

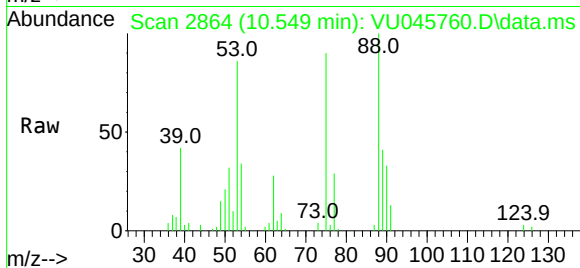
120 47.9 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.266 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

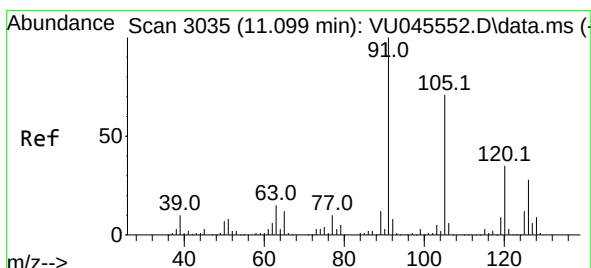
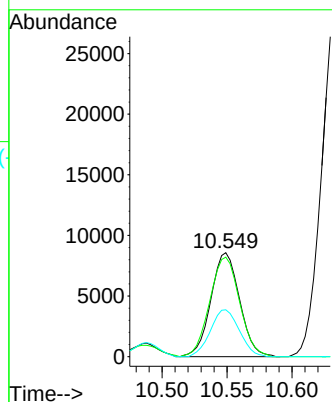
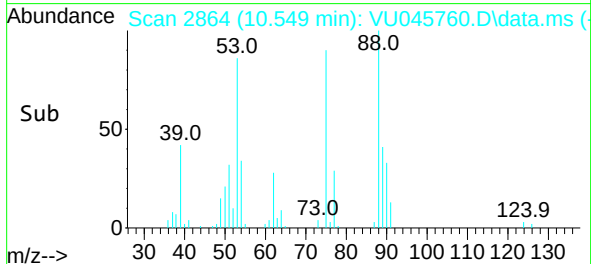
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
53 99.6 76.2 114.4
89 45.5 34.0 51.0

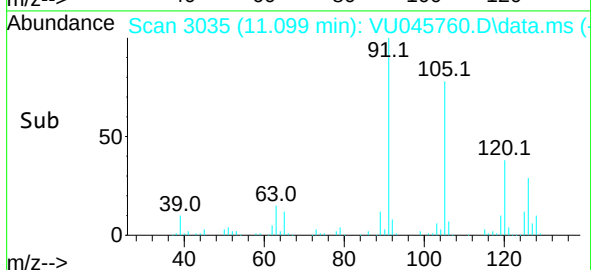
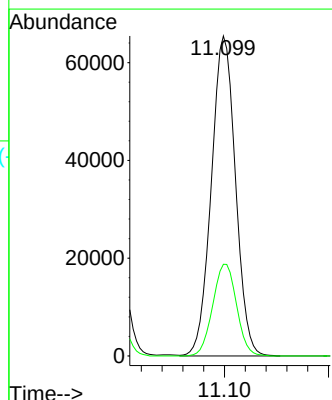
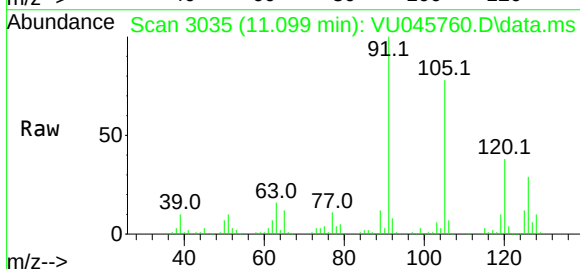
Manual Integrations
APPROVED

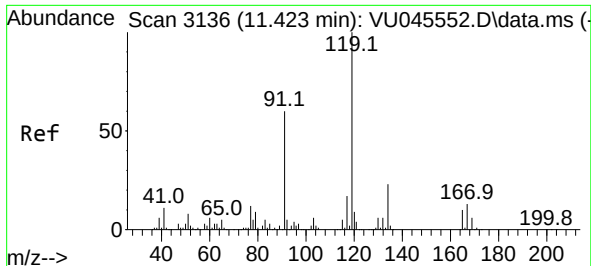
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 20.015 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

