

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045633.D
 Acq On : 08 Nov 2021 22:50
 Operator : SY/MD
 Sample : VU1108WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108WBS02

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 10:06:31 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	5.375	168	141297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	256494	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	245441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	124195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	110695	52.311	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.620%			
35) Dibromofluoromethane	5.292	113	86078	50.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.540%			
50) Toluene-d8	7.899	98	323013	50.726	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.460%			
62) 4-Bromofluorobenzene	10.636	95	127302	49.855	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35642	19.455	ug/l	99
3) Chloromethane	1.524	50	39588	18.886	ug/l	99
4) Vinyl Chloride	1.604	62	41758	20.451	ug/l	100
5) Bromomethane	1.851	94	26374	23.158	ug/l	98
6) Chloroethane	1.932	64	24925	18.705	ug/l	100
7) Trichlorofluoromethane	2.141	101	53645	19.868	ug/l	97
8) Diethyl Ether	2.379	74	22634	21.177	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	31275	19.836	ug/l	96
10) Methyl Iodide	2.723	142	33440	16.207	ug/l	93
11) Tert butyl alcohol	3.176	59	47061	112.360	ug/l	98
12) 1,1-Dichloroethene	2.581	96	31112	20.014	ug/l	94
13) Acrolein	2.485	56	7257	119.564	ug/l	99
14) Allyl chloride	2.925	41	54824	19.751	ug/l	98
15) Acrylonitrile	3.314	53	114538	102.425	ug/l	99
16) Acetone	2.626	43	92440	85.816	ug/l	98
17) Carbon Disulfide	2.794	76	80235	18.427	ug/l	99
18) Methyl Acetate	2.948	43	74690	20.357	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	116155	20.758	ug/l	100
20) Methylene Chloride	3.048	84	38342	20.485	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	33986	21.015	ug/l	95
22) Diisopropyl ether	3.996	45	114583	21.024	ug/l	98
23) Vinyl Acetate	3.958	43	439612	104.875	ug/l	100
24) 1,1-Dichloroethane	3.874	63	67183	20.686	ug/l	99
25) 2-Butanone	4.703	43	151699	101.537	ug/l	99
26) 2,2-Dichloropropane	4.668	77	47215	17.544	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	41086	21.630	ug/l	95
28) Bromochloromethane	4.977	49	29548	19.083	ug/l	96
29) Tetrahydrofuran	5.051	42	97090	106.241	ug/l	99
30) Chloroform	5.093	83	66707	20.768	ug/l	100
31) Cyclohexane	5.392	56	60386	19.558	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	56871	20.762	ug/l	99
36) 1,1-Dichloropropene	5.530	75	48661	19.457	ug/l	98
37) Ethyl Acetate	4.806	43	57252	19.928	ug/l	98
38) Carbon Tetrachloride	5.527	117	48402	19.196	ug/l	99
39) Methylcyclohexane	6.764	83	56183	18.311	ug/l	98
40) Benzene	5.777	78	145478	19.647	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	32123	21.158	ug/l	99
42) 1,2-Dichloroethane	5.797	62	54195	20.263	ug/l	99
43) Isopropyl Acetate	5.912	43	87426	19.895	ug/l	98
44) Trichloroethene	6.546	130	35844	20.223	ug/l	97
45) 1,2-Dichloropropane	6.793	63	39151	19.983	ug/l	97
46) Dibromomethane	6.919	93	27524	20.275	ug/l	97
47) Bromodichloromethane	7.109	83	51169	19.865	ug/l	92
48) Methyl methacrylate	6.961	41	39423	19.492	ug/l	96
49) 1,4-Dioxane	6.964	88	21745	418.067	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	293967	101.413	ug/l	99
52) Toluene	7.970	92	92760	20.462	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	56549	19.102	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	60756	19.322	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	38127	20.293	ug/l	99
56) Ethyl methacrylate	8.334	69	59491	19.222	ug/l	98
57) 1,3-Dichloropropane	8.578	76	67500	19.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	127894	73.940	ug/l	98
59) 2-Hexanone	8.684	43	224388	93.816	ug/l	99
60) Dibromochloromethane	8.813	129	39129	20.001	ug/l	100
61) 1,2-Dibromoethane	8.925	107	40293	19.996	ug/l	99
64) Tetrachloroethene	8.555	164	29511	20.949	ug/l	97
65) Chlorobenzene	9.449	112	97452	20.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	34933	20.316	ug/l	97
67) Ethyl Benzene	9.571	91	174418	20.202	ug/l	100
68) m/p-Xylenes	9.697	106	134649	41.353	ug/l	100
69) o-Xylene	10.102	106	65192	20.594	ug/l	99
70) Styrene	10.115	104	110478	20.629	ug/l	99
71) Bromoform	10.292	173	28837	19.712	ug/l #	99
73) Isopropylbenzene	10.485	105	173521	21.383	ug/l	99
74) N-amyl acetate	10.321	43	73574	20.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	65280	20.304	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	63031m	16.736	ug/l	
77) Bromobenzene	10.784	156	41113	20.867	ug/l	97
78) n-propylbenzene	10.909	91	208468	20.641	ug/l	99
79) 2-Chlorotoluene	10.989	91	125093	20.964	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	149176	21.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	18536	18.150	ug/l	99
82) 4-Chlorotoluene	11.099	91	144663	20.673	ug/l	98
83) tert-Butylbenzene	11.423	119	141253	20.900	ug/l	97
84) 1,2,4-Trimethylbenzene	11.468	105	148378	21.057	ug/l	100
85) sec-Butylbenzene	11.645	105	184511	20.585	ug/l	99
86) p-Isopropyltoluene	11.796	119	151435	20.218	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	79315	19.952	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	81047	20.158	ug/l	99
89) n-Butylbenzene	12.211	91	136103	18.863	ug/l	99
90) Hexachloroethane	12.478	117	26096	19.313	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	77789	20.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	15090	19.891	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	50678	18.951	ug/l	96
94) Hexachlorobutadiene	14.025	225	19457	16.856	ug/l	98
95) Naphthalene	14.089	128	191001	19.637	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	53366	20.092	ug/l	100

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ClientSampleId :
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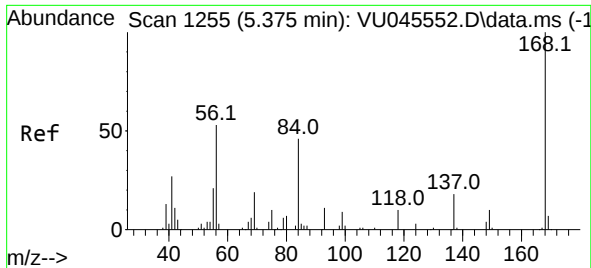
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

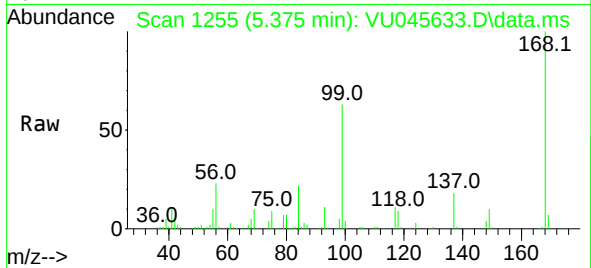
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045633.D
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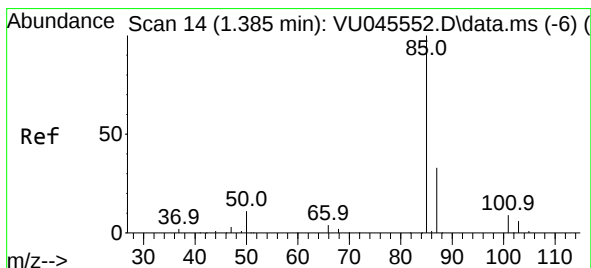
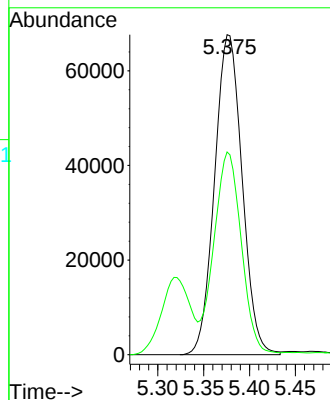
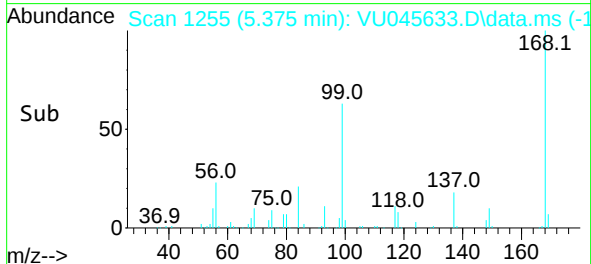
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion:168 Resp: 14129
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6

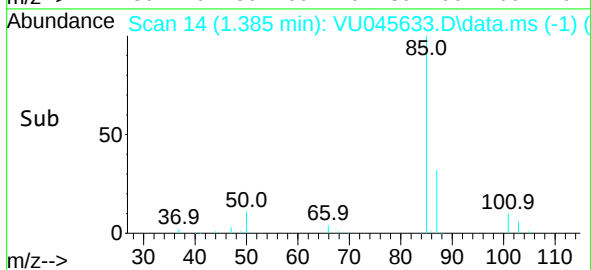
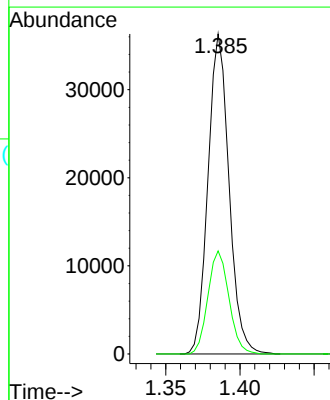
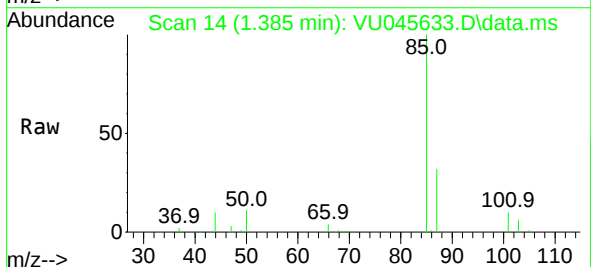
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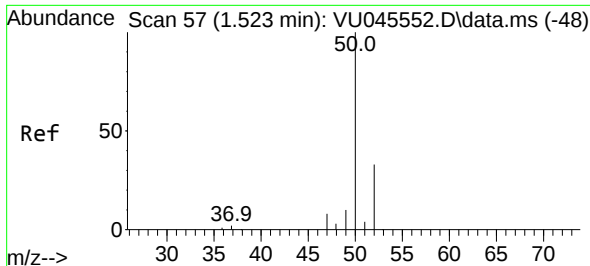
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#2
Dichlorodifluoromethane
Concen: 19.455 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion: 85 Resp: 35642
Ion Ratio Lower Upper
85 100
87 32.2 15.9 47.7





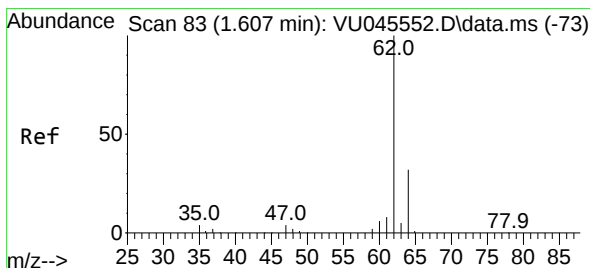
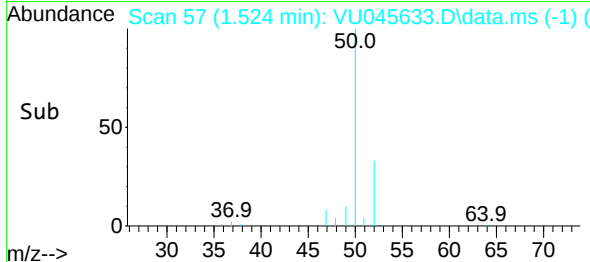
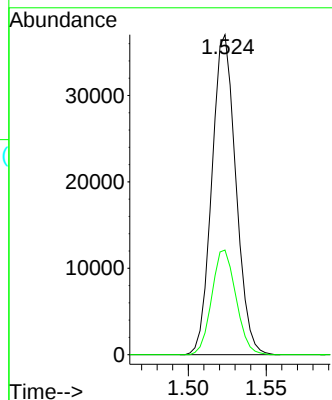
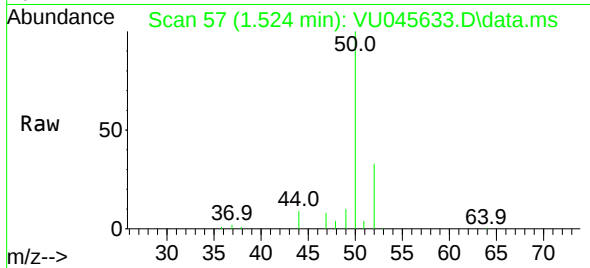
#3
Chloromethane
Concen: 18.886 ug/l
RT: 1.524 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 3958
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

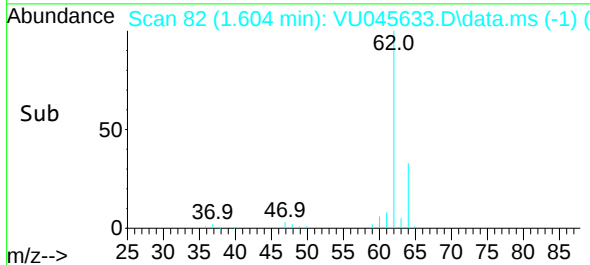
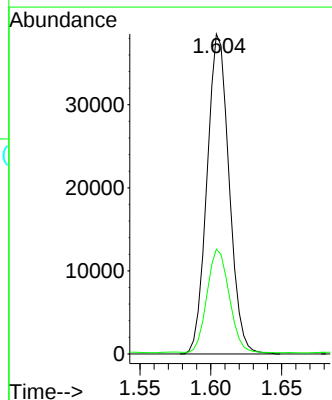
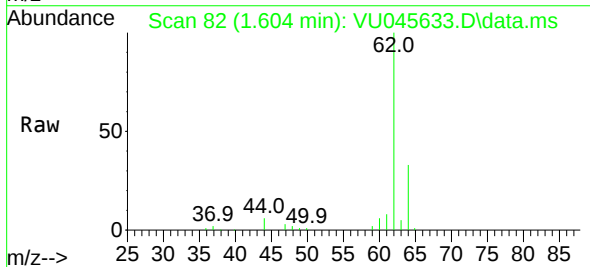
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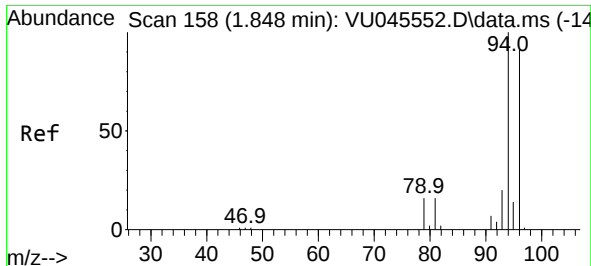
Reviewed By :John Carlone 11/09/2021
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#4
Vinyl Chloride
Concen: 20.451 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion: 62 Resp: 41758
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





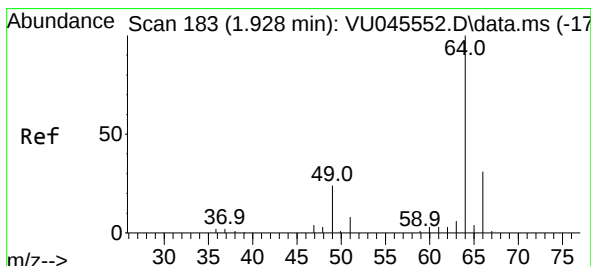
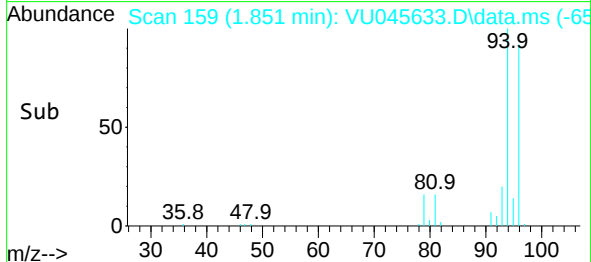
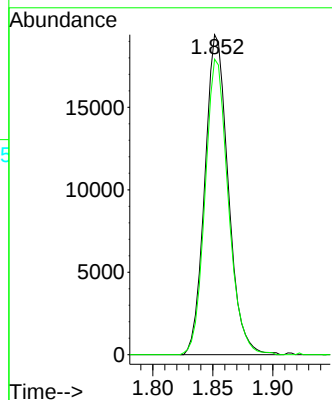
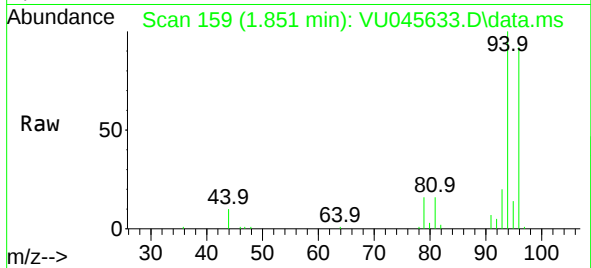
#5
Bromomethane
Concen: 23.158 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
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Tgt Ion: 94 Resp: 26374
Ion Ratio Lower Upper
94 100
96 92.3 75.4 113.2

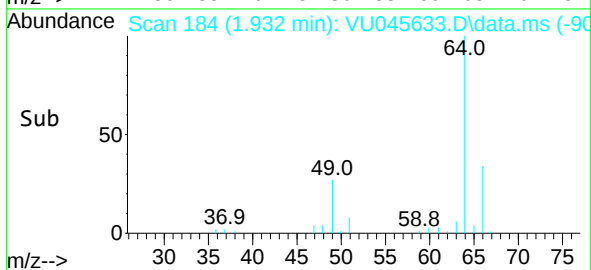
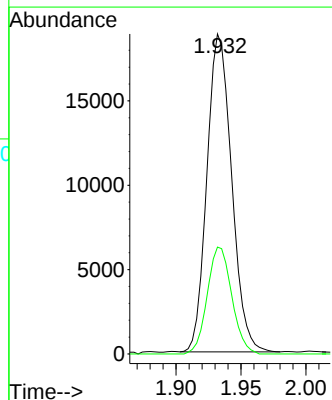
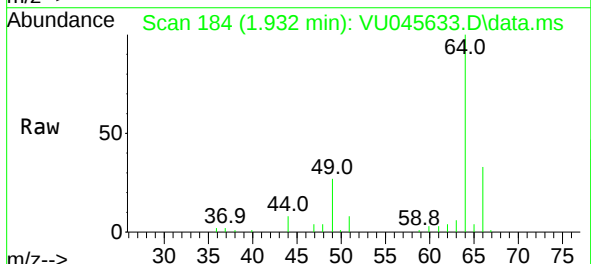
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#6
Chloroethane
Concen: 18.705 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion: 64 Resp: 24925
Ion Ratio Lower Upper
64 100
66 33.6 26.7 40.1





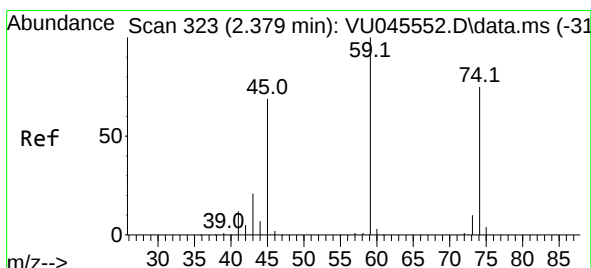
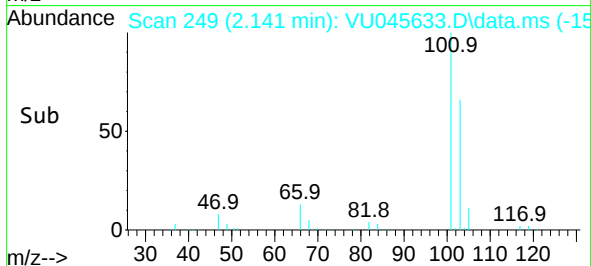
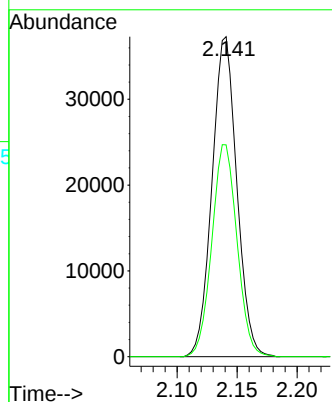
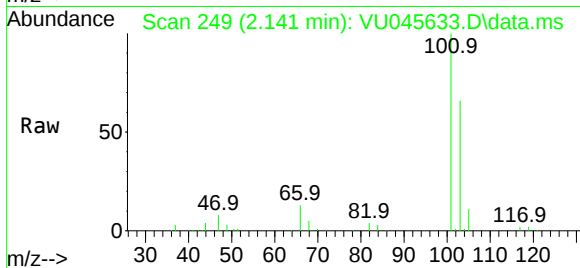
#7
Trichlorofluoromethane
Concen: 19.868 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion:101 Resp: 5364
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0

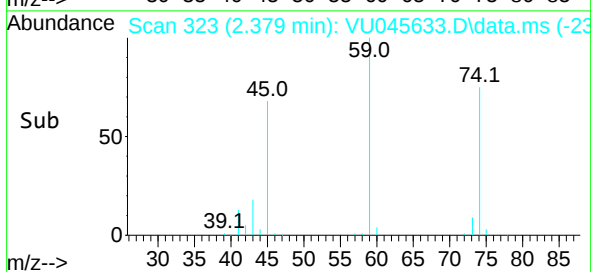
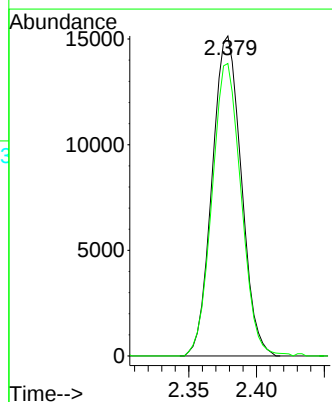
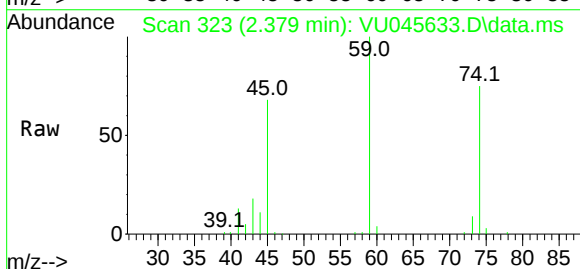
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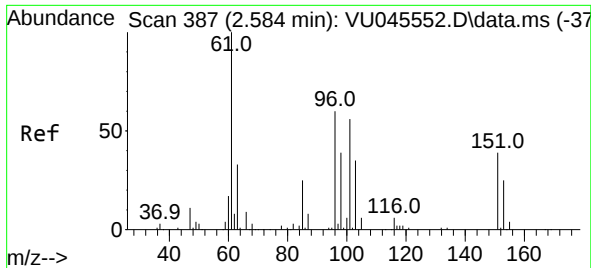
Reviewed By :John Carlone 11/09/2021
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#8
Diethyl Ether
Concen: 21.177 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 22634
Ion Ratio Lower Upper
74 100
45 91.4 47.3 141.8





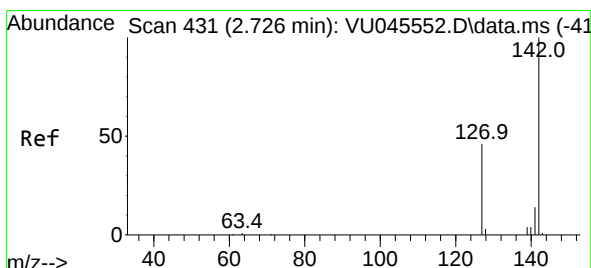
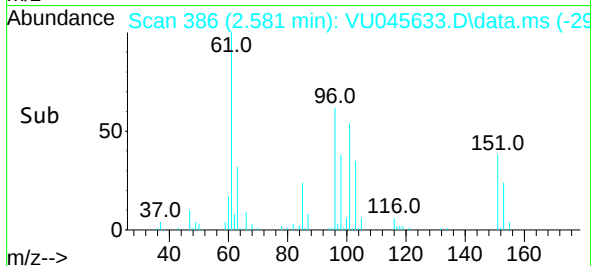
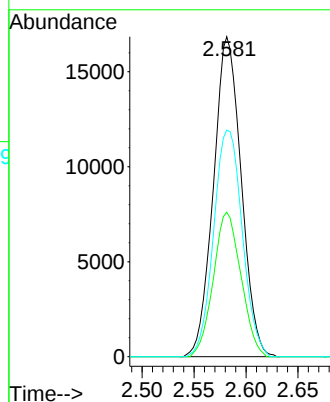
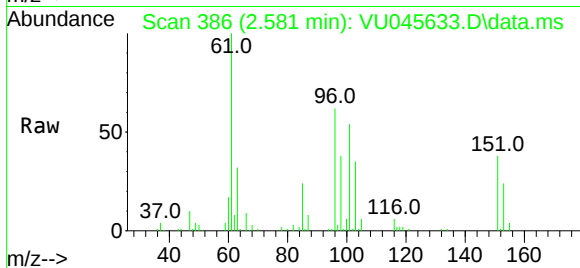
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.836 ug/l
RT: 2.581 min Scan# 3127
Delta R.T. -0.003 min
Lab File: VU045633.D
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Tgt Ion:101 Resp: 3127
Ion Ratio Lower Upper
101 100
85 44.9 35.0 52.4
151 73.1 54.6 82.0

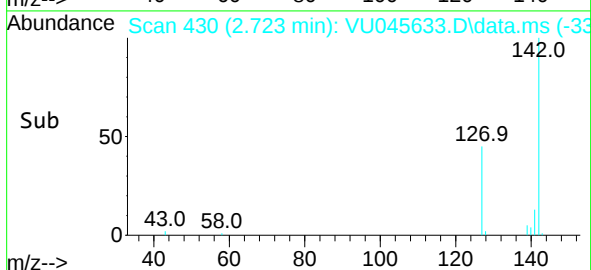
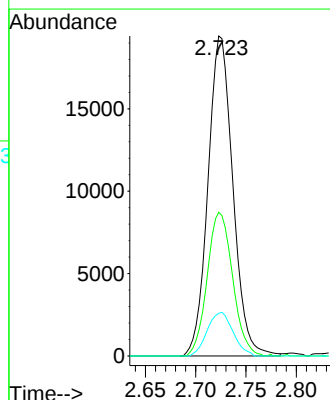
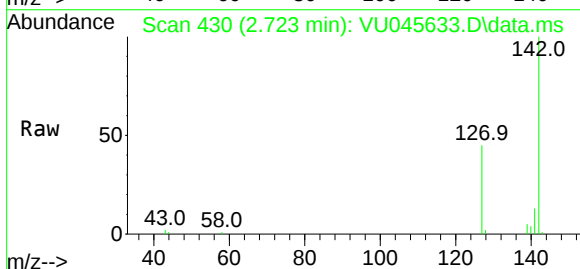
Manual Integrations
APPROVED

