

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045599.D
 Acq On : 06 Nov 2021 07:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 06 21:56:42 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	122397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	223963	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	218754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	114337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97109	52.977	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.960%			
35) Dibromofluoromethane	5.292	113	74124	49.572	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.140%			
50) Toluene-d8	7.899	98	283832	51.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.100%			
62) 4-Bromofluorobenzene	10.632	95	113487	50.900	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	83475	52.601	ug/l	99
3) Chloromethane	1.523	50	89848	49.483	ug/l	100
4) Vinyl Chloride	1.607	62	95094	53.763	ug/l	100
5) Bromomethane	1.848	94	58138	58.930	ug/l	99
6) Chloroethane	1.932	64	57658	49.950	ug/l	97
7) Trichlorofluoromethane	2.141	101	122093	52.200	ug/l	100
8) Diethyl Ether	2.379	74	47505	51.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	68798	50.374	ug/l	96
10) Methyl Iodide	2.726	142	79625	44.551	ug/l	92
11) Tert butyl alcohol	3.173	59	98671	271.958	ug/l	100
12) 1,1-Dichloroethene	2.581	96	69433	51.563	ug/l	98
13) Acrolein	2.488	56	16750	318.581	ug/l	98
14) Allyl chloride	2.925	41	123009	51.159	ug/l	98
15) Acrylonitrile	3.311	53	262699	271.192	ug/l	98
16) Acetone	2.623	43	202788	217.326	ug/l	99
17) Carbon Disulfide	2.797	76	190999	50.639	ug/l	100
18) Methyl Acetate	2.945	43	195099	61.387	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	258595	53.350	ug/l	98
20) Methylene Chloride	3.047	84	82436	50.844	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	75418	53.835	ug/l	98
22) Diisopropyl ether	3.996	45	253942	53.789	ug/l	92
23) Vinyl Acetate	3.957	43	945282	260.332	ug/l	100
24) 1,1-Dichloroethane	3.874	63	149410	53.108	ug/l	99
25) 2-Butanone	4.700	43	330640	255.482	ug/l	99
26) 2,2-Dichloropropane	4.668	77	97517	41.830	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	87717	53.310	ug/l	98
28) Bromochloromethane	4.977	49	70964	52.909	ug/l	99
29) Tetrahydrofuran	5.047	42	208400	263.255	ug/l	99
30) Chloroform	5.092	83	147503	53.013	ug/l	99
31) Cyclohexane	5.391	56	134531	50.300	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	129490	54.574	ug/l	97
36) 1,1-Dichloropropene	5.530	75	109386	50.090	ug/l	100
37) Ethyl Acetate	4.803	43	121938	48.609	ug/l	99
38) Carbon Tetrachloride	5.526	117	110548	50.212	ug/l	98
39) Methylcyclohexane	6.764	83	132683	49.525	ug/l	95
40) Benzene	5.777	78	319911	49.480	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	69365	52.324	ug/l	99
42) 1,2-Dichloroethane	5.797	62	119419	51.135	ug/l	100
43) Isopropyl Acetate	5.912	43	192791	50.246	ug/l	99
44) Trichloroethene	6.546	130	78289	50.586	ug/l	98
45) 1,2-Dichloropropane	6.793	63	88221	51.568	ug/l	98
46) Dibromomethane	6.919	93	60908	51.383	ug/l	99
47) Bromodichloromethane	7.108	83	118388	52.637	ug/l	97
48) Methyl methacrylate	6.960	41	92520	52.389	ug/l	97
49) 1,4-Dioxane	6.960	88	49263	1084.696	ug/l #	96
51) 4-Methyl-2-Pentanone	7.790	43	661461	261.336	ug/l	99
52) Toluene	7.970	92	207346	52.382	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	131116	50.724	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	139741	50.897	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	85905	52.364	ug/l	99
56) Ethyl methacrylate	8.333	69	139094	47.402	ug/l	98
57) 1,3-Dichloropropane	8.578	76	150699	51.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	354081	234.441	ug/l	99
59) 2-Hexanone	8.684	43	512216	233.100	ug/l	99
60) Dibromochloromethane	8.812	129	89184	52.208	ug/l	100
61) 1,2-Dibromoethane	8.925	107	89996	51.149	ug/l	100
64) Tetrachloroethene	8.555	164	65278	51.992	ug/l	97
65) Chlorobenzene	9.449	112	216642	50.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	78832	51.440	ug/l	98
67) Ethyl Benzene	9.571	91	402845	52.352	ug/l	99
68) m/p-Xylenes	9.697	106	308679	106.367	ug/l	100
69) o-Xylene	10.102	106	149679	53.052	ug/l	99
70) Styrene	10.115	104	259436	54.354	ug/l	99
71) Bromoform	10.291	173	67694	46.875	ug/l #	99
73) Isopropylbenzene	10.484	105	398791	53.381	ug/l	99
74) N-amyl acetate	10.320	43	173425	51.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	151315	51.122	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	129080m	37.227	ug/l	
77) Bromobenzene	10.783	156	93578	51.591	ug/l	97
78) n-propylbenzene	10.906	91	487425	52.422	ug/l	99
79) 2-Chlorotoluene	10.986	91	288890	52.589	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	345012	52.858	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	44678	42.678	ug/l	97
82) 4-Chlorotoluene	11.099	91	335973	52.150	ug/l	99
83) tert-Butylbenzene	11.420	119	329290	52.923	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	348860	53.777	ug/l	99
85) sec-Butylbenzene	11.645	105	436894	52.944	ug/l	100
86) p-Isopropyltoluene	11.793	119	360894	52.336	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	183408	50.116	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	186012	50.255	ug/l	99
89) n-Butylbenzene	12.208	91	338257	50.922	ug/l	100
90) Hexachloroethane	12.478	117	63839	51.319	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	183851	51.635	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	36909	52.847	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	124294	50.487	ug/l	97
94) Hexachlorobutadiene	14.021	225	50123	47.166	ug/l	99
95) Naphthalene	14.086	128	468559	50.613	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	126942	51.912	ug/l	99

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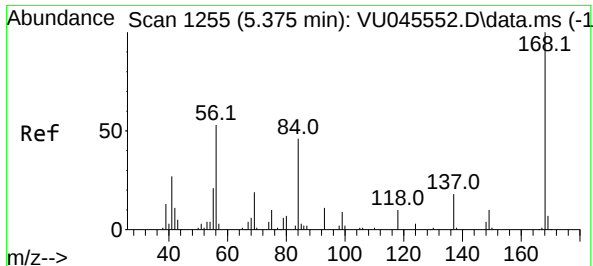
Manual Integrations
APPROVED

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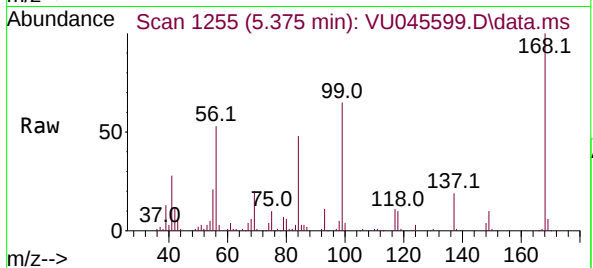
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045599.D
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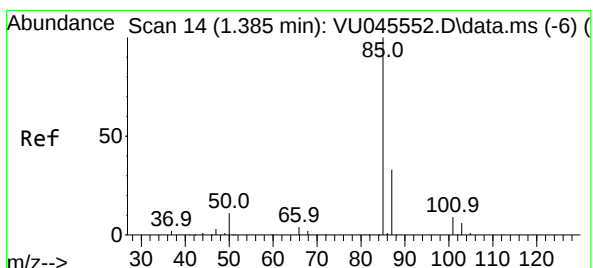
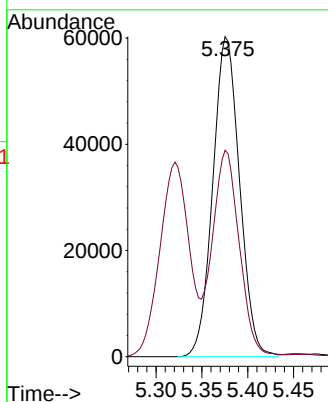
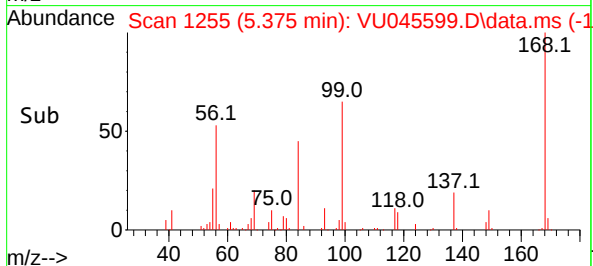
Instrument :
MSVOA_U
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Tgt Ion:168 Resp: 12239
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6

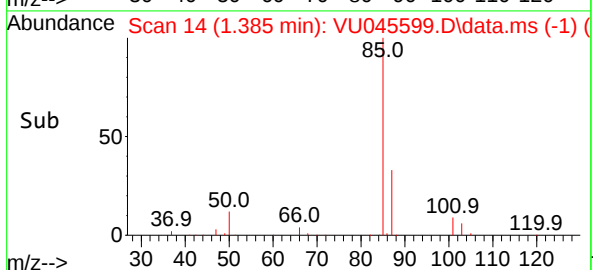
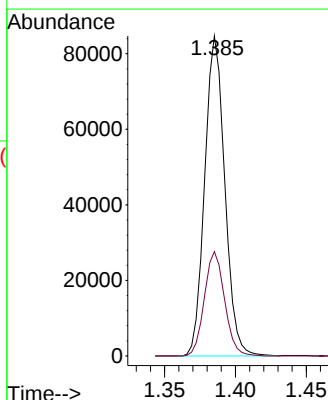
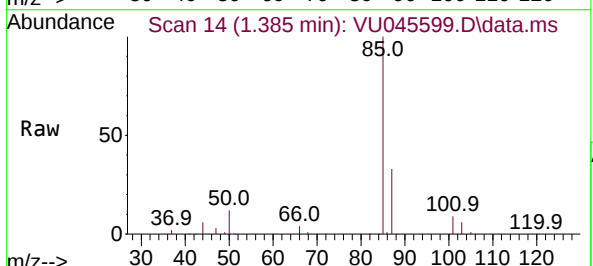
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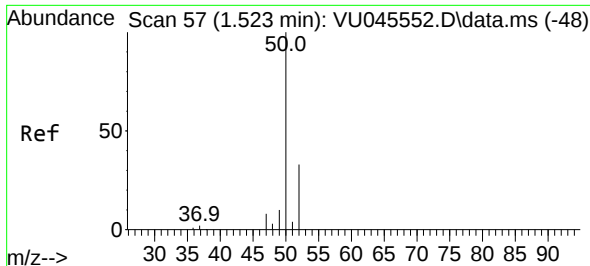
Reviewed By :John Carlone 11/08/2021
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#2
Dichlorodifluoromethane
Concen: 52.601 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

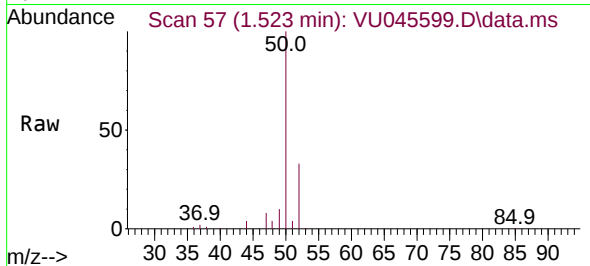
Tgt Ion: 85 Resp: 83475
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.7





#3
Chloromethane
Concen: 49.483 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

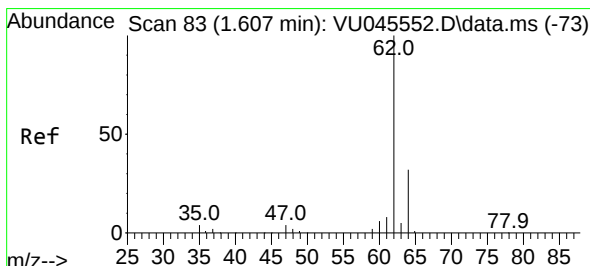
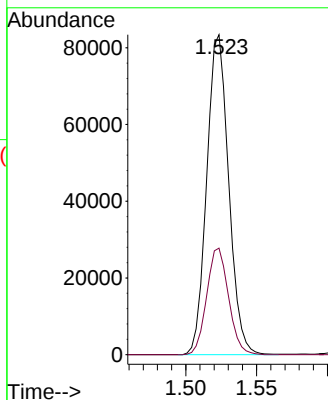
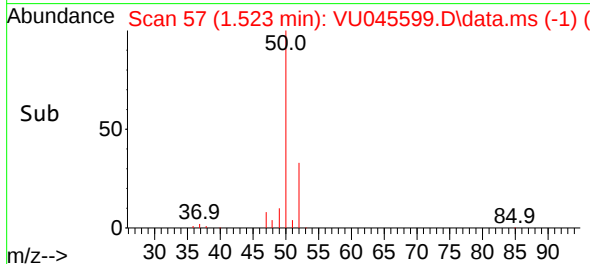
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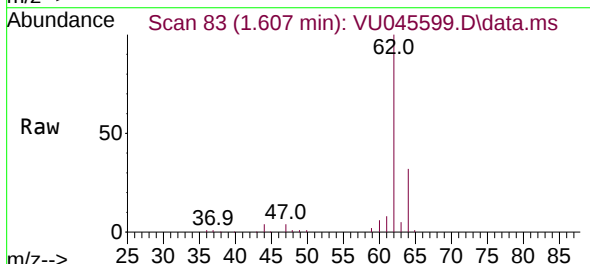
Tgt Ion: 50 Resp: 89848
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

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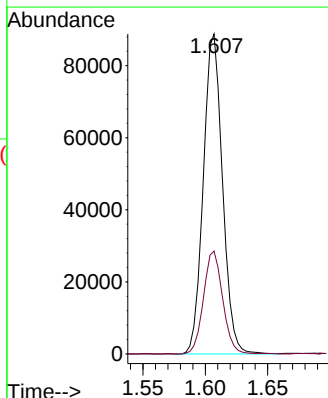
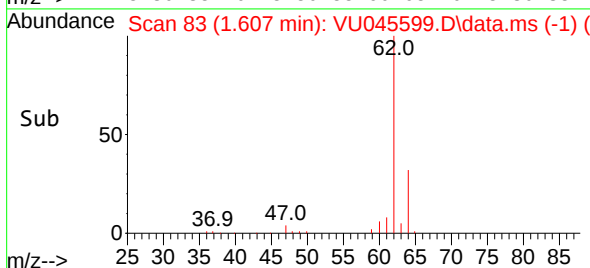
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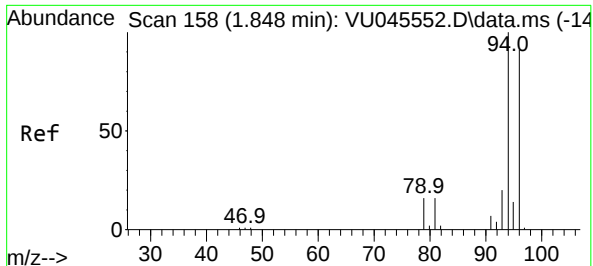


#4
Vinyl Chloride
Concen: 53.763 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28



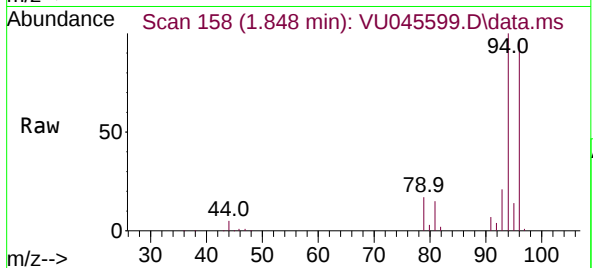
Tgt Ion: 62 Resp: 95094
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 58.930 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

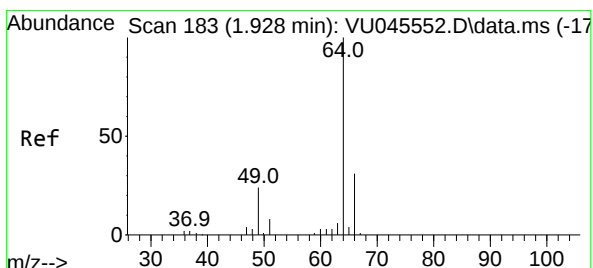
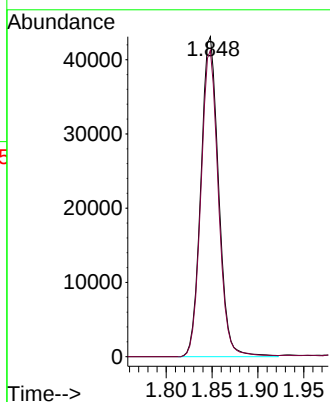
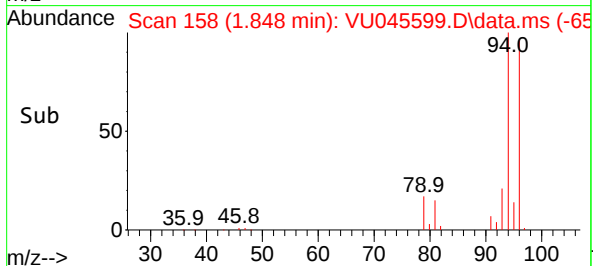
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Tgt Ion: 94 Resp: 58138
Ion Ratio Lower Upper
94 100
96 95.7 75.4 113.2

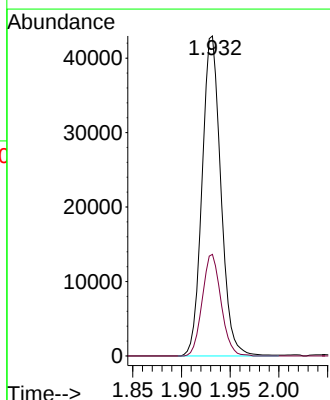
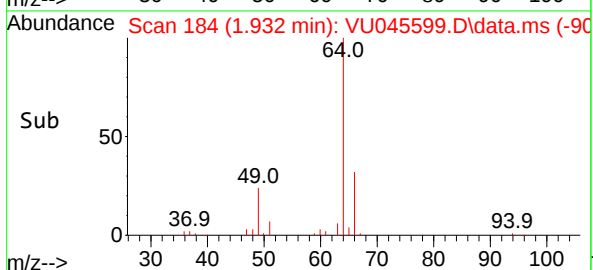
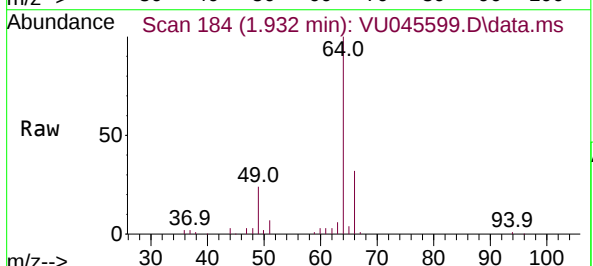
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#6
Chloroethane
Concen: 49.950 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

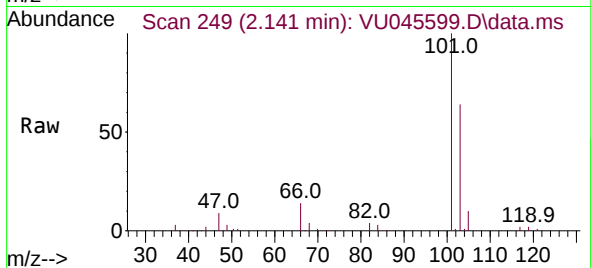
Tgt Ion: 64 Resp: 57658
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 52.200 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU045599.D
 Acq: 06 Nov 2021 07:28

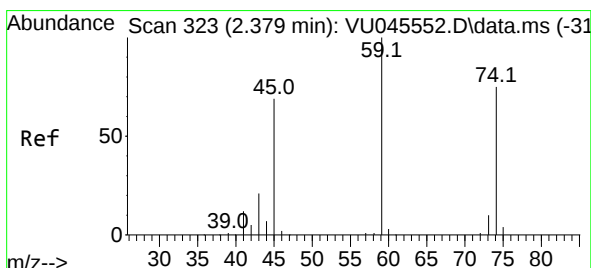
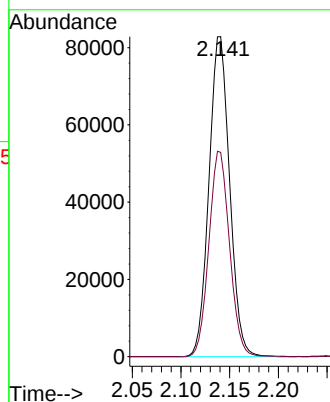
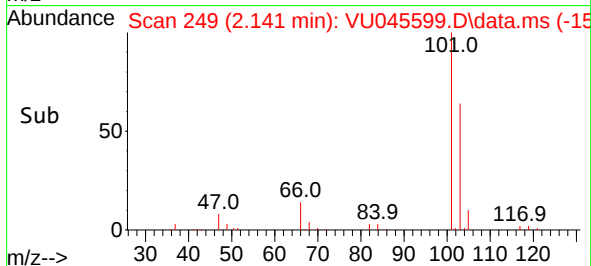
Instrument :
 MSVOA_U
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Tgt Ion:101 Resp: 122091
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0

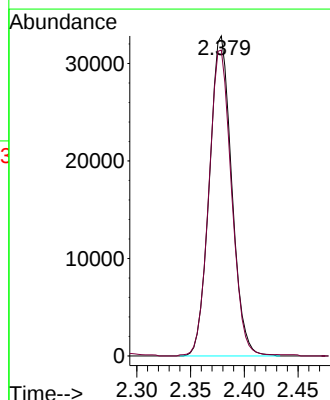
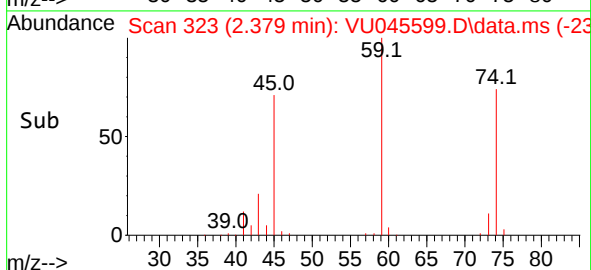
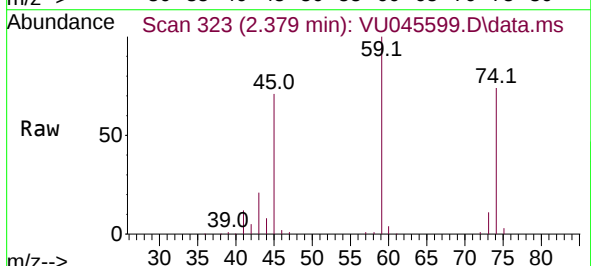
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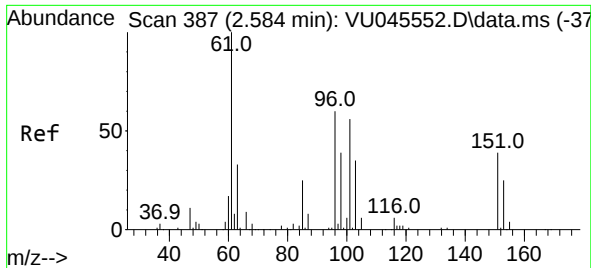
Reviewed By :John Carlone 11/08/2021
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#8
 Diethyl Ether
 Concen: 51.310 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 47505
 Ion Ratio Lower Upper
 74 100
 45 96.9 47.3 141.8