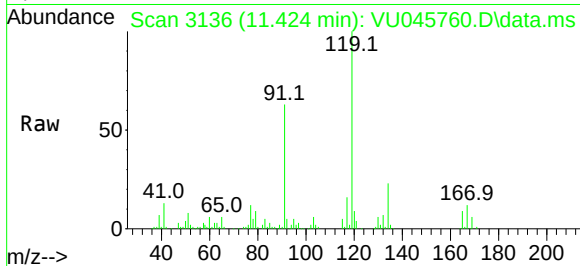
Tgt Ion: 91 Resp: 105542
Ion Ratio Lower Upper
91 100
126 28.3 13.8 41.4





#83
tert-Butylbenzene
Concen: 19.616 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

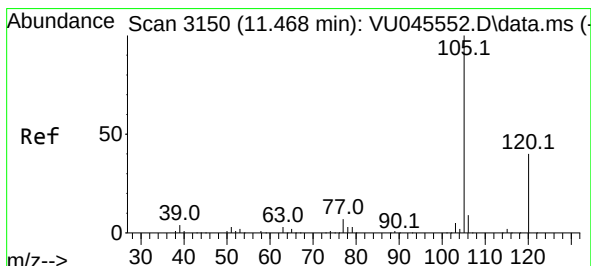
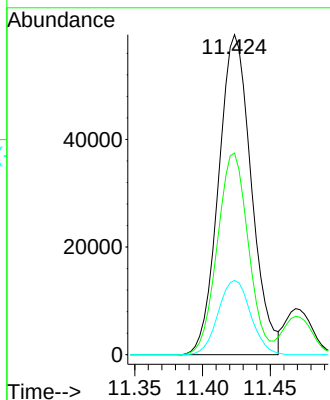
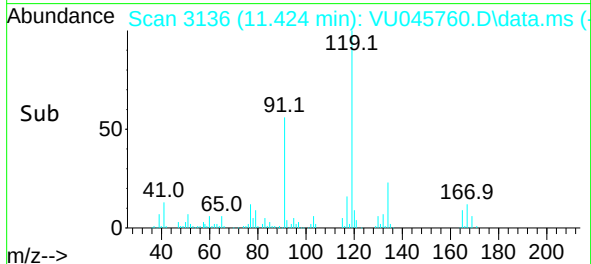
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



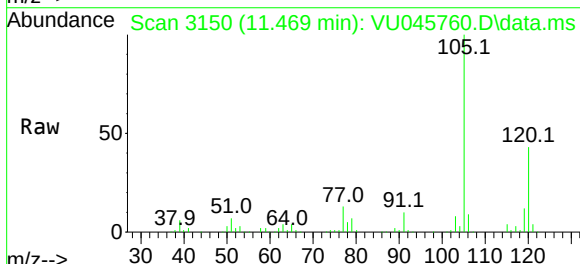
Tgt Ion:119 Resp: 9990
Ion Ratio Lower Upper
119 100
91 59.9 30.5 91.5
134 23.0 11.5 34.5

Manual Integrations
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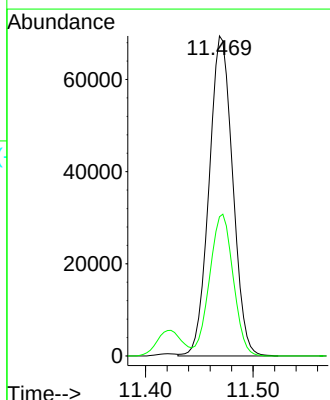
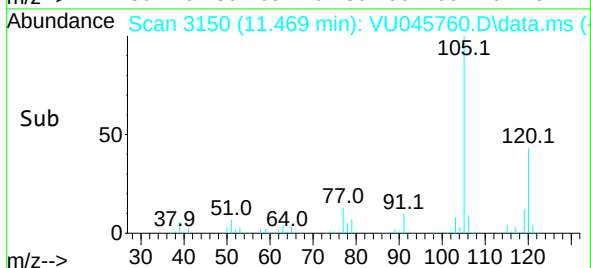
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

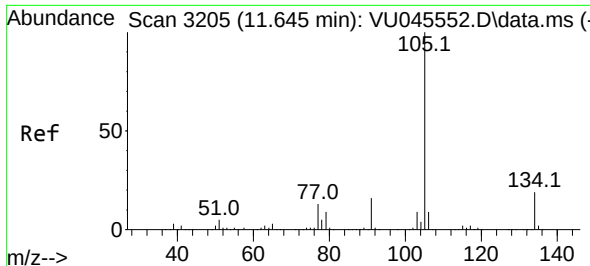


#84
1,2,4-Trimethylbenzene
Concen: 19.982 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