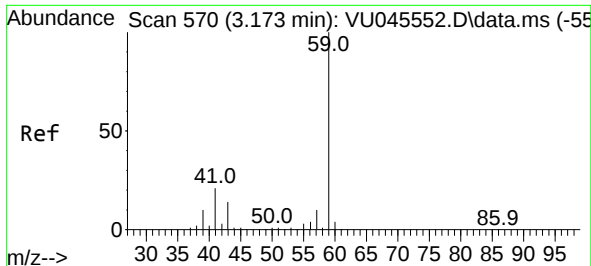
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 16.207 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion:142 Resp: 33440
Ion Ratio Lower Upper
142 100
127 45.7 32.2 48.2
141 14.1 11.3 16.9





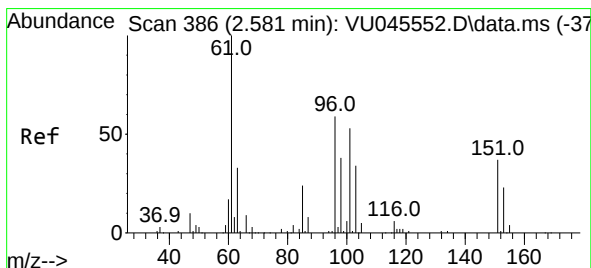
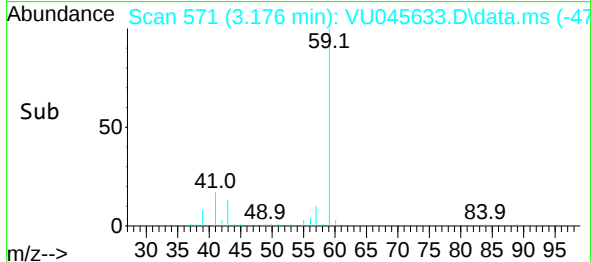
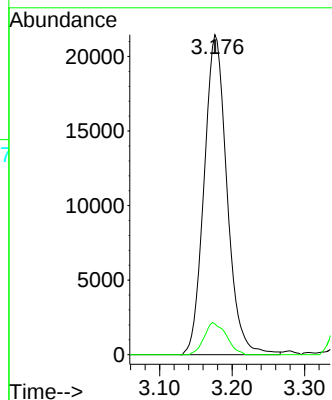
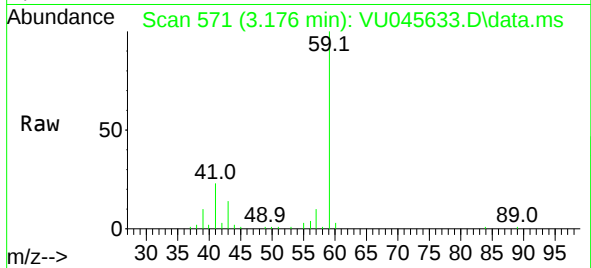
#11
Tert butyl alcohol
Concen: 112.360 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion: 59 Resp: 4706
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

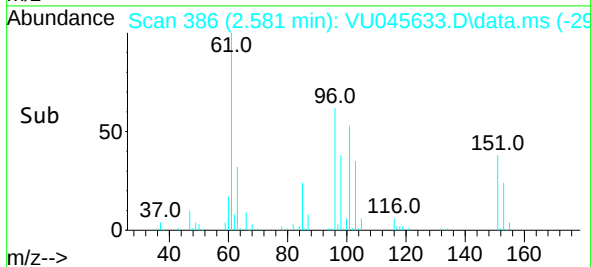
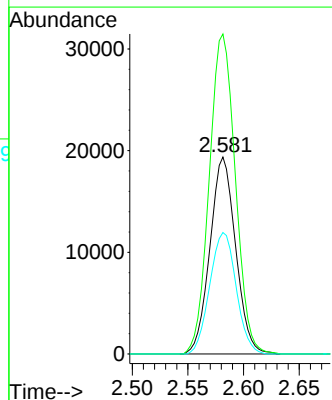
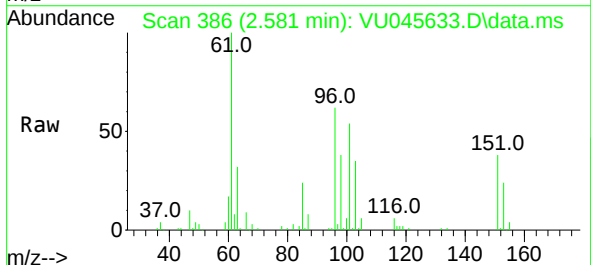
Manual Integrations
APPROVED

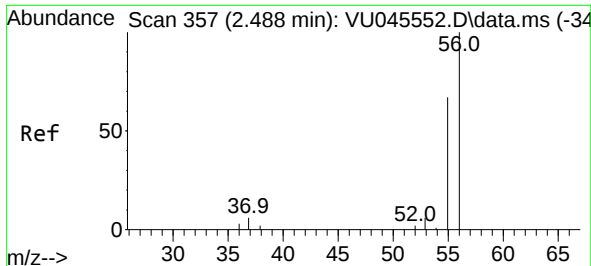
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#12
1,1-Dichloroethene
Concen: 20.014 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

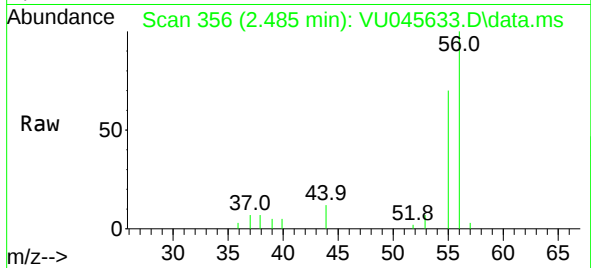
Tgt Ion: 96 Resp: 31112
Ion Ratio Lower Upper
96 100
61 162.5 137.1 205.7
98 61.7 51.5 77.3





#13
Acrolein
Concen: 119.564 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

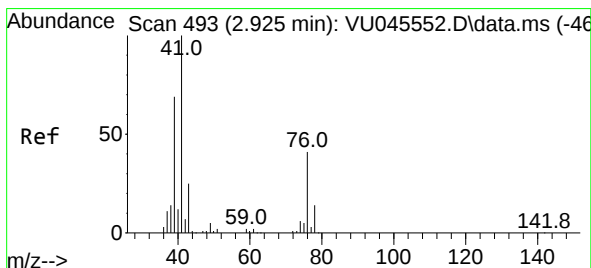
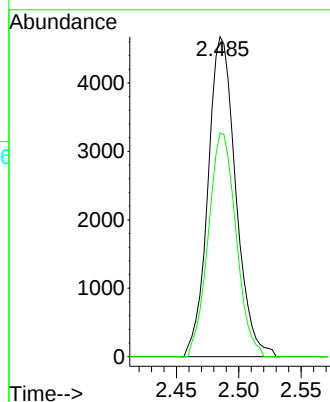
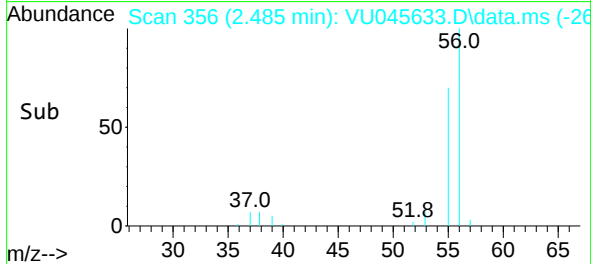
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion: 56 Resp: 725
Ion Ratio Lower Upper
56 100
55 69.6 56.3 84.5

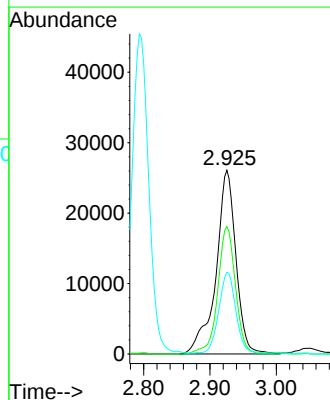
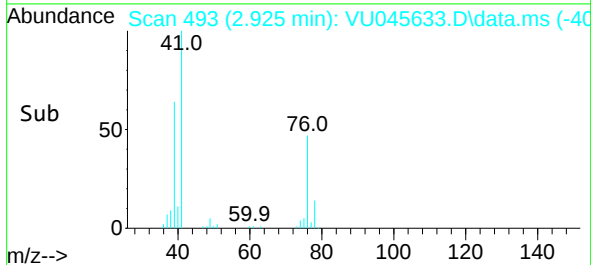
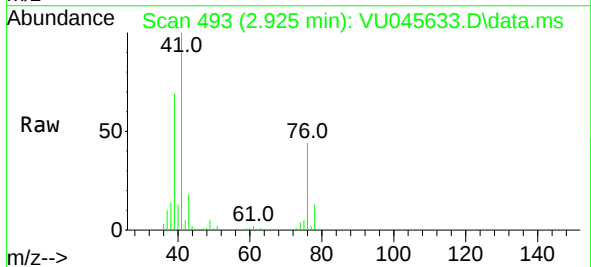
Manual Integrations
APPROVED

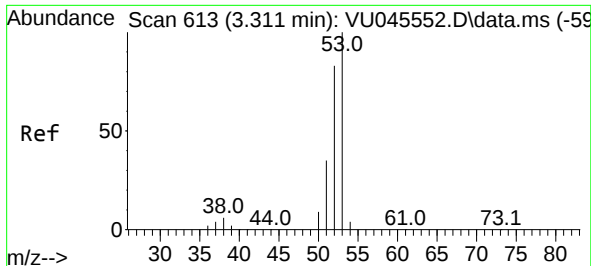
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#14
Allyl chloride
Concen: 19.751 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

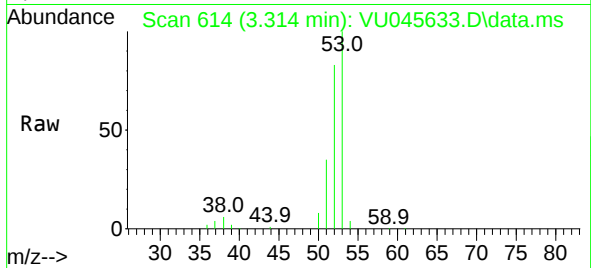
Tgt Ion: 41 Resp: 54824
Ion Ratio Lower Upper
41 100
39 61.1 49.7 74.5
76 37.1 27.7 41.5





#15
Acrylonitrile
Concen: 102.425 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

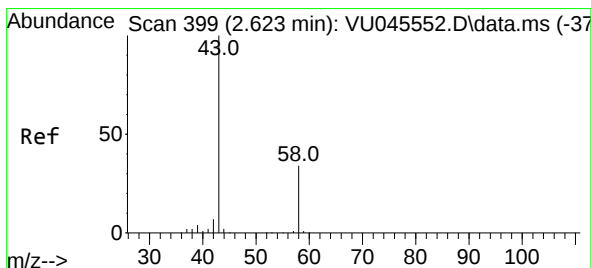
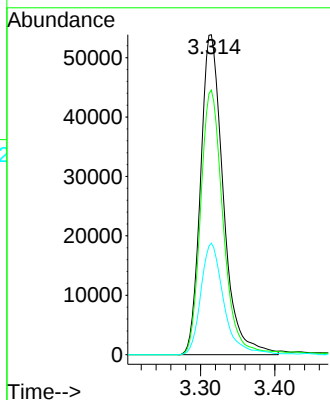
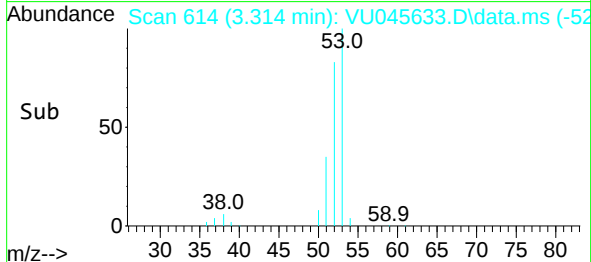
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion: 53 Resp: 114538
Ion Ratio Lower Upper
53 100
52 81.8 66.6 100.0
51 35.3 28.4 42.6

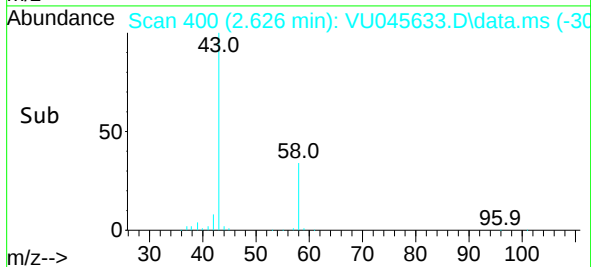
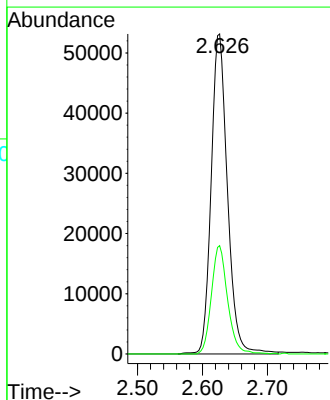
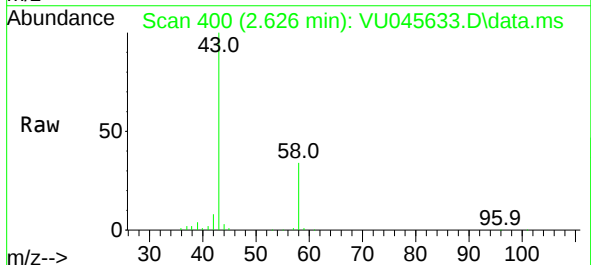
Manual Integrations
APPROVED

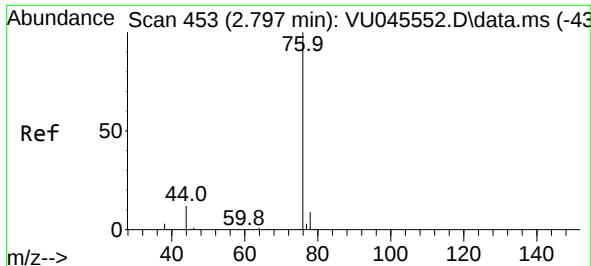
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 85.816 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion: 43 Resp: 92440
Ion Ratio Lower Upper
43 100
58 33.9 26.2 39.2





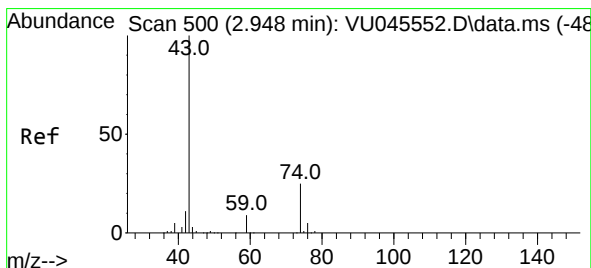
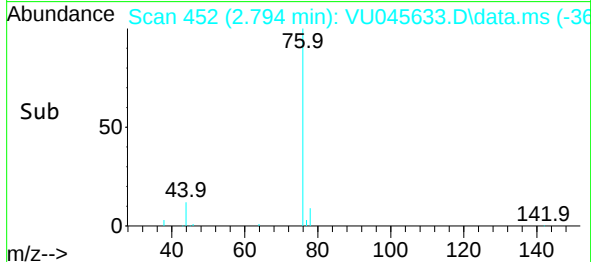
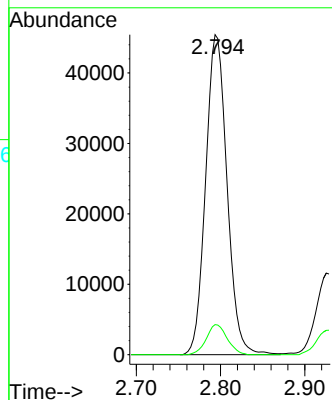
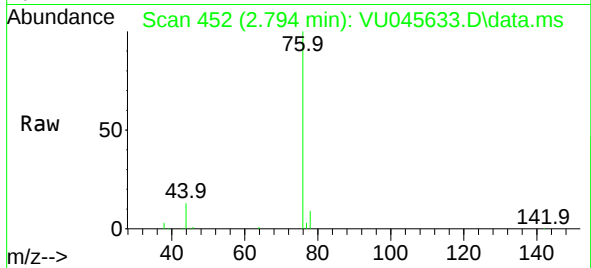
#17
Carbon Disulfide
Concen: 18.427 ug/l
RT: 2.794 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion: 76 Resp: 80235
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

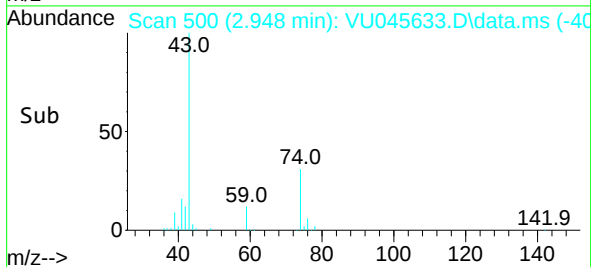
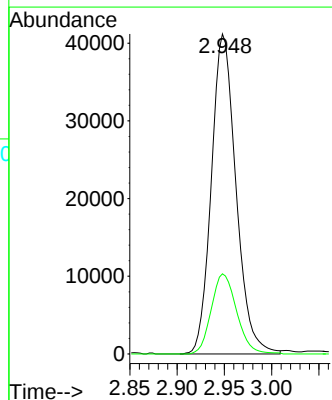
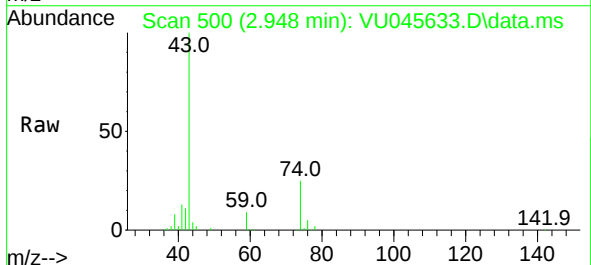
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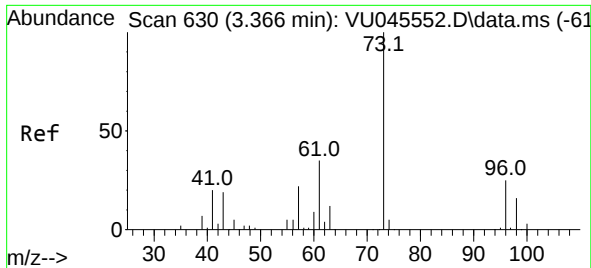
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 20.357 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion: 43 Resp: 74690
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.2





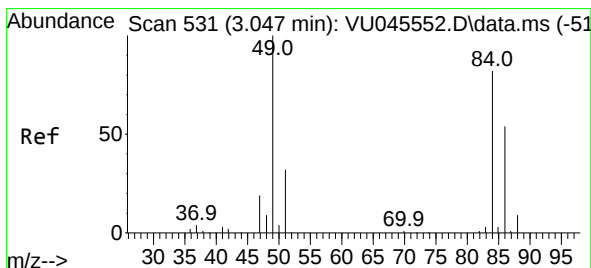
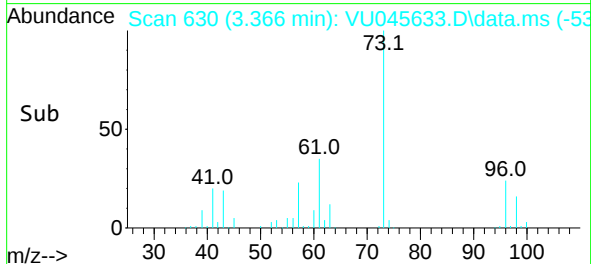
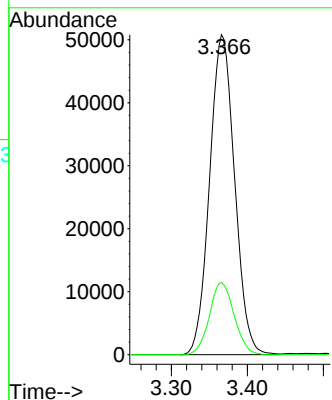
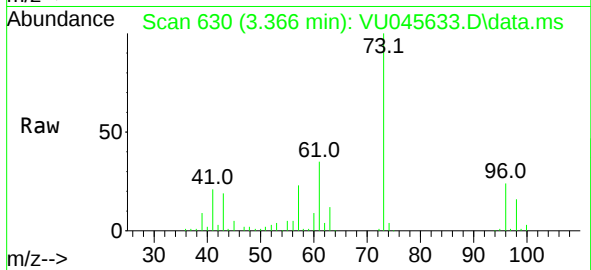
#19
Methyl tert-butyl Ether
Concen: 20.758 ug/l
RT: 3.366 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion: 73 Resp: 11615
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1

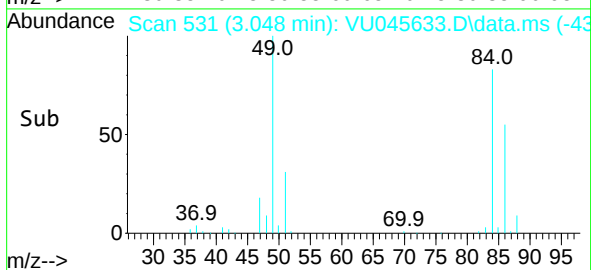
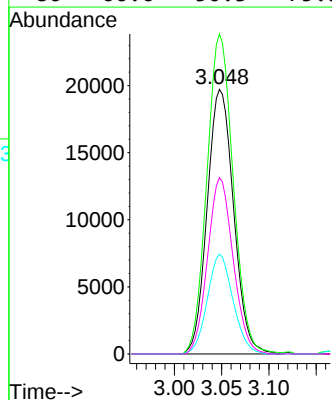
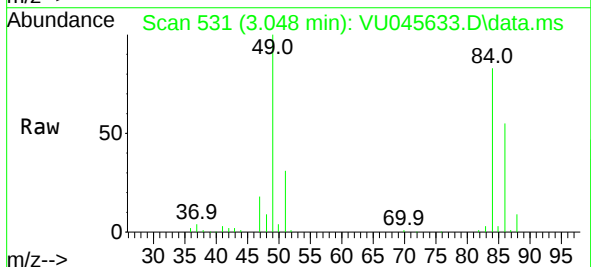
Manual Integrations
APPROVED

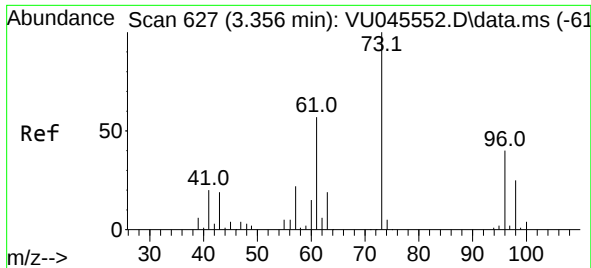
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#20
Methylene Chloride
Concen: 20.485 ug/l
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

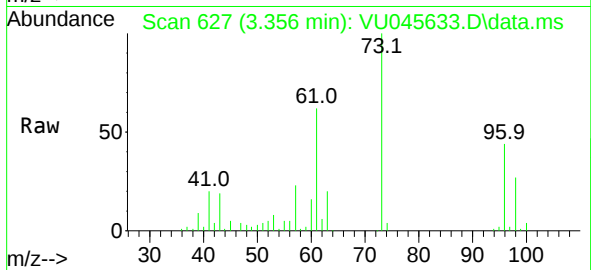
Tgt Ion: 84 Resp: 38342
Ion Ratio Lower Upper
84 100
49 120.9 96.4 144.6
51 37.7 30.5 45.7
86 66.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 21.015 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

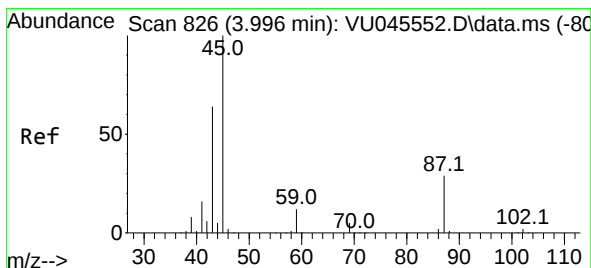
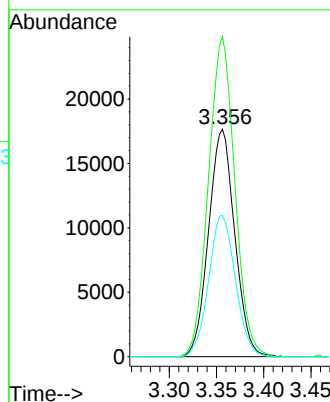
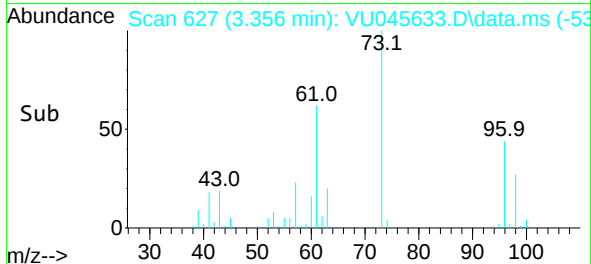
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



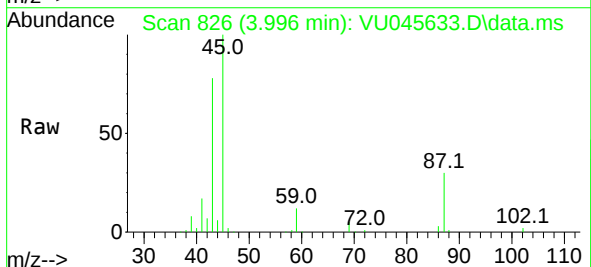
Tgt Ion: 96 Resp: 33980
Ion Ratio Lower Upper
96 100
61 140.7 118.2 177.4
98 62.1 52.1 78.1