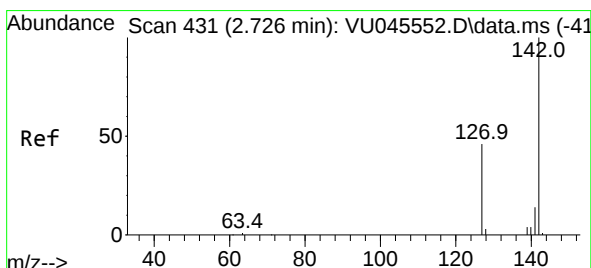
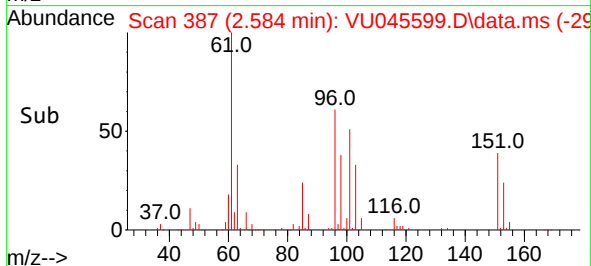
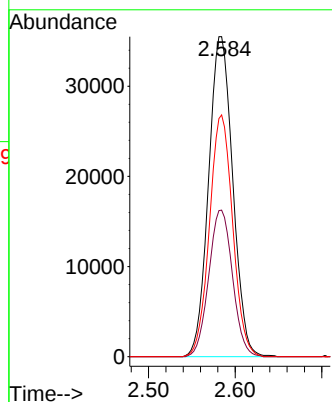
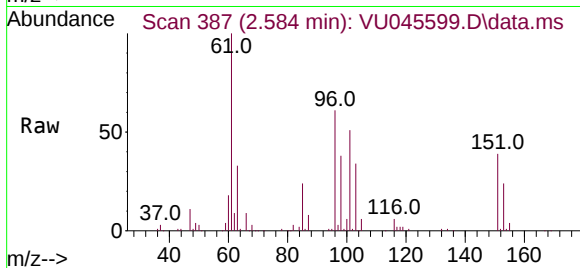
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.374 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045599.D
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Tgt Ion:101 Resp: 68798
Ion Ratio Lower Upper
101 100
85 44.9 35.0 52.4
151 72.7 54.6 82.0

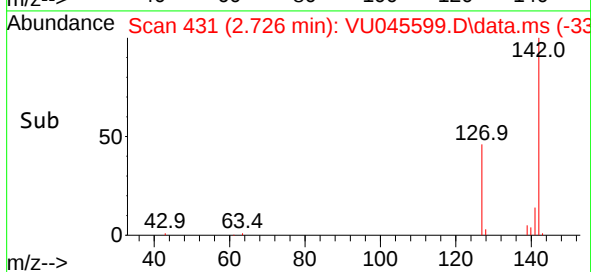
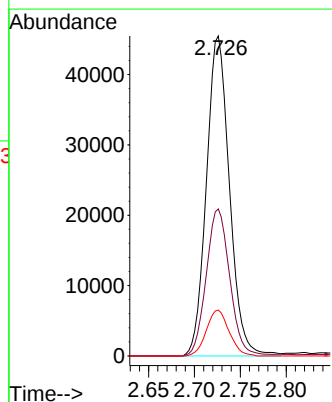
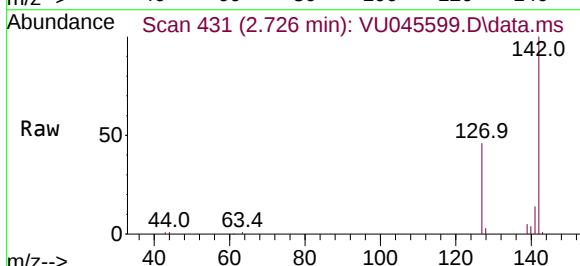
Manual Integrations
APPROVED

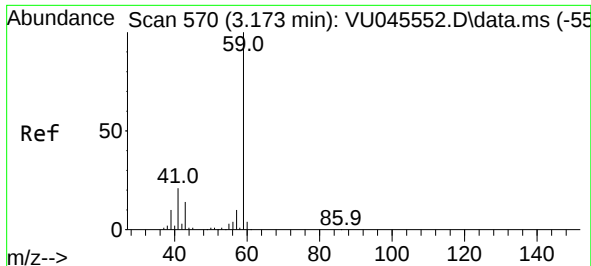
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#10
Methyl Iodide
Concen: 44.551 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

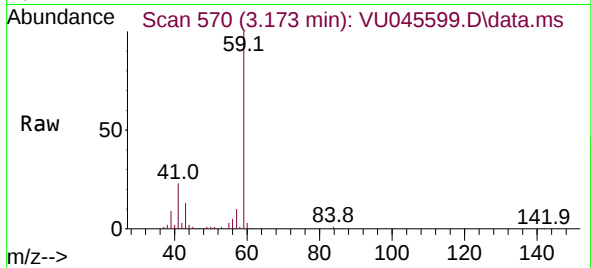
Tgt Ion:142 Resp: 79625
Ion Ratio Lower Upper
142 100
127 46.7 32.2 48.2
141 14.2 11.3 16.9





#11
Tert butyl alcohol
Concen: 271.958 ug/l
RT: 3.173 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

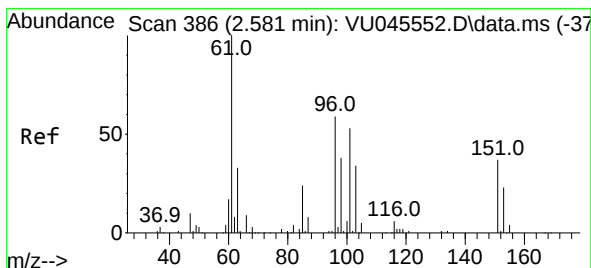
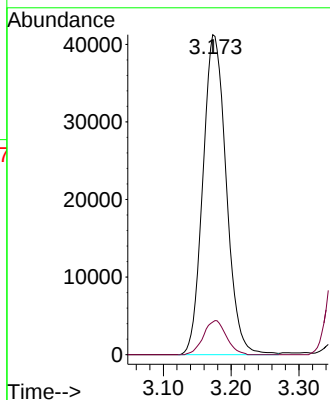
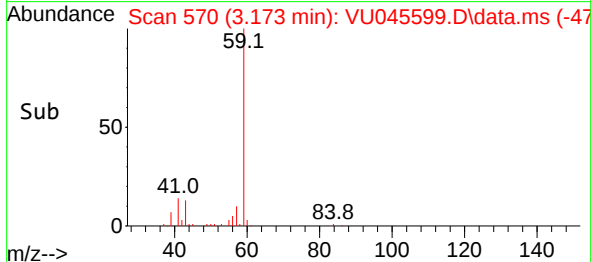
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 9867
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

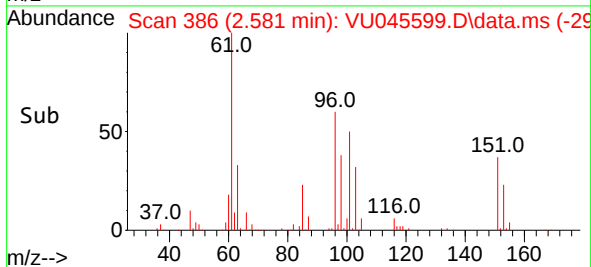
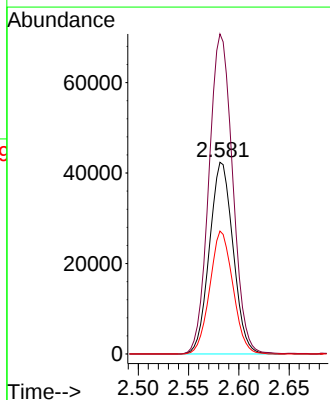
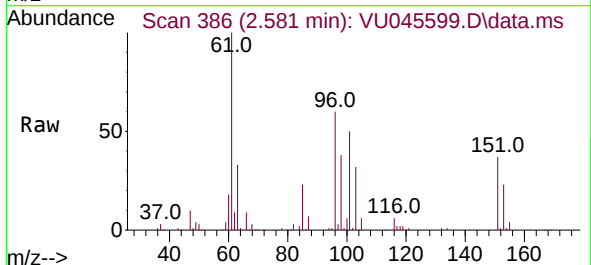
Manual Integrations
APPROVED

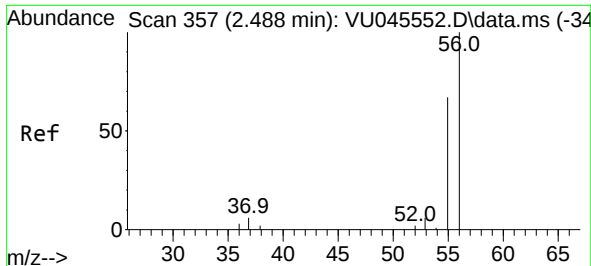
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#12
1,1-Dichloroethene
Concen: 51.563 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

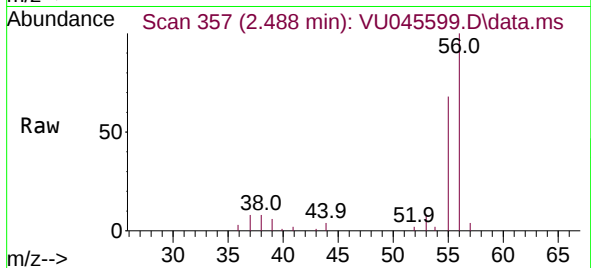
Tgt Ion: 96 Resp: 69433
Ion Ratio Lower Upper
96 100
61 167.0 137.1 205.7
98 64.1 51.5 77.3





#13
Acrolein
Concen: 318.581 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

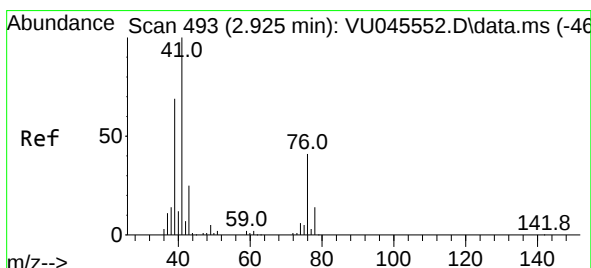
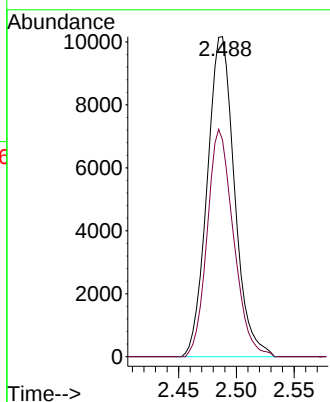
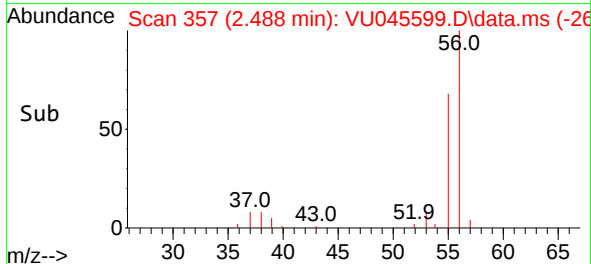
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16750
Ion Ratio Lower Upper
56 100
55 68.4 56.3 84.5

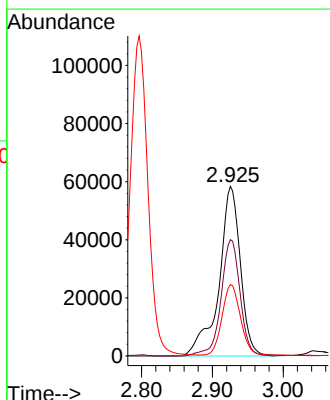
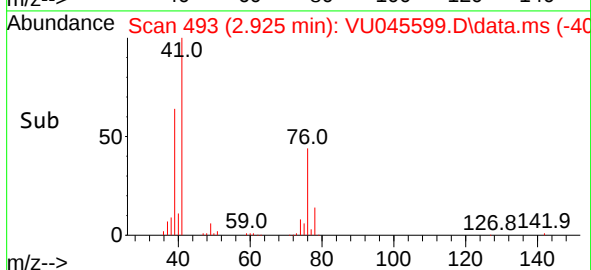
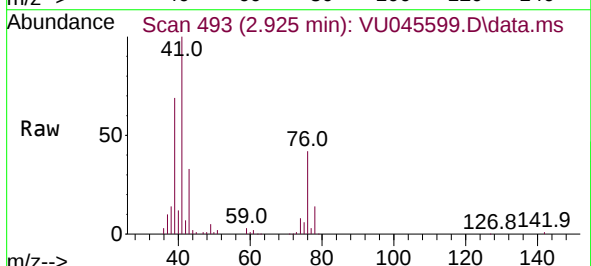
Manual Integrations
APPROVED

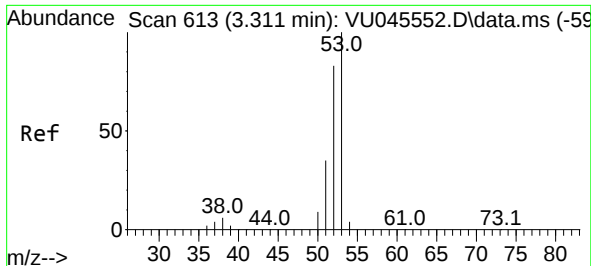
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#14
Allyl chloride
Concen: 51.159 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

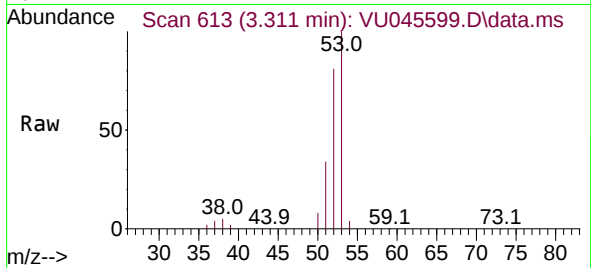
Tgt Ion: 41 Resp: 123009
Ion Ratio Lower Upper
41 100
39 60.7 49.7 74.5
76 36.2 27.7 41.5





#15
Acrylonitrile
Concen: 271.192 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

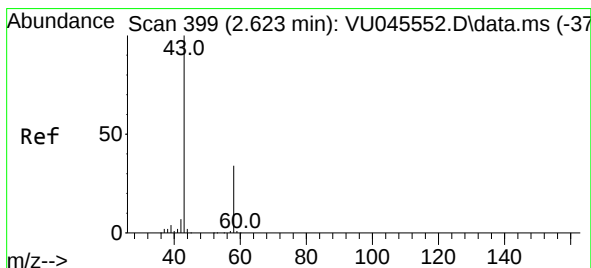
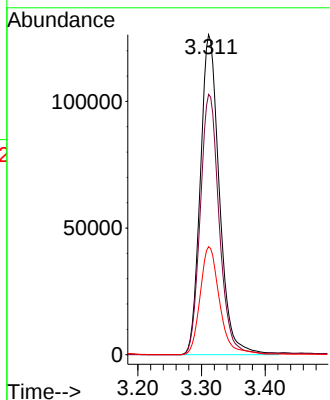
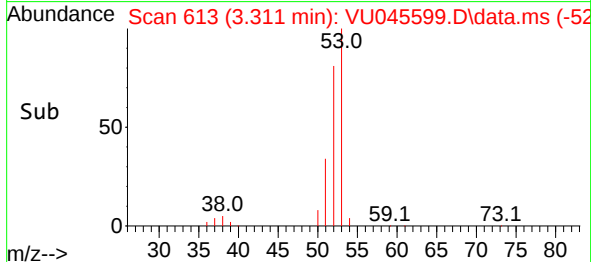
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 262699
Ion Ratio Lower Upper
53 100
52 80.8 66.6 100.0
51 34.4 28.4 42.6

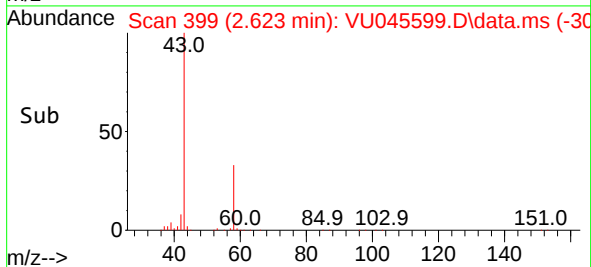
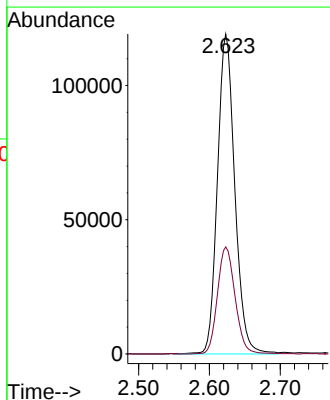
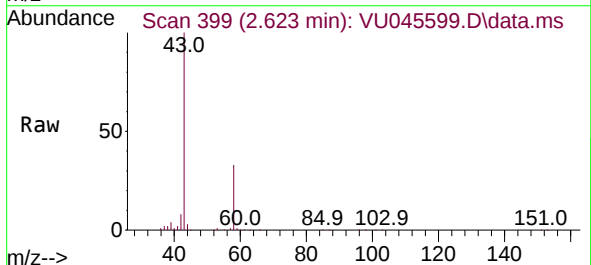
Manual Integrations
APPROVED

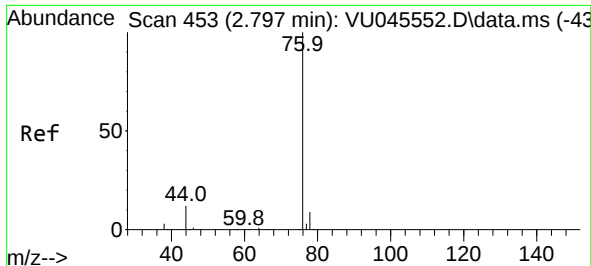
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#16
Acetone
Concen: 217.326 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

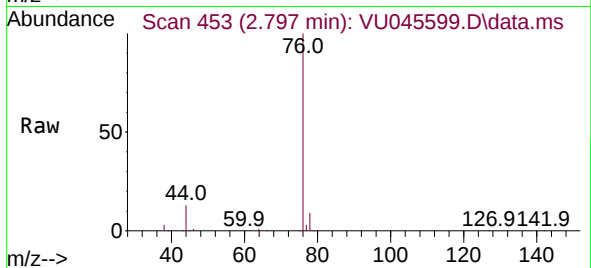
Tgt Ion: 43 Resp: 202788
Ion Ratio Lower Upper
43 100
58 33.3 26.2 39.2





#17
Carbon Disulfide
Concen: 50.639 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

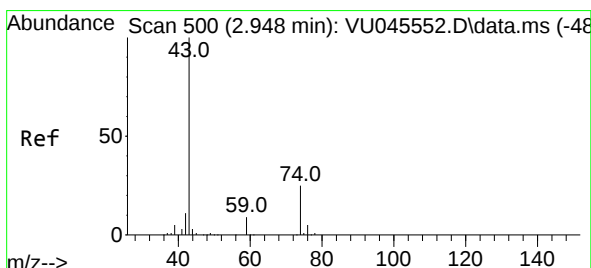
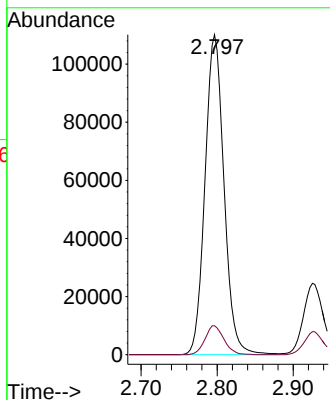
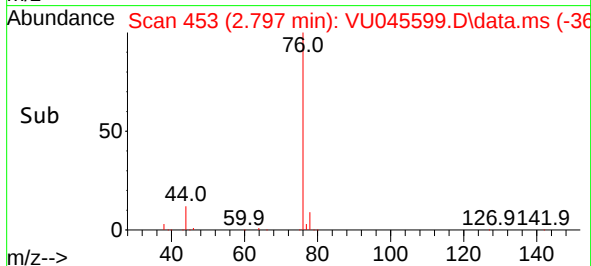
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



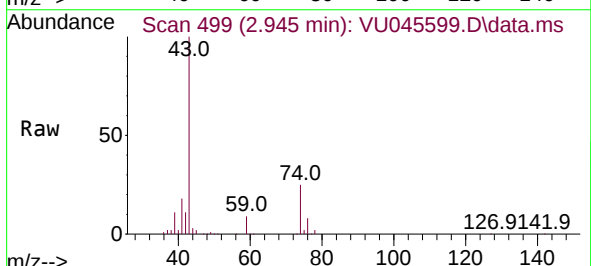
Tgt Ion: 76 Resp: 190999
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

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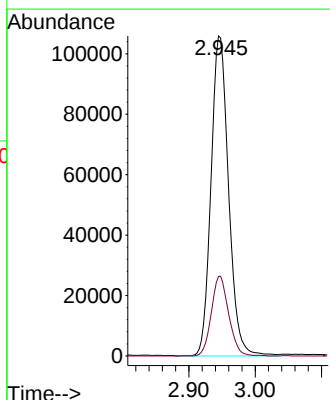
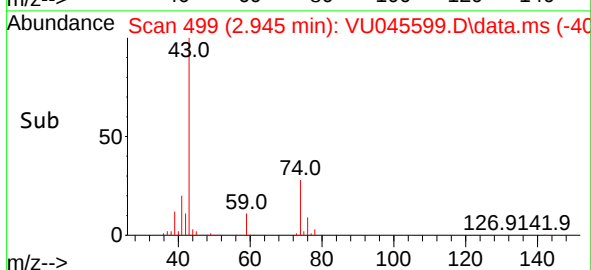
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

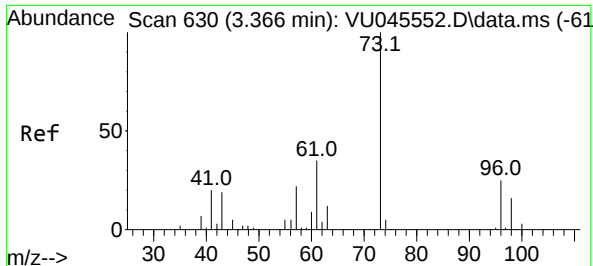


#18
Methyl Acetate
Concen: 61.387 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28



Tgt Ion: 43 Resp: 195099
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 53.350 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 25859

Ion Ratio Lower Upper

73 100

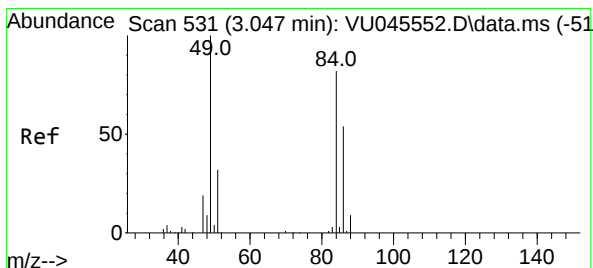
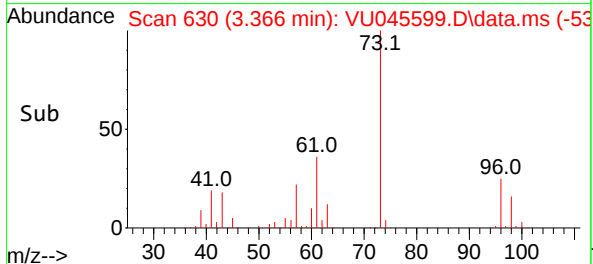
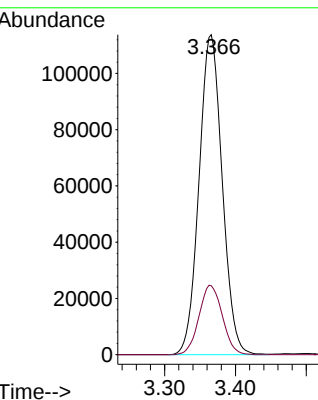
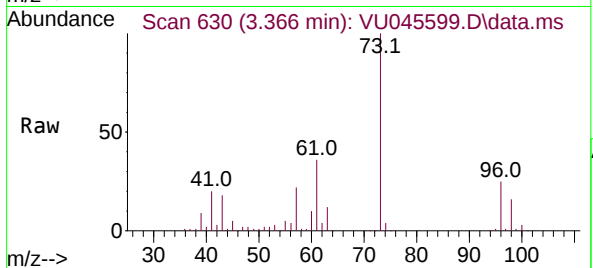
57 21.5 18.1 27.1

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#20

Methylene Chloride

Concen: 50.844 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Tgt Ion: 84 Resp: 82436