Tgt Ion:105 Resp: 106102
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





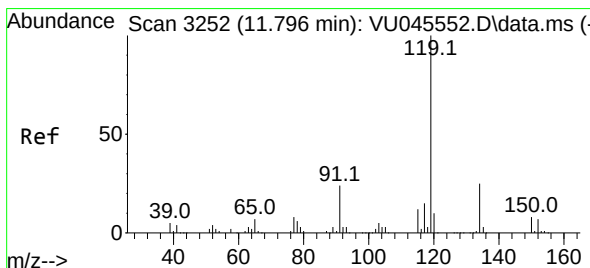
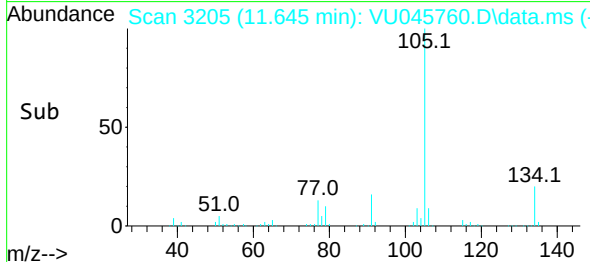
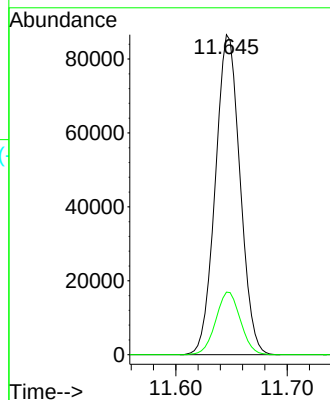
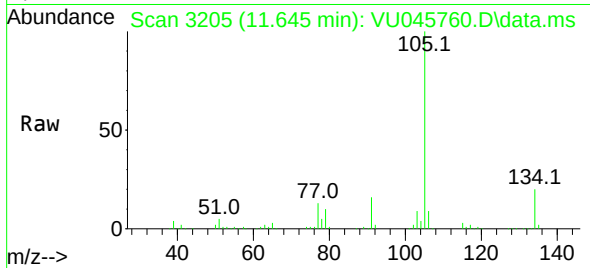
#85
 sec-Butylbenzene
 Concen: 19.717 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

Tgt Ion:105 Resp: 133180
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.4 28.3

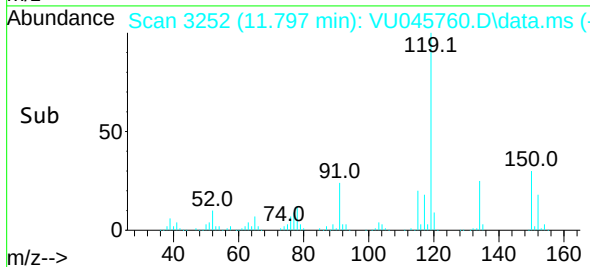
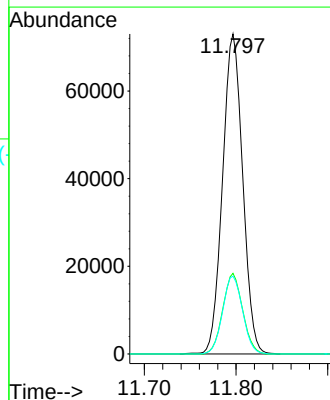
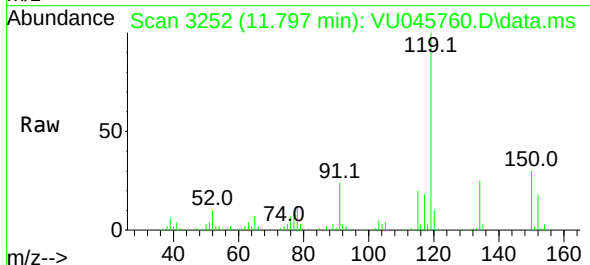
Manual Integrations
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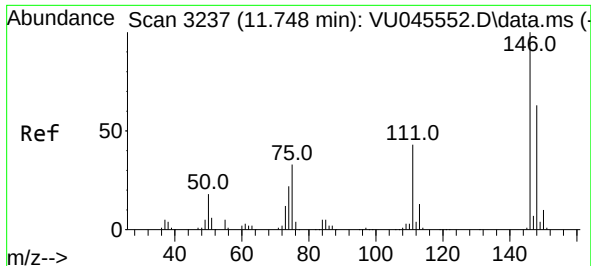
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#86
 p-Isopropyltoluene
 Concen: 19.719 ug/l
 RT: 11.797 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