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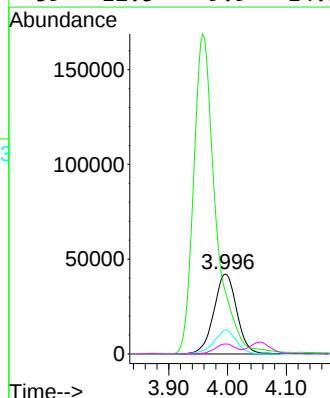
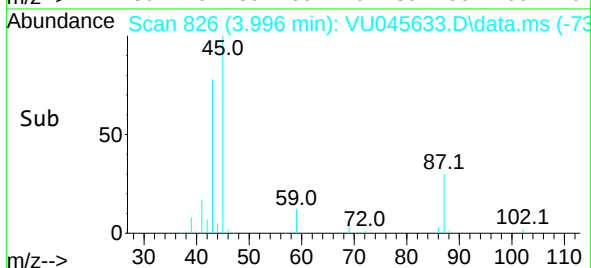
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

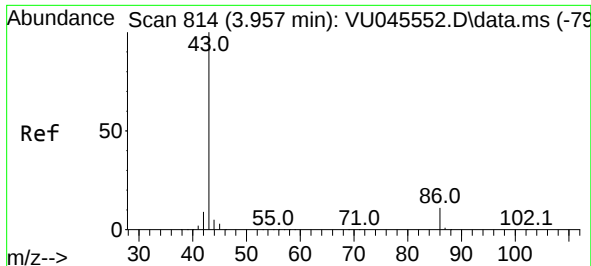


#22
Diisopropyl ether
Concen: 21.024 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50



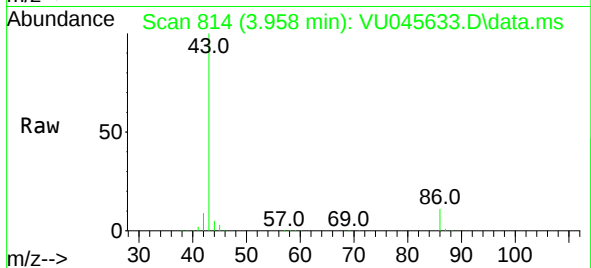
Tgt Ion: 45 Resp: 114583
Ion Ratio Lower Upper
45 100
43 75.6 60.0 90.0
87 30.3 22.3 33.5
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 104.875 ug/l
 RT: 3.958 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045633.D
 Acq: 08 Nov 2021 22:50

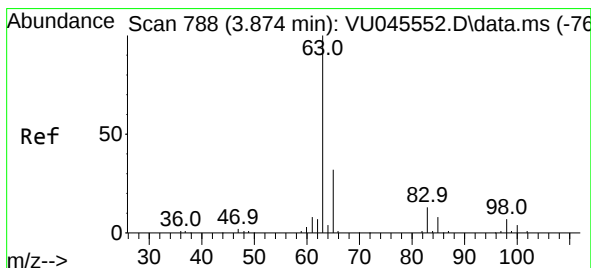
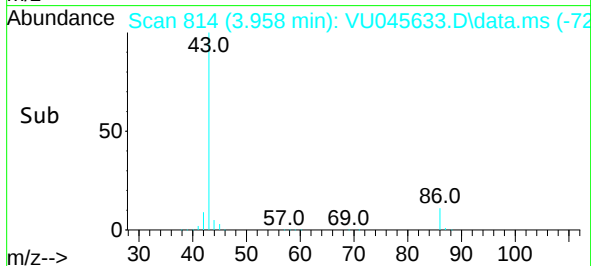
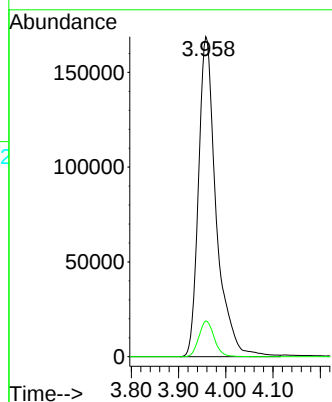
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108WBS02



Tgt Ion: 43 Resp: 439612
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

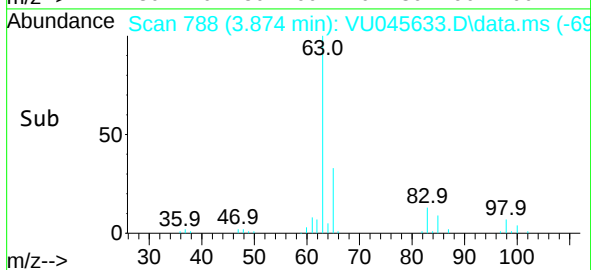
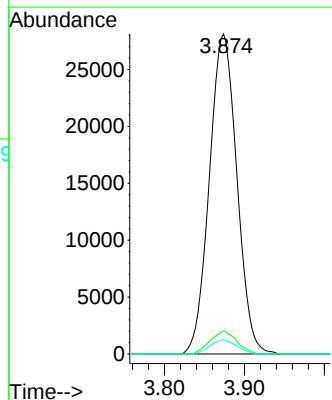
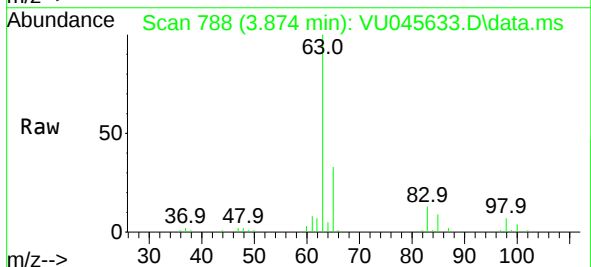
Manual Integrations
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Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#24
 1,1-Dichloroethane
 Concen: 20.686 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045633.D
 Acq: 08 Nov 2021 22:50

Tgt Ion: 63 Resp: 67183
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 101.537 ug/l

RT: 4.703 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion: 43 Resp: 15169

Ion Ratio Lower Upper

43 100

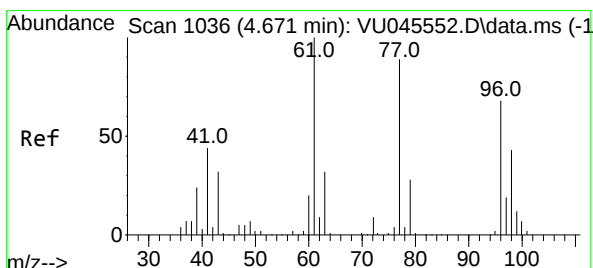
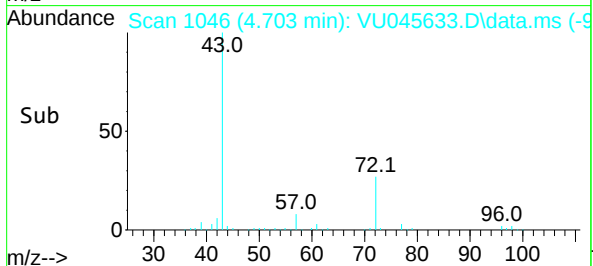
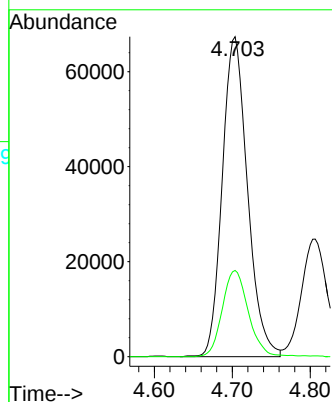
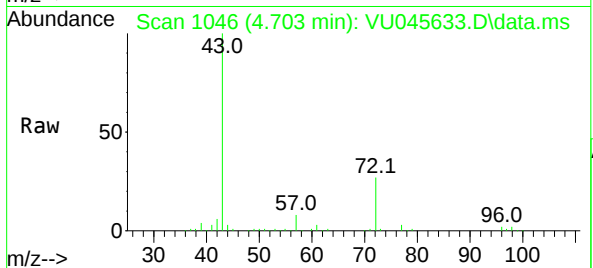
72 26.9 22.0 33.0

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#26

2,2-Dichloropropane

Concen: 17.544 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045633.D

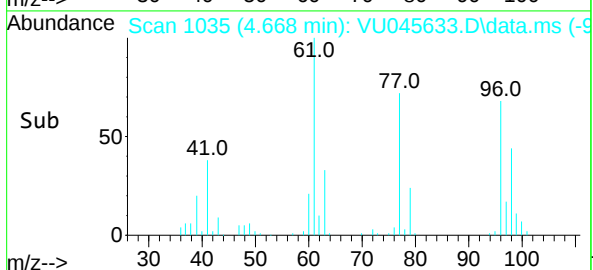
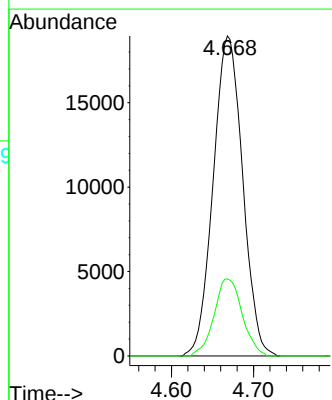
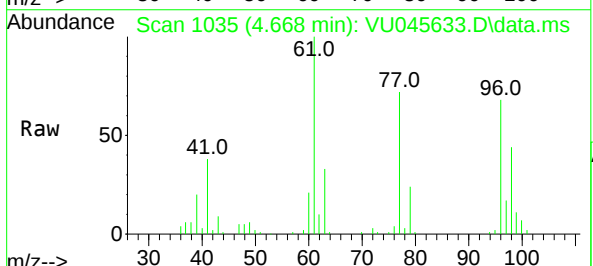
Acq: 08 Nov 2021 22:50

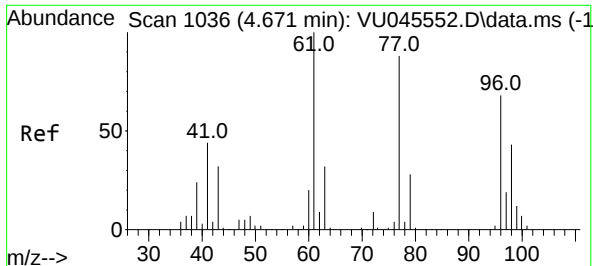
Tgt Ion: 77 Resp: 47215

Ion Ratio Lower Upper

77 100

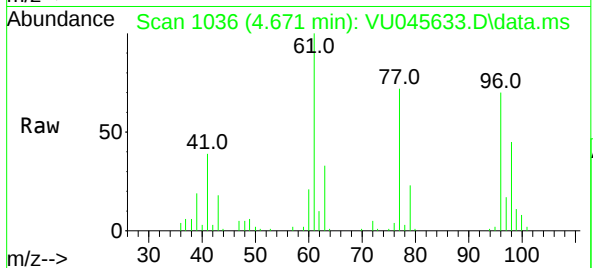
97 23.1 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.630 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045633.D
 Acq: 08 Nov 2021 22:50

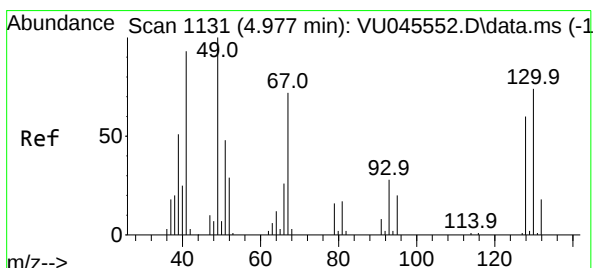
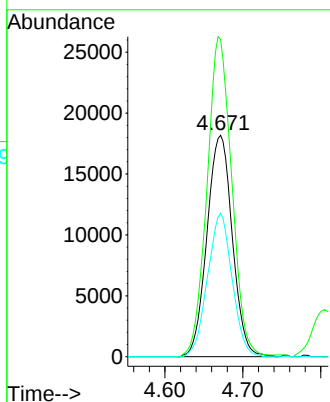
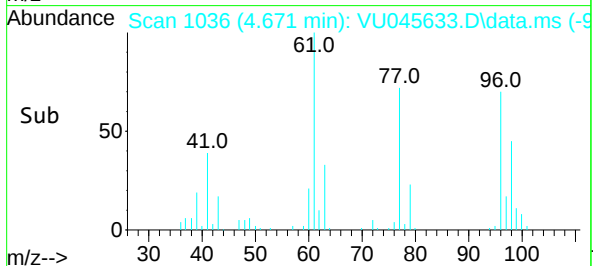
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108WBS02



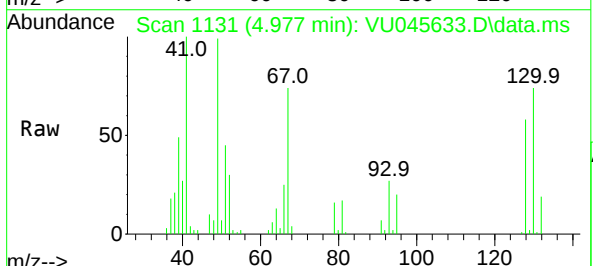
Tgt Ion: 96 Resp: 41080
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 299.2
 98 62.7 0.0 127.6

Manual Integrations
 APPROVED

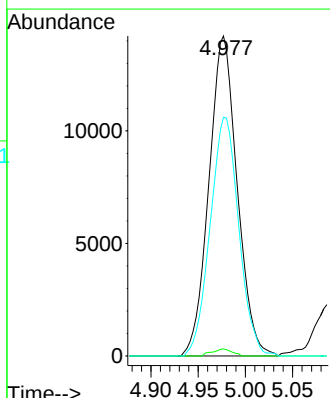
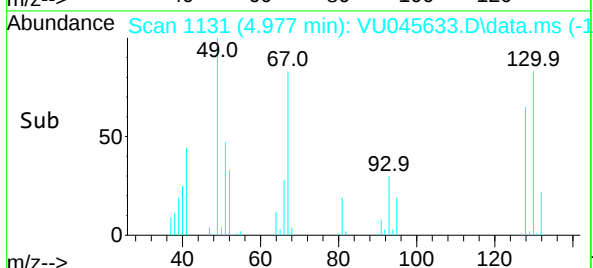
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

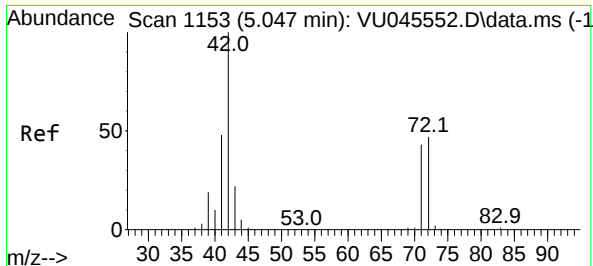


#28
 Bromochloromethane
 Concen: 19.083 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045633.D
 Acq: 08 Nov 2021 22:50



Tgt Ion: 49 Resp: 29548
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 75.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 106.241 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

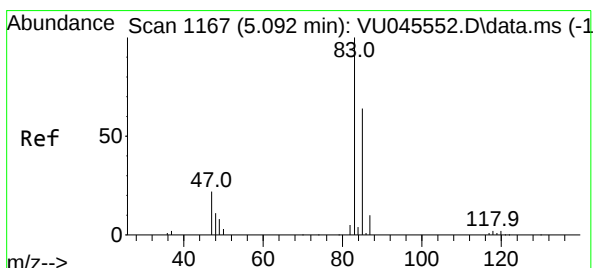
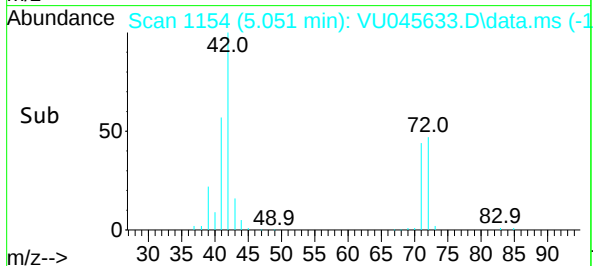
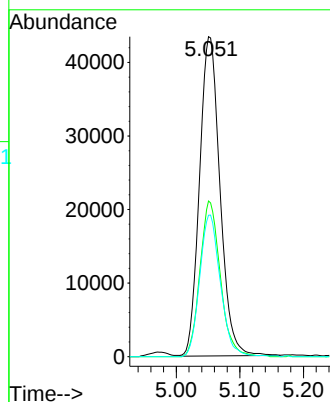
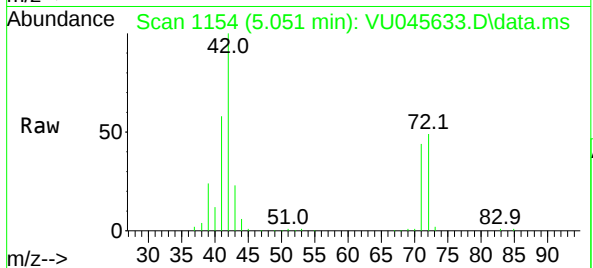
Tgt Ion:	42	Resp:	97090
Ion Ratio	Lower	Upper	
42	100		
72	48.3	38.2	57.4
71	44.8	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#30

Chloroform

Concen: 20.768 ug/l

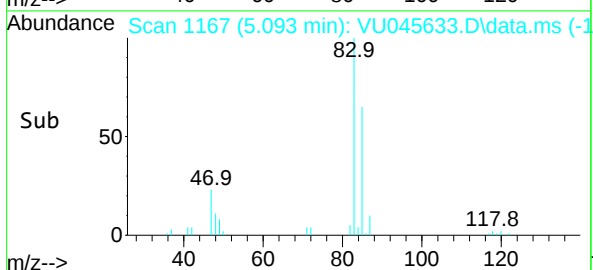
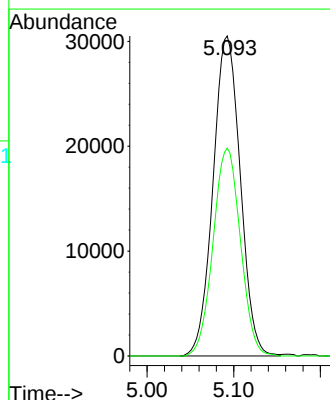
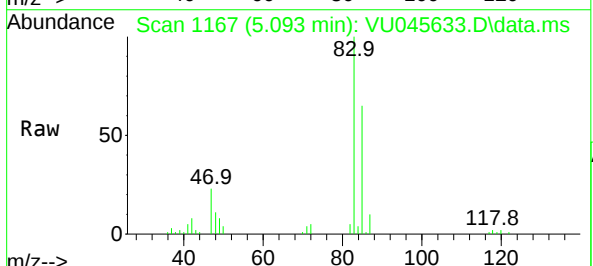
RT: 5.093 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Tgt Ion:	83	Resp:	66707
Ion Ratio	Lower	Upper	
83	100		
85	65.0	52.0	78.0





#31

Cyclohexane

Concen: 19.558 ug/l

RT: 5.392 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion: 56 Resp: 60380

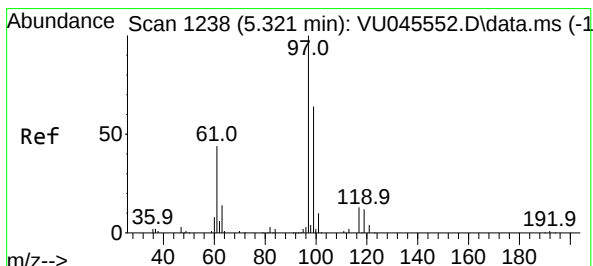
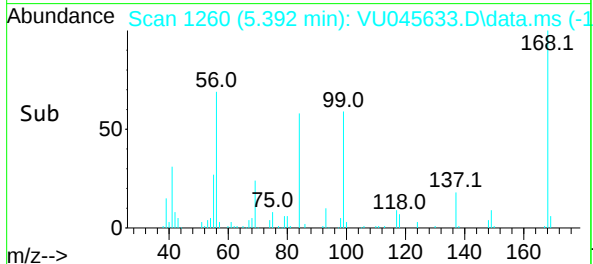
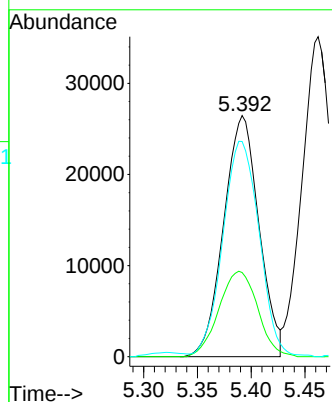
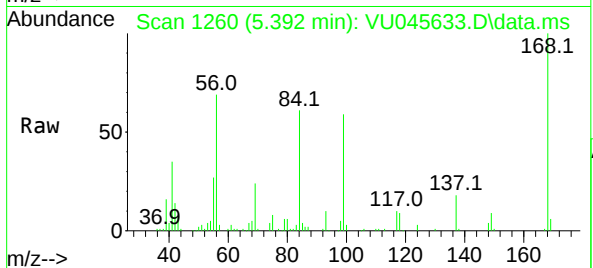
Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.4	39.6
84	87.9	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#32

1,1,1-Trichloroethane

Concen: 20.762 ug/l

RT: 5.321 min Scan# 1238

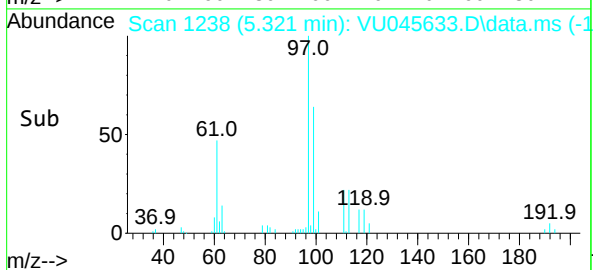
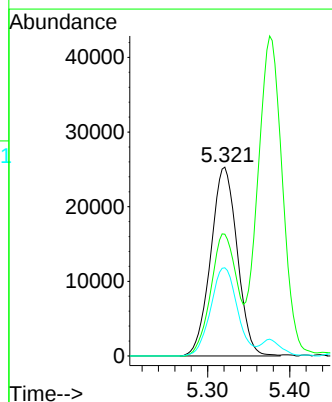
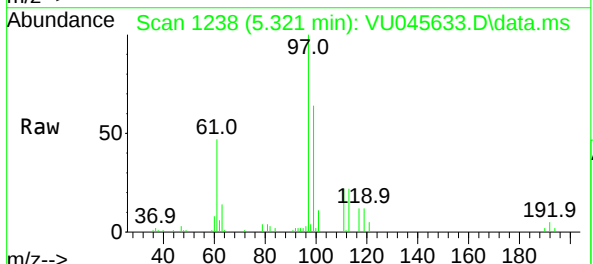
Delta R.T. 0.000 min

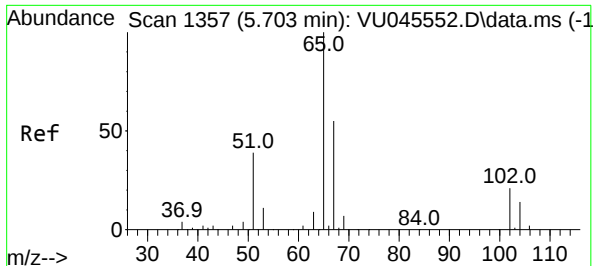
Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Tgt Ion: 97 Resp: 56871

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.8	76.2
61	47.2	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 52.311 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion: 65 Resp: 11069

Ion Ratio Lower Upper

65 100

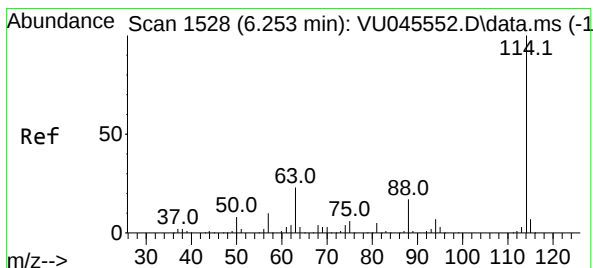
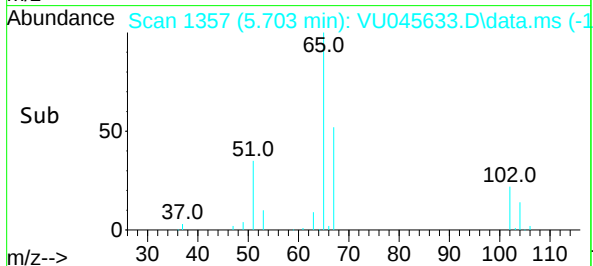
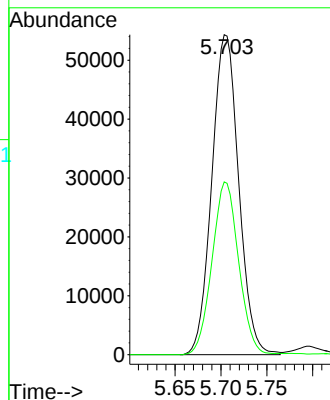
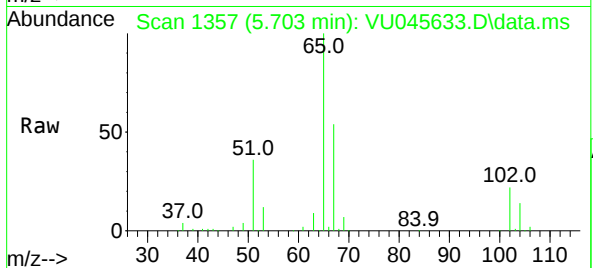
67 53.4 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

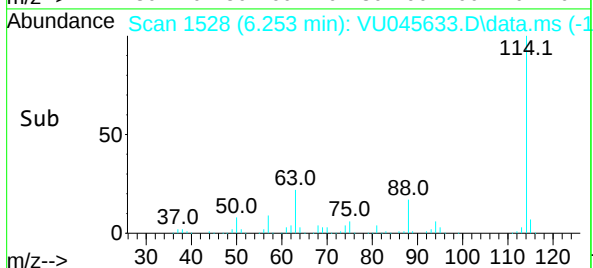
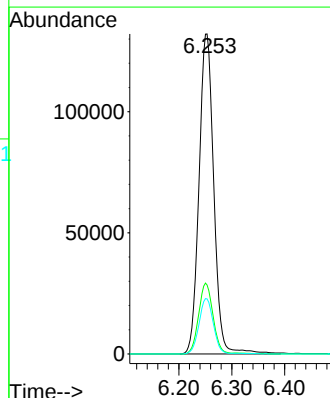
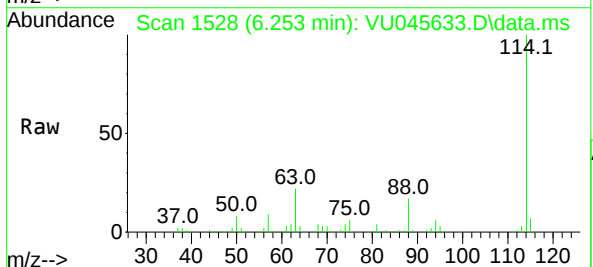
Tgt Ion:114 Resp: 256494

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.265 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