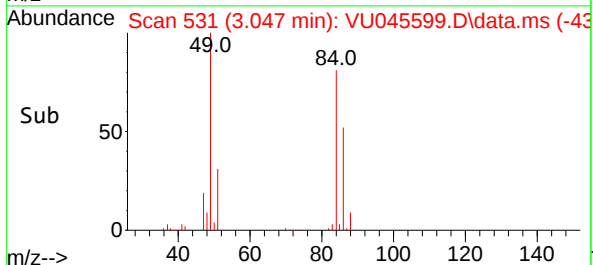
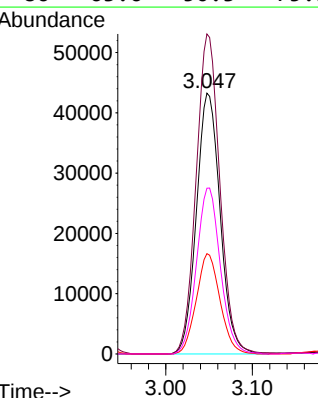
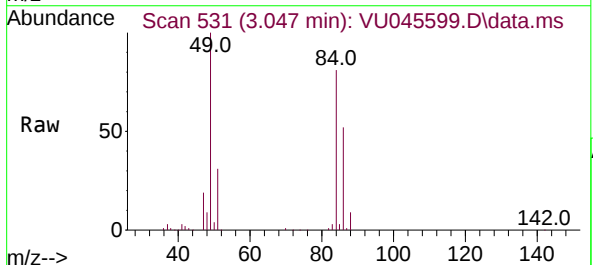
Ion Ratio Lower Upper

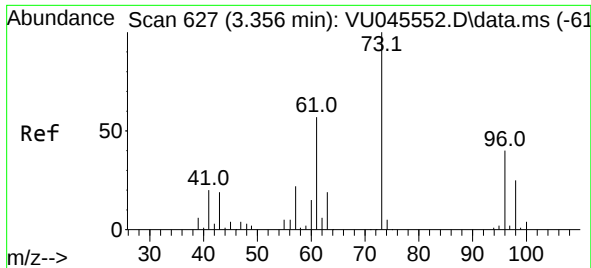
84 100

49 122.7 96.4 144.6

51 38.5 30.5 45.7

86 63.6 50.3 75.5





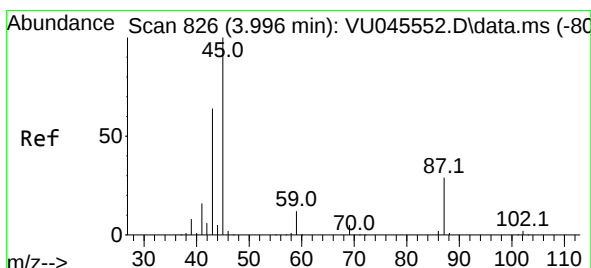
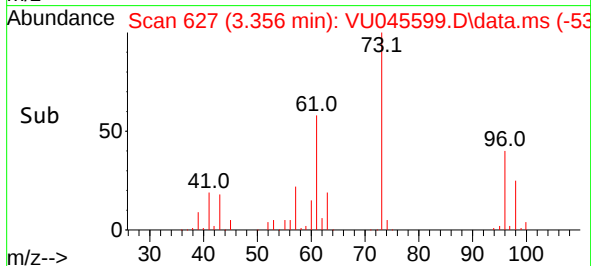
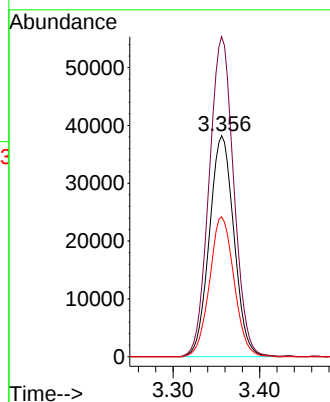
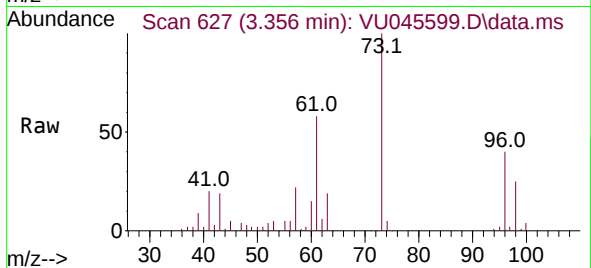
#21
trans-1,2-Dichloroethene
Concen: 53.835 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 75418
Ion Ratio Lower Upper
96 100
61 144.8 118.2 177.4
98 63.3 52.1 78.1

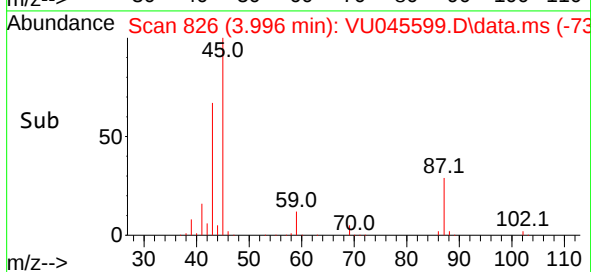
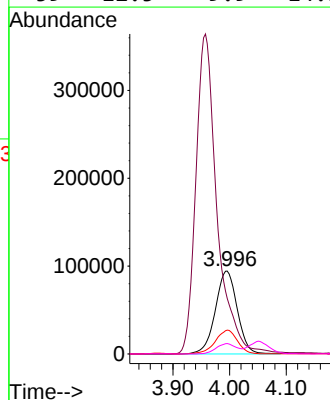
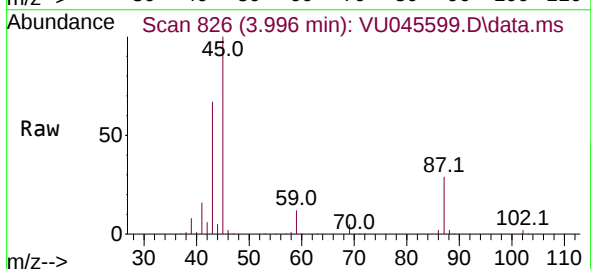
Manual Integrations
APPROVED

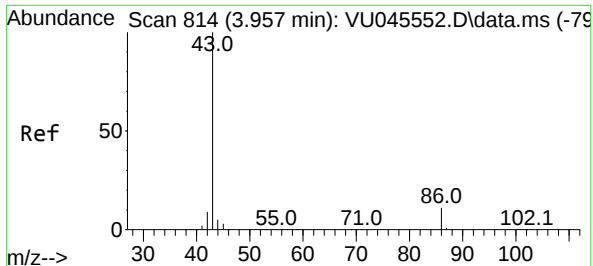
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#22
Diisopropyl ether
Concen: 53.789 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

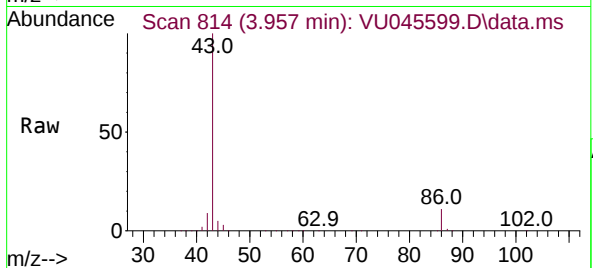
Tgt Ion: 45 Resp: 253942
Ion Ratio Lower Upper
45 100
43 65.0 60.0 90.0
87 28.9 22.3 33.5
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 260.332 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045599.D
 Acq: 06 Nov 2021 07:28

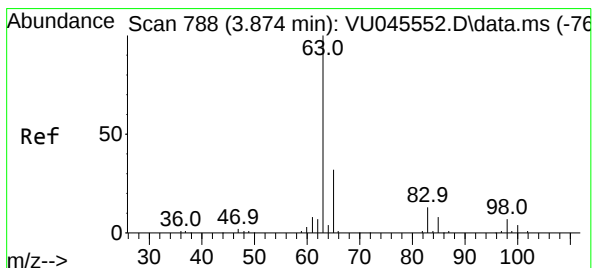
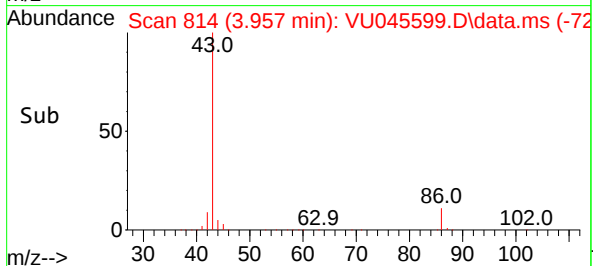
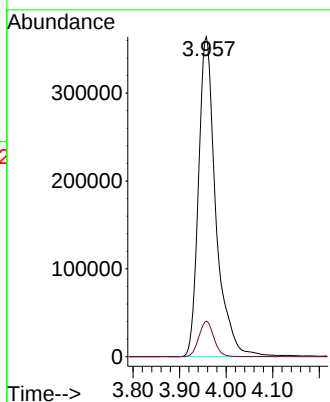
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 94528
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

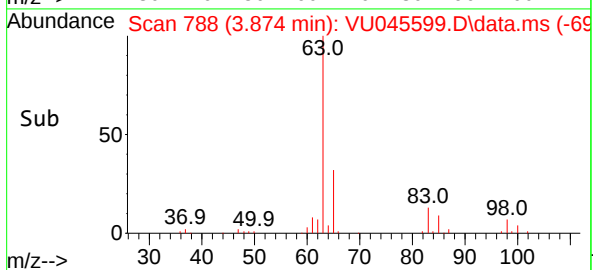
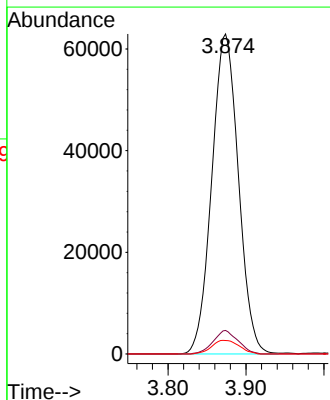
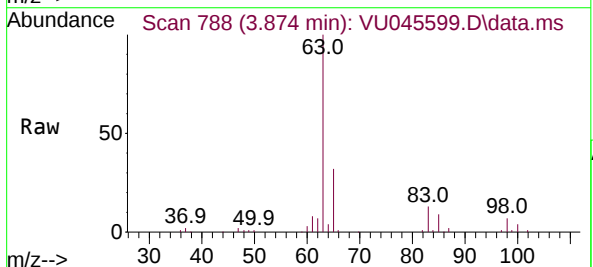
Manual Integrations
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Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021



#24
 1,1-Dichloroethane
 Concen: 53.108 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045599.D
 Acq: 06 Nov 2021 07:28

Tgt Ion: 63 Resp: 149410
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 255.482 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 330640

Ion Ratio Lower Upper

43 100

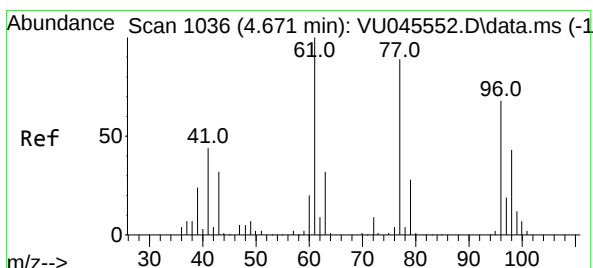
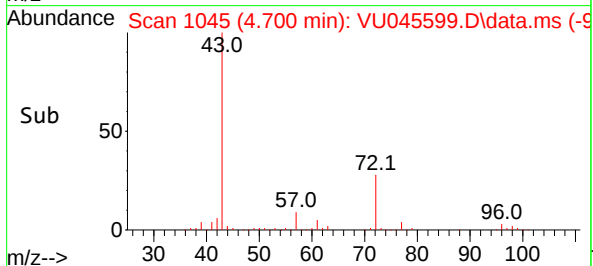
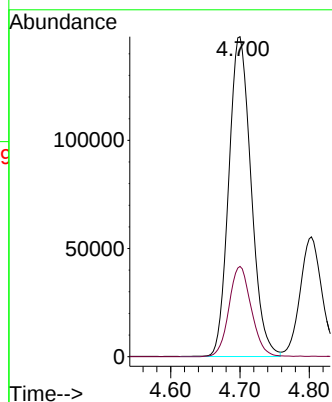
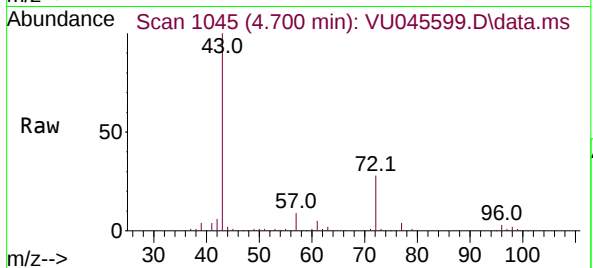
72 28.2 22.0 33.0

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#26

2,2-Dichloropropane

Concen: 41.830 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045599.D

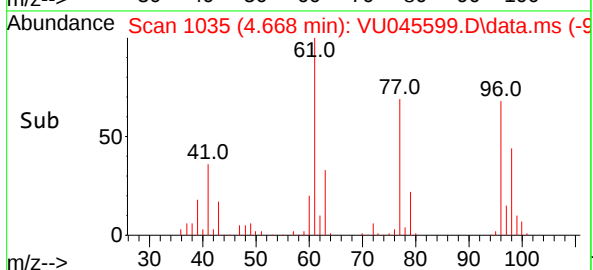
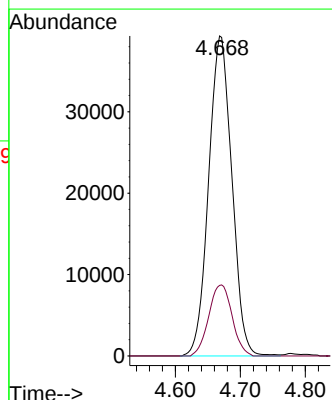
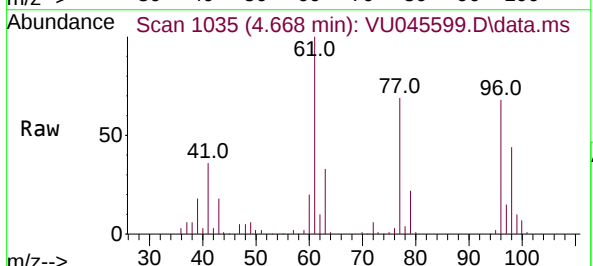
Acq: 06 Nov 2021 07:28

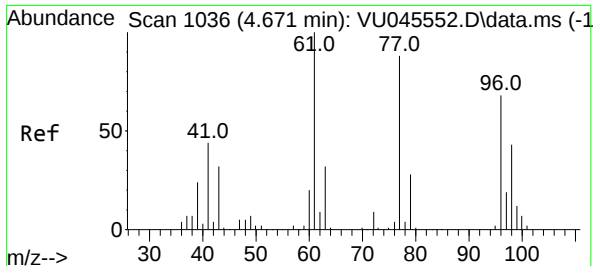
Tgt Ion: 77 Resp: 97517

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





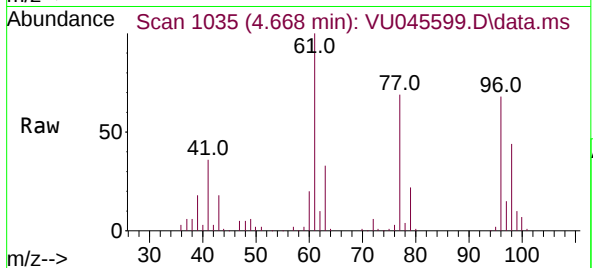
#27
 cis-1,2-Dichloroethene
 Concen: 53.310 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045599.D
 Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

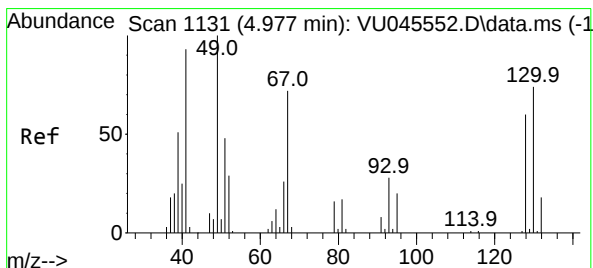
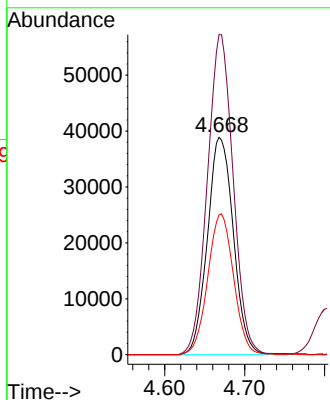
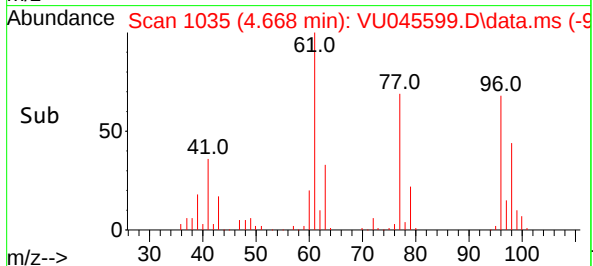


Tgt Ion: 96 Resp: 8771
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 299.2
 98 64.3 0.0 127.6

Manual Integrations

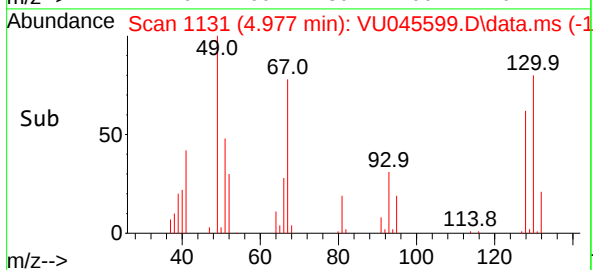
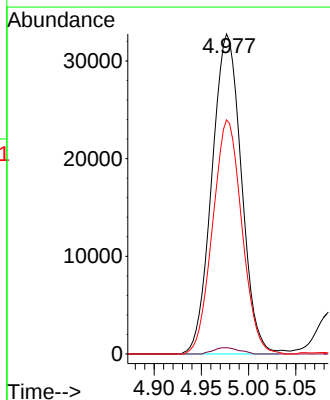
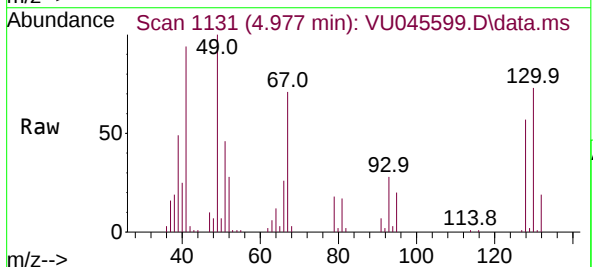
APPROVED

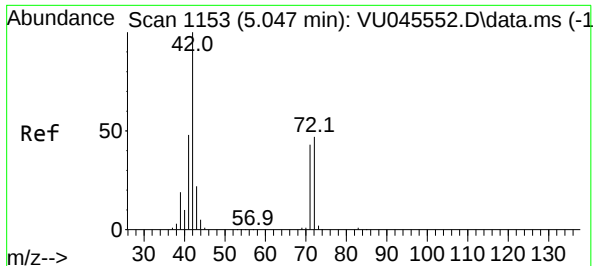
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021



#28
 Bromochloromethane
 Concen: 52.909 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045599.D
 Acq: 06 Nov 2021 07:28

Tgt Ion: 49 Resp: 70964
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 72.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 263.255 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 208400

Ion Ratio Lower Upper

42 100

72 48.4 38.2 57.4

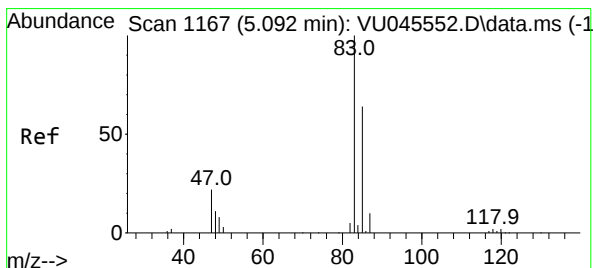
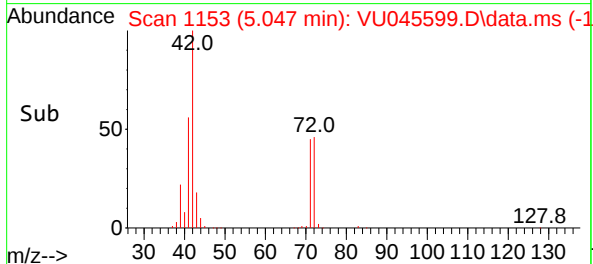
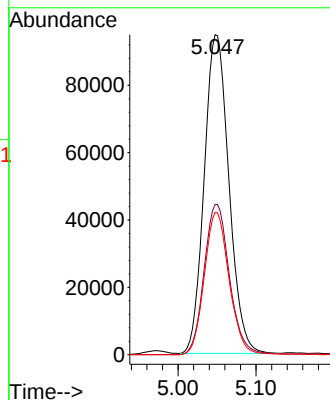
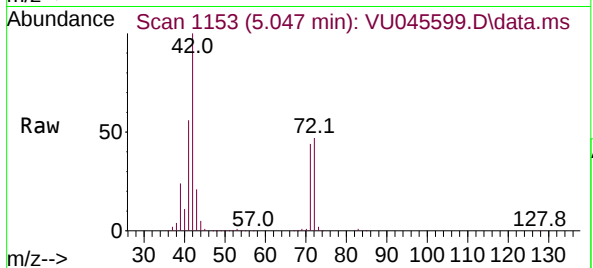
71 44.9 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#30

Chloroform

Concen: 53.013 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045599.D

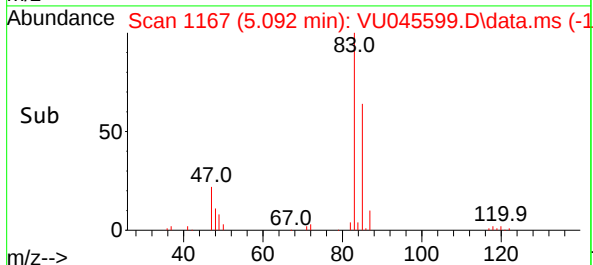
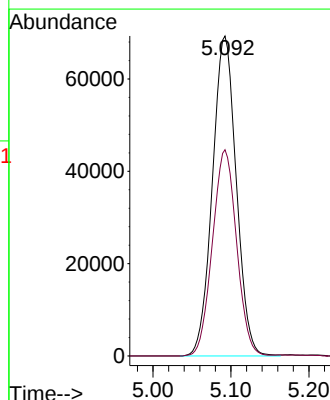
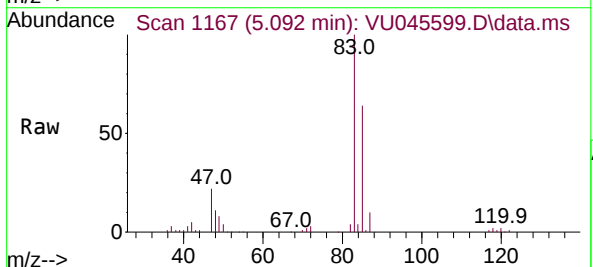
Acq: 06 Nov 2021 07:28

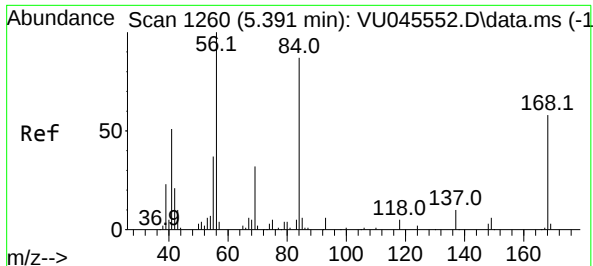
Tgt Ion: 83 Resp: 147503

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0





#31

Cyclohexane

Concen: 50.300 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 13453

Ion Ratio Lower Upper

56 100

69 33.2 26.4 39.6

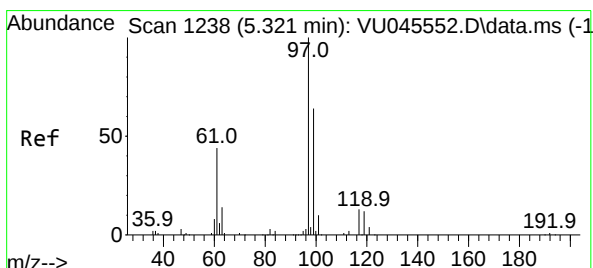
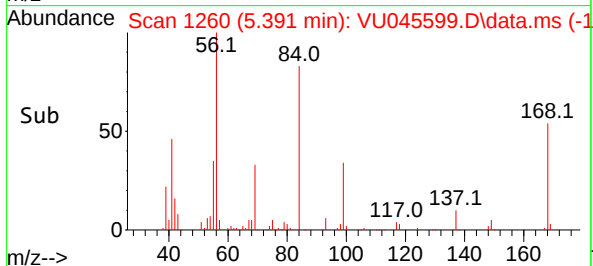
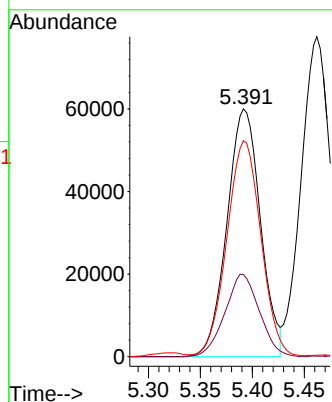
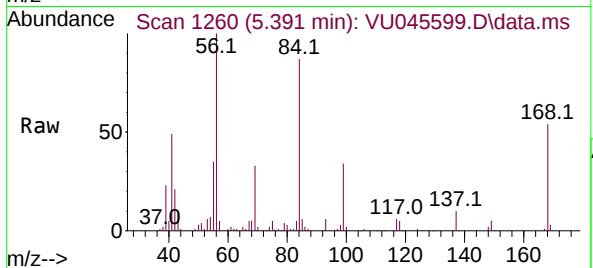
84 86.0 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#32