Tgt Ion:119 Resp: 111301
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.414 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

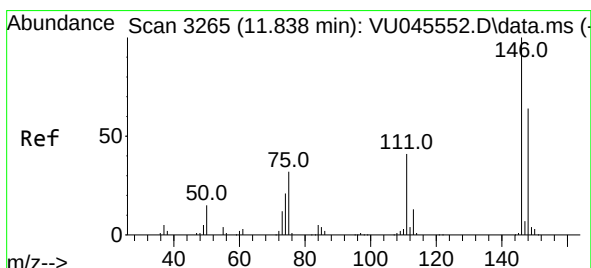
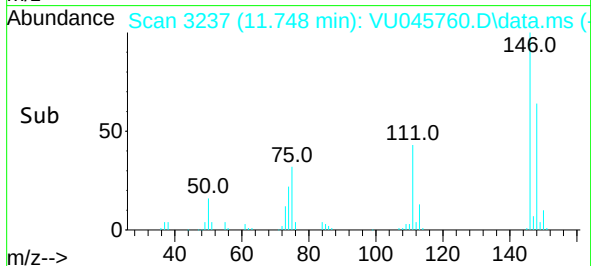
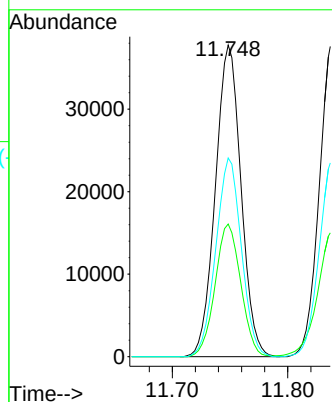
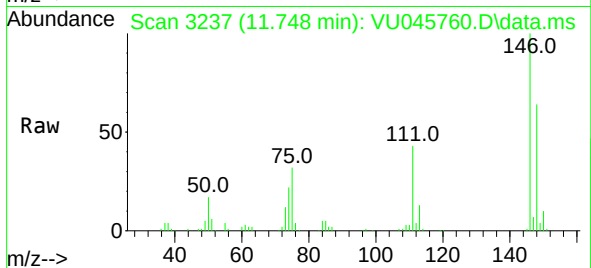
Tgt Ion:146 Resp: 5815
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 63.6 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#88

1,4-Dichlorobenzene

Concen: 19.782 ug/l

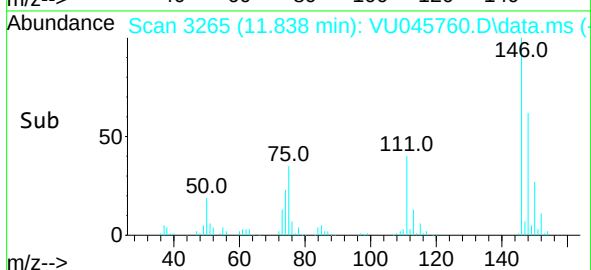
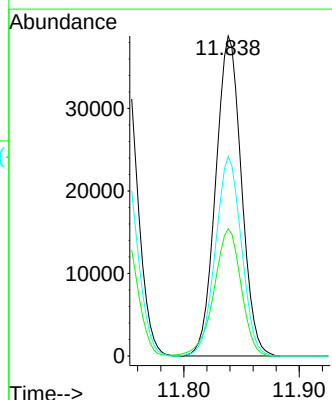
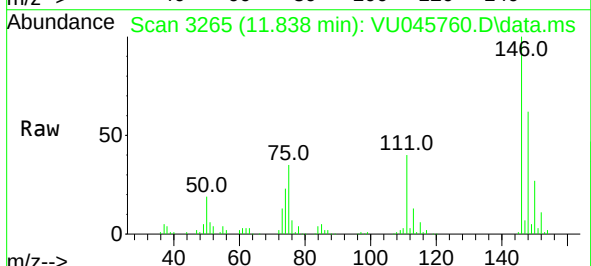
RT: 11.838 min Scan# 3265