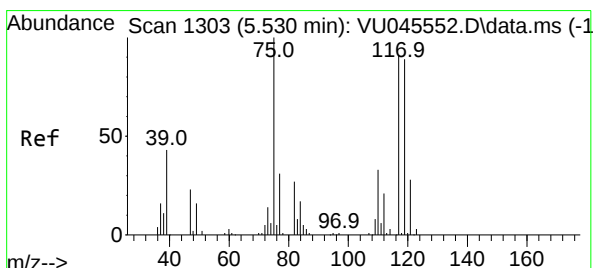
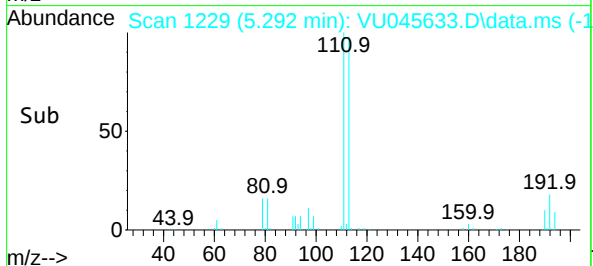
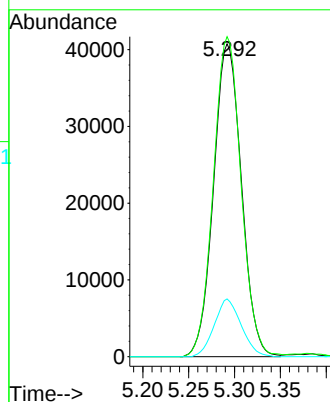
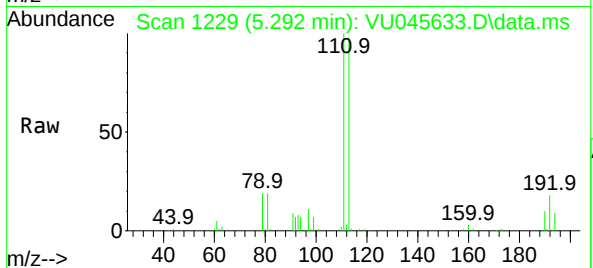
Tgt Ion:	113	Resp:	86078
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.8	124.2
192	17.8	14.8	22.2

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#36

1,1-Dichloropropene

Concen: 19.457 ug/l

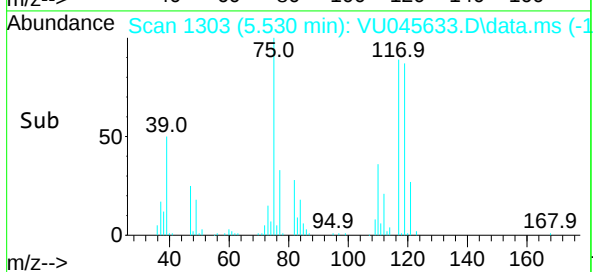
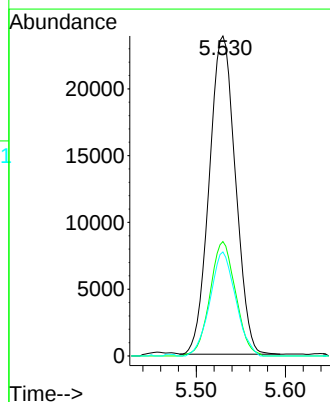
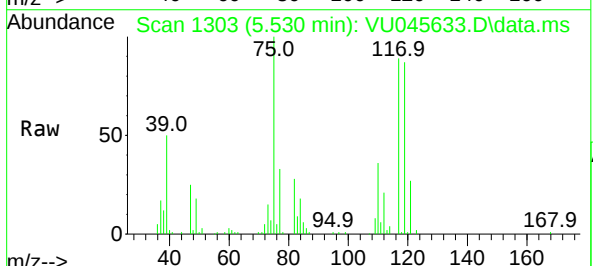
RT: 5.530 min Scan# 1303

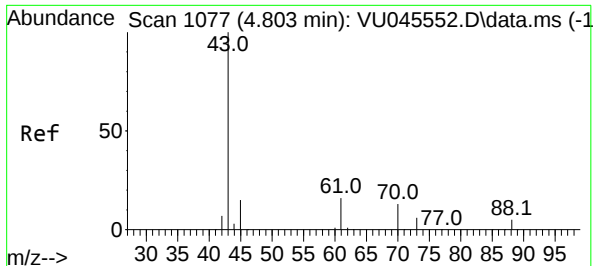
Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Tgt Ion:	75	Resp:	48661
Ion Ratio	Lower	Upper	
75	100		
110	35.0	16.7	50.0
77	32.1	25.0	37.4





#37

Ethyl Acetate

Concen: 19.928 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

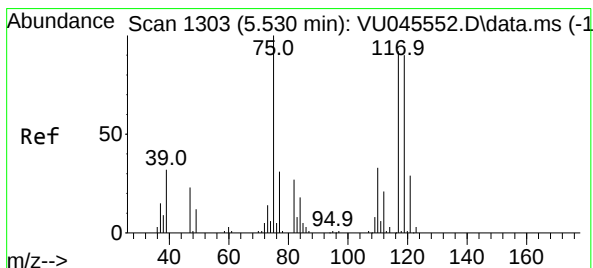
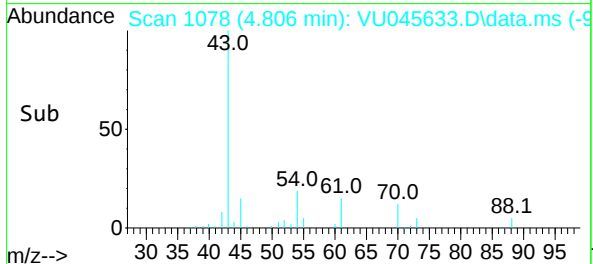
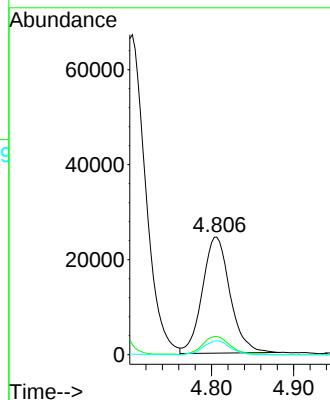
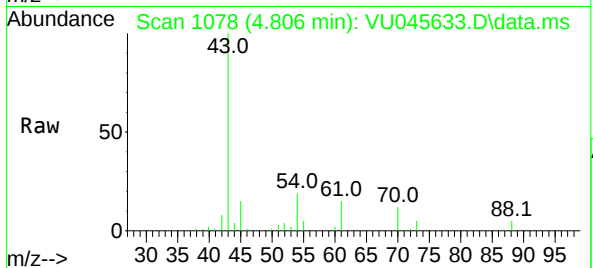
Tgt Ion: 43	Resp: 5725
Ion Ratio	Lower Upper
43 100	
61 15.7	11.6 17.4
70 11.3	9.1 13.7

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#38

Carbon Tetrachloride

Concen: 19.196 ug/l

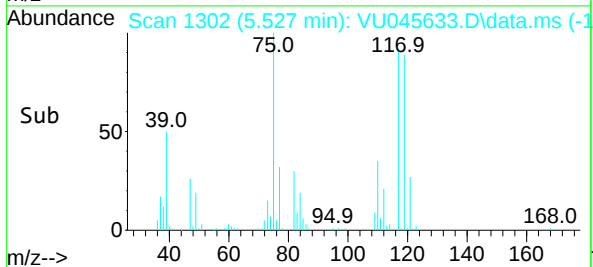
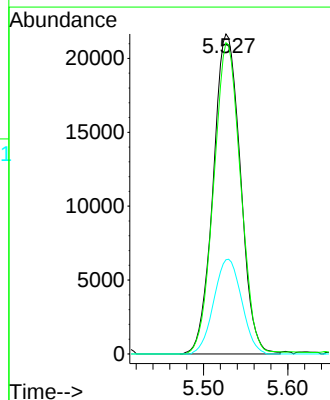
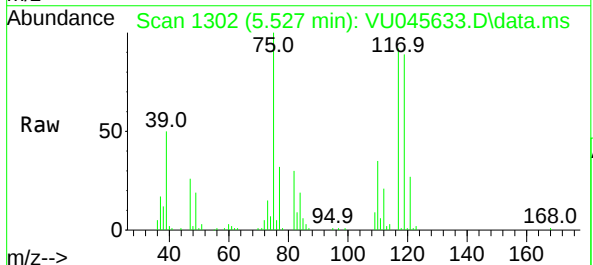
RT: 5.527 min Scan# 1302

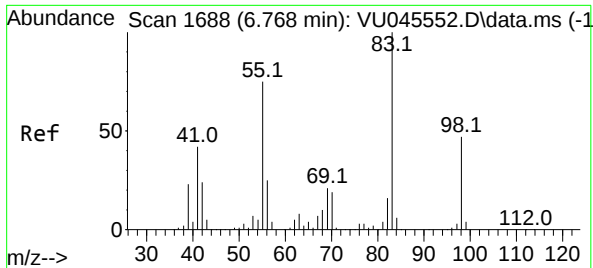
Delta R.T. -0.003 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Tgt Ion: 117	Resp: 48402
Ion Ratio	Lower Upper
117 100	
119 97.3	77.4 116.0
121 29.4	24.8 37.2





#39

Methylcyclohexane

Concen: 18.311 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

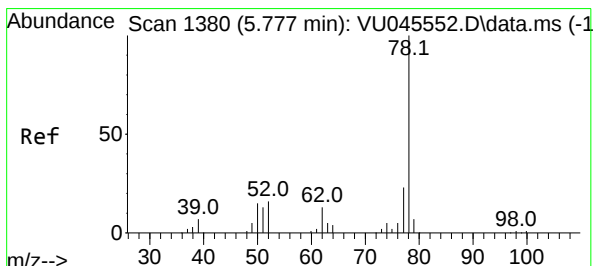
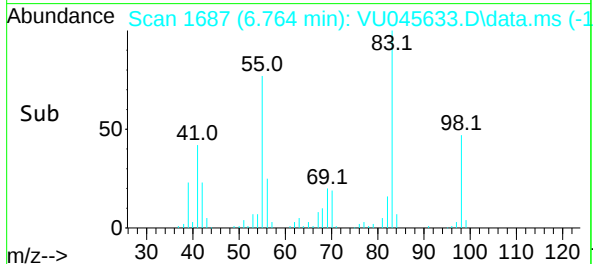
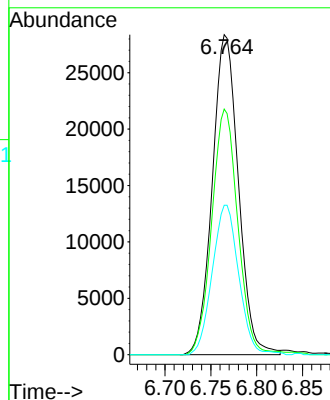
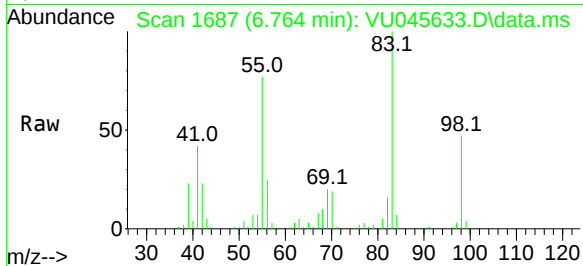
Tgt Ion: 83	Resp: 5618
Ion Ratio	Lower Upper
83	100
55	76.7 63.6 95.4
98	46.7 37.1 55.7

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#40

Benzene

Concen: 19.647 ug/l

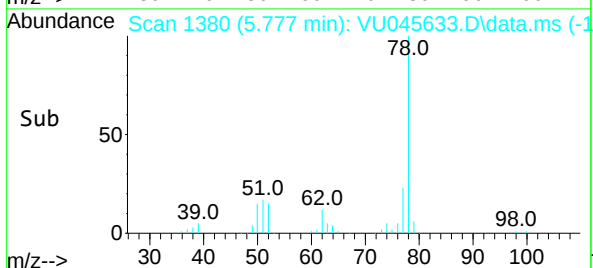
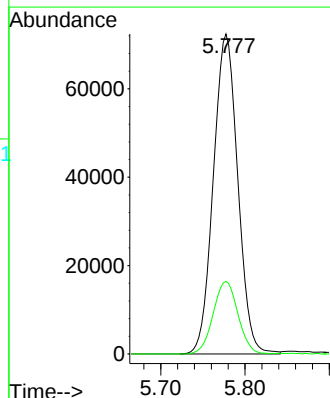
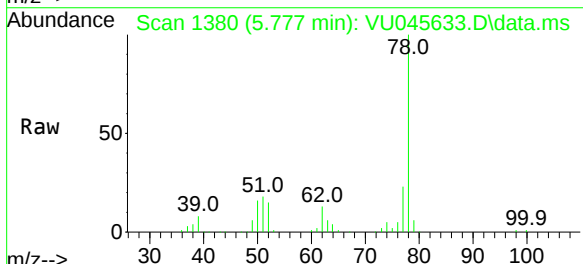
RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

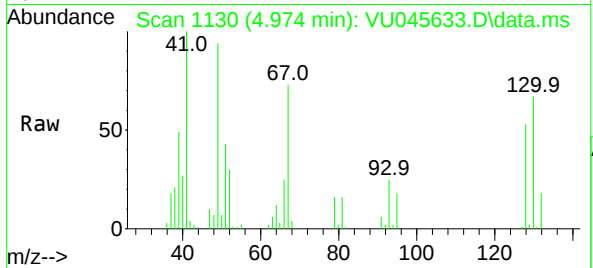
Tgt Ion: 78	Resp: 145478
Ion Ratio	Lower Upper
78	100
77	22.7 19.0 28.4





#41
Methacrylonitrile
Concen: 21.158 ug/l
RT: 4.974 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

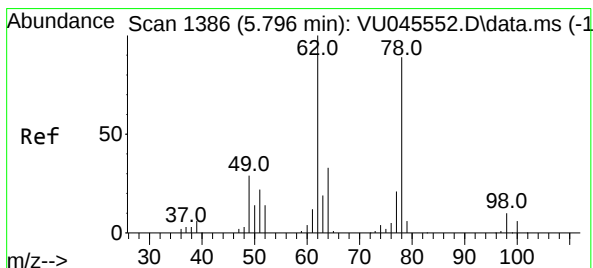
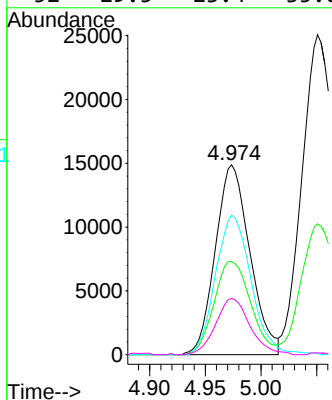
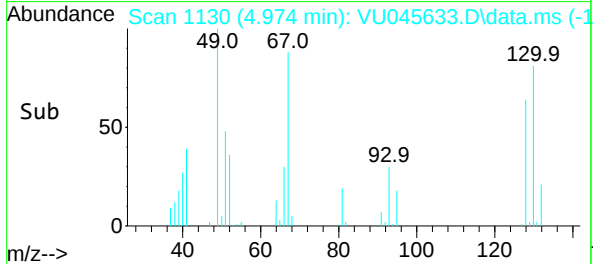
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion: 41 Resp: 3212
Ion Ratio Lower Upper
41 100
39 51.9 43.4 65.0
67 75.7 61.0 91.4
52 29.5 23.4 35.0

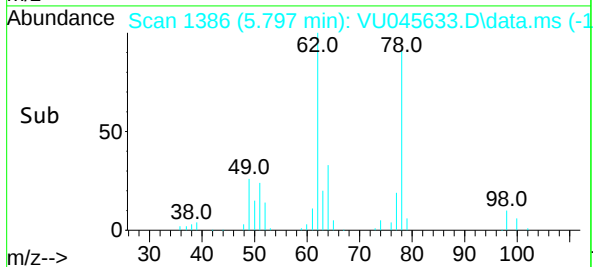
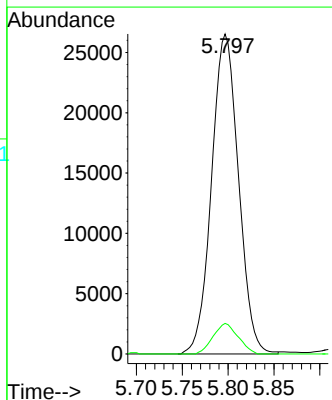
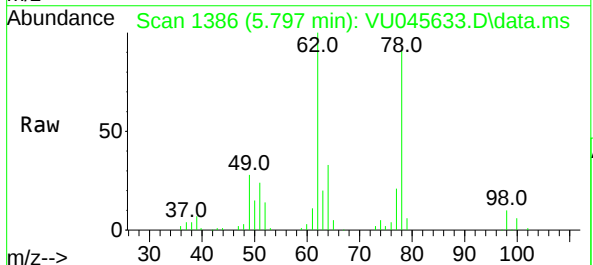
Manual Integrations
APPROVED

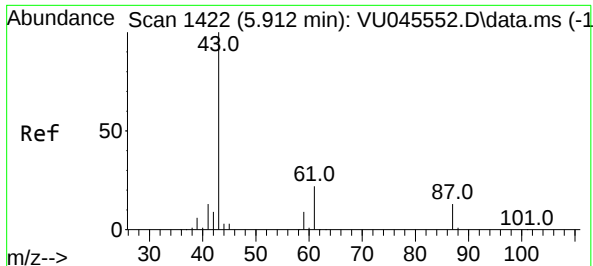
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#42
1,2-Dichloroethane
Concen: 20.263 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

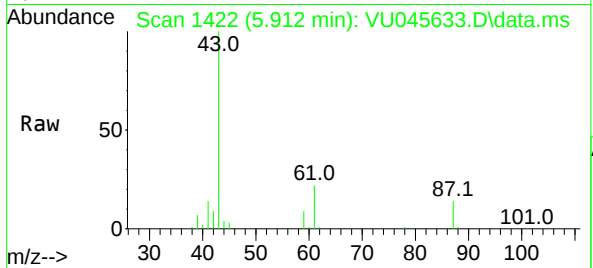
Tgt Ion: 62 Resp: 54195
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.4





#43
Isopropyl Acetate
Concen: 19.895 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

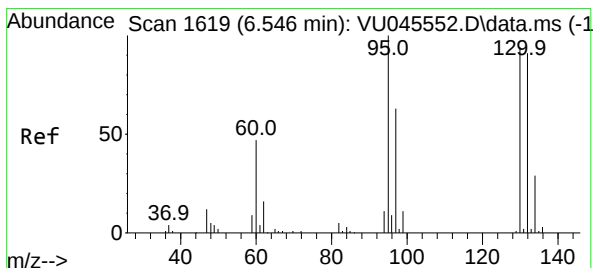
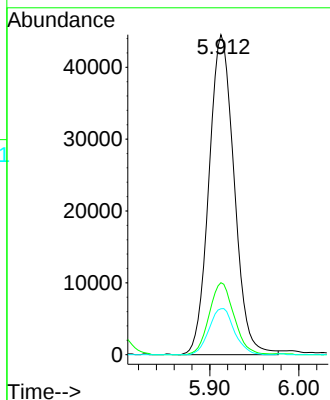
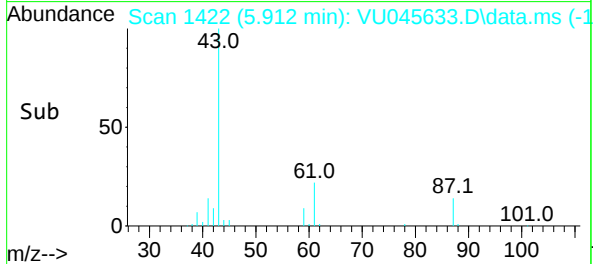
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion: 43 Resp: 87420
Ion Ratio Lower Upper
43 100
61 22.3 16.9 25.3
87 14.3 11.0 16.4

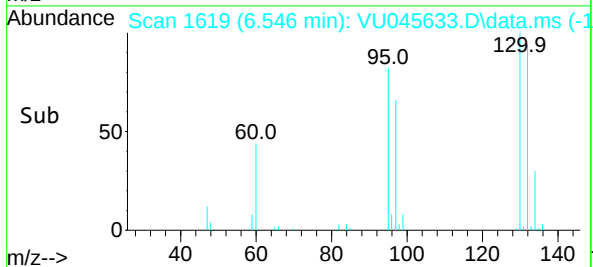
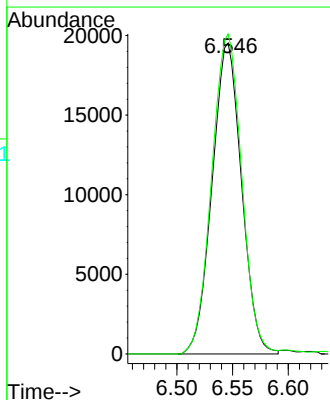
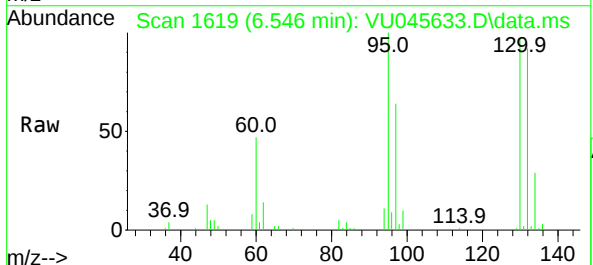
Manual Integrations
APPROVED

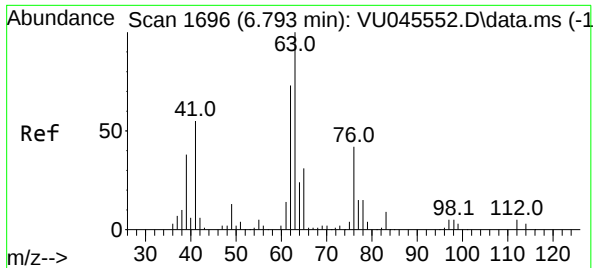
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#44
Trichloroethene
Concen: 20.223 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion:130 Resp: 35844
Ion Ratio Lower Upper
130 100
95 103.0 0.0 211.4





#45

1,2-Dichloropropane

Concen: 19.983 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion: 63 Resp: 3915

Ion Ratio Lower Upper

63 100

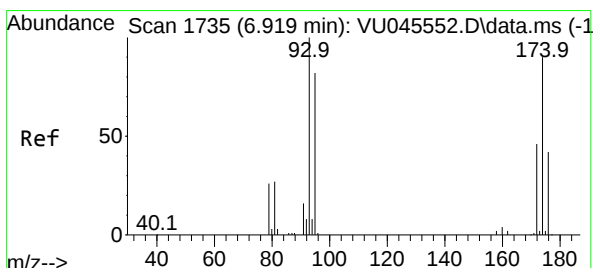
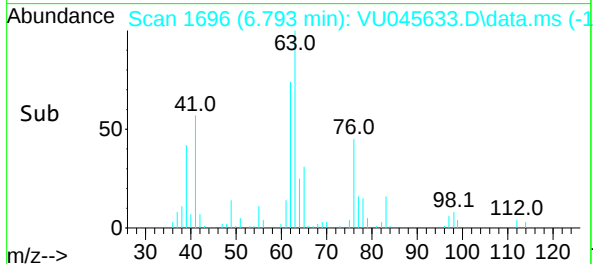
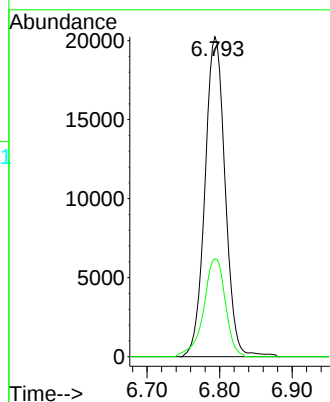
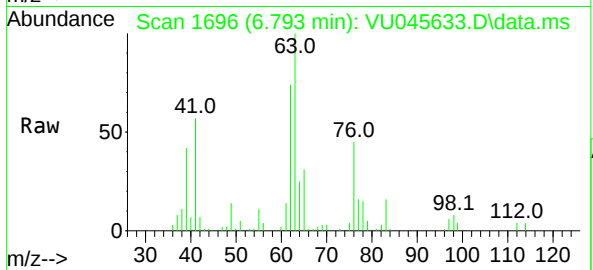
65 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 20.275 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

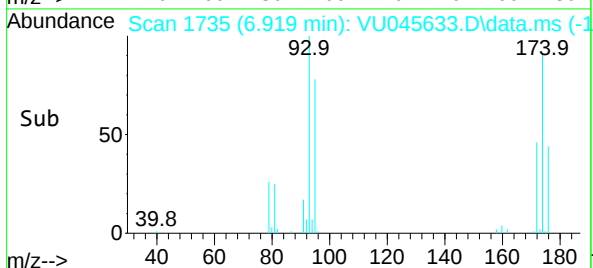
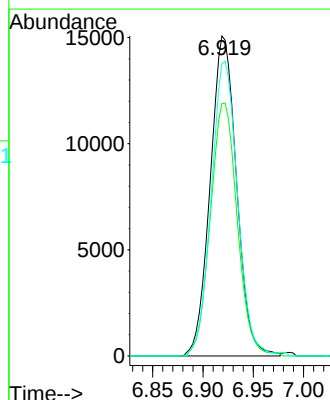
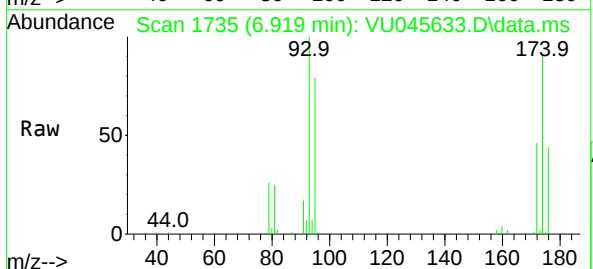
Tgt Ion: 93 Resp: 27524