1,1,1-Trichloroethane

Concen: 54.574 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

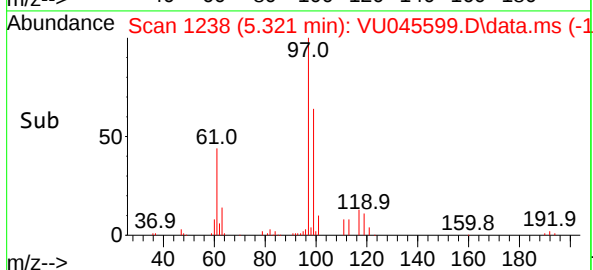
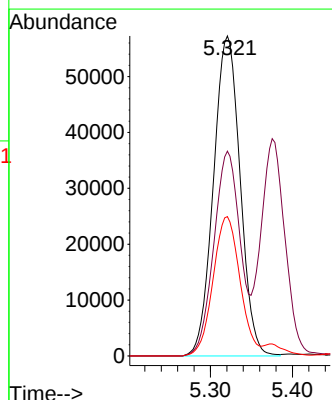
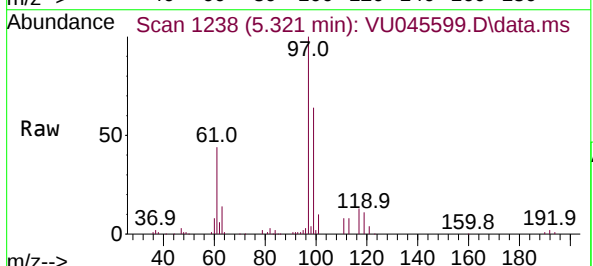
Tgt Ion: 97 Resp: 129490

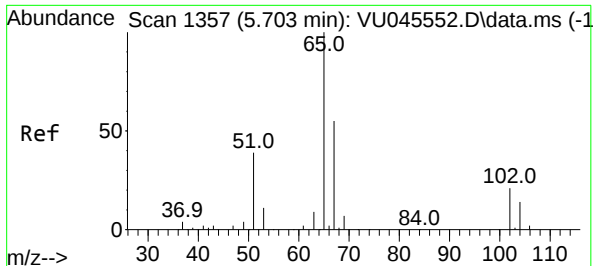
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 44.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.977 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 97109

Ion Ratio Lower Upper

65 100

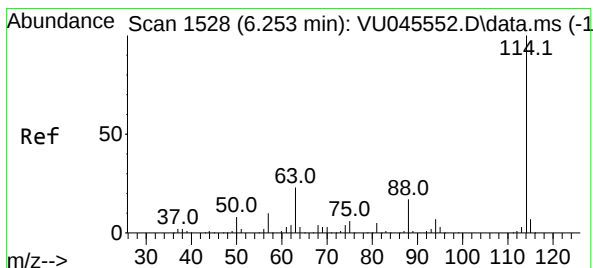
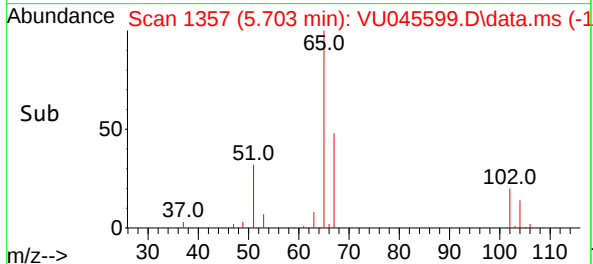
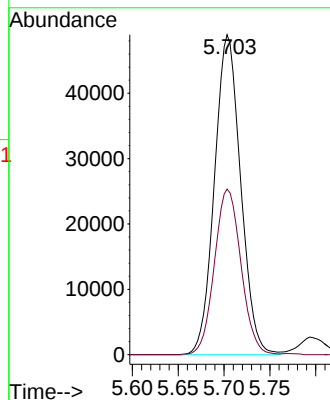
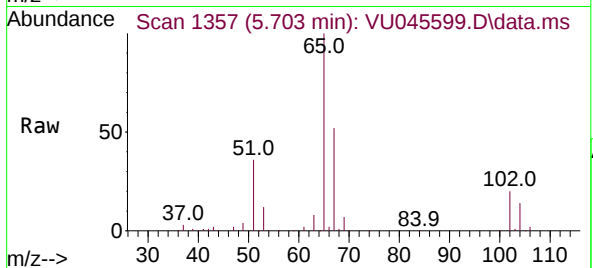
67 52.6 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

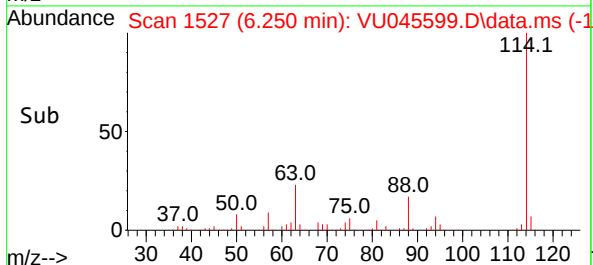
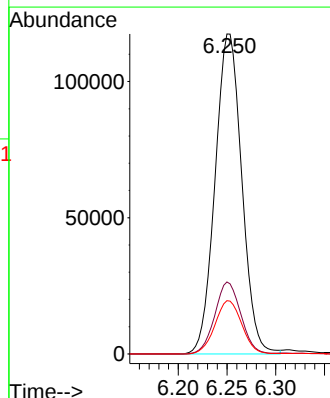
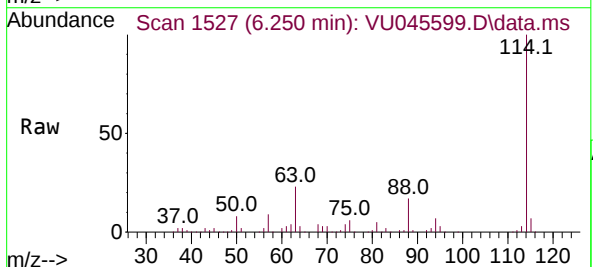
Tgt Ion:114 Resp: 223963

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

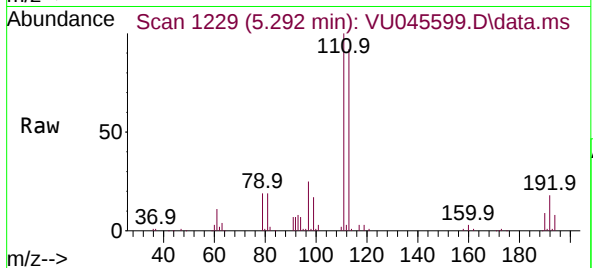
88 16.7 0.0 33.8





#35
Dibromofluoromethane
Concen: 49.572 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

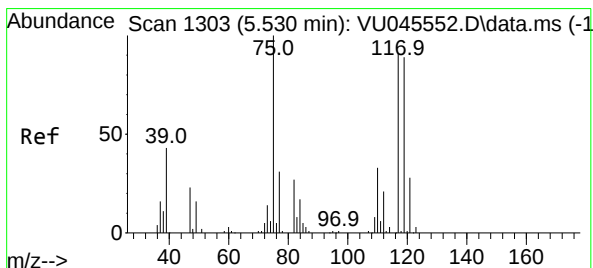
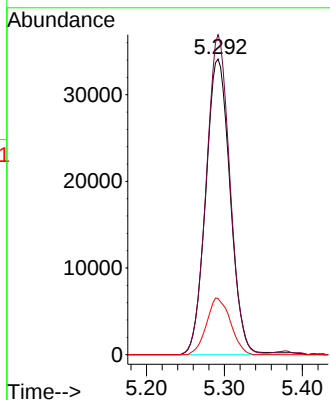
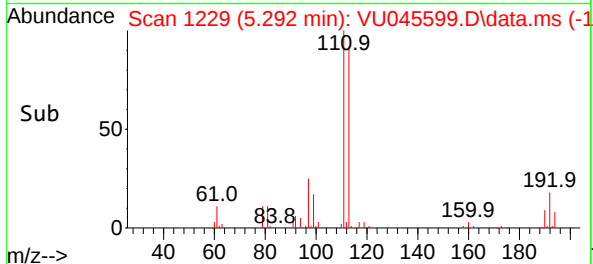
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



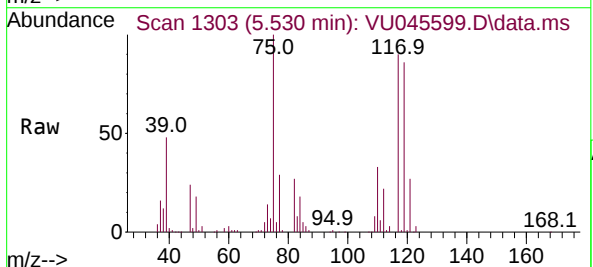
Tgt Ion:113 Resp: 74124
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 18.8 14.8 22.2

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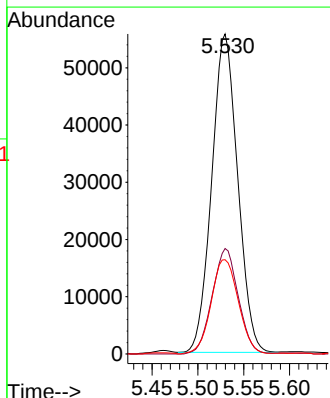
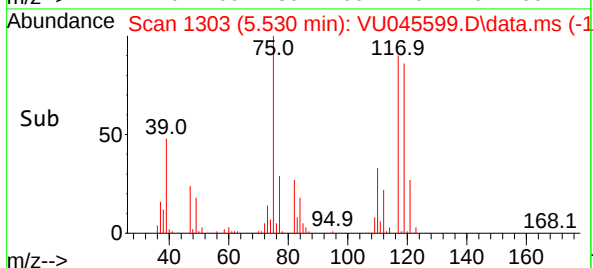
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

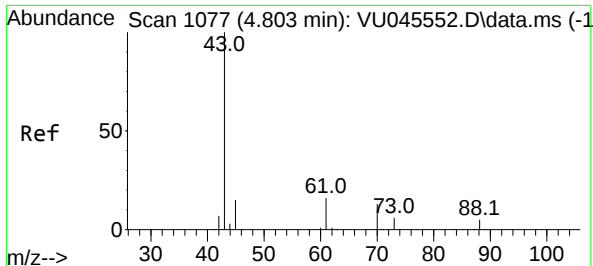


#36
1,1-Dichloropropene
Concen: 50.090 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28



Tgt Ion: 75 Resp: 109386
Ion Ratio Lower Upper
75 100
110 33.2 16.7 50.0
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 48.609 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 121938

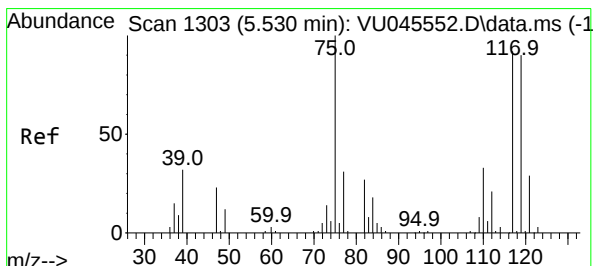
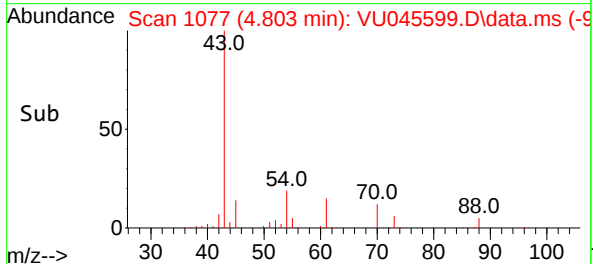
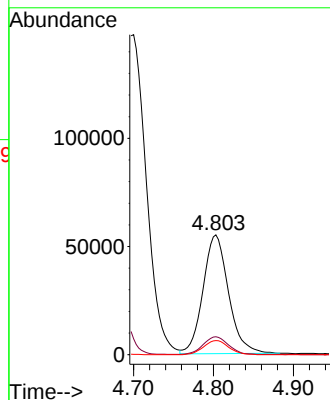
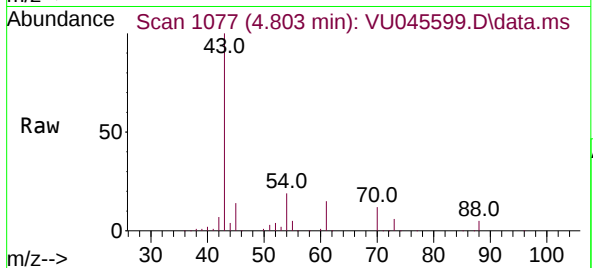
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	11.7	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#38

Carbon Tetrachloride

Concen: 50.212 ug/l

RT: 5.526 min Scan# 1302

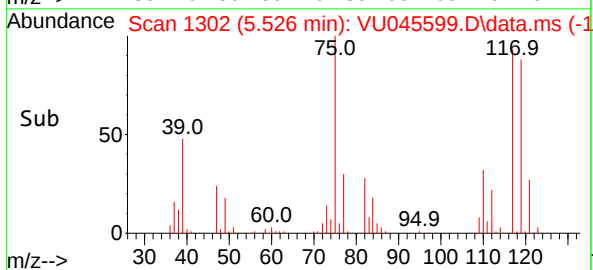
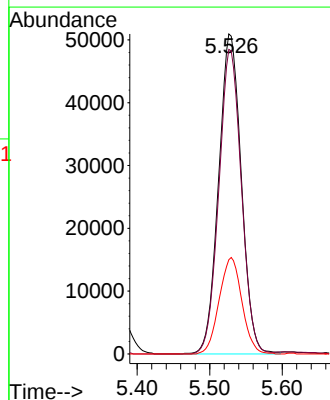
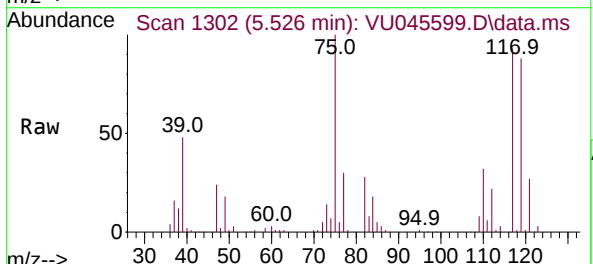
Delta R.T. -0.003 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Tgt Ion: 117 Resp: 110548

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
121	29.4	24.8	37.2





#39

Methylcyclohexane

Concen: 49.525 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13268

Ion Ratio Lower Upper

83 100

55 73.5 63.6 95.4

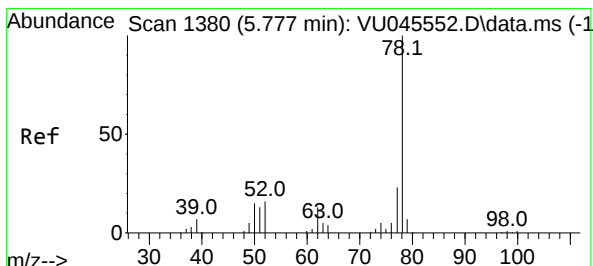
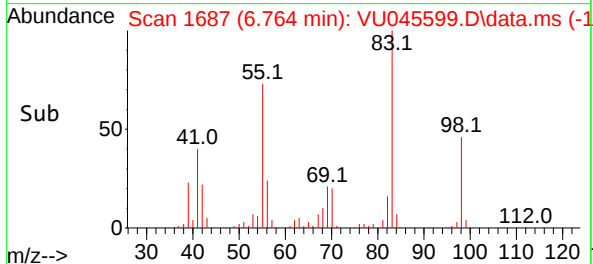
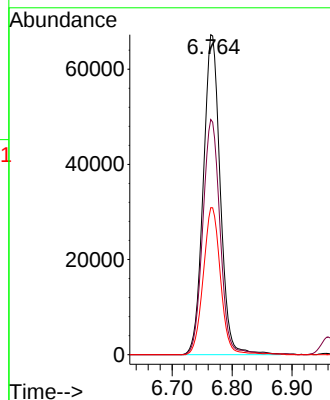
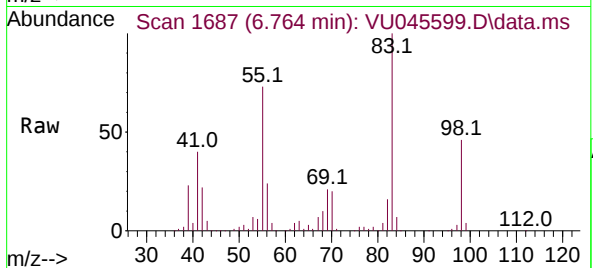
98 46.0 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#40

Benzene

Concen: 49.480 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045599.D

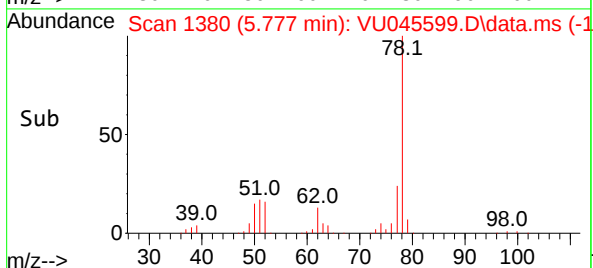
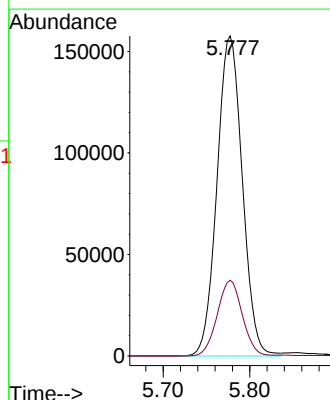
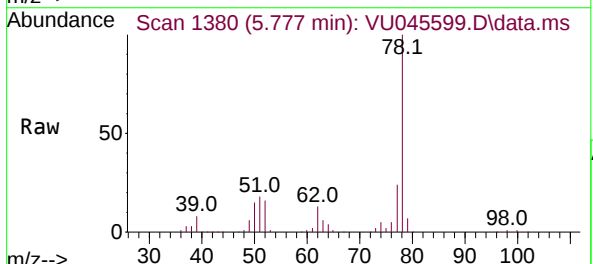
Acq: 06 Nov 2021 07:28

Tgt Ion: 78 Resp: 319911

Ion Ratio Lower Upper

78 100

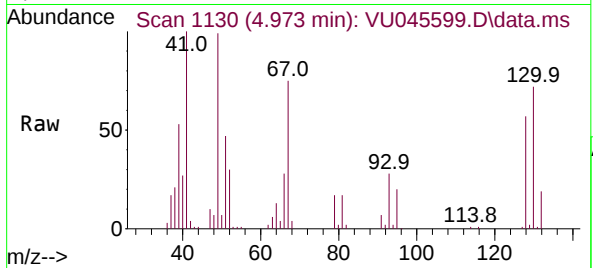
77 23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 52.324 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

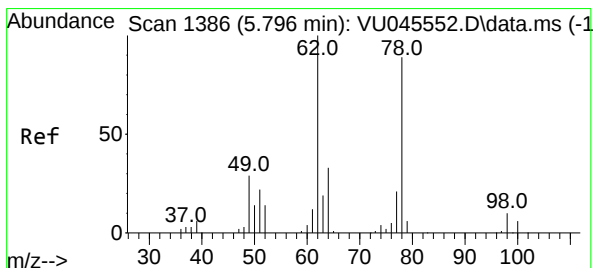
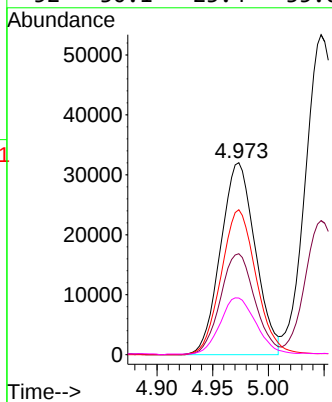
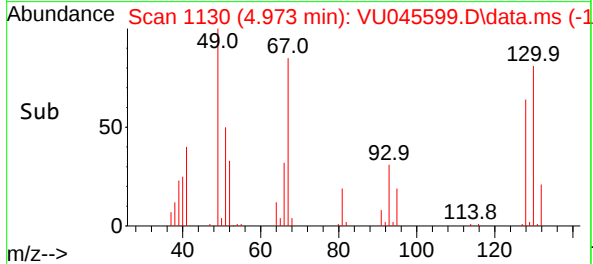
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6936
Ion Ratio Lower Upper
41 100
39 52.7 43.4 65.0
67 76.6 61.0 91.4
52 30.1 23.4 35.0

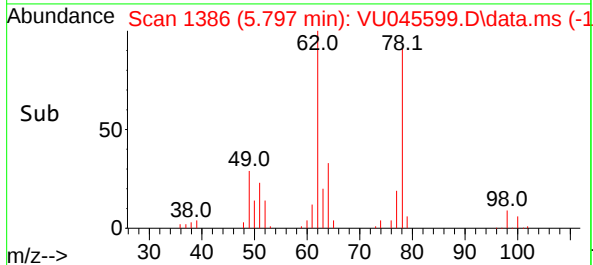
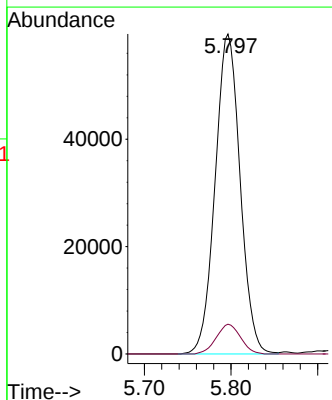
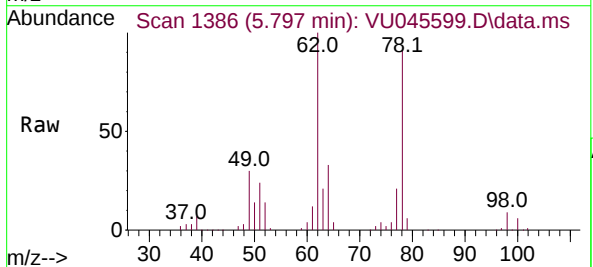
Manual Integrations
APPROVED

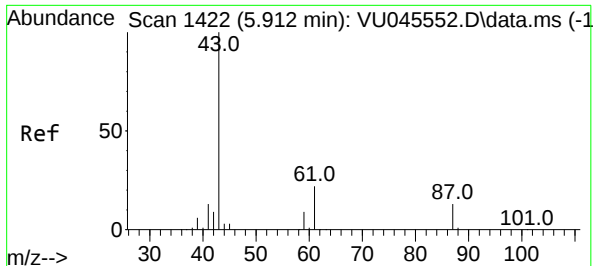
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#42
1,2-Dichloroethane
Concen: 51.135 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Tgt Ion: 62 Resp: 119419
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4