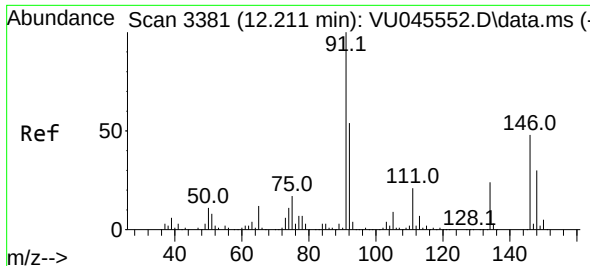
Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

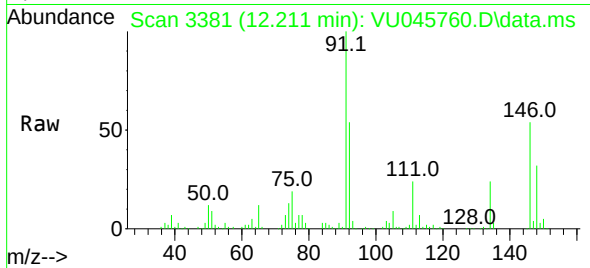
Tgt Ion:146 Resp: 59933
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 62.9 31.9 95.7





#89
n-Butylbenzene
Concen: 18.252 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

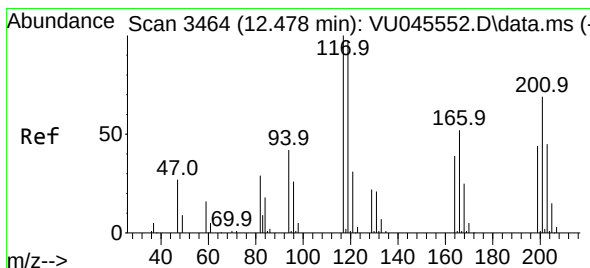
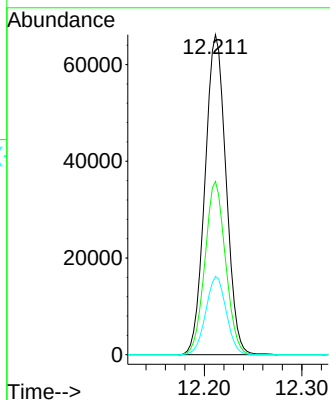
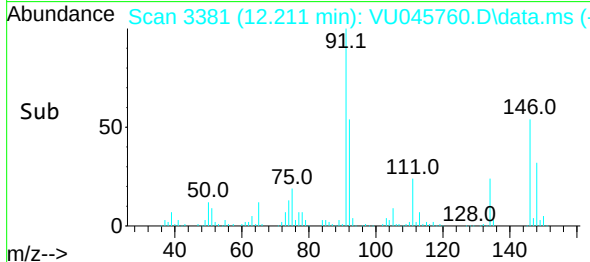
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



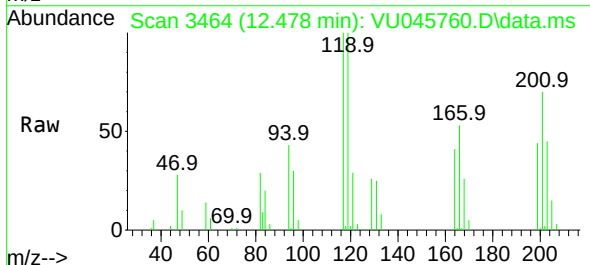
Tgt Ion: 91 Resp: 99230
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.2
134 23.8 11.8 35.4

Manual Integrations
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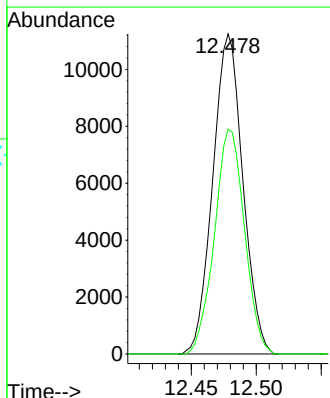
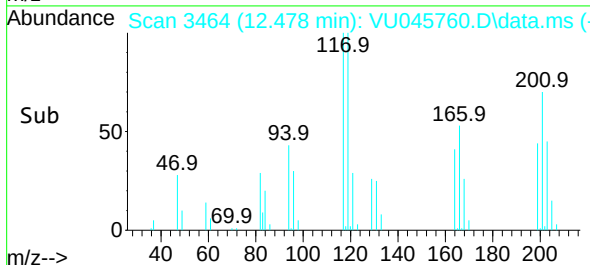
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