Ion Ratio Lower Upper

93 100

95 80.3 66.2 99.2

174 91.8 71.0 106.6





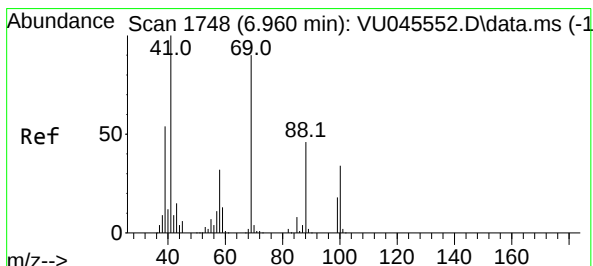
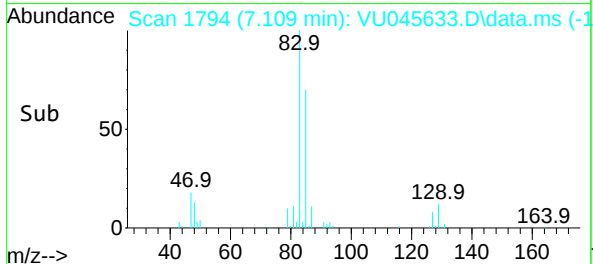
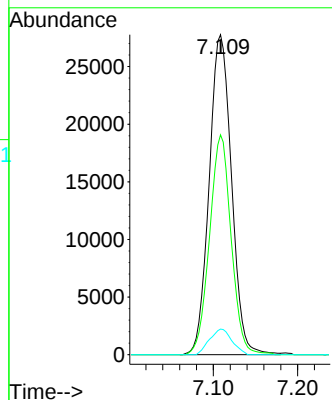
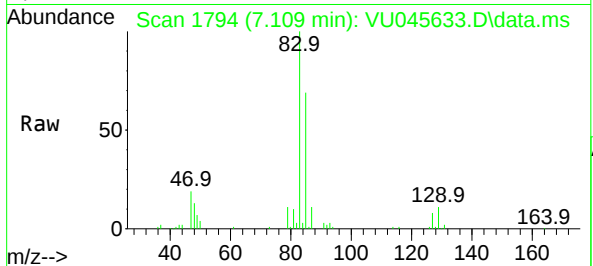
#47
Bromodichloromethane
Concen: 19.865 ug/l
RT: 7.109 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion: 83 Resp: 51169
Ion Ratio Lower Upper
83 100
85 68.7 49.8 74.6
127 8.0 6.2 9.2

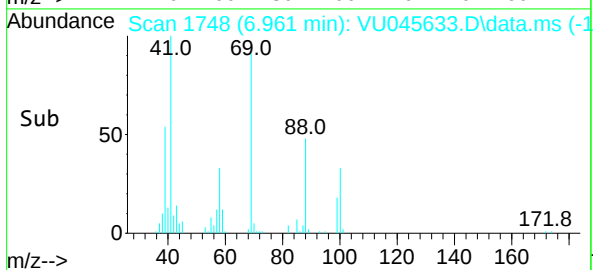
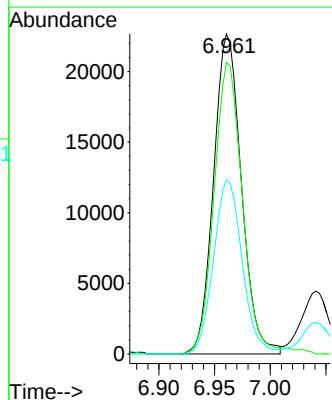
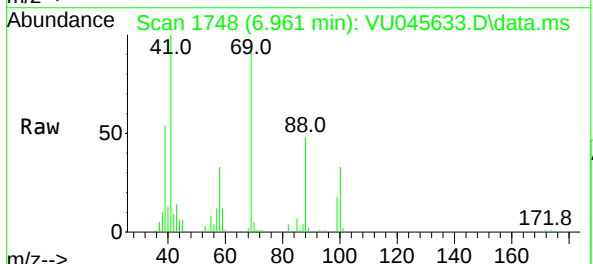
Manual Integrations
APPROVED

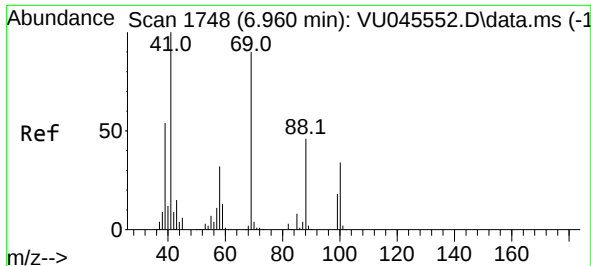
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#48
Methyl methacrylate
Concen: 19.492 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion: 41 Resp: 39423
Ion Ratio Lower Upper
41 100
69 93.2 70.2 105.2
39 55.9 43.9 65.9





#49

1,4-Dioxane

Concen: 418.067 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion: 88 Resp: 21745

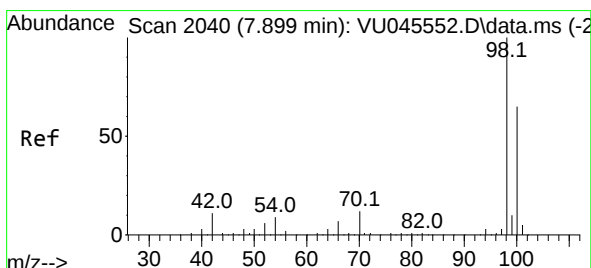
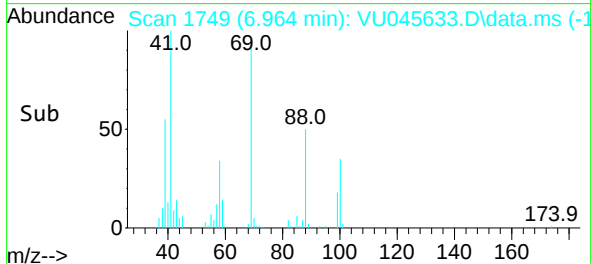
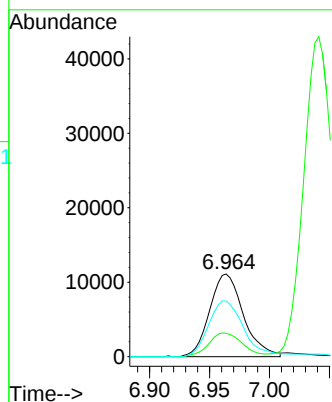
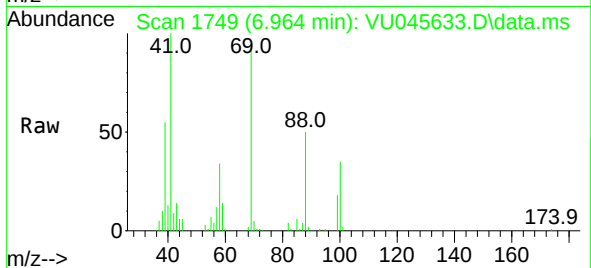
Ion	Ratio	Lower	Upper
88	100		
43	28.7	0.0	0.0
58	71.3	58.7	88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#50

Toluene-d8

Concen: 50.726 ug/l

RT: 7.899 min Scan# 2040

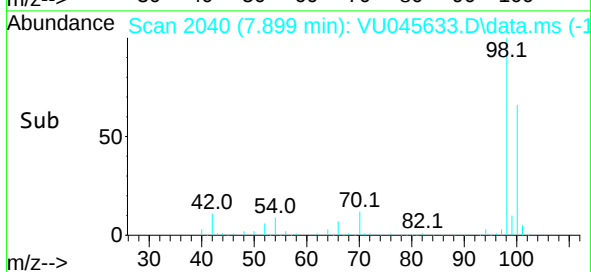
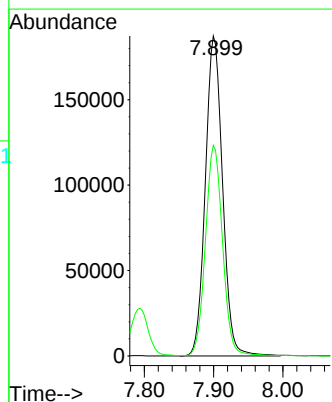
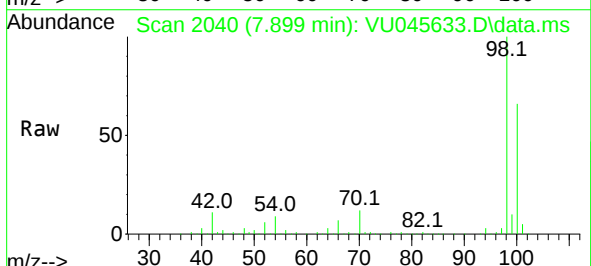
Delta R.T. 0.000 min

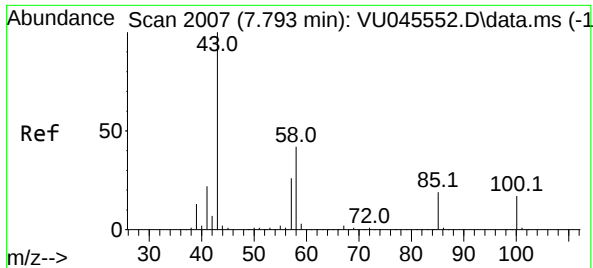
Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Tgt Ion: 98 Resp: 323013

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7





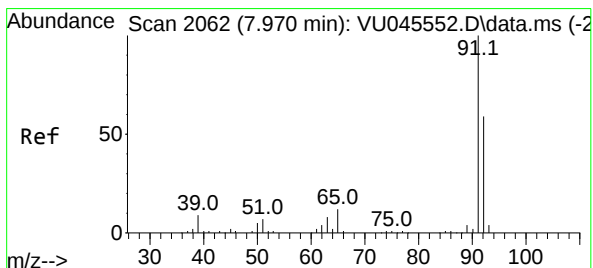
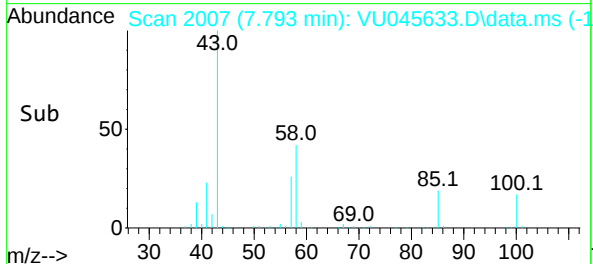
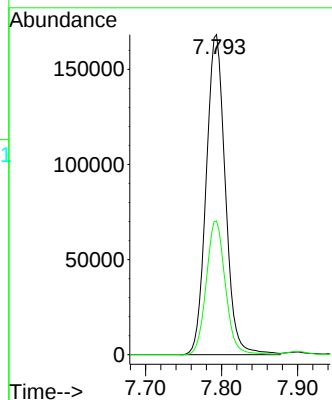
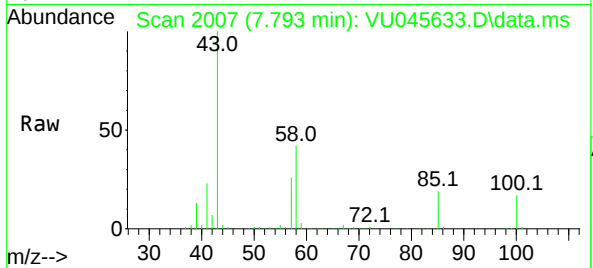
#51
4-Methyl-2-Pentanone
Concen: 101.413 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion: 43 Resp: 29396
Ion Ratio Lower Upper
43 100
58 41.7 33.8 50.8

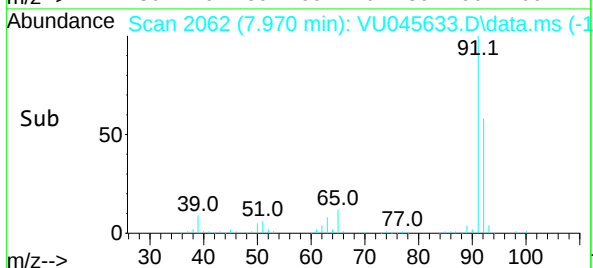
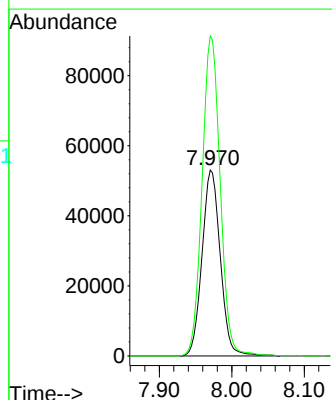
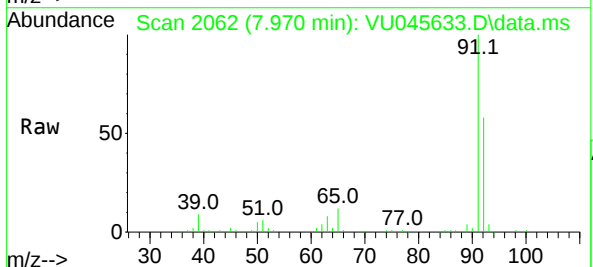
Manual Integrations
APPROVED

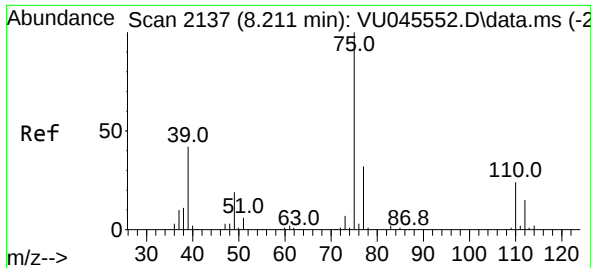
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#52
Toluene
Concen: 20.462 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion: 92 Resp: 92760
Ion Ratio Lower Upper
92 100
91 170.7 135.6 203.4





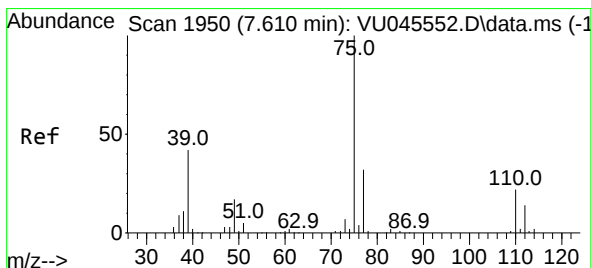
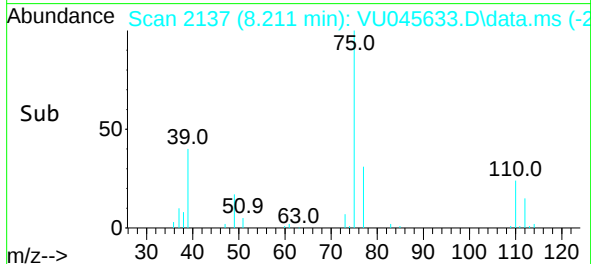
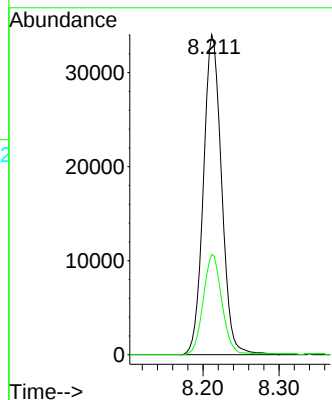
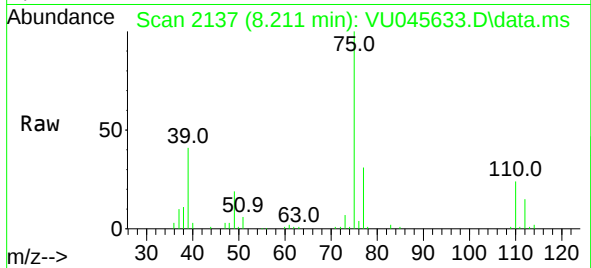
#53
t-1,3-Dichloropropene
Concen: 19.102 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion: 75 Resp: 56549
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8

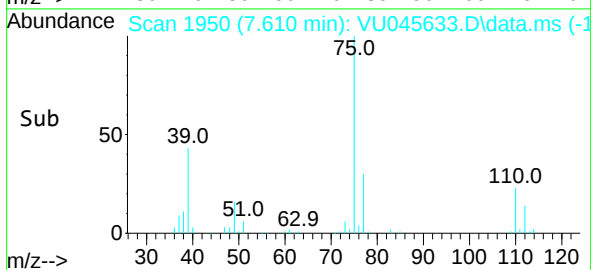
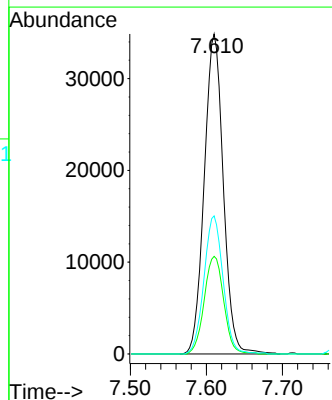
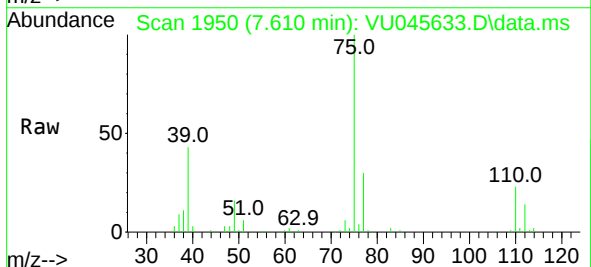
Manual Integrations
APPROVED

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



#54
cis-1,3-Dichloropropene
Concen: 19.322 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

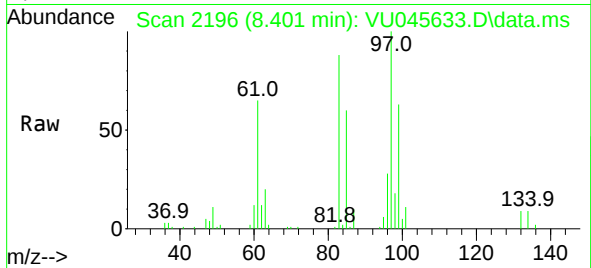
Tgt Ion: 75 Resp: 60756
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0
39 43.2 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 20.293 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

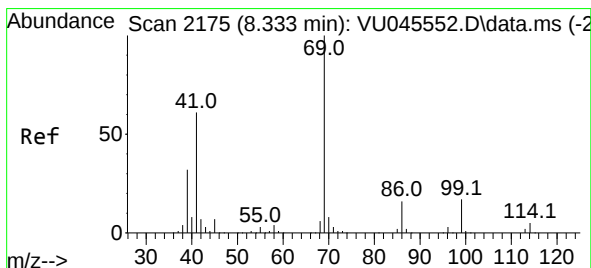
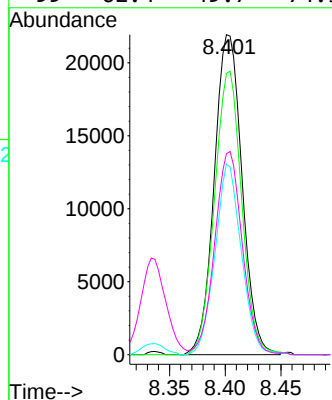
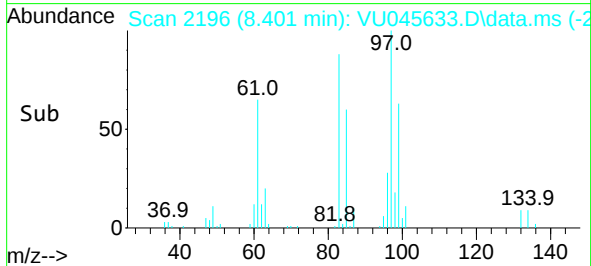
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.3	105.5
85	59.6	45.5	68.3
99	62.4	49.7	74.5

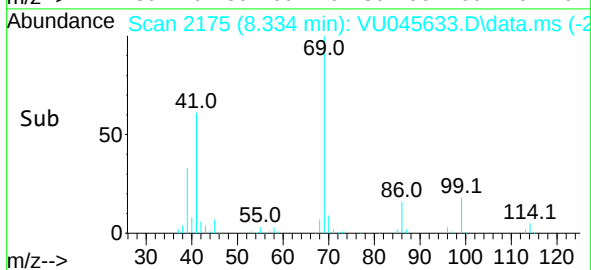
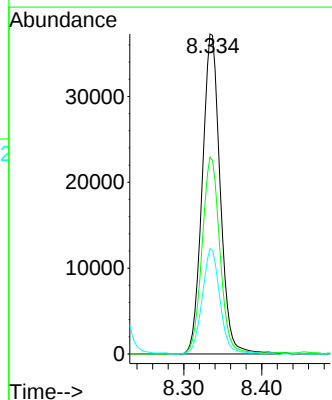
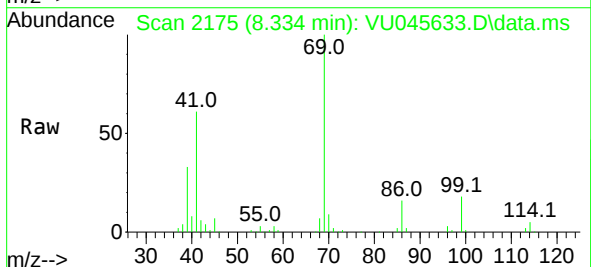
Manual Integrations
APPROVED

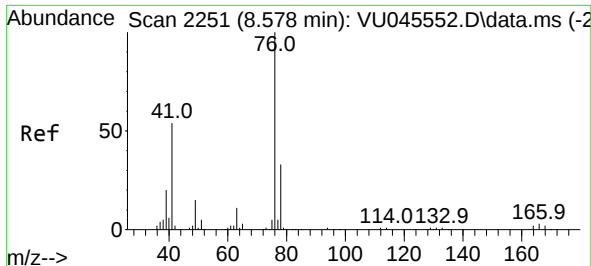
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#56
Ethyl methacrylate
Concen: 19.222 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.001 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.6	51.0	76.4
39	32.4	26.6	39.8





#57

1,3-Dichloropropane

Concen: 19.947 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion: 76 Resp: 67500

Ion Ratio Lower Upper

76 100

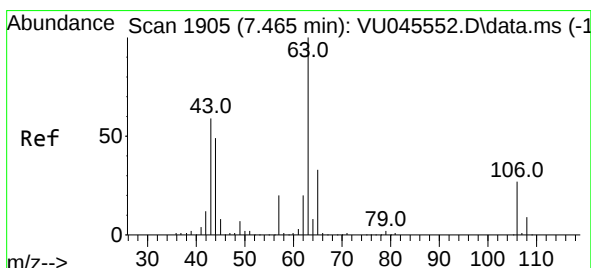
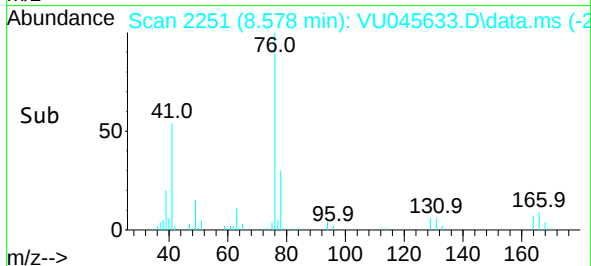
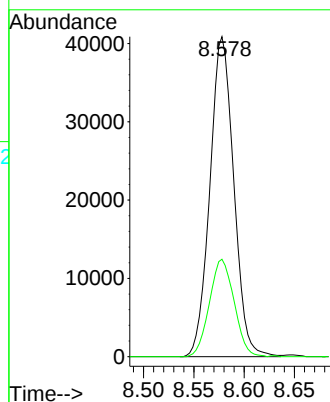
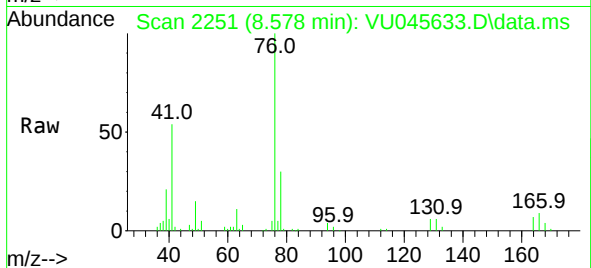
78 31.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 73.940 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045633.D

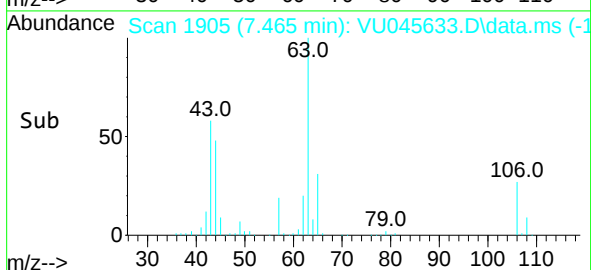
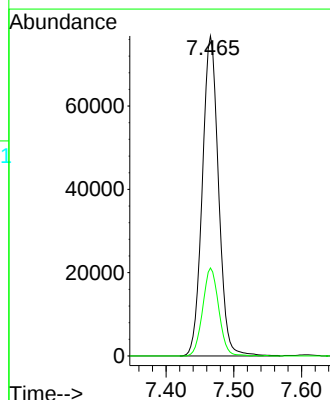
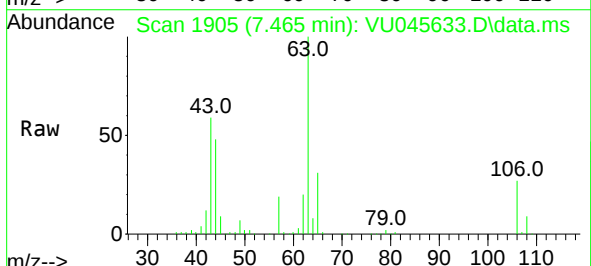
Acq: 08 Nov 2021 22:50

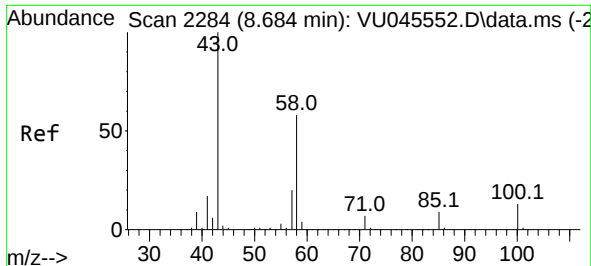
Tgt Ion: 63 Resp: 127894

Ion Ratio Lower Upper

63 100

106 27.1 21.0 31.4





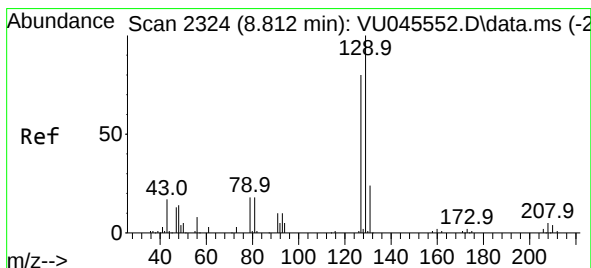
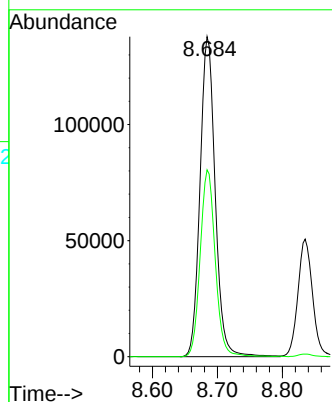
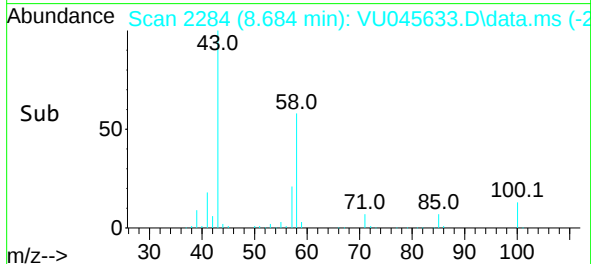
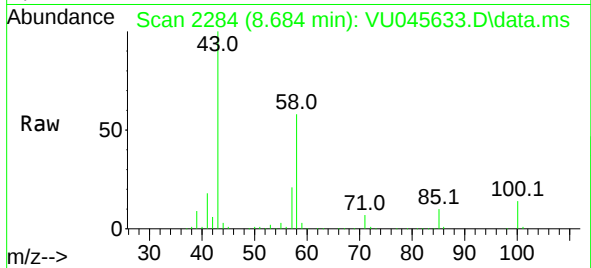
#59
2-Hexanone
Concen: 93.816 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion: 43 Resp: 22438
Ion Ratio Lower Upper
43 100
58 58.0 29.5 88.6