#43

Isopropyl Acetate

Concen: 50.246 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 19279

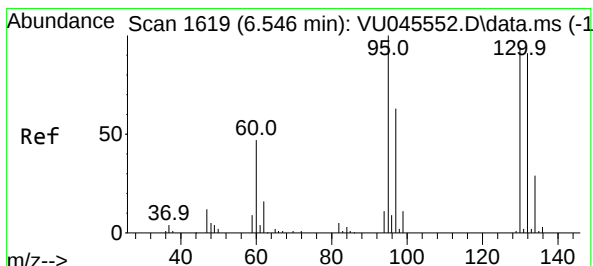
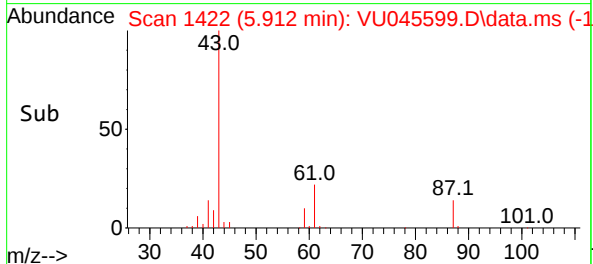
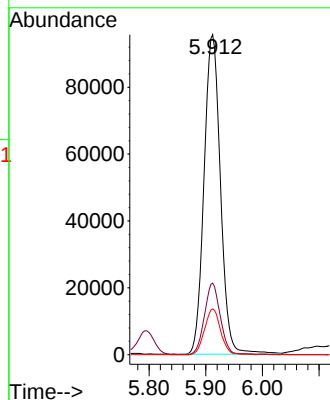
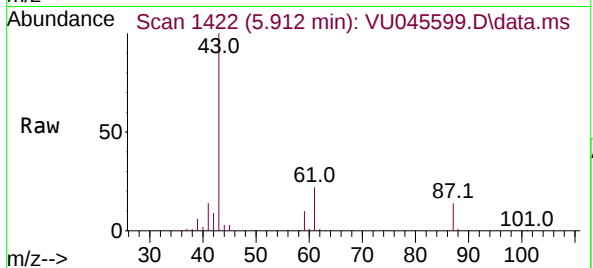
Ion	Ratio	Lower	Upper
43	100		
61	21.7	16.9	25.3
87	14.0	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#44

Trichloroethene

Concen: 50.586 ug/l

RT: 6.546 min Scan# 1619

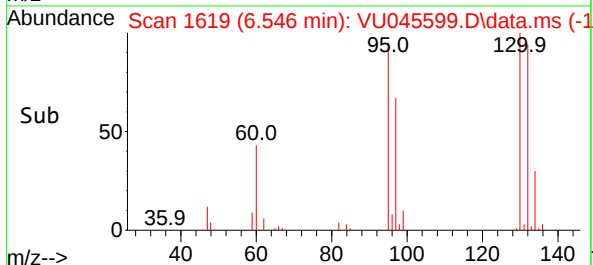
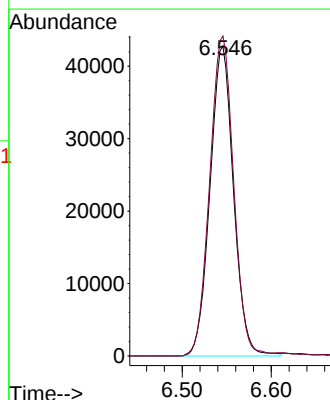
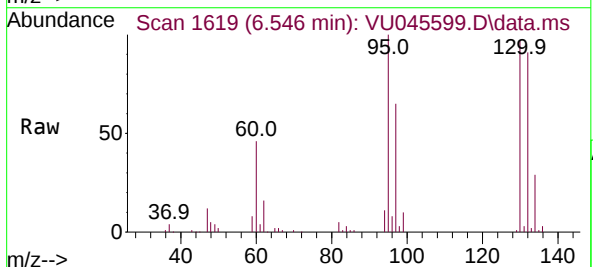
Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Tgt Ion:130 Resp: 78289

Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	211.4





#45

1,2-Dichloropropane

Concen: 51.568 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8822

Ion Ratio Lower Upper

63 100

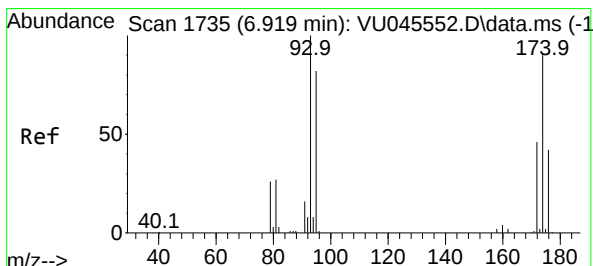
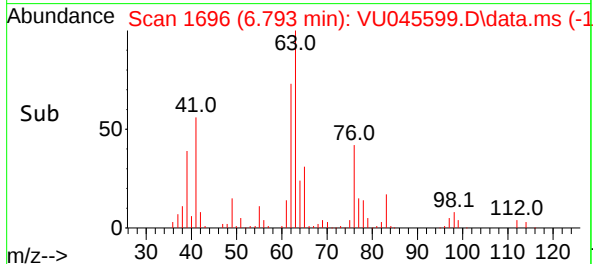
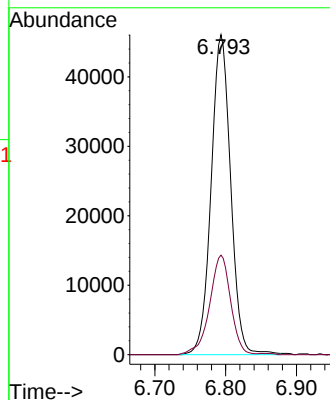
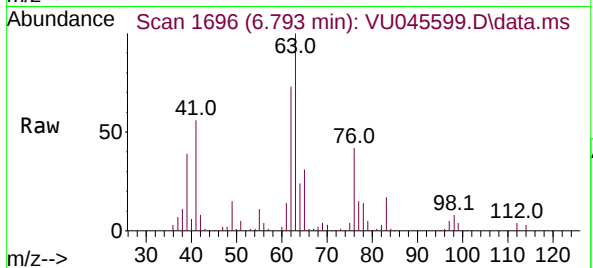
65 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#46

Dibromomethane

Concen: 51.383 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

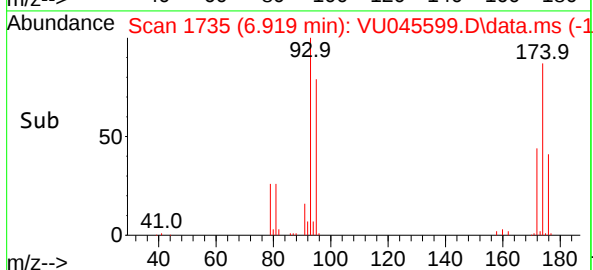
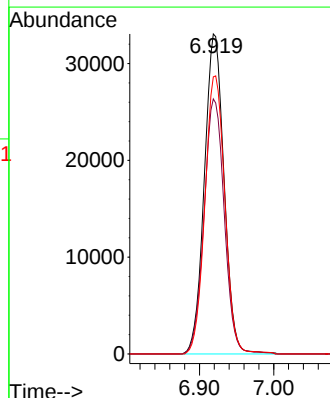
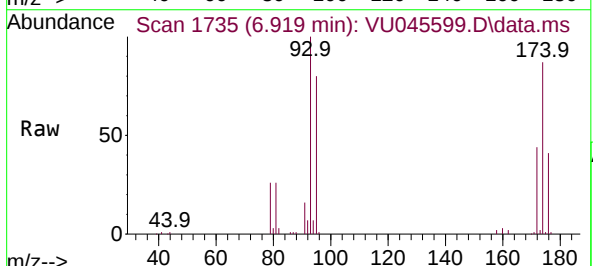
Tgt Ion: 93 Resp: 60908

Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

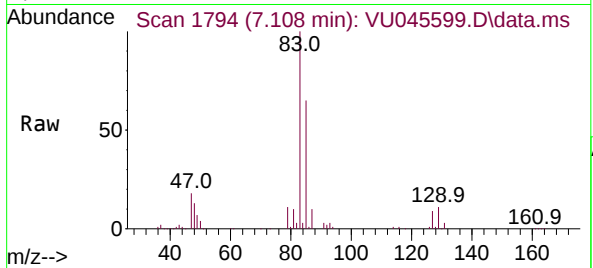
174 88.1 71.0 106.6





#47
Bromodichloromethane
Concen: 52.637 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

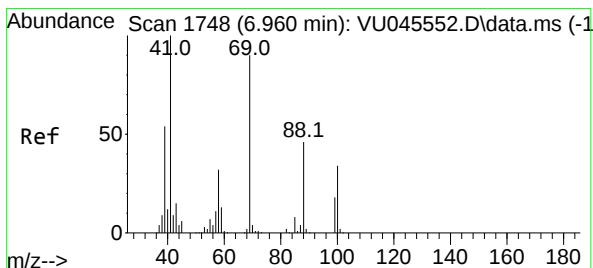
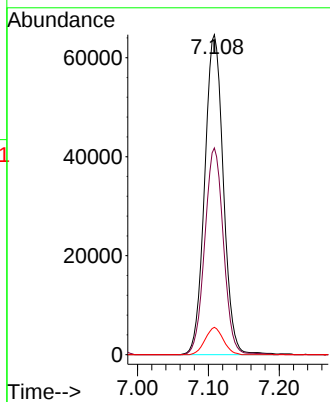
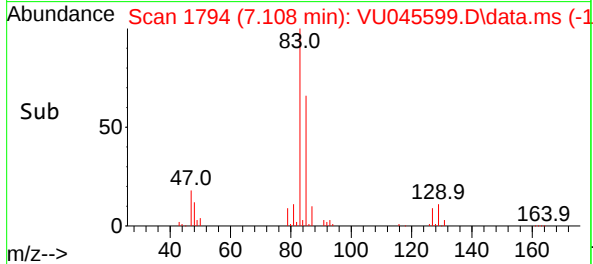
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11838
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.5 6.2 9.2

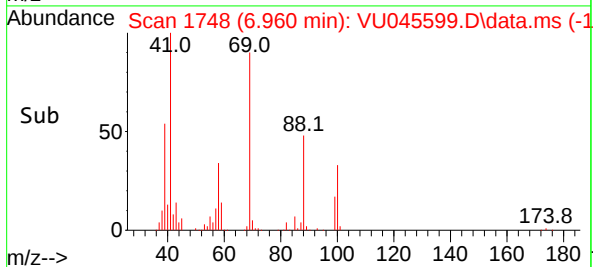
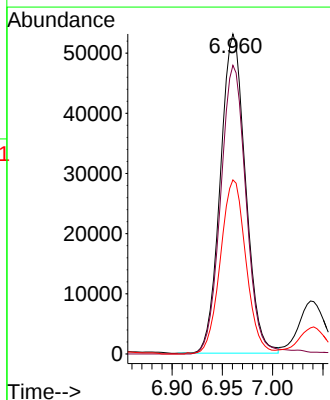
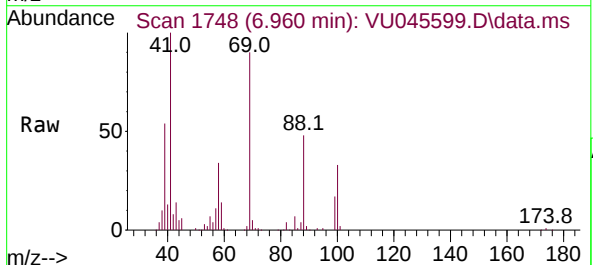
Manual Integrations
APPROVED

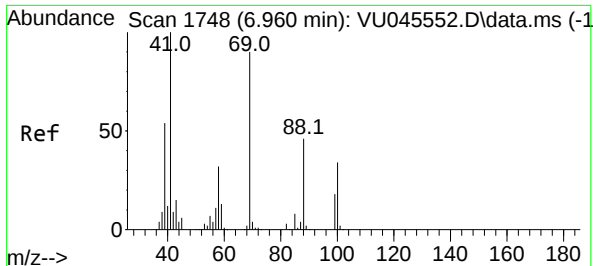
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#48
Methyl methacrylate
Concen: 52.389 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Tgt Ion: 41 Resp: 92520
Ion Ratio Lower Upper
41 100
69 91.3 70.2 105.2
39 55.2 43.9 65.9





#49

1,4-Dioxane

Concen: 1084.696 ug/l

RT: 6.960 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4926

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0

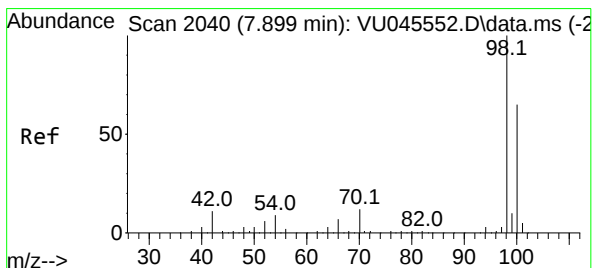
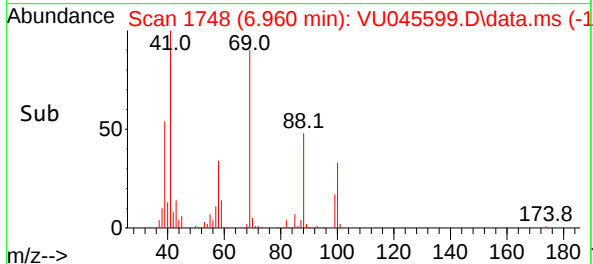
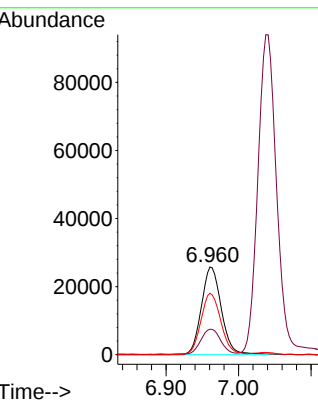
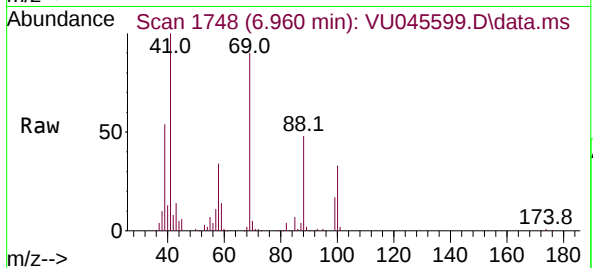
58 69.6 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#50

Toluene-d8

Concen: 51.047 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045599.D

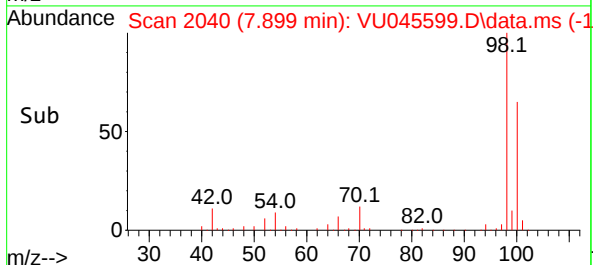
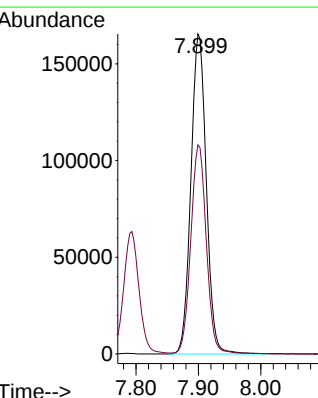
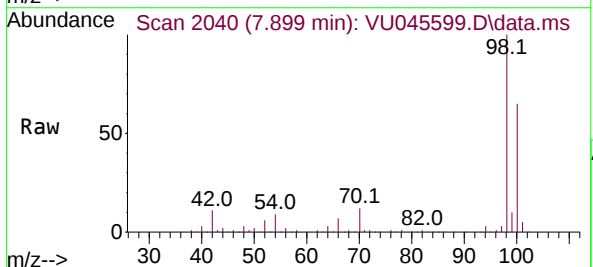
Acq: 06 Nov 2021 07:28

Tgt Ion: 98 Resp: 283832

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 261.336 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 66146

Ion Ratio Lower Upper

43 100

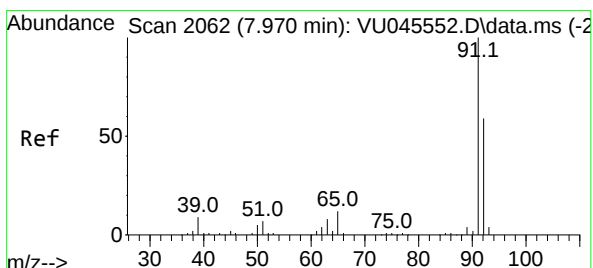
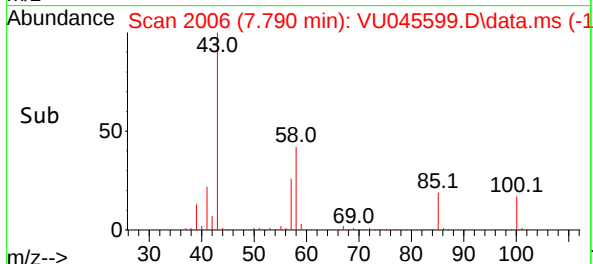
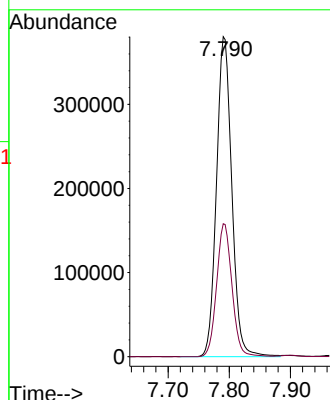
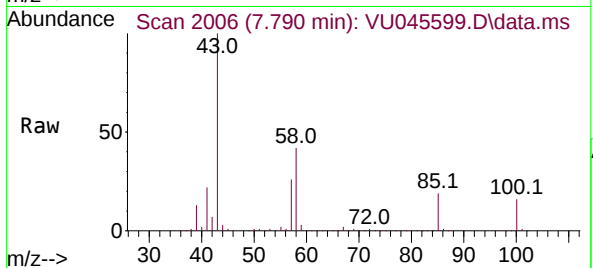
58 41.7 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#52

Toluene

Concen: 52.382 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045599.D

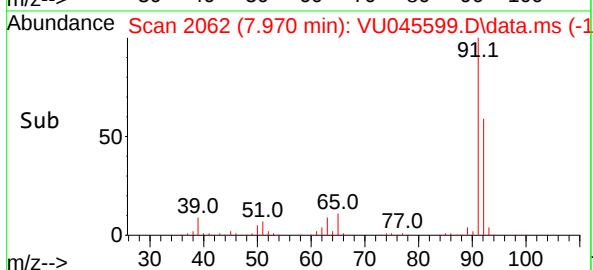
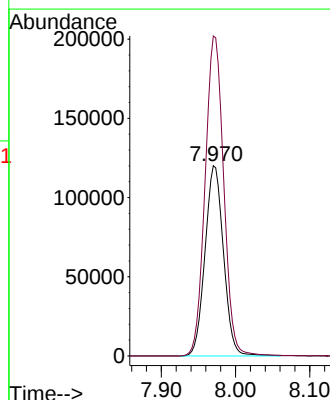
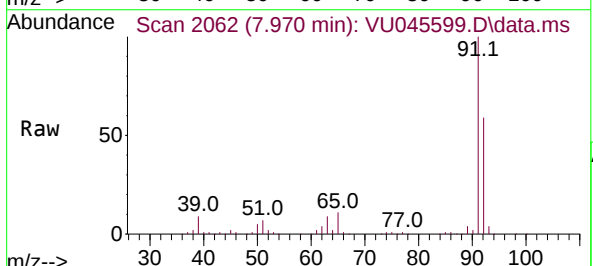
Acq: 06 Nov 2021 07:28

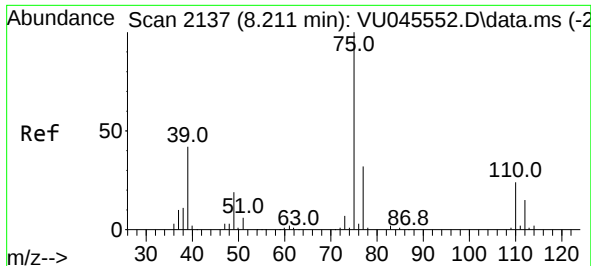
Tgt Ion: 92 Resp: 207346

Ion Ratio Lower Upper

92 100

91 169.4 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 50.724 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 131110

Ion Ratio Lower Upper

75 100

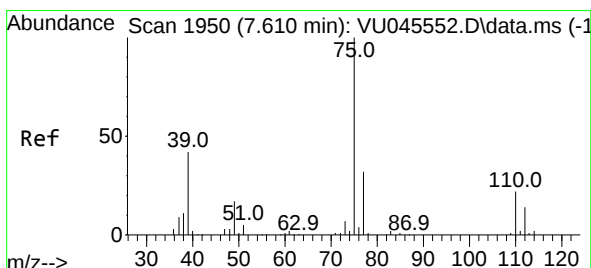
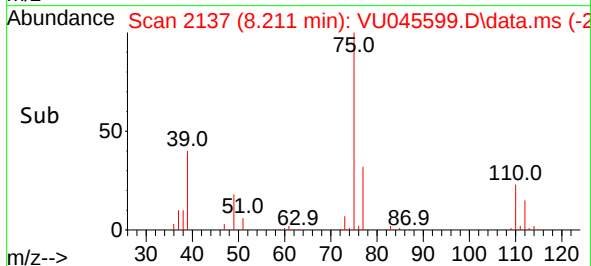
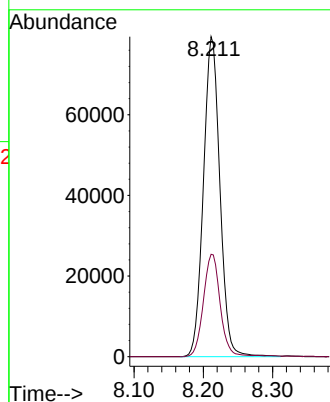
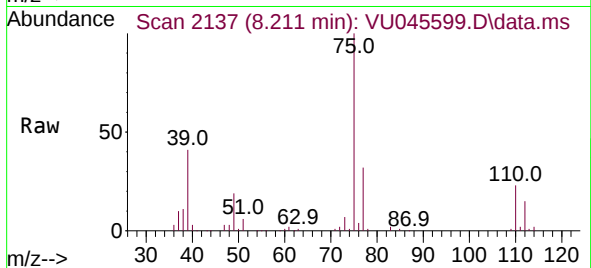
77 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#54

cis-1,3-Dichloropropene

Concen: 50.897 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

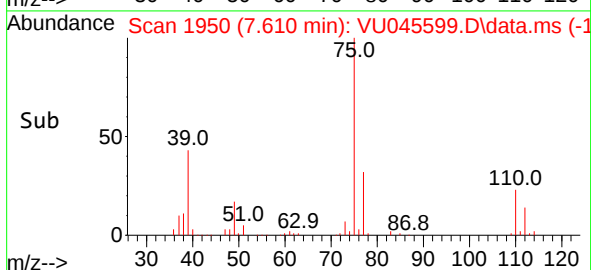
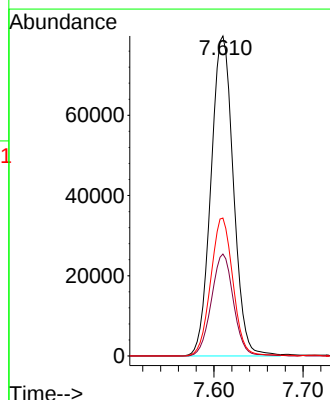
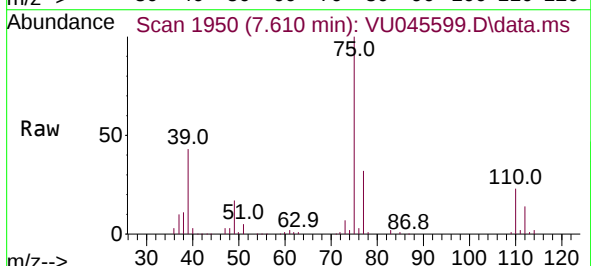
Tgt Ion: 75 Resp: 139741

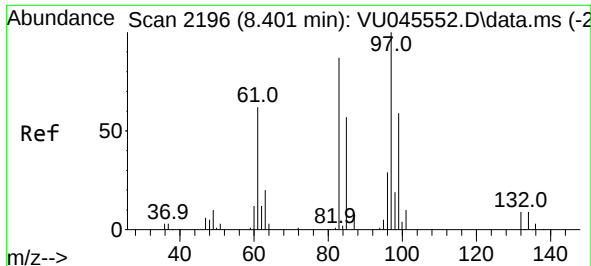
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