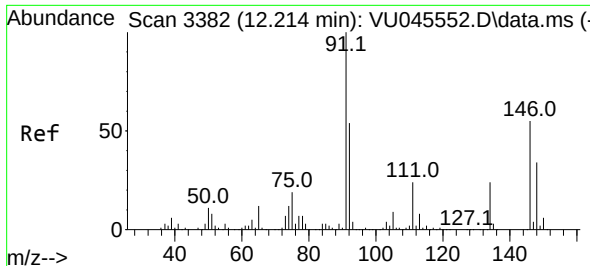


#90
Hexachloroethane
Concen: 17.753 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



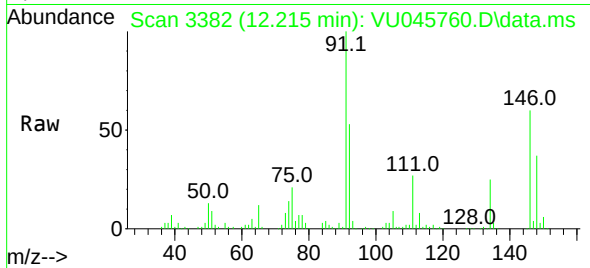
Tgt Ion:117 Resp: 18077
Ion Ratio Lower Upper
117 100
201 70.1 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 20.646 ug/l
RT: 12.215 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

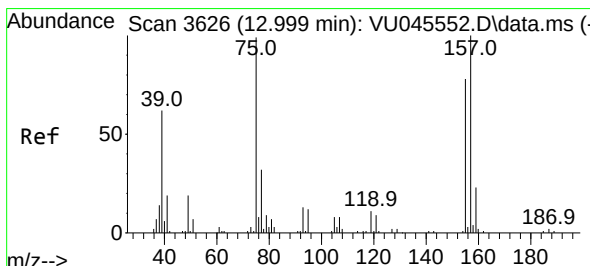
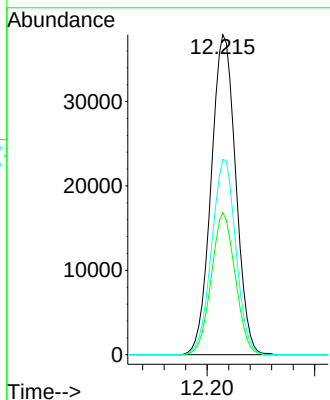
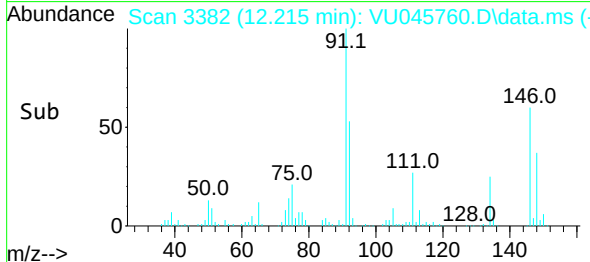
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



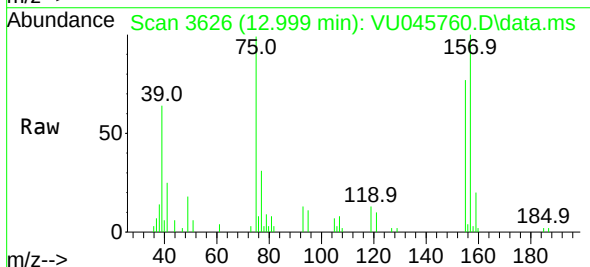
Tgt Ion:146 Resp: 60172
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.5
148 60.3 32.1 96.3

Manual Integrations
APPROVED

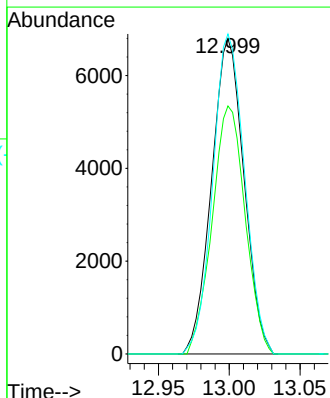
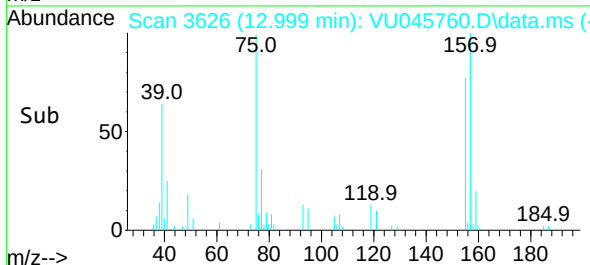
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