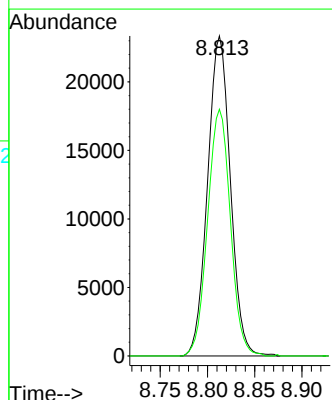
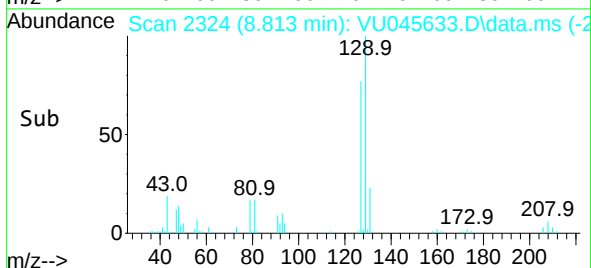
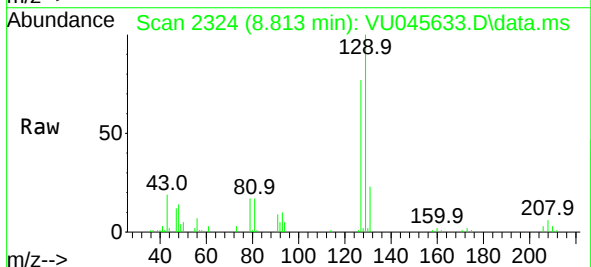
Manual Integrations
APPROVED

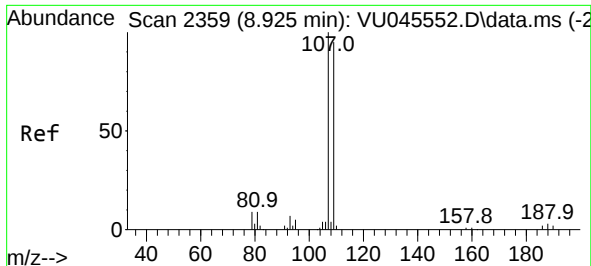
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#60
Dibromochloromethane
Concen: 20.001 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

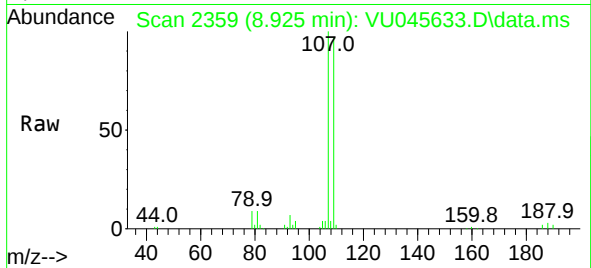
Tgt Ion:129 Resp: 39129
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 19.996 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

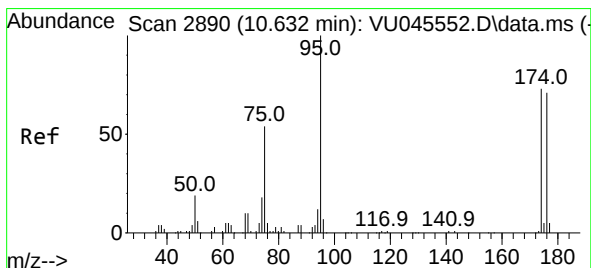
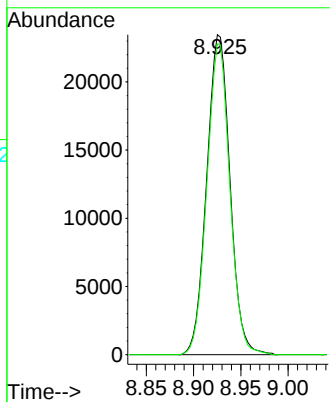
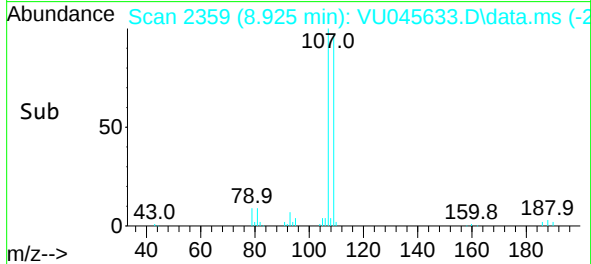
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion:107 Resp: 4029
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.8

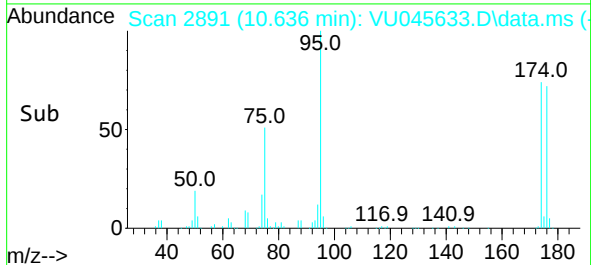
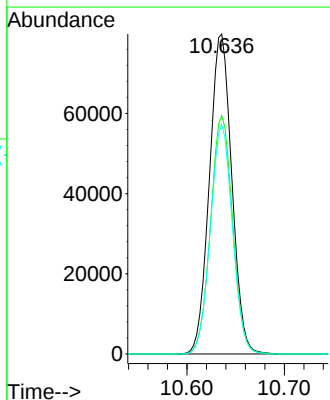
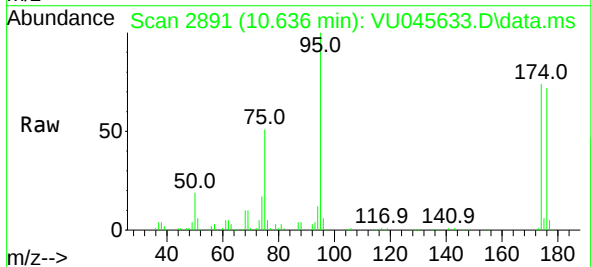
Manual Integrations
APPROVED

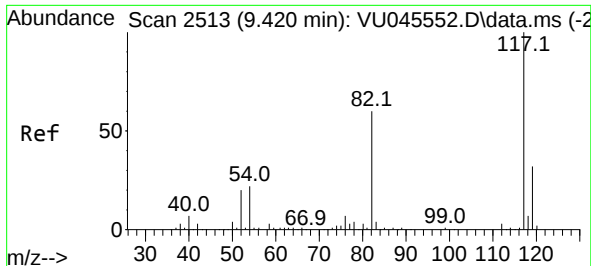
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#62
4-Bromofluorobenzene
Concen: 49.855 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

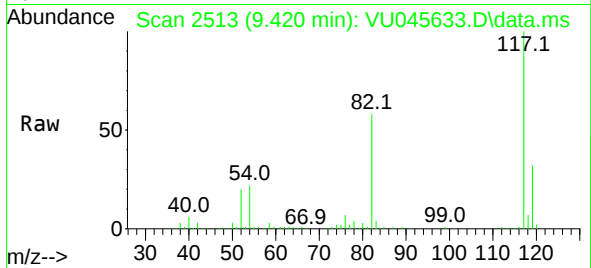
Tgt Ion: 95 Resp: 127302
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 70.7 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

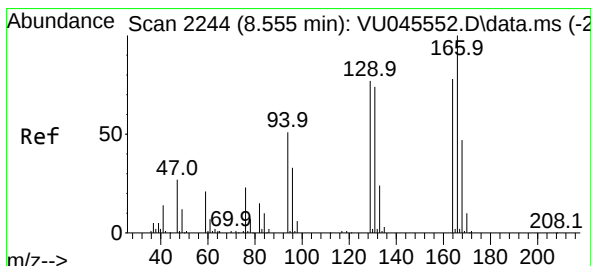
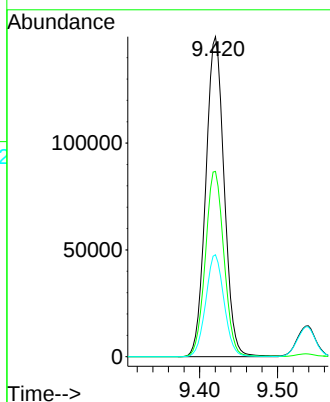
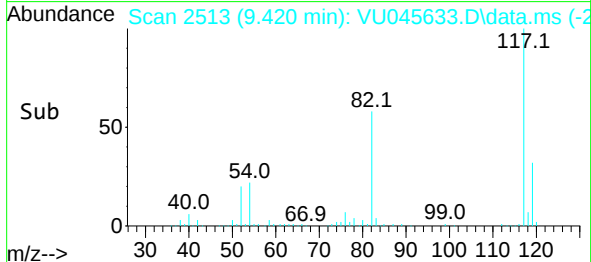
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



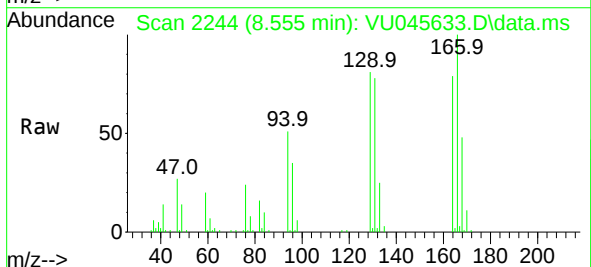
Tgt Ion:117 Resp: 24544
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.8
119 31.9 25.8 38.8

Manual Integrations
APPROVED

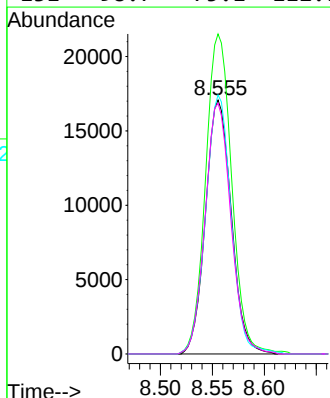
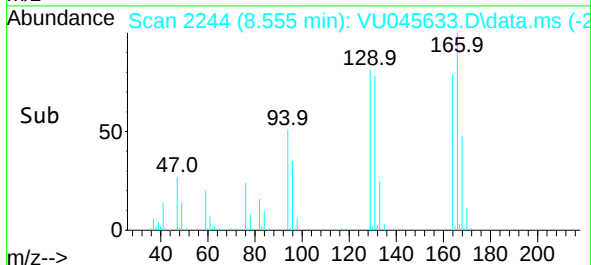
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

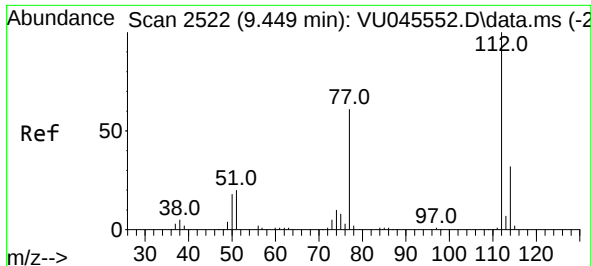


#64
Tetrachloroethene
Concen: 20.949 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50



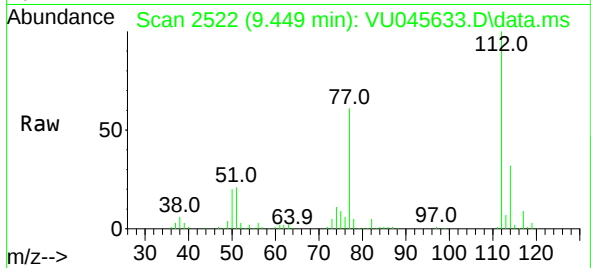
Tgt Ion:164 Resp: 29511
Ion Ratio Lower Upper
164 100
166 126.0 102.2 153.4
129 102.0 78.2 117.4
131 98.7 75.1 112.7





#65
Chlorobenzene
Concen: 20.214 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

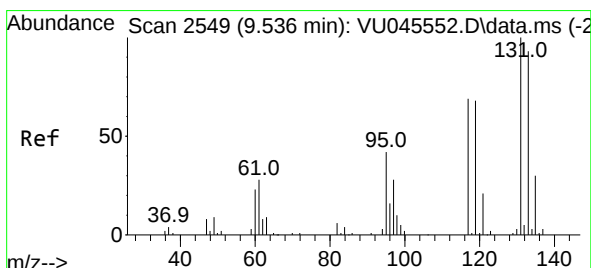
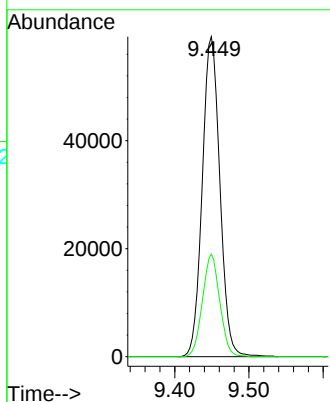
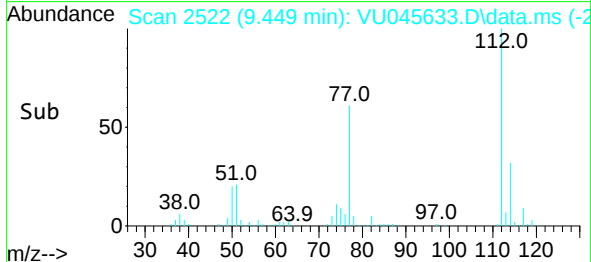
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion:112 Resp: 97452
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

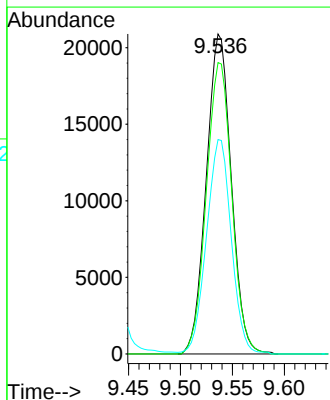
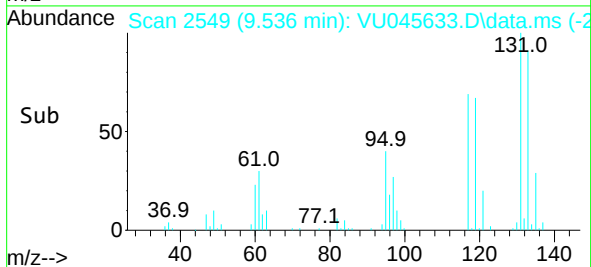
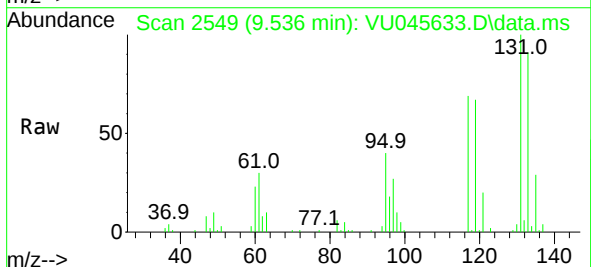
Manual Integrations
APPROVED

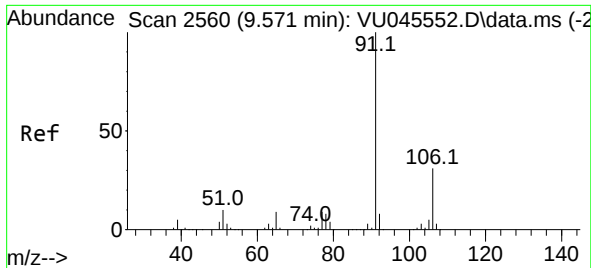
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.316 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Tgt Ion:131 Resp: 34933
Ion Ratio Lower Upper
131 100
133 92.7 47.9 143.6
119 66.5 34.5 103.6





#67

Ethyl Benzene

Concen: 20.202 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion: 91 Resp: 174418

Ion Ratio Lower Upper

91 100

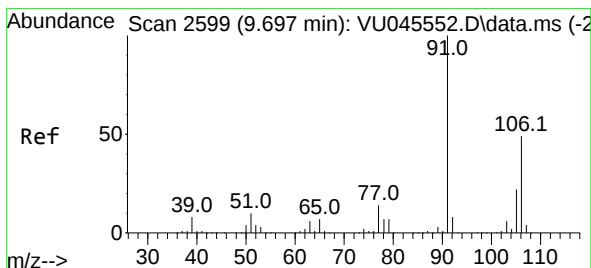
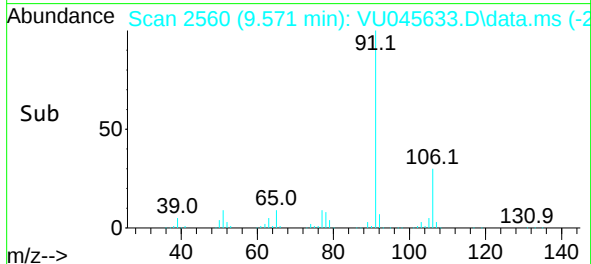
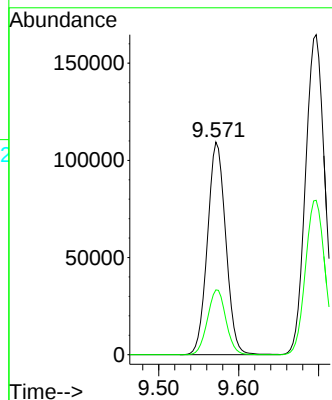
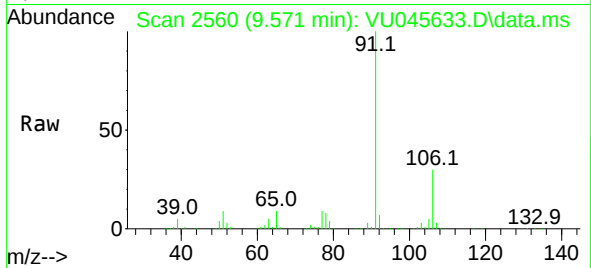
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#68

m/p-Xylenes

Concen: 41.353 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045633.D

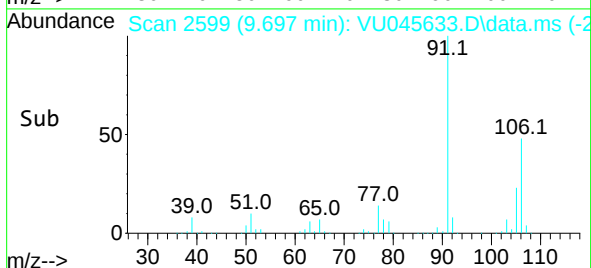
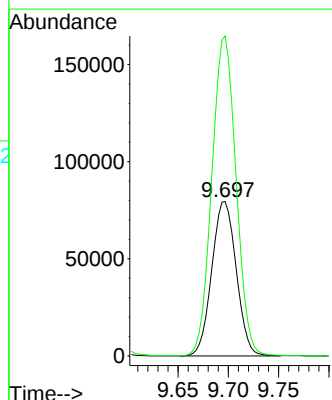
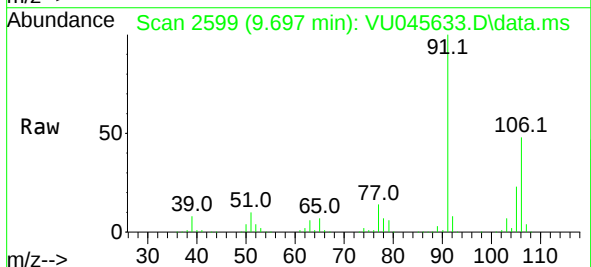
Acq: 08 Nov 2021 22:50

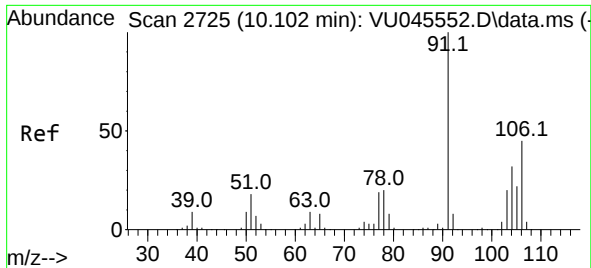
Tgt Ion:106 Resp: 134649

Ion Ratio Lower Upper

106 100

91 205.2 164.7 247.1





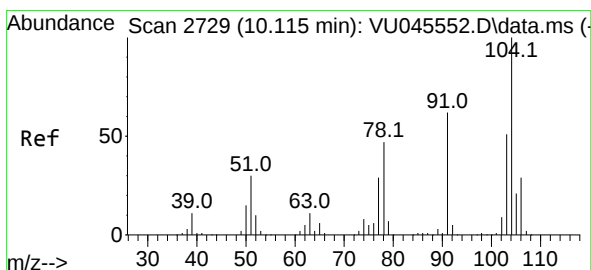
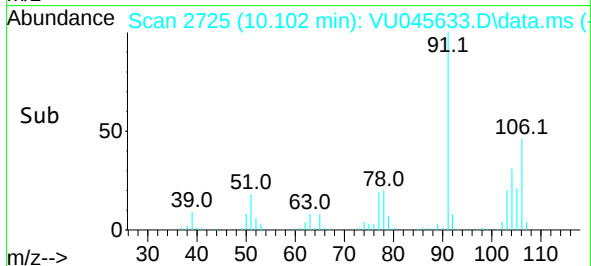
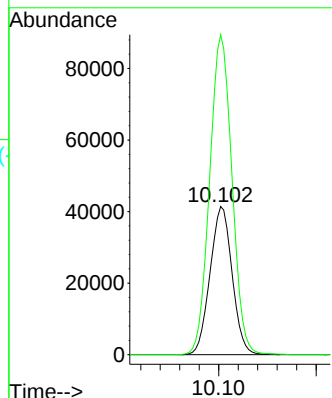
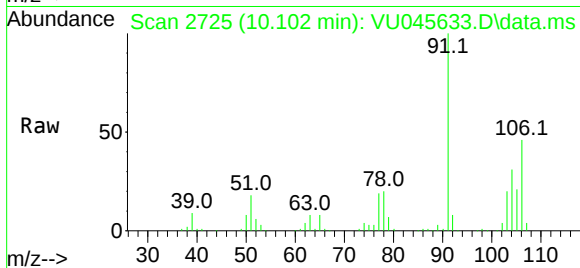
#69
o-Xylene
Concen: 20.594 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02

Tgt Ion:106 Resp: 65192
Ion Ratio Lower Upper
106 100
91 218.3 108.7 326.3

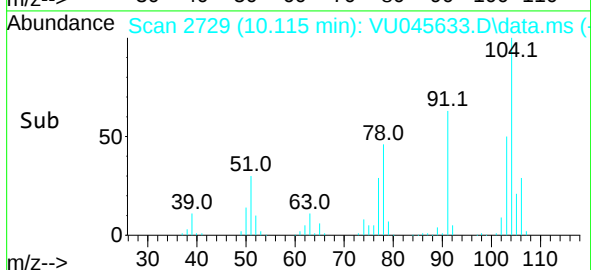
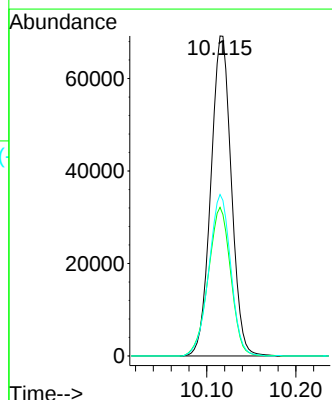
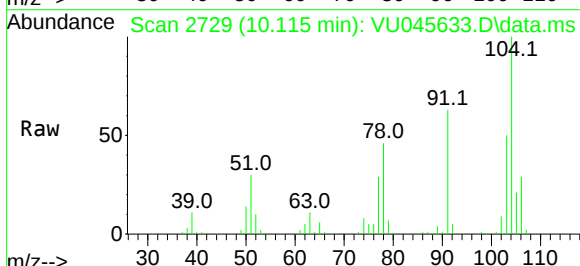
Manual Integrations
APPROVED

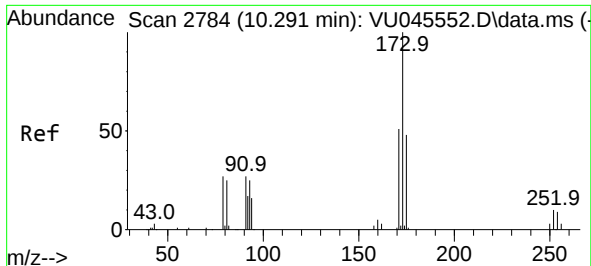
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#70
Styrene
Concen: 20.629 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

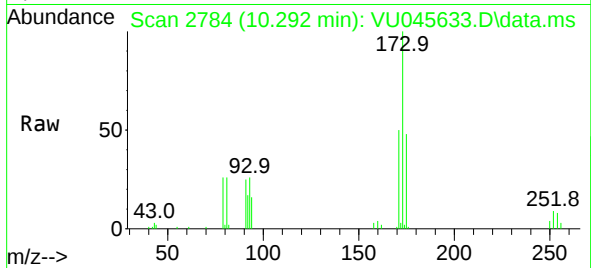
Tgt Ion:104 Resp: 110478
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.6
103 54.0 43.8 65.6





#71
Bromoform
Concen: 19.712 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

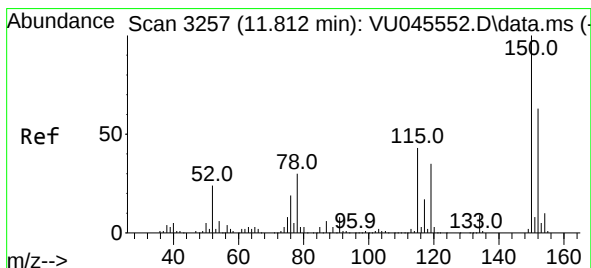
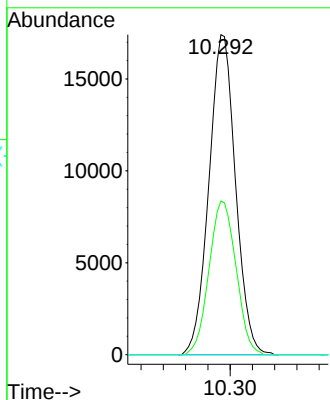
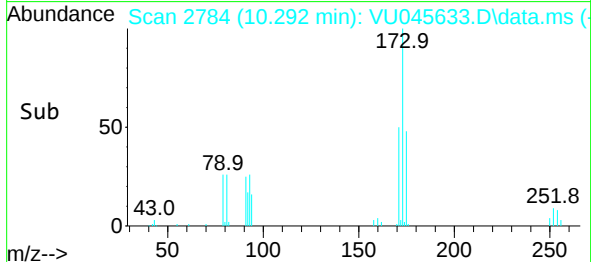
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