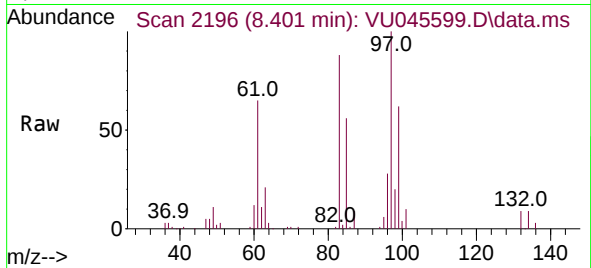
39 43.1 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 52.364 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

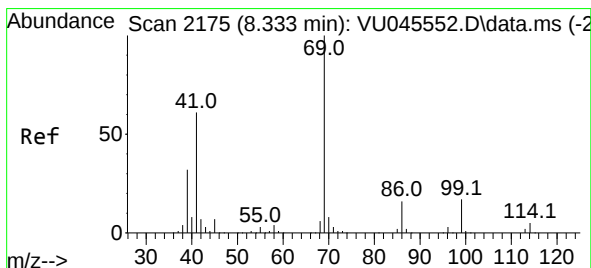
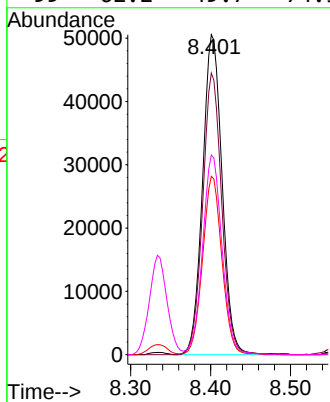
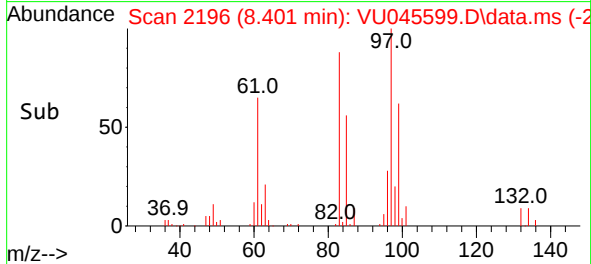
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.3	105.5
85	55.8	45.5	68.3
99	62.2	49.7	74.5

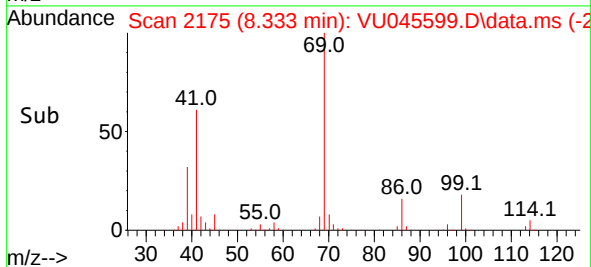
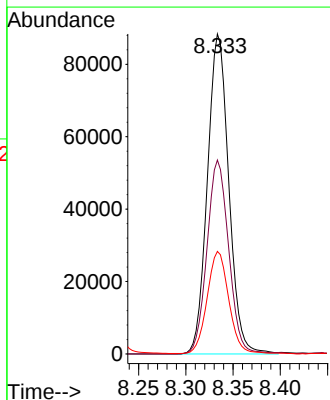
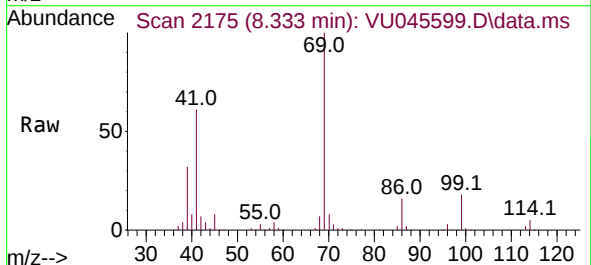
Manual Integrations
APPROVED

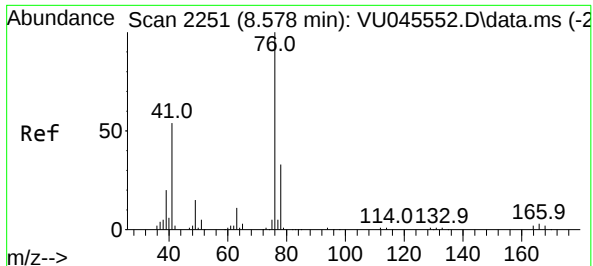
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#56
Ethyl methacrylate
Concen: 47.402 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	51.0	76.4
39	32.0	26.6	39.8





#57

1,3-Dichloropropane

Concen: 51.002 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 150699

Ion Ratio Lower Upper

76 100

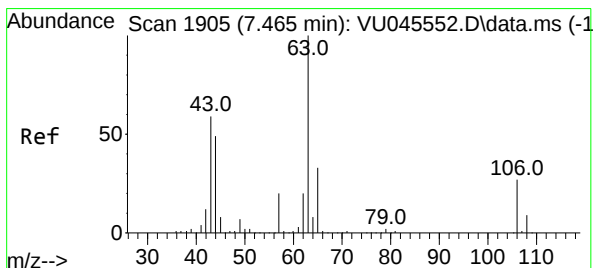
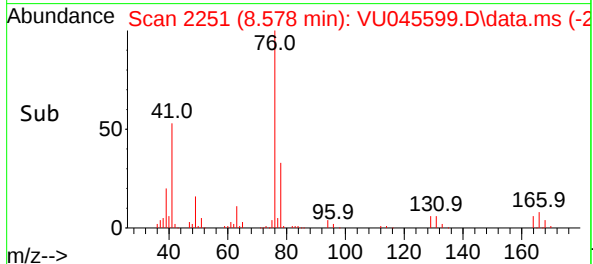
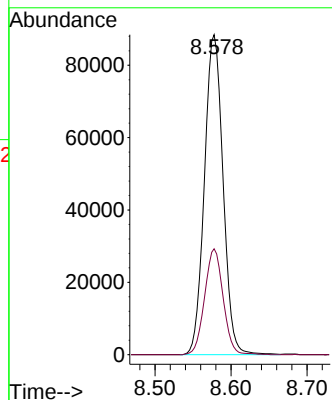
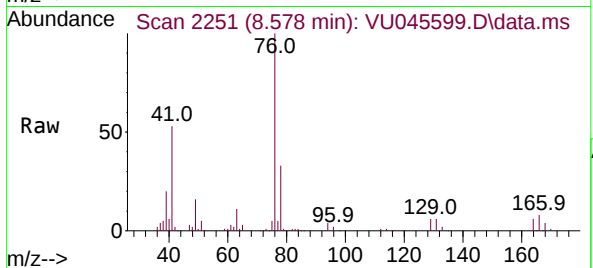
78 32.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#58

2-Chloroethyl Vinyl ether

Concen: 234.441 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045599.D

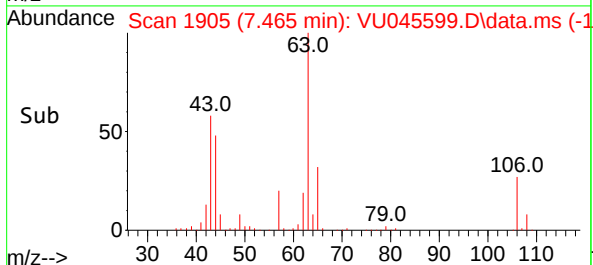
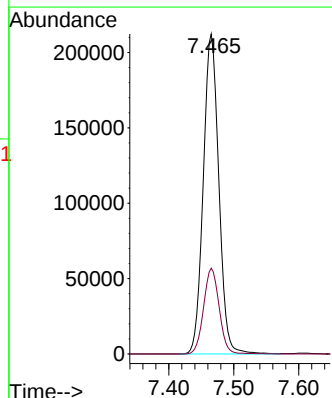
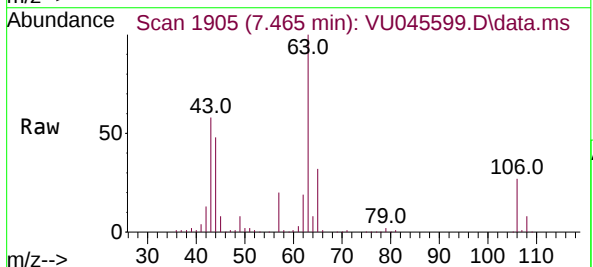
Acq: 06 Nov 2021 07:28

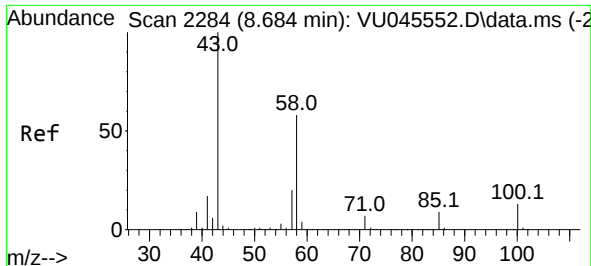
Tgt Ion: 63 Resp: 354081

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4





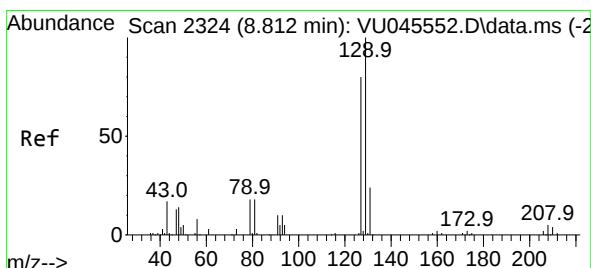
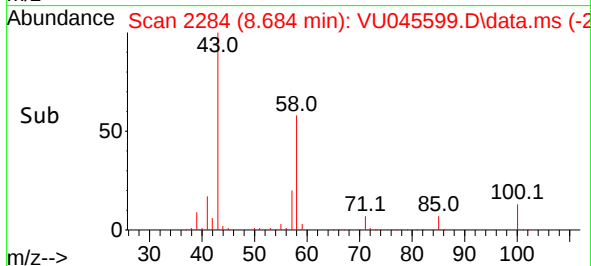
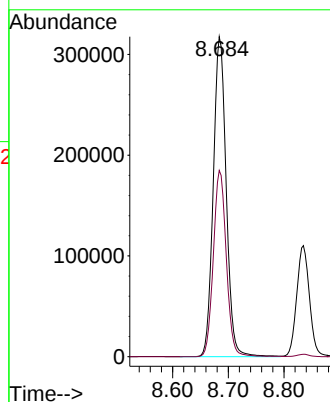
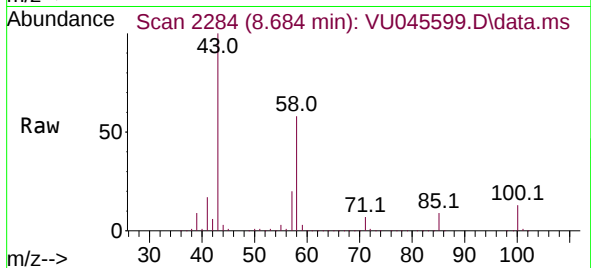
#59
2-Hexanone
Concen: 233.100 ug/l
RT: 8.684 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 512210
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.6

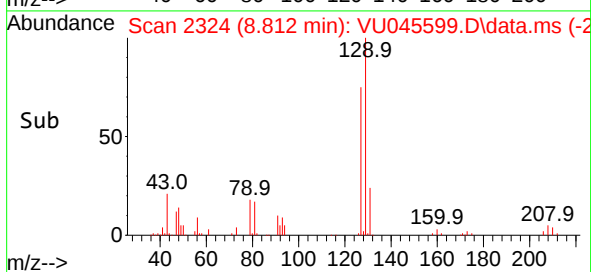
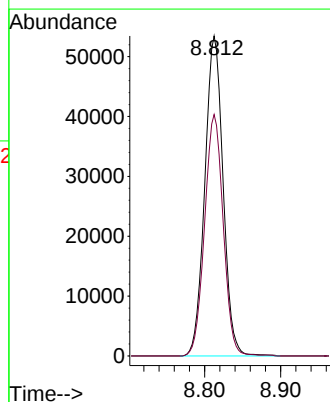
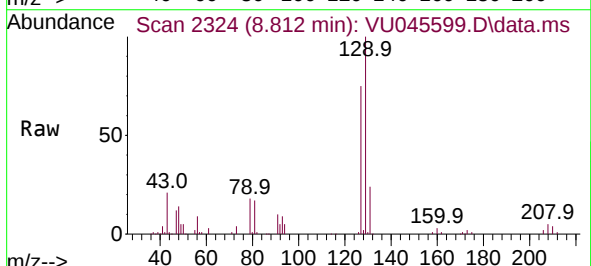
Manual Integrations
APPROVED

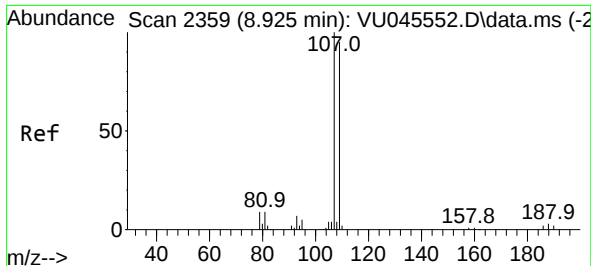
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#60
Dibromochloromethane
Concen: 52.208 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

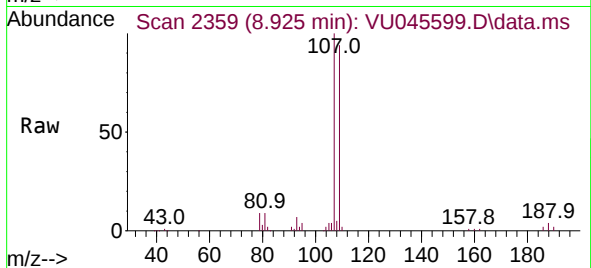
Tgt Ion:129 Resp: 89184
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61
1,2-Dibromoethane
Concen: 51.149 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

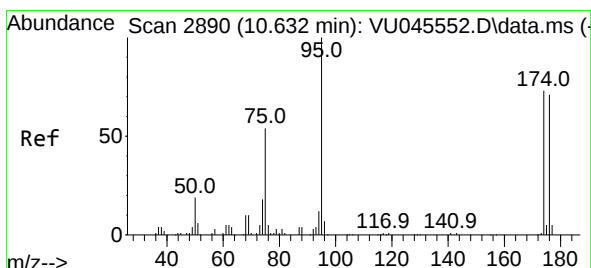
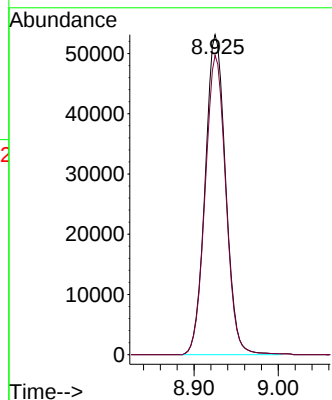
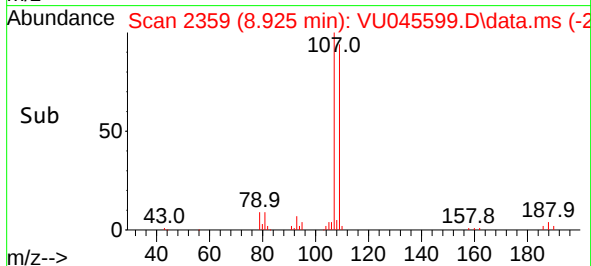
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 89990
Ion Ratio Lower Upper
107 100
109 94.4 75.8 113.8

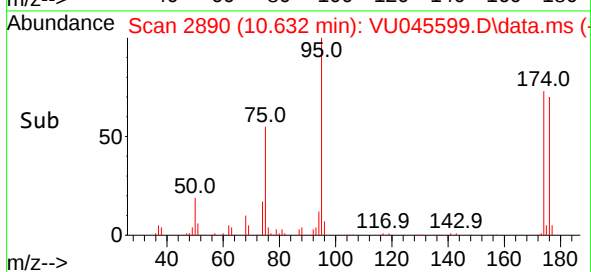
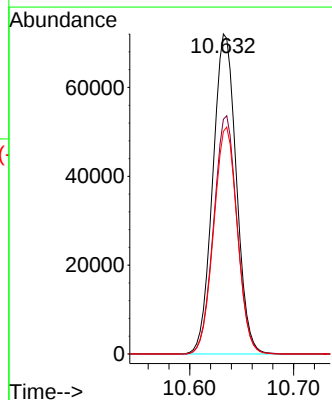
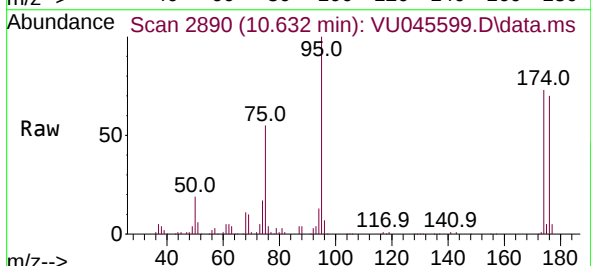
Manual Integrations
APPROVED

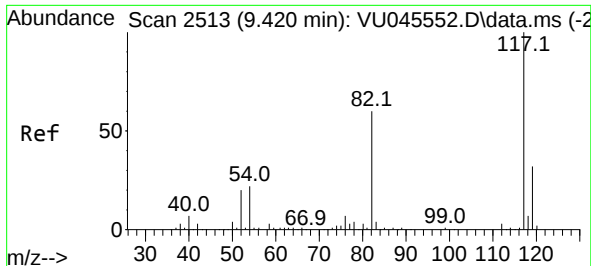
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#62
4-Bromofluorobenzene
Concen: 50.900 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

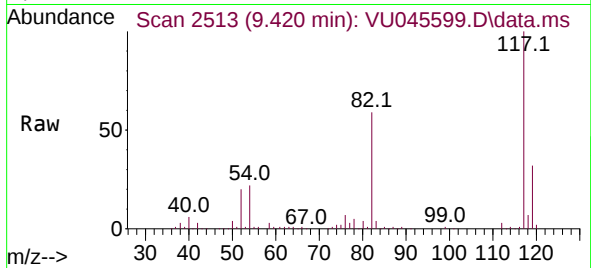
Tgt Ion: 95 Resp: 113487
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.8
176 70.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

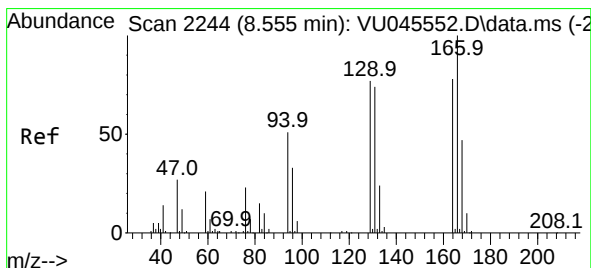
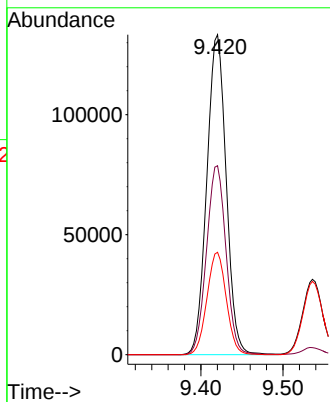
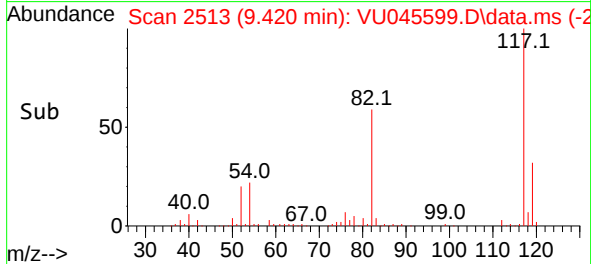
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 218754
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.0 25.8 38.8

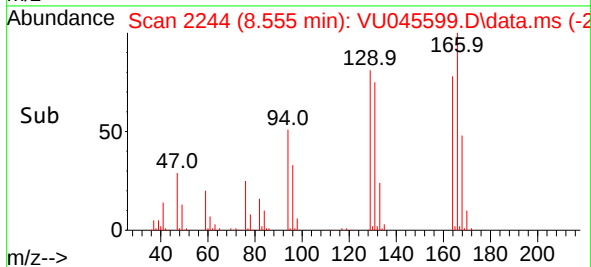
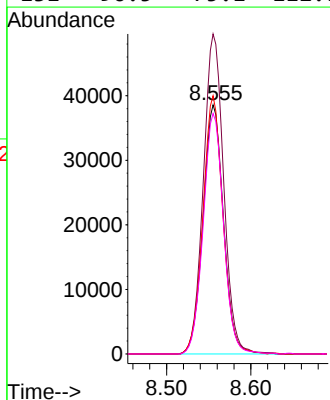
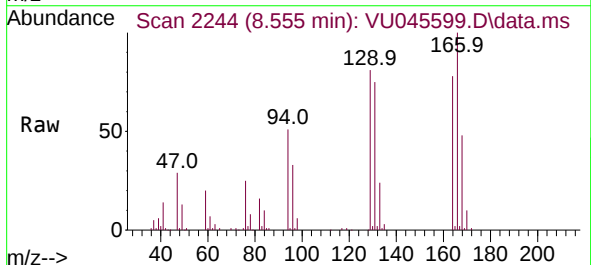
Manual Integrations
APPROVED

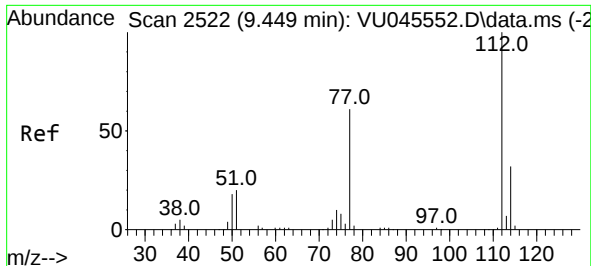
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#64
Tetrachloroethene
Concen: 51.992 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Tgt Ion:164 Resp: 65278
Ion Ratio Lower Upper
164 100
166 128.4 102.2 153.4
129 103.7 78.2 117.4
131 96.5 75.1 112.7





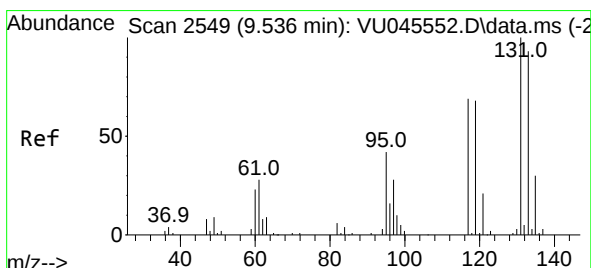
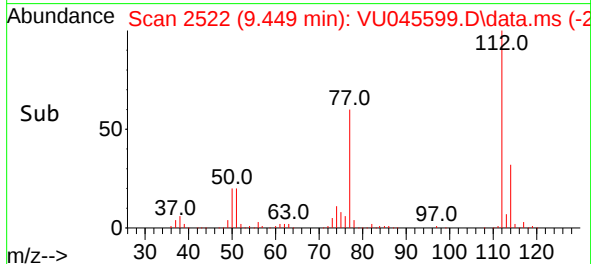
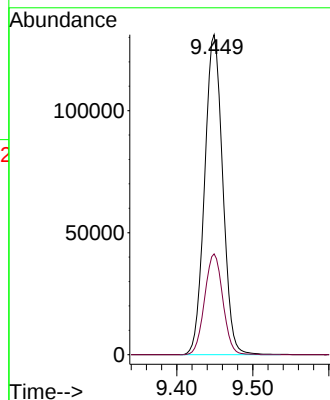
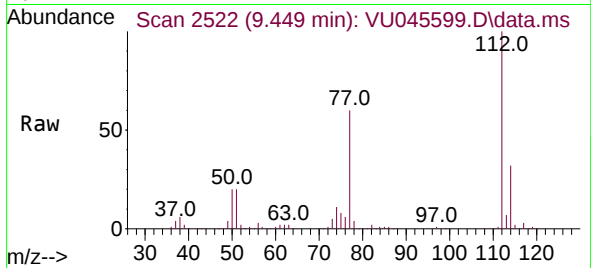
#65
Chlorobenzene
Concen: 50.418 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 21664
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