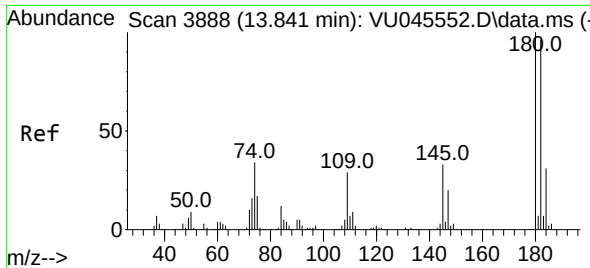


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.936 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



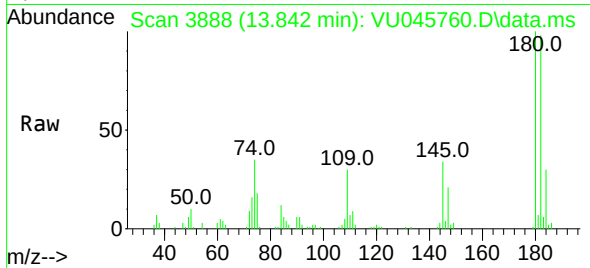
Tgt Ion: 75 Resp: 10825
Ion Ratio Lower Upper
75 100
155 79.8 37.8 113.3
157 99.3 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 17.984 ug/l
RT: 13.842 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

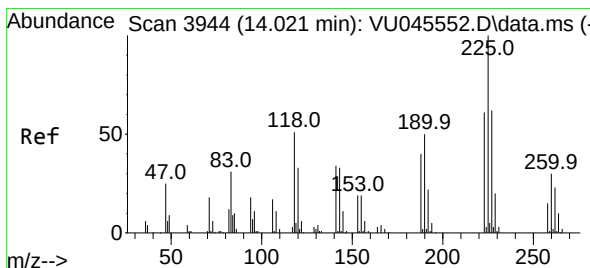
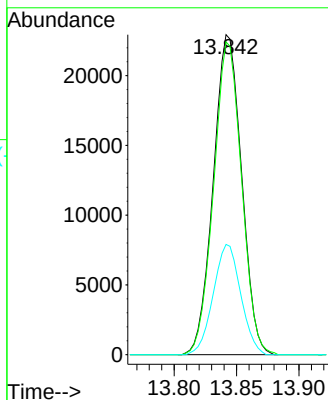
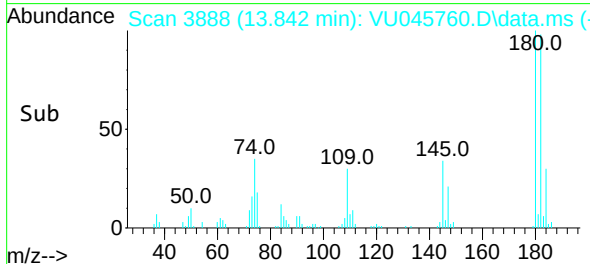
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



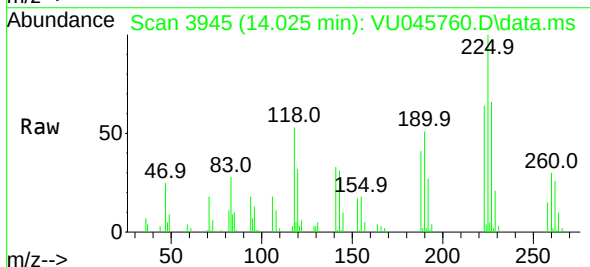
Tgt Ion:180 Resp: 36240
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.2
145 33.5 15.6 46.7