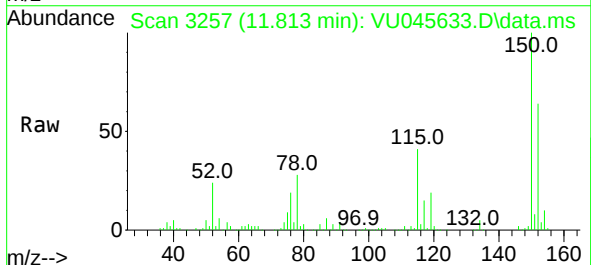
Tgt Ion:173 Resp: 2883
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

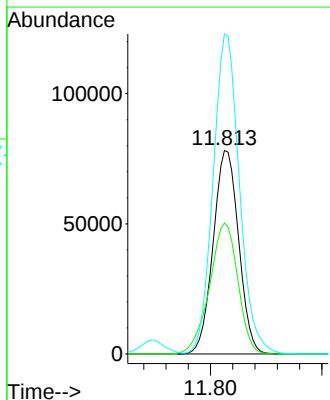
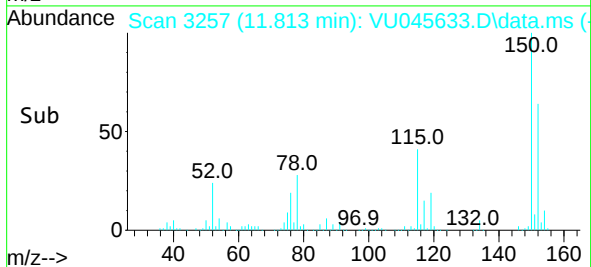
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

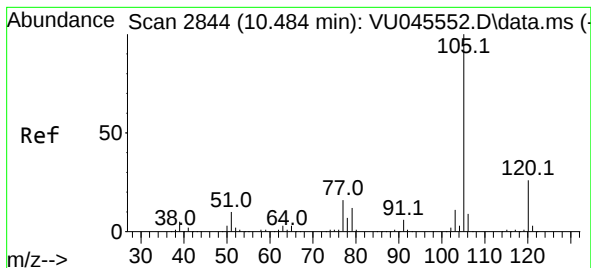


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50



Tgt Ion:152 Resp: 124195
Ion Ratio Lower Upper
152 100
115 71.4 42.7 128.1
150 162.7 0.0 346.8





#73

Isopropylbenzene

Concen: 21.383 ug/l

RT: 10.485 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion:105 Resp: 17352

Ion Ratio Lower Upper

105 100

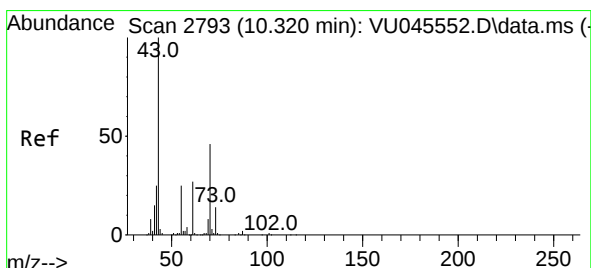
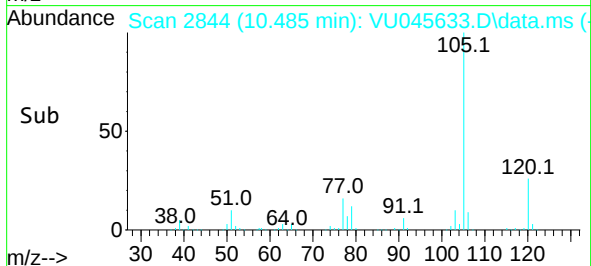
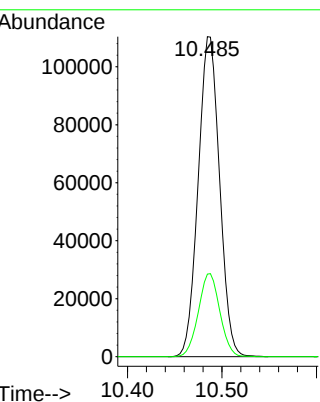
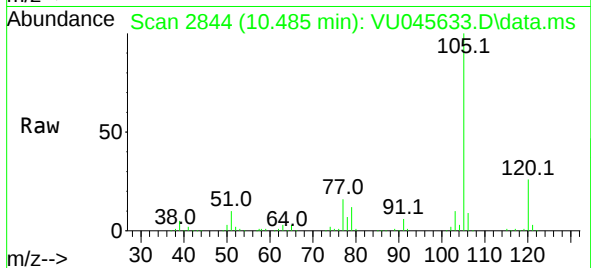
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#74

N-ethyl acetate

Concen: 20.098 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Tgt Ion: 43 Resp: 73574

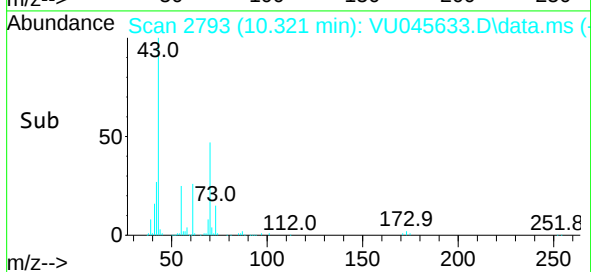
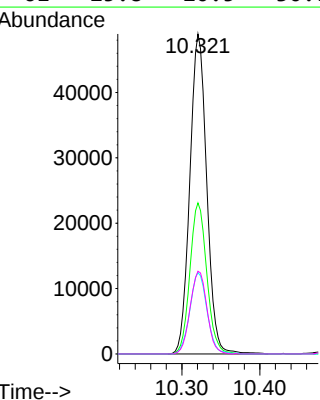
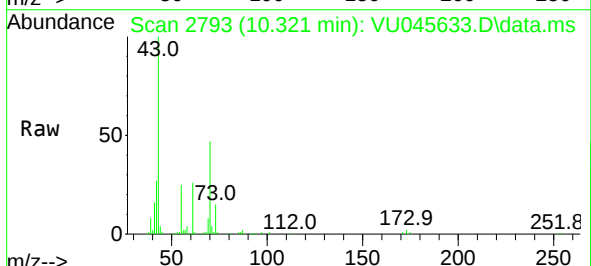
Ion Ratio Lower Upper

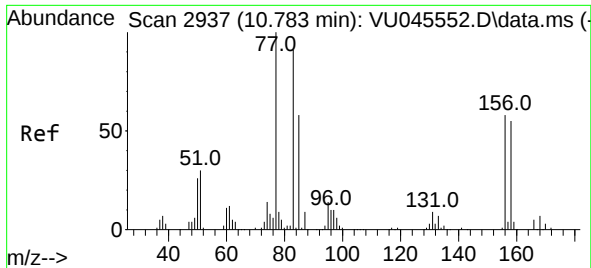
43 100

70 47.2 36.9 55.3

55 25.8 20.6 31.0

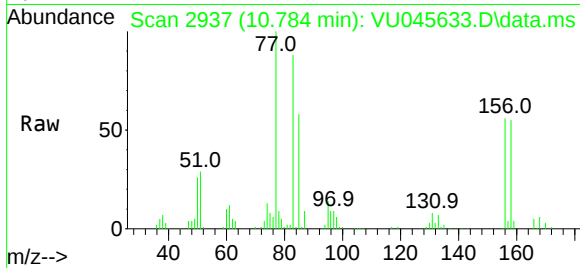
61 25.8 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.304 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

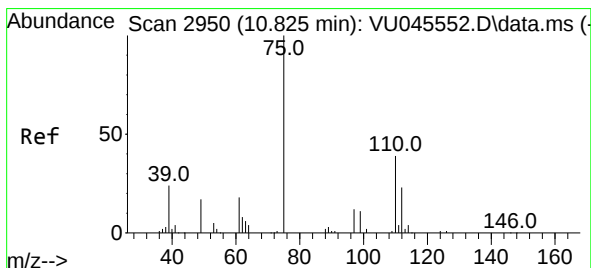
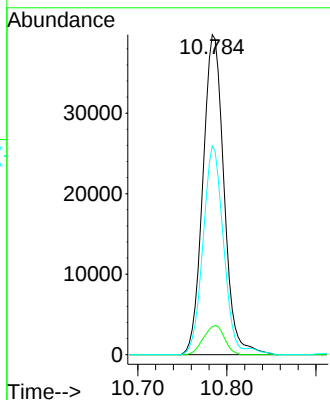
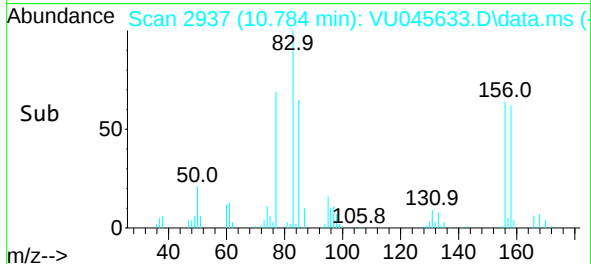
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion: 83 Resp: 65280
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 64.0 31.9 95.9

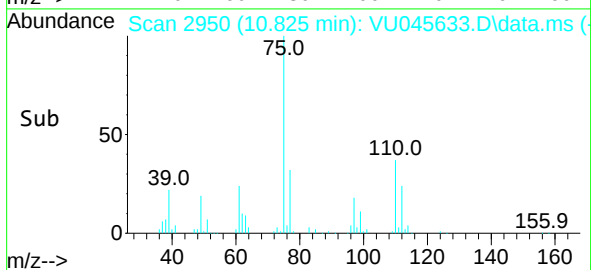
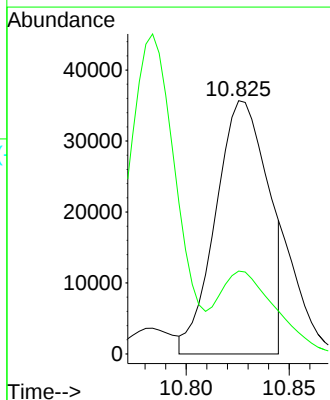
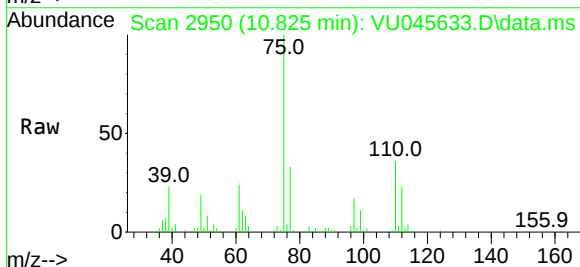
Manual Integrations
APPROVED

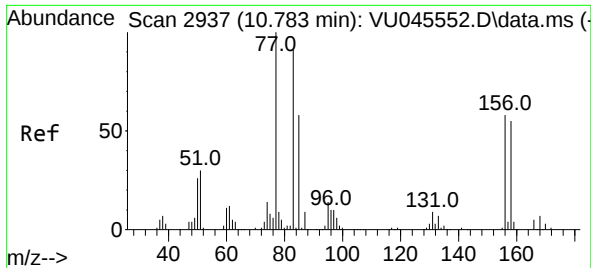
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#76
1,2,3-Trichloropropane
Concen: 16.736 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

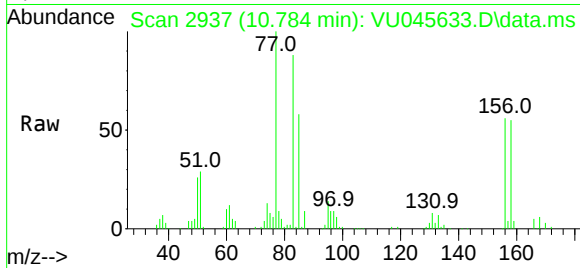
Tgt Ion: 75 Resp: 63031
Ion Ratio Lower Upper
75 100
77 36.2 17.1 51.3





#77
Bromobenzene
Concen: 20.867 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

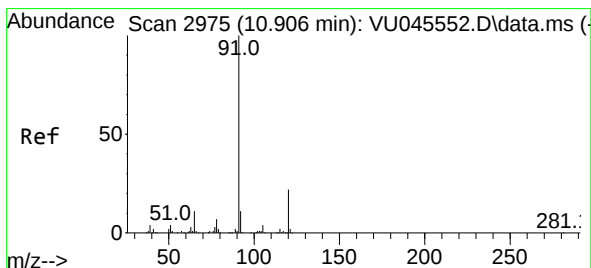
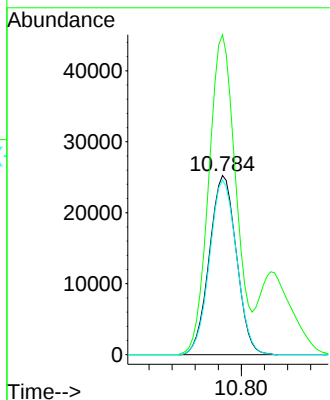
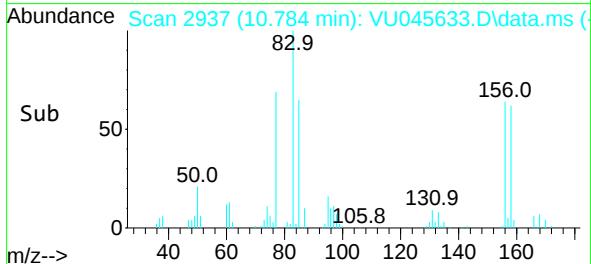
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



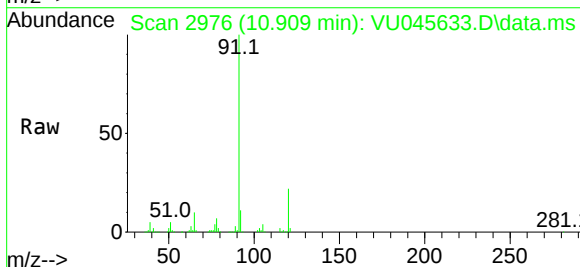
Tgt Ion:156 Resp: 4111
Ion Ratio Lower Upper
156 100
77 177.6 91.1 273.4
158 97.6 47.9 143.6

Manual Integrations
APPROVED

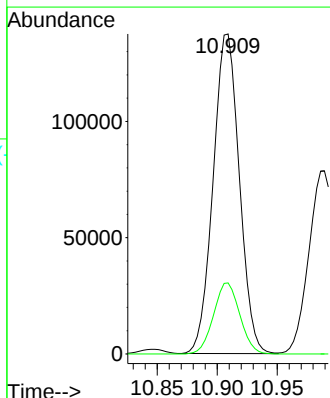
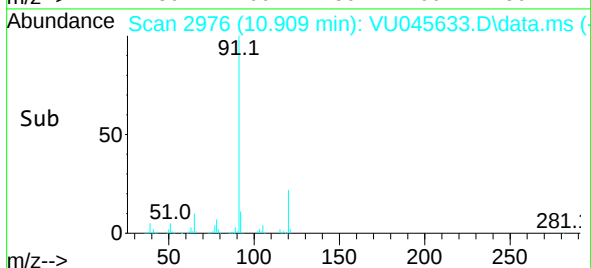
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

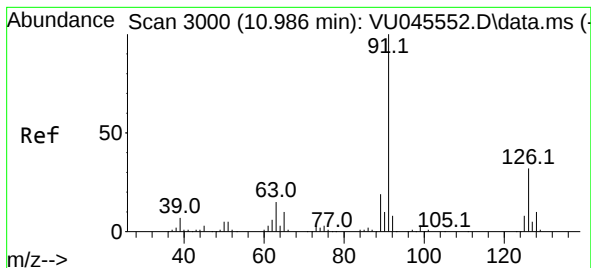


#78
n-propylbenzene
Concen: 20.641 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50



Tgt Ion: 91 Resp: 208468
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.7





#79

2-Chlorotoluene

Concen: 20.964 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

Tgt Ion: 91 Resp: 12509

Ion Ratio Lower Upper

91 100

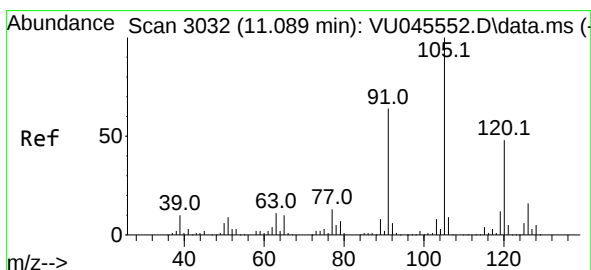
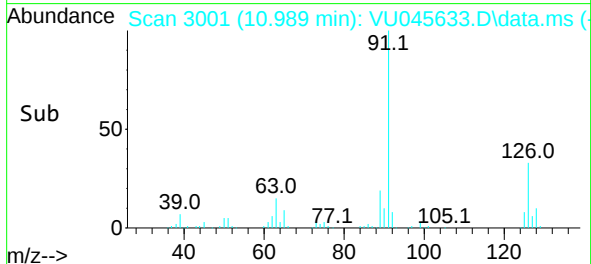
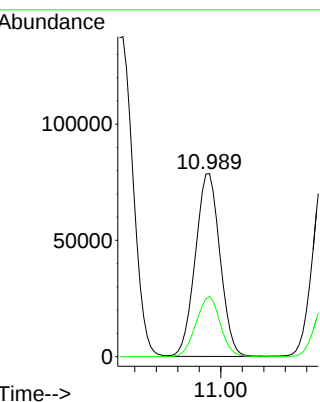
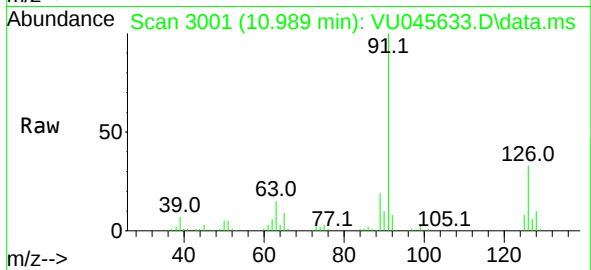
126 32.3 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#80

1,3,5-Trimethylbenzene

Concen: 21.040 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU045633.D

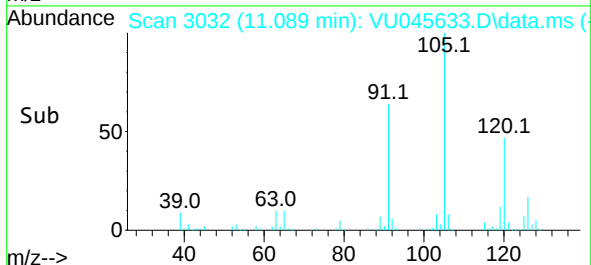
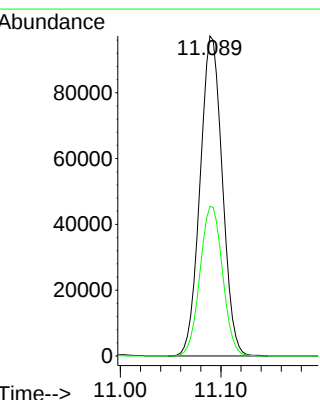
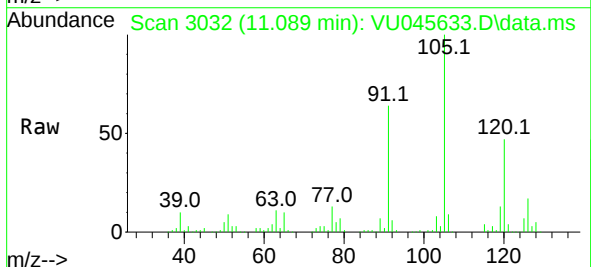
Acq: 08 Nov 2021 22:50

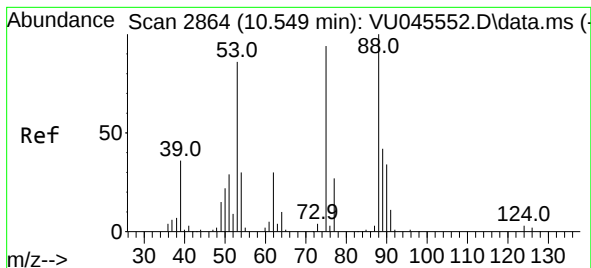
Tgt Ion:105 Resp: 149176

Ion Ratio Lower Upper

105 100

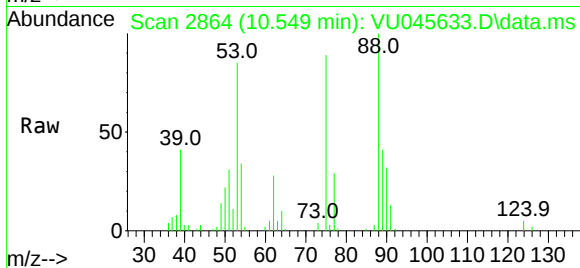
120 47.5 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.150 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

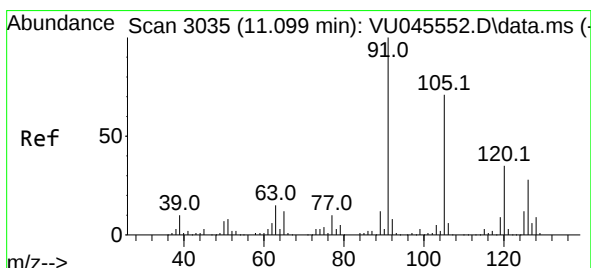
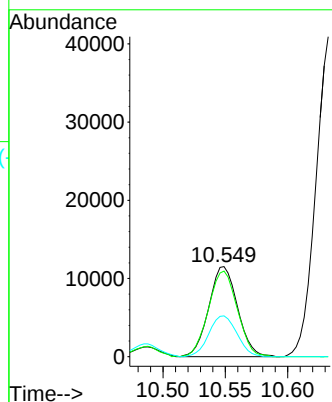
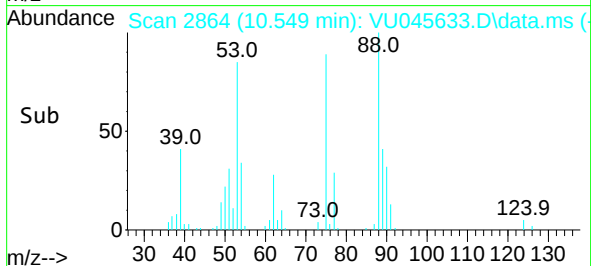
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion: 75 Resp: 18530
Ion Ratio Lower Upper
75 100
53 95.3 76.2 114.4
89 44.2 34.0 51.0

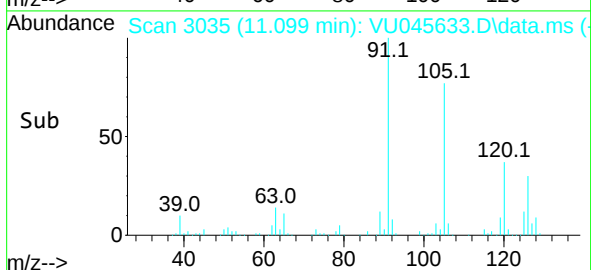
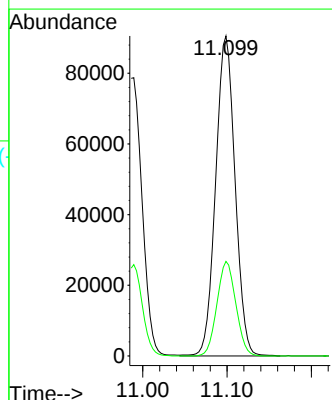
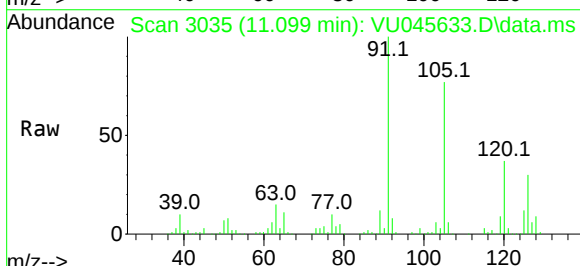
Manual Integrations
APPROVED

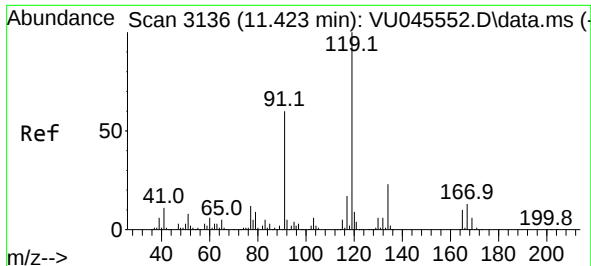
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#82
4-Chlorotoluene
Concen: 20.673 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

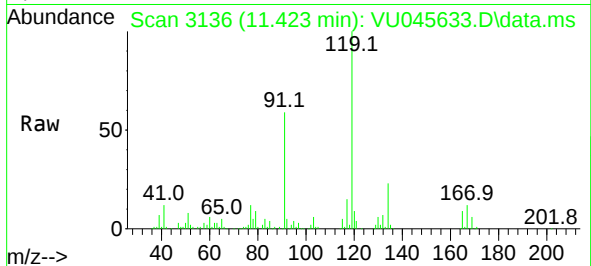
Tgt Ion: 91 Resp: 144663
Ion Ratio Lower Upper
91 100
126 28.6 13.8 41.4





#83
tert-Butylbenzene
Concen: 20.900 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

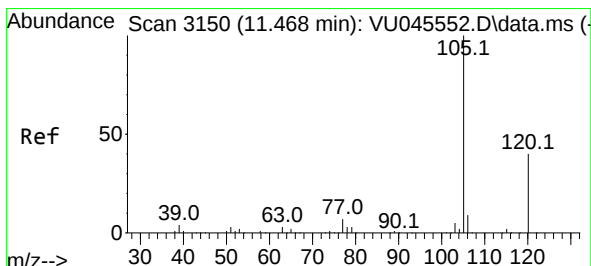
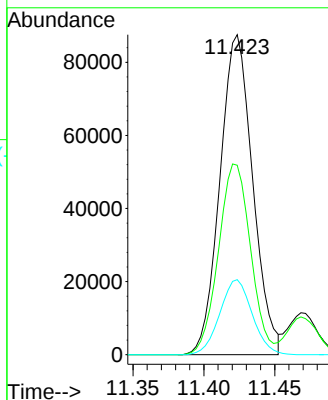
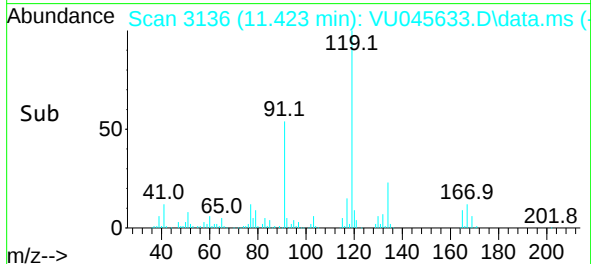
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