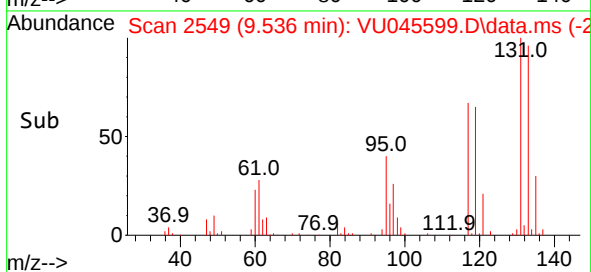
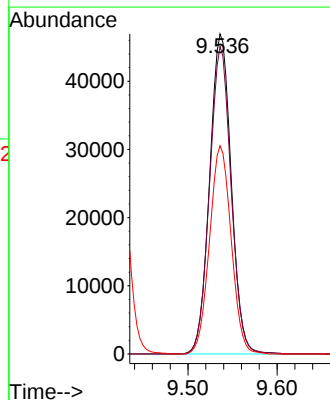
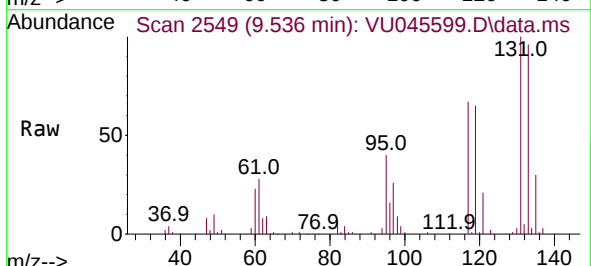
Manual Integrations
APPROVED

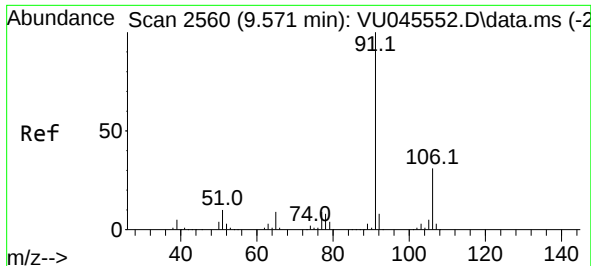
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 51.440 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Tgt Ion:131 Resp: 78832
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 65.4 34.5 103.6





#67

Ethyl Benzene

Concen: 52.352 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 402849

Ion Ratio Lower Upper

91 100

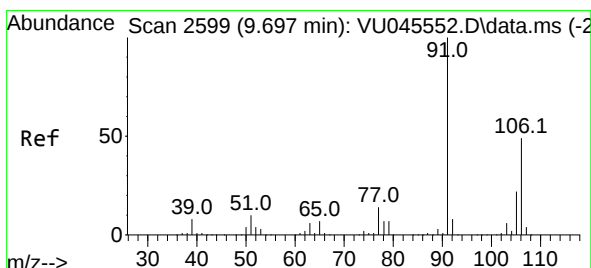
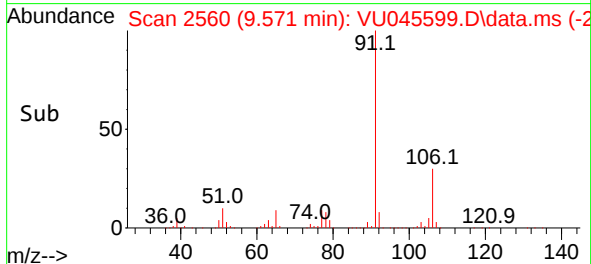
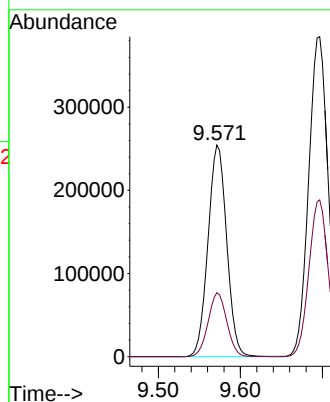
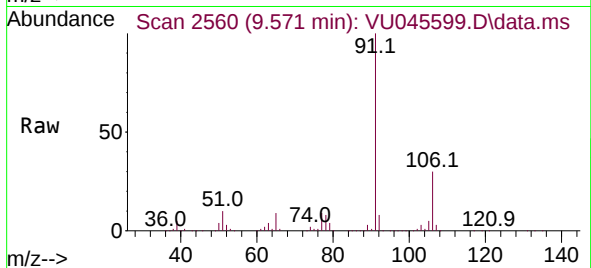
106 30.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#68

m/p-Xylenes

Concen: 106.367 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045599.D

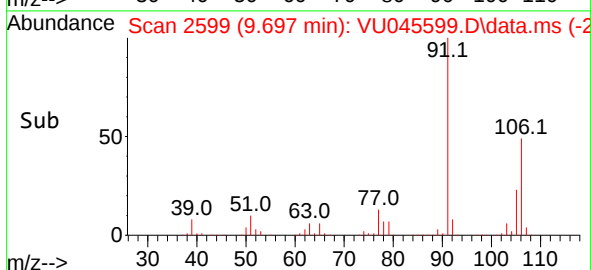
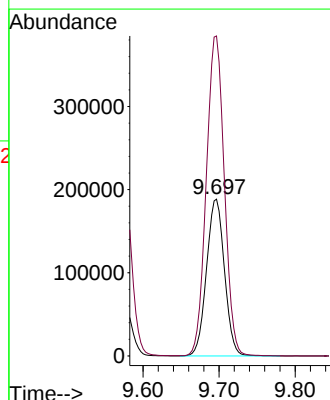
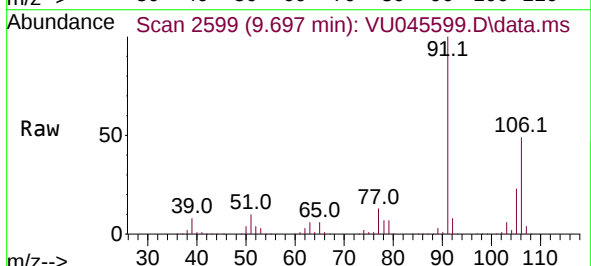
Acq: 06 Nov 2021 07:28

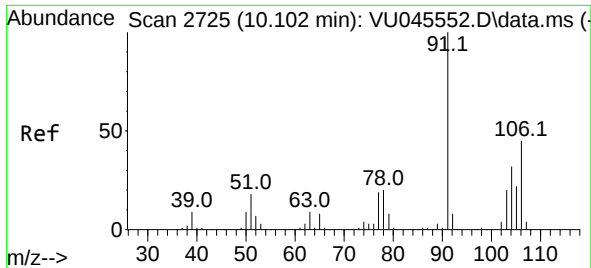
Tgt Ion:106 Resp: 308679

Ion Ratio Lower Upper

106 100

91 205.7 164.7 247.1





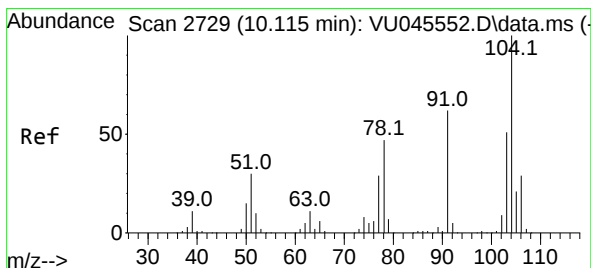
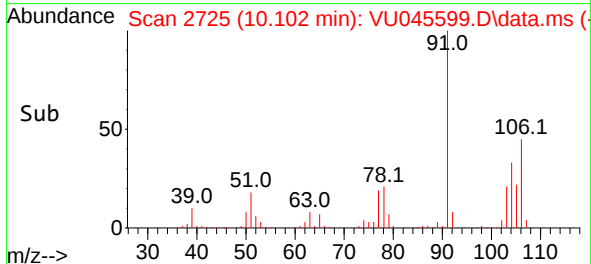
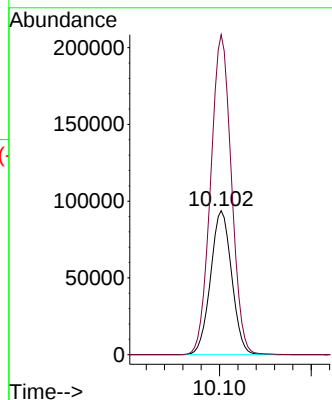
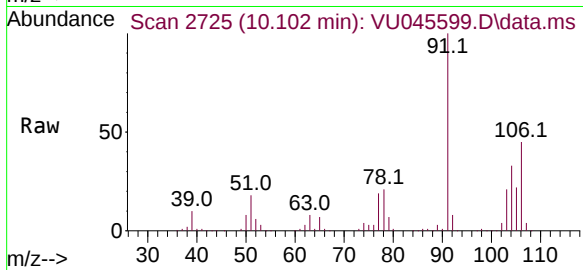
#69
o-Xylene
Concen: 53.052 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 149679
Ion Ratio Lower Upper
106 100
91 219.4 108.7 326.3

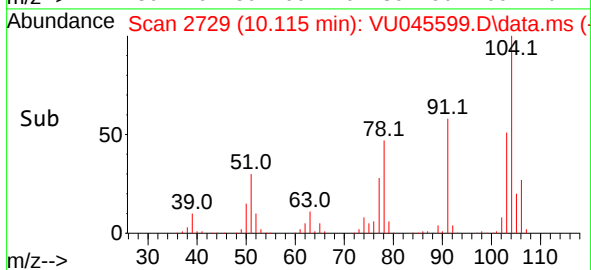
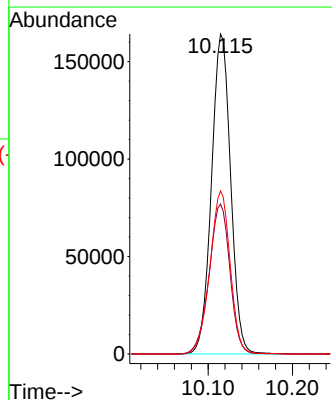
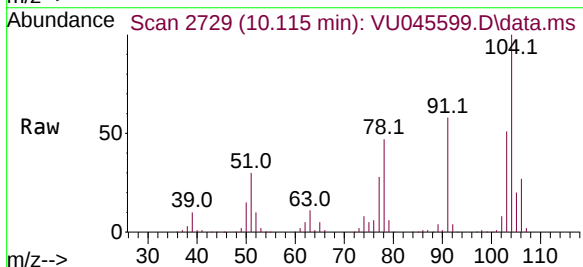
Manual Integrations
APPROVED

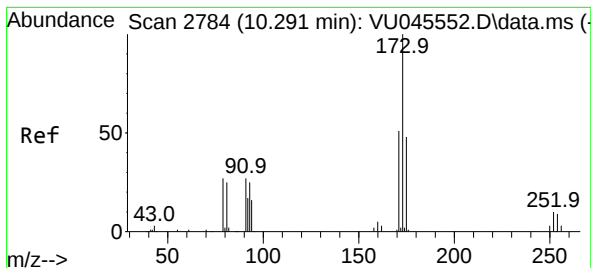
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#70
Styrene
Concen: 54.354 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Tgt Ion:104 Resp: 259436
Ion Ratio Lower Upper
104 100
78 51.0 41.8 62.6
103 53.9 43.8 65.6





#71

Bromoform

Concen: 46.875 ug/l

RT: 10.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

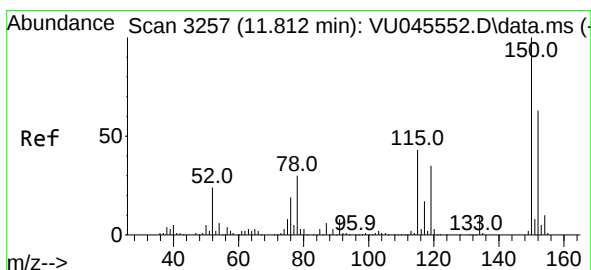
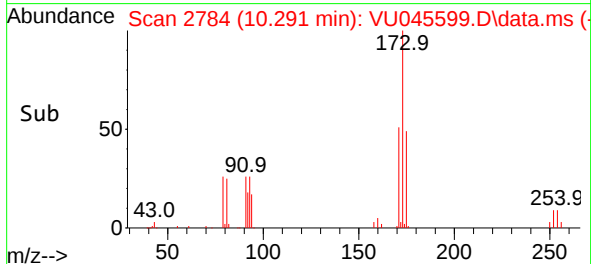
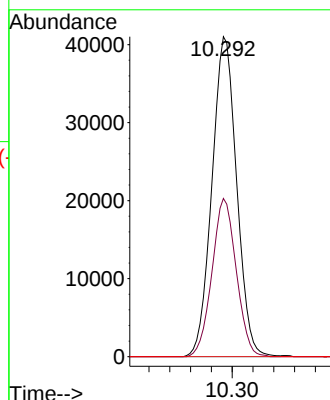
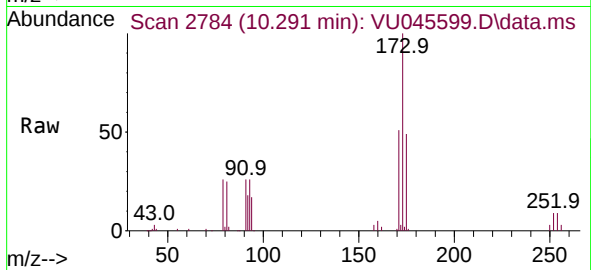
VSTDCCC050EC

Tgt Ion:173 Resp: 67694
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.1 72.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

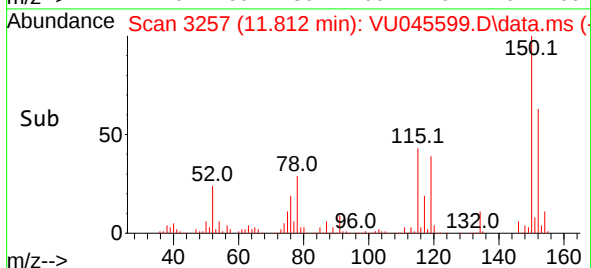
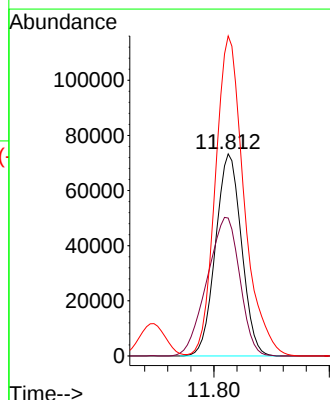
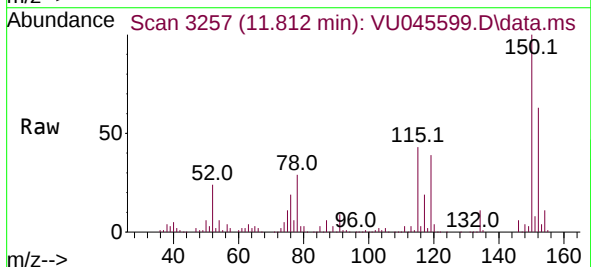
RT: 11.812 min Scan# 3257

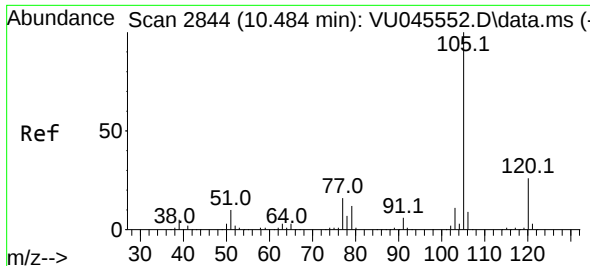
Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Tgt Ion:152 Resp: 114337
 Ion Ratio Lower Upper
 152 100
 115 86.4 42.7 128.1
 150 174.5 0.0 346.8





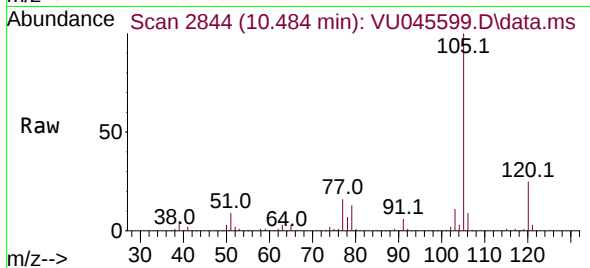
#73
Isopropylbenzene
Concen: 53.381 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

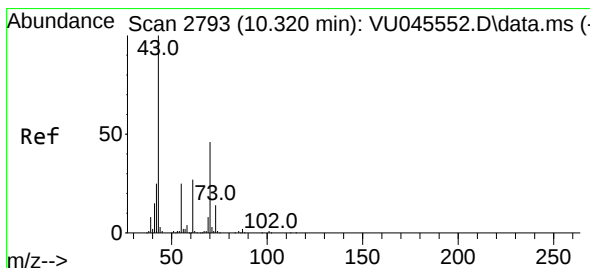
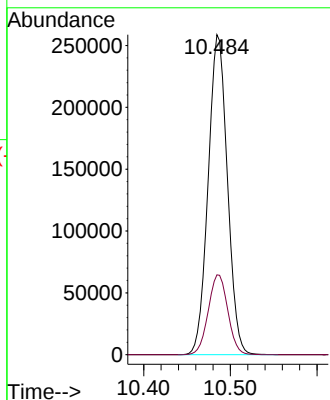
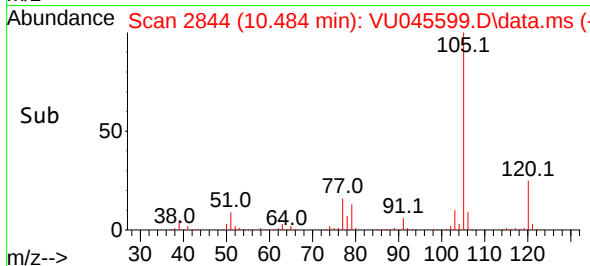


Tgt Ion:105 Resp: 39879
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6

Manual Integrations

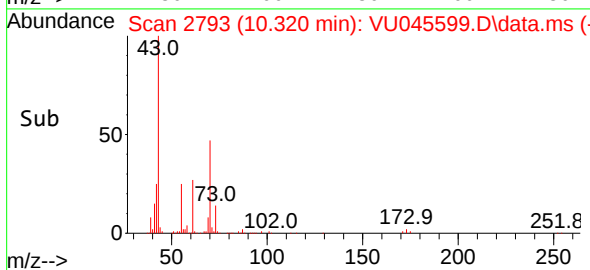
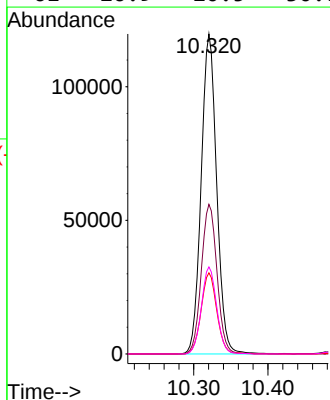
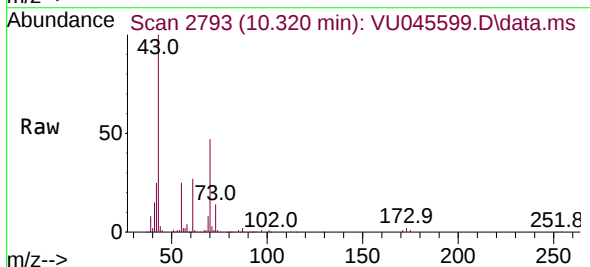
APPROVED

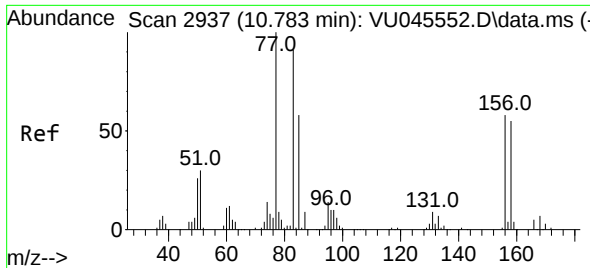
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#74
N-ethyl acetate
Concen: 51.459 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Tgt Ion: 43 Resp: 173425
Ion Ratio Lower Upper
43 100
70 47.4 36.9 55.3
55 25.6 20.6 31.0
61 26.9 20.5 30.7





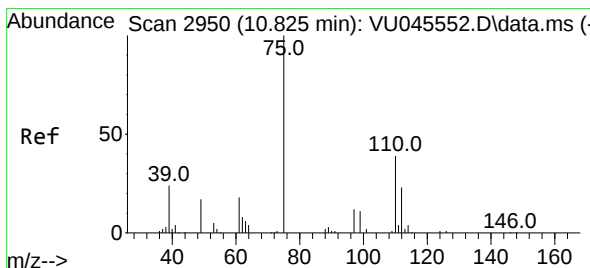
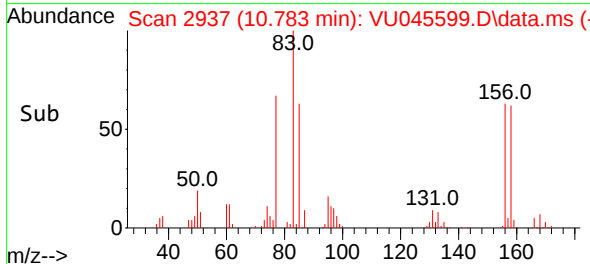
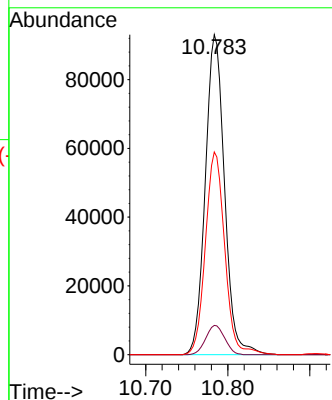
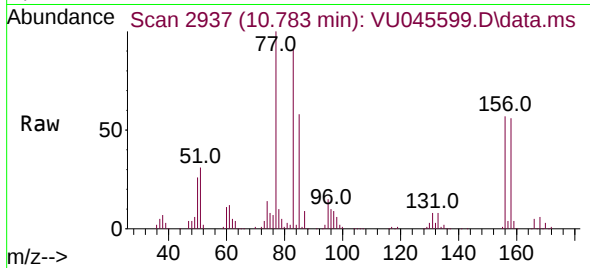
#75
1,1,2,2-Tetrachloroethane
Concen: 51.122 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 15131
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 63.8 31.9 95.9

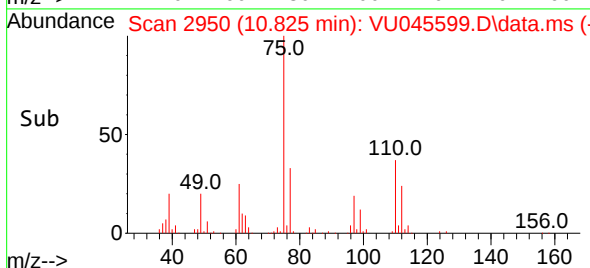
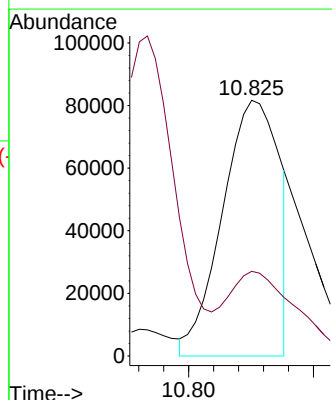
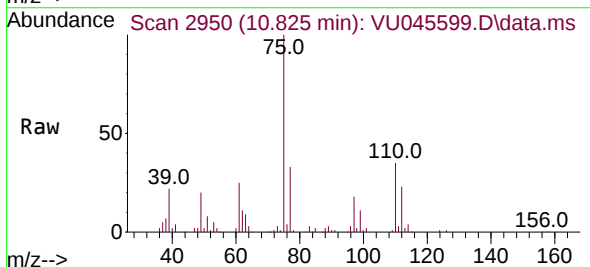
Manual Integrations
APPROVED

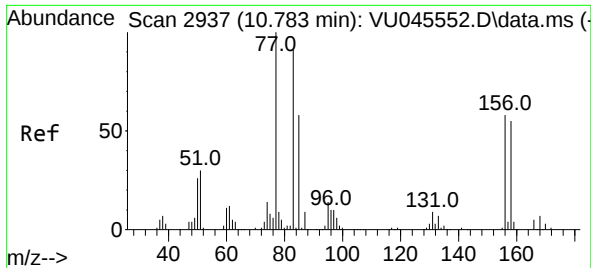
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#76
1,2,3-Trichloropropane
Concen: 37.227 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