Manual Integrations
APPROVED

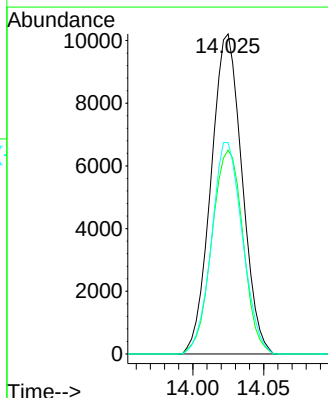
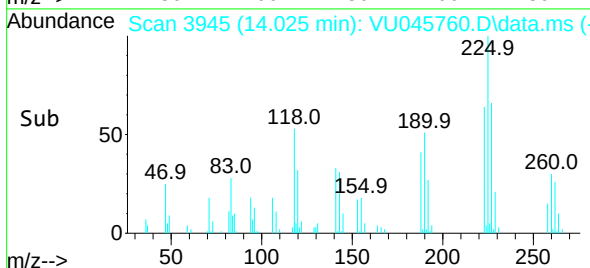
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

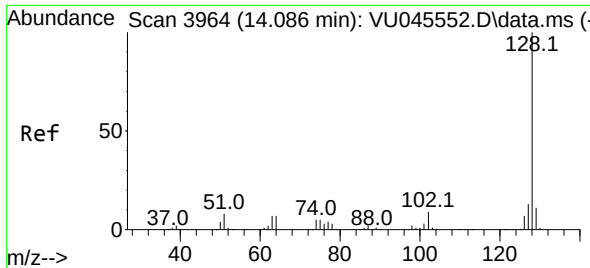


#94
Hexachlorobutadiene
Concen: 17.873 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



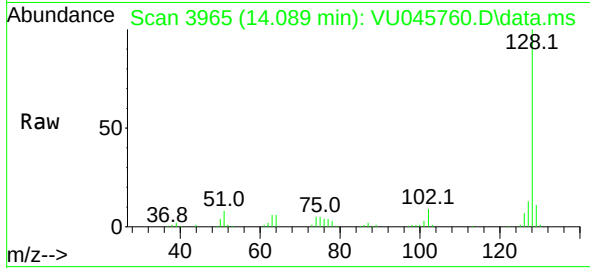
Tgt Ion:225 Resp: 15547
Ion Ratio Lower Upper
225 100
223 64.1 32.0 96.2
227 65.9 31.1 93.5





#95
Naphthalene
Concen: 18.287 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

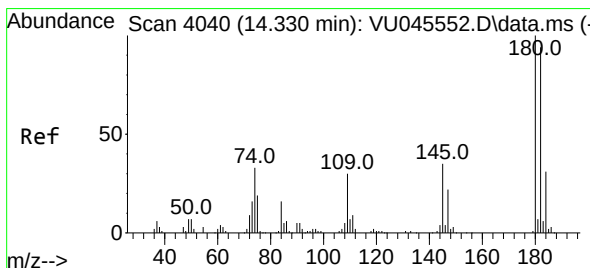
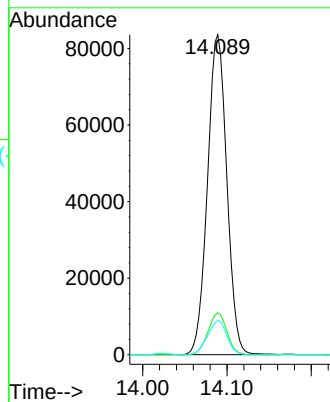
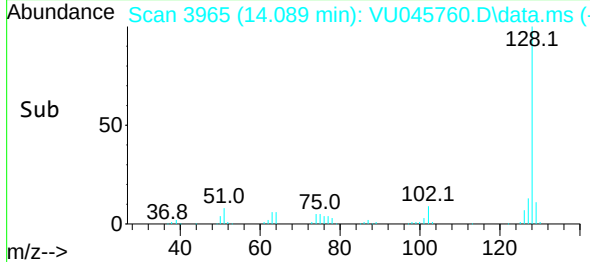
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01



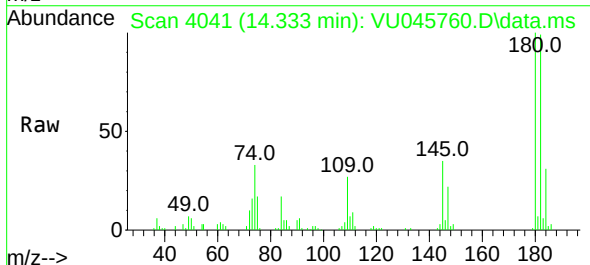
Tgt Ion:128 Resp: 13349
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.284 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43



Tgt Ion:180 Resp: 38598
Ion Ratio Lower Upper
180 100
182 96.2 47.7 143.1
145 35.7 16.7 50.0