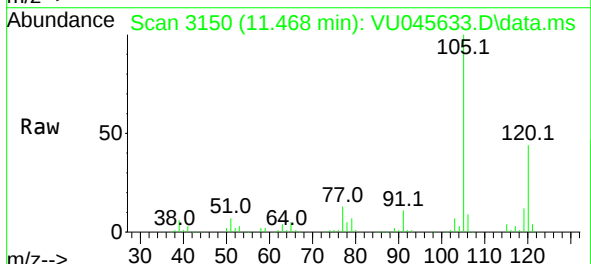
Tgt Ion:119 Resp: 14125
Ion Ratio Lower Upper
119 100
91 58.2 30.5 91.5
134 23.1 11.5 34.5

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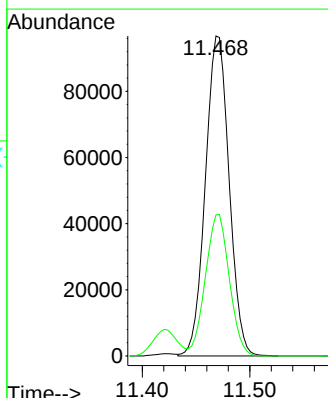
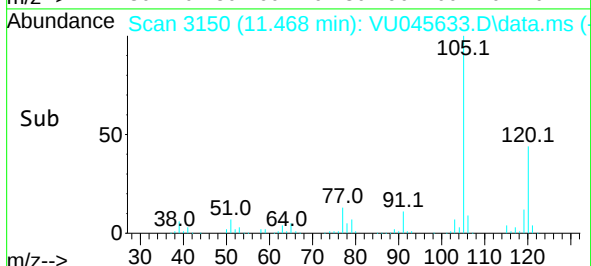
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

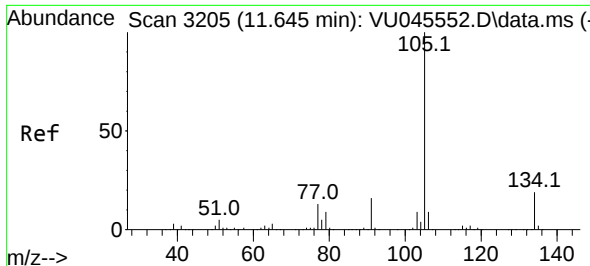


#84
1,2,4-Trimethylbenzene
Concen: 21.057 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50



Tgt Ion:105 Resp: 148378
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6





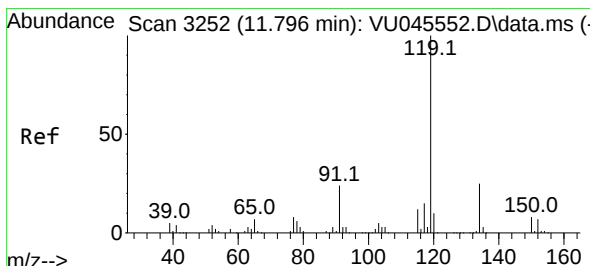
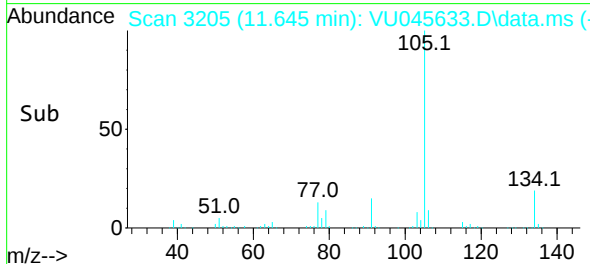
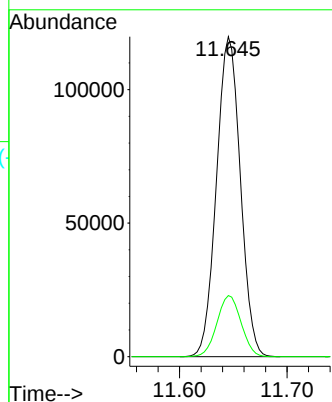
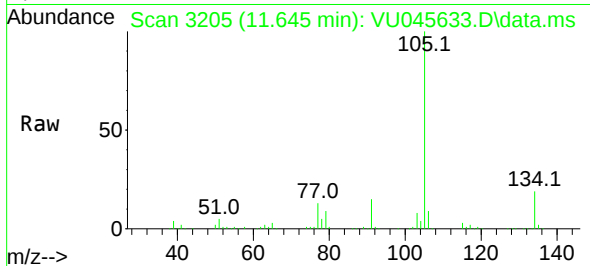
#85
 sec-Butylbenzene
 Concen: 20.585 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045633.D
 Acq: 08 Nov 2021 22:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108WBS02

Tgt Ion:105 Resp: 18451
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.4 28.3

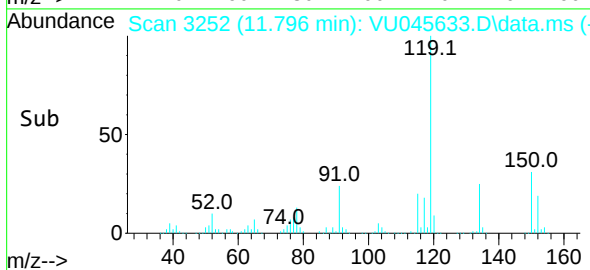
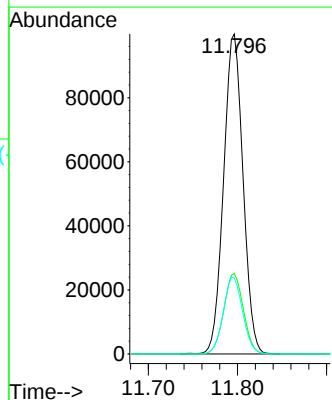
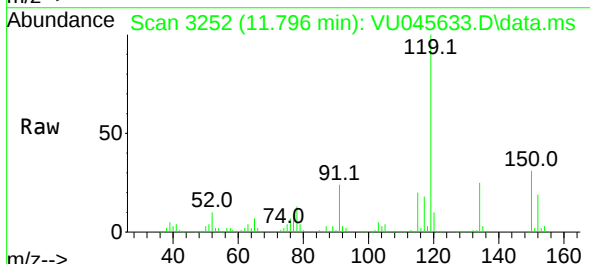
Manual Integrations
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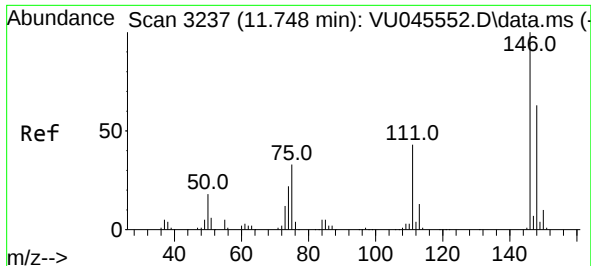
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#86
 p-Isopropyltoluene
 Concen: 20.218 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045633.D
 Acq: 08 Nov 2021 22:50

Tgt Ion:119 Resp: 151435
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 23.9 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.952 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

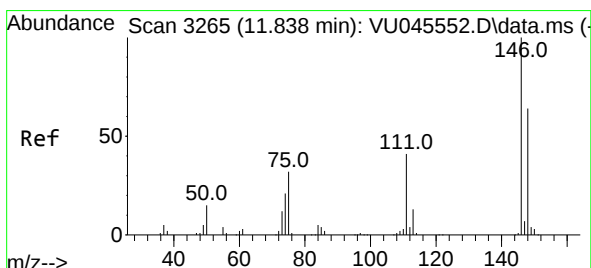
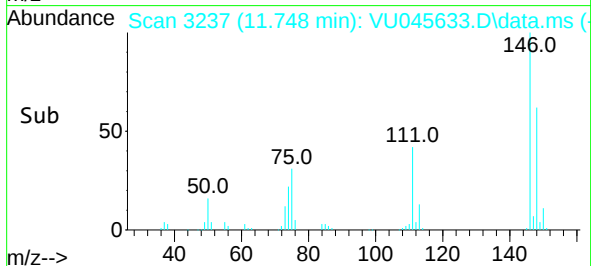
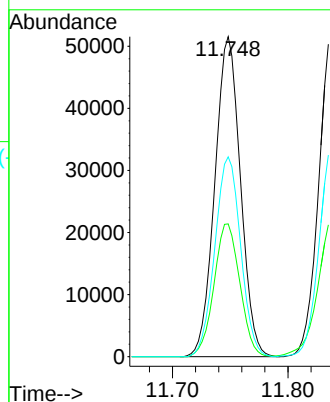
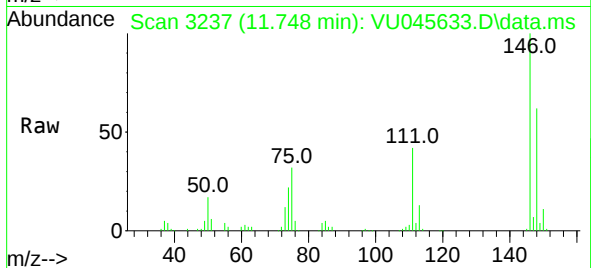
VU1108WBS02

Tgt Ion:146 Resp: 79315
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.9
 148 63.0 31.7 95.1

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 20.158 ug/l

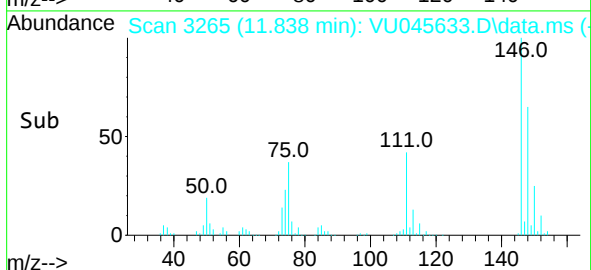
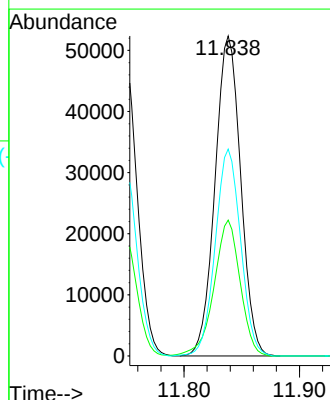
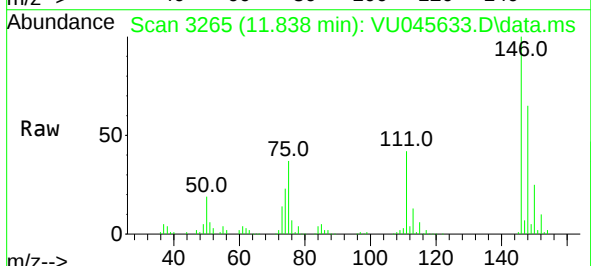
RT: 11.838 min Scan# 3265

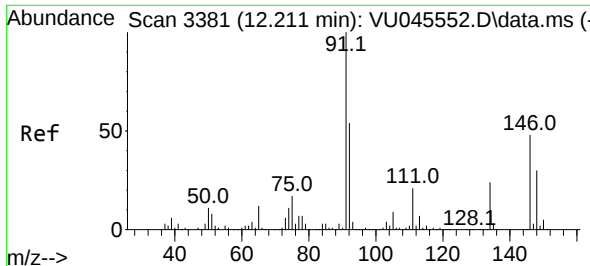
Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

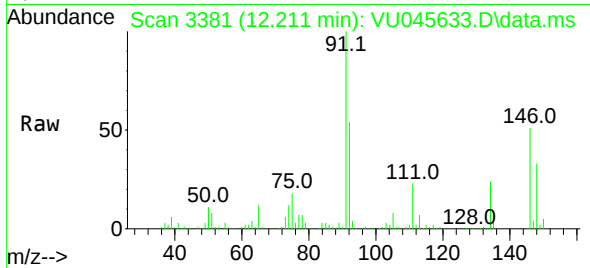
Tgt Ion:146 Resp: 81047
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.6 61.9
 148 63.9 31.9 95.7





#89
n-Butylbenzene
Concen: 18.863 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

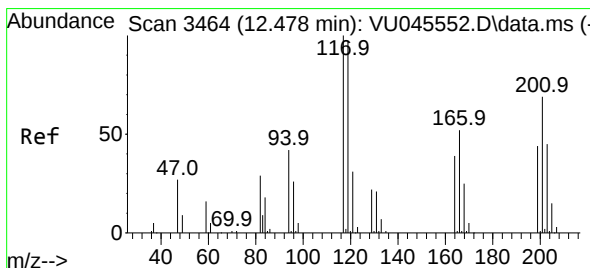
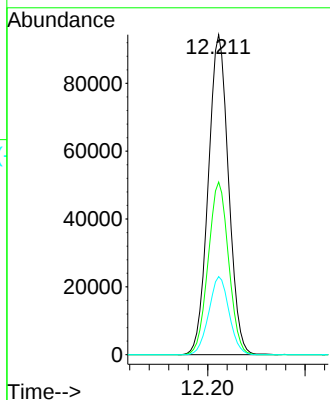
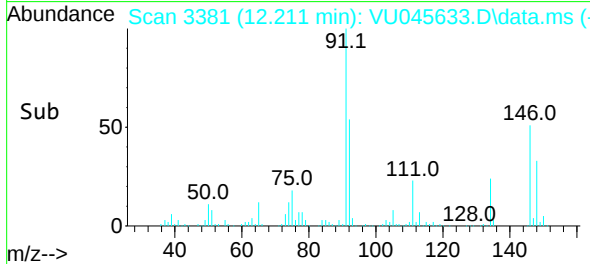
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



Tgt Ion: 91 Resp: 13610
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 24.4 11.8 35.4

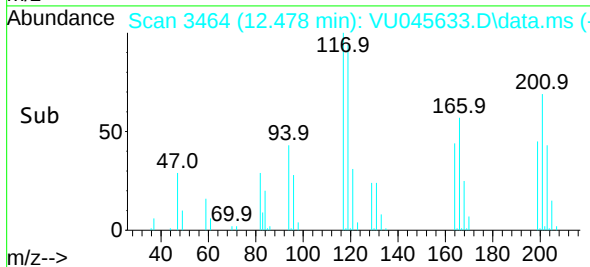
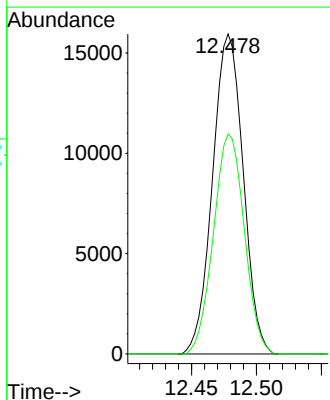
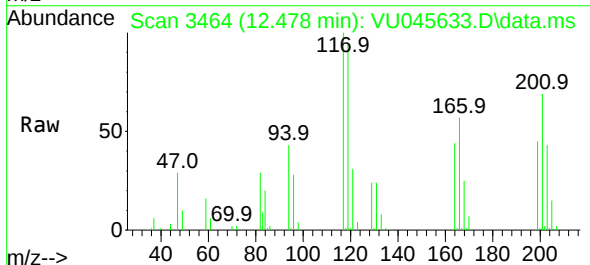
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 19.313 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

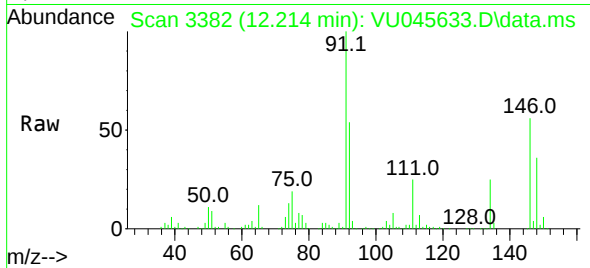
Tgt Ion:117 Resp: 26096
Ion Ratio Lower Upper
117 100
201 69.3 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 20.113 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

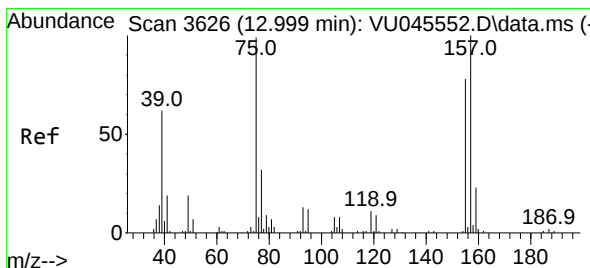
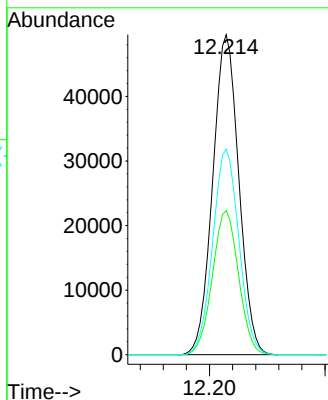
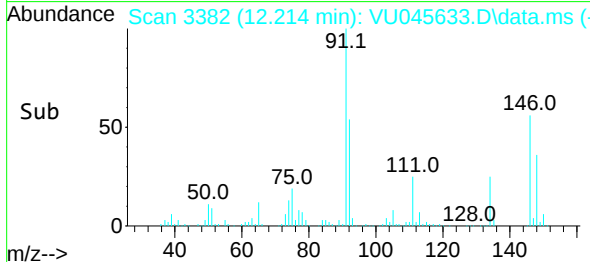
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



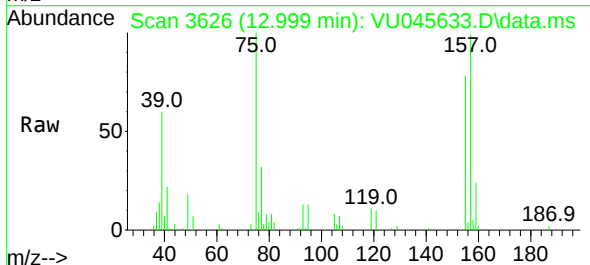
Tgt Ion:146 Resp: 77789
Ion Ratio Lower Upper
146 100
111 45.1 21.9 65.5
148 64.5 32.1 96.3

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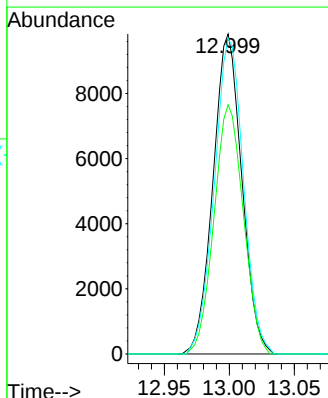
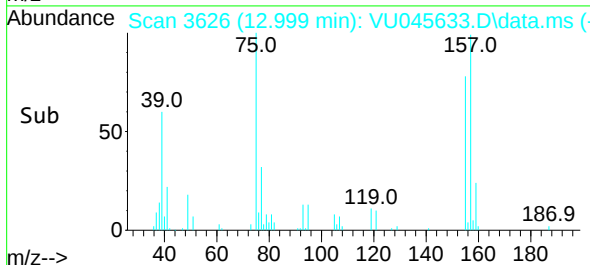
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

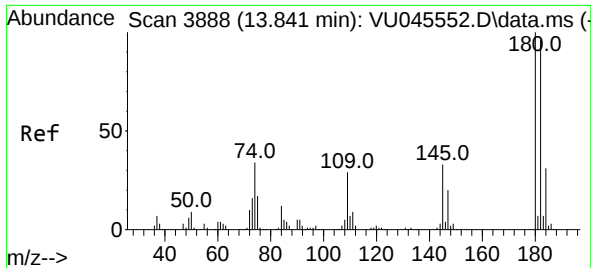


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.891 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50



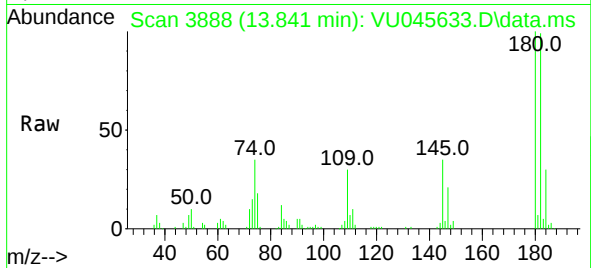
Tgt Ion: 75 Resp: 15090
Ion Ratio Lower Upper
75 100
155 79.4 37.8 113.3
157 100.0 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 18.951 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50

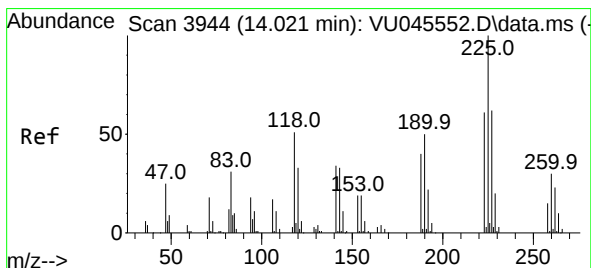
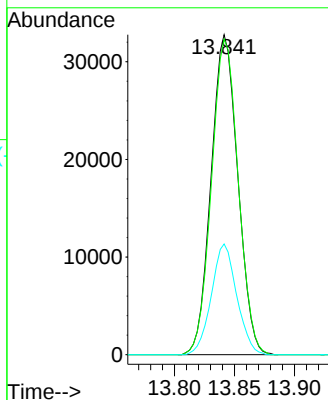
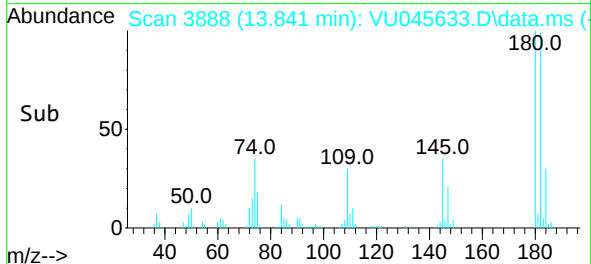
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBS02



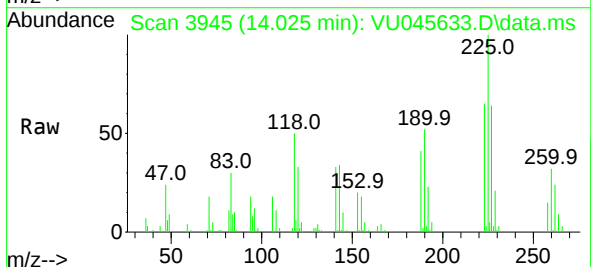
Tgt Ion:180 Resp: 50678
Ion Ratio Lower Upper
180 100
182 98.6 47.0 141.2
145 32.9 15.6 46.7

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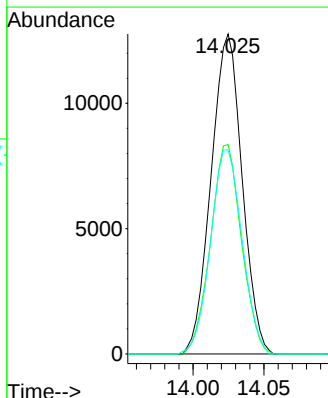
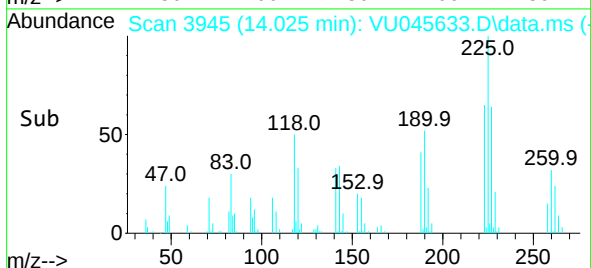
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

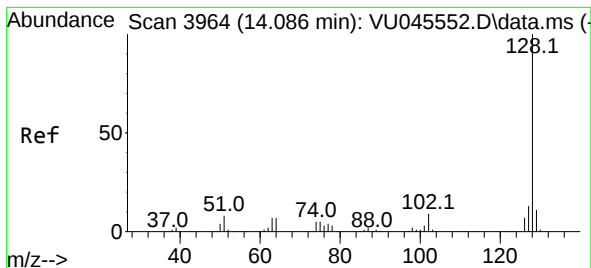


#94
Hexachlorobutadiene
Concen: 16.856 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045633.D
Acq: 08 Nov 2021 22:50



Tgt Ion:225 Resp: 19457
Ion Ratio Lower Upper
225 100
223 65.1 32.0 96.2
227 65.1 31.1 93.5





#95

Naphthalene

Concen: 19.637 ug/l

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBS02

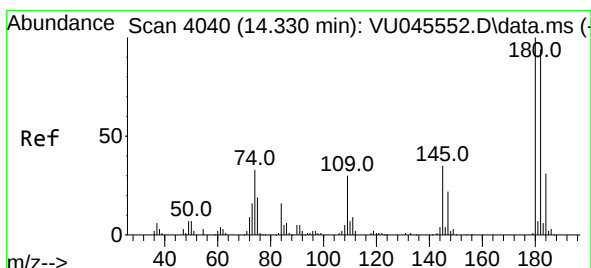
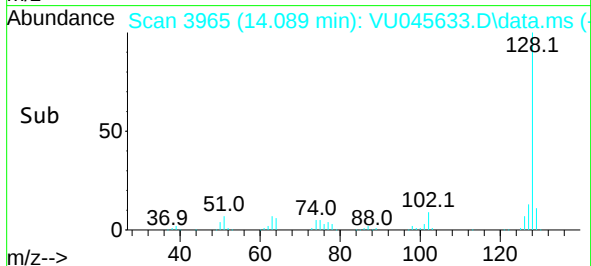
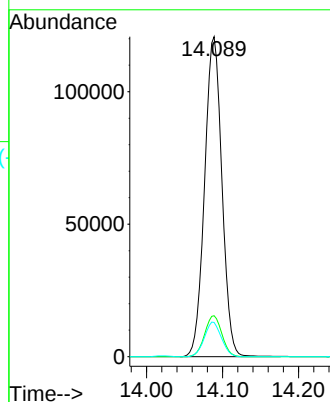
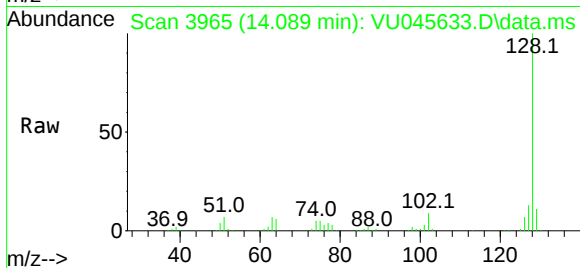
Tgt Ion:128	Resp:	19100
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.6 15.8
129	10.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#96

1,2,3-Trichlorobenzene

Concen: 20.092 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU045633.D

Acq: 08 Nov 2021 22:50

Tgt Ion:180	Resp:	53366
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.7 143.1
145	33.9	16.7 50.0