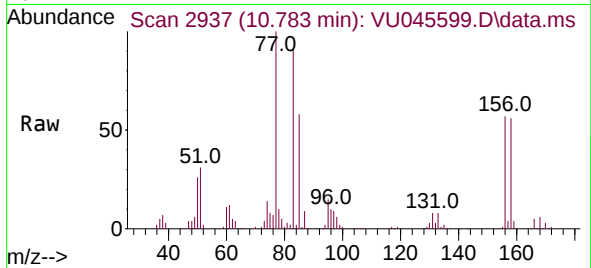
Tgt Ion: 75 Resp: 129080
Ion Ratio Lower Upper
75 100
77 40.7 17.1 51.3





#77
Bromobenzene
Concen: 51.591 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

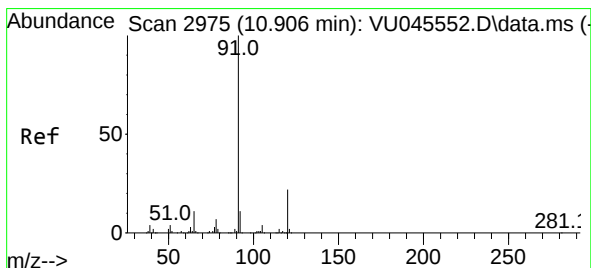
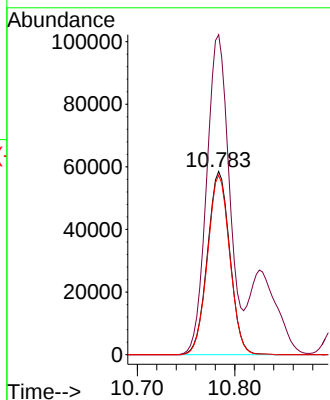
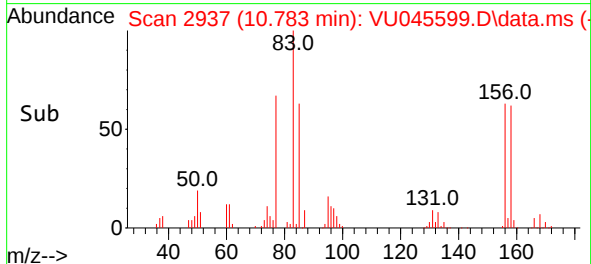
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



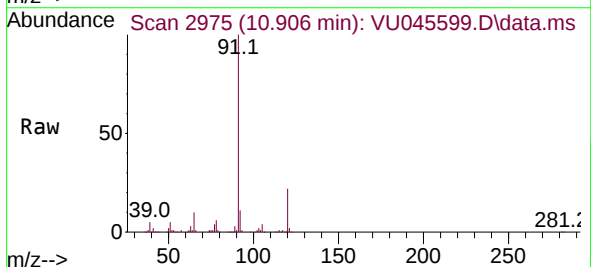
Tgt Ion:156 Resp: 93578
Ion Ratio Lower Upper
156 100
77 176.7 91.1 273.4
158 97.4 47.9 143.6

Manual Integrations
APPROVED

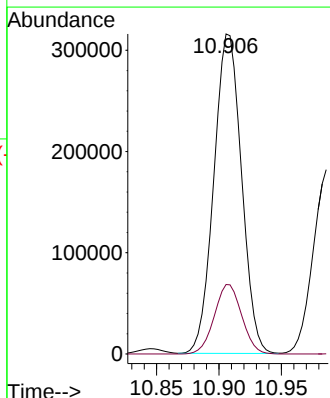
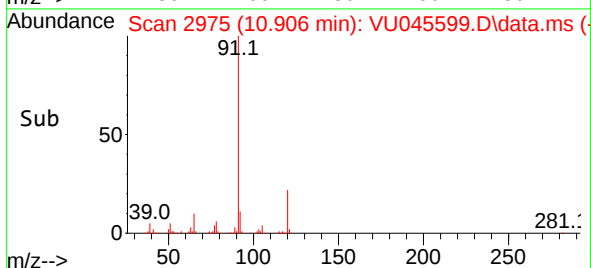
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

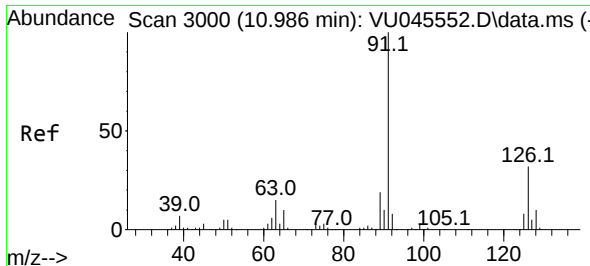


#78
n-propylbenzene
Concen: 52.422 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28



Tgt Ion: 91 Resp: 487425
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7





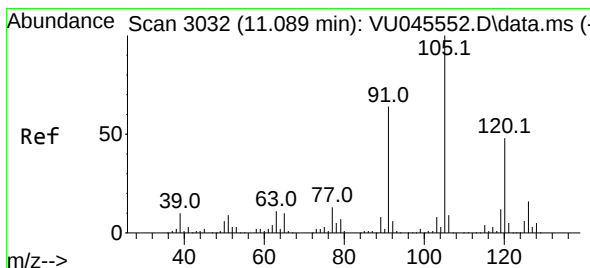
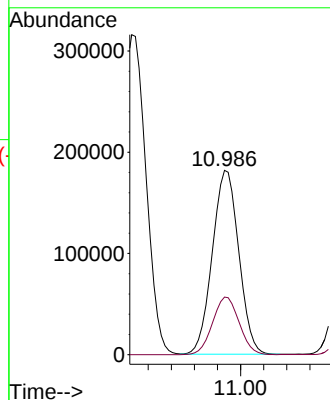
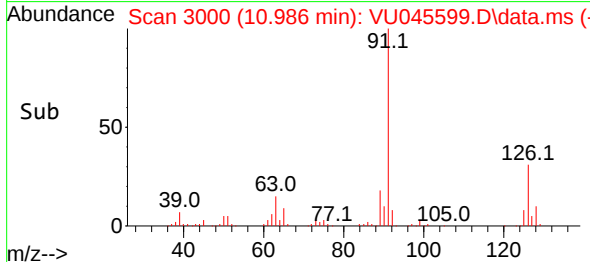
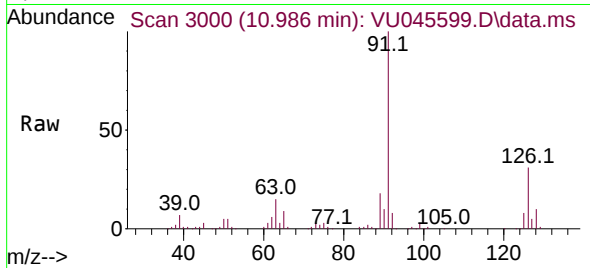
#79
2-Chlorotoluene
Concen: 52.589 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 288890
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8

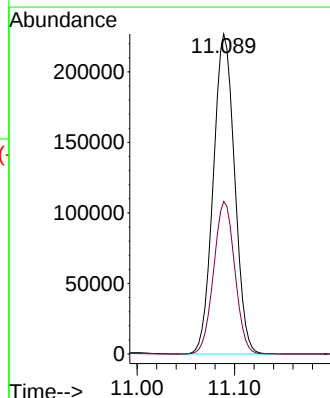
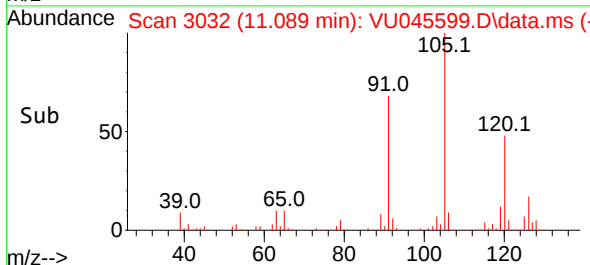
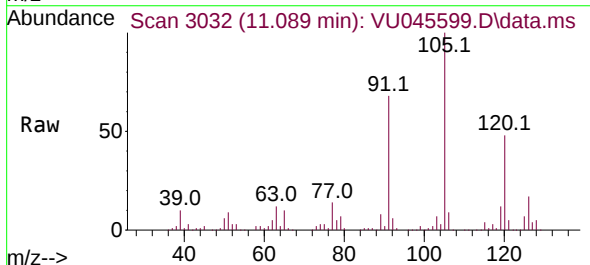
Manual Integrations
APPROVED

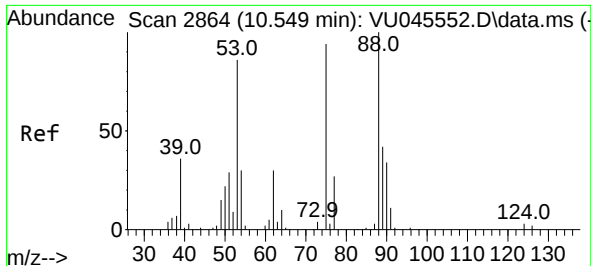
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.858 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

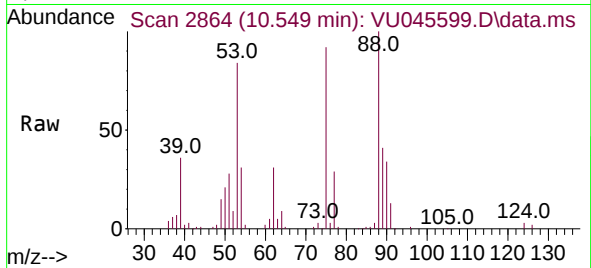
Tgt Ion:105 Resp: 345012
Ion Ratio Lower Upper
105 100
120 47.2 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 42.678 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

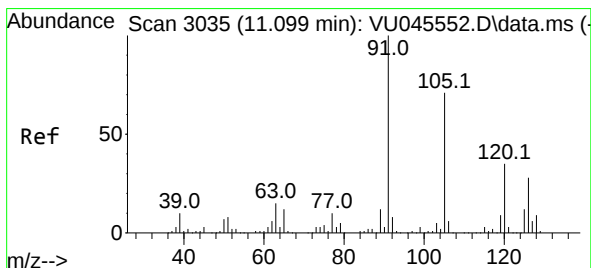
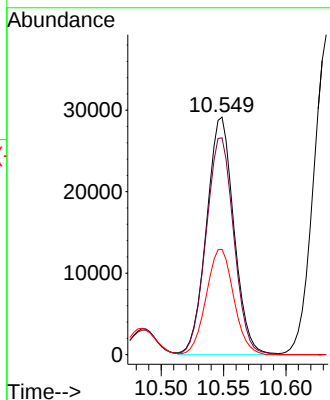
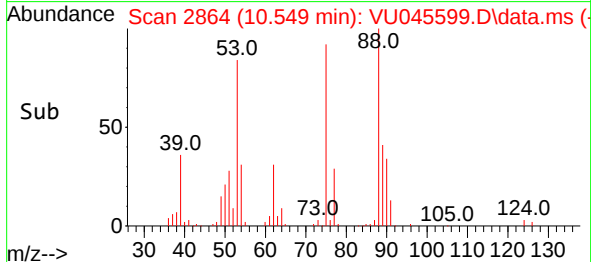
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



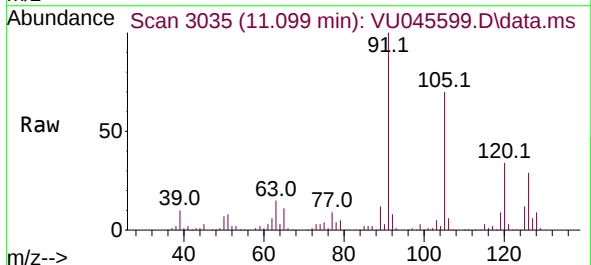
Tgt Ion: 75 Resp: 44678
Ion Ratio Lower Upper
75 100
53 92.2 76.2 114.4
89 44.6 34.0 51.0

Manual Integrations
APPROVED

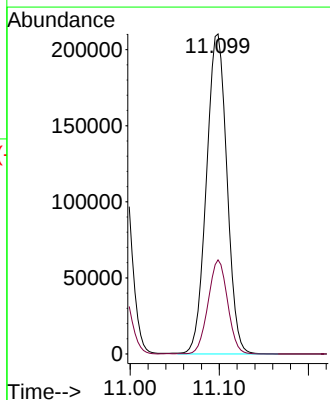
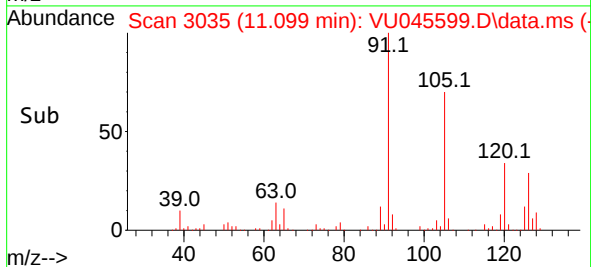
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

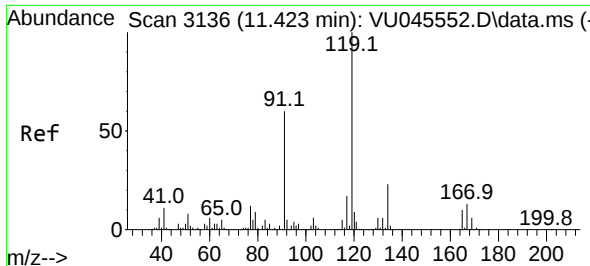


#82
4-Chlorotoluene
Concen: 52.150 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28



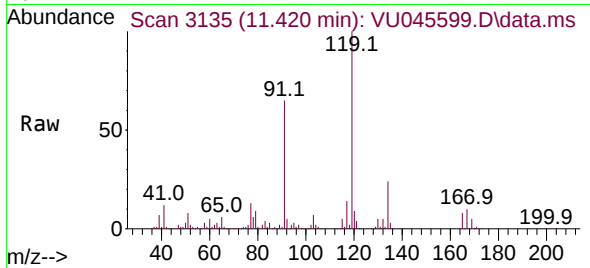
Tgt Ion: 91 Resp: 335973
Ion Ratio Lower Upper
91 100
126 27.9 13.8 41.4





#83
tert-Butylbenzene
Concen: 52.923 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

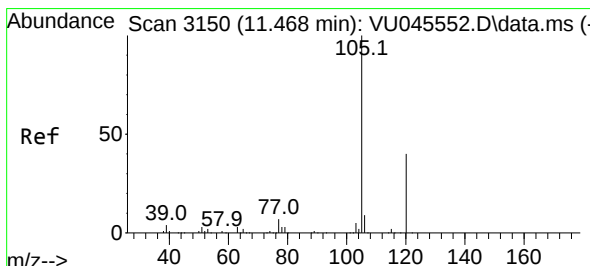
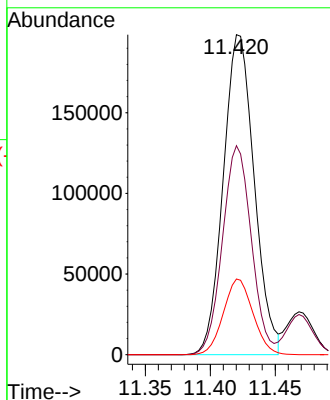
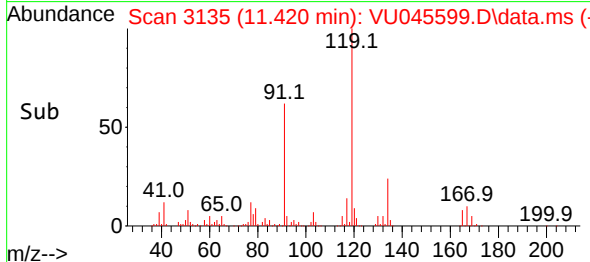
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



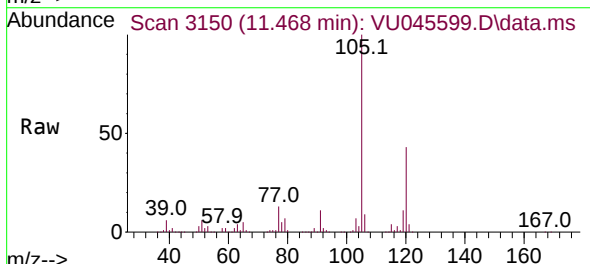
Tgt Ion:119 Resp: 329290
Ion Ratio Lower Upper
119 100
91 60.9 30.5 91.5
134 22.6 11.5 34.5

Manual Integrations
APPROVED

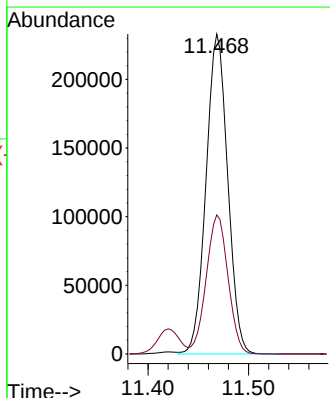
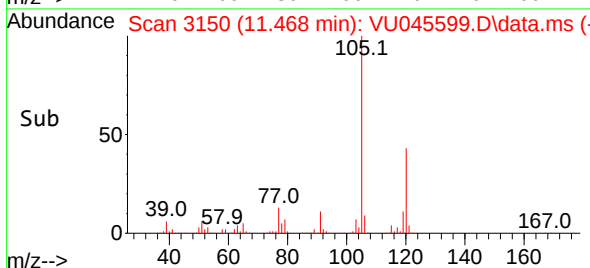
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

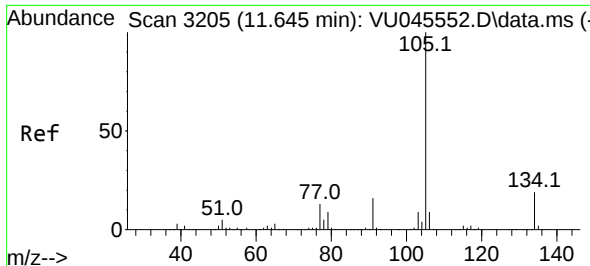


#84
1,2,4-Trimethylbenzene
Concen: 53.777 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28



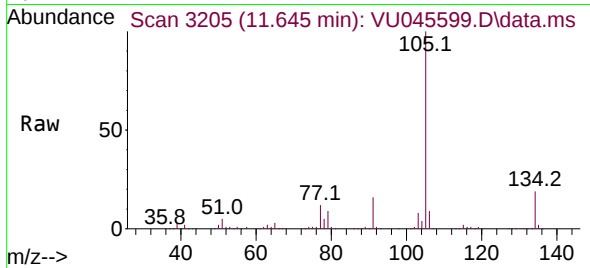
Tgt Ion:105 Resp: 348860
Ion Ratio Lower Upper
105 100
120 43.8 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 52.944 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045599.D
 Acq: 06 Nov 2021 07:28

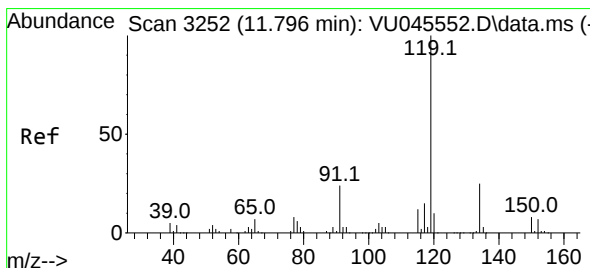
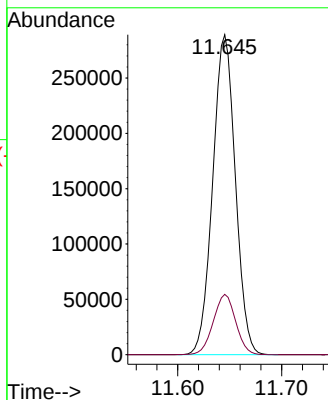
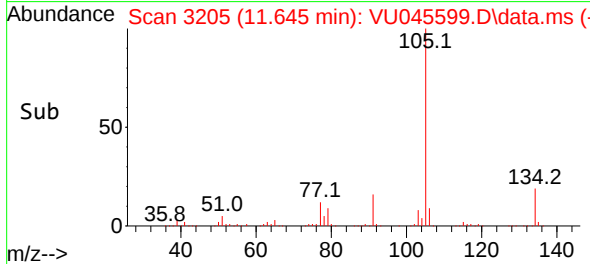
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



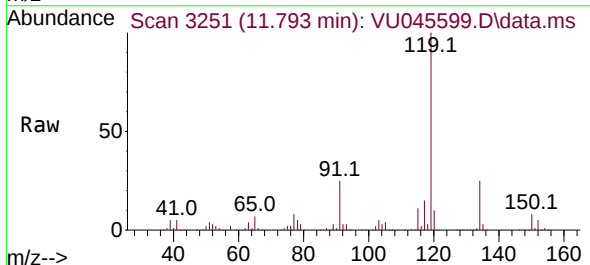
Tgt Ion:105 Resp: 436894
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3

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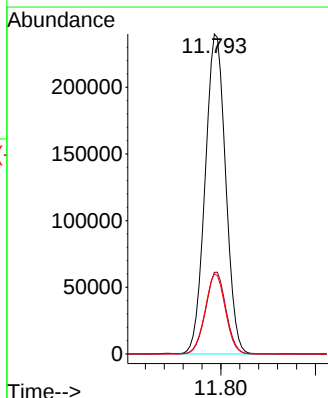
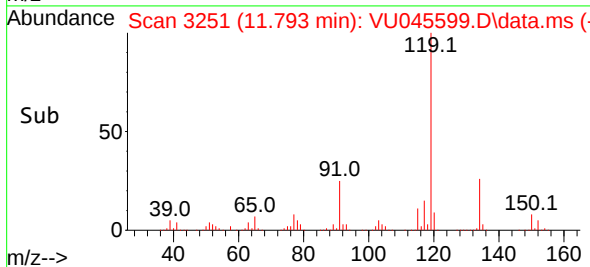
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021

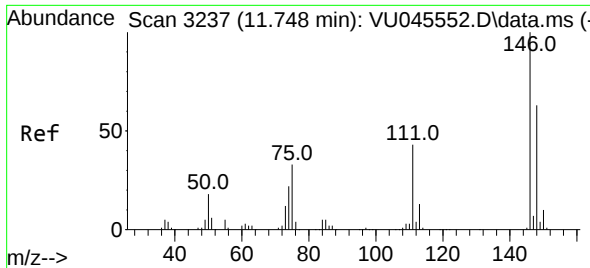


#86
 p-Isopropyltoluene
 Concen: 52.336 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.003 min
 Lab File: VU045599.D
 Acq: 06 Nov 2021 07:28



Tgt Ion:119 Resp: 360894
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 50.116 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 183408

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

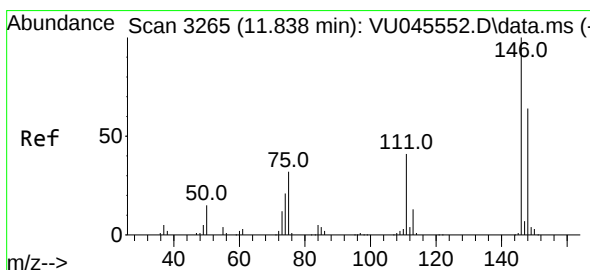
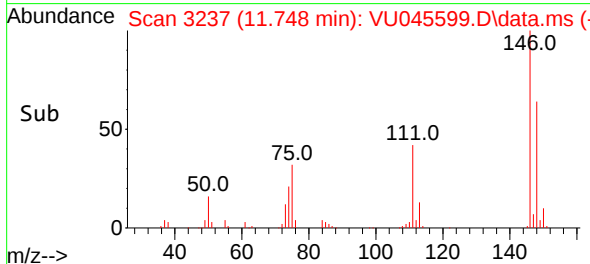
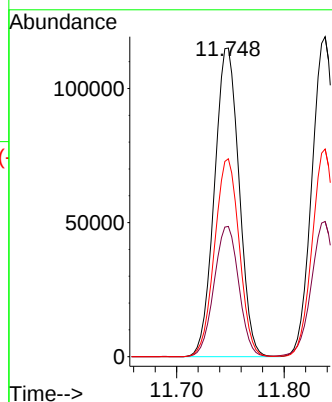
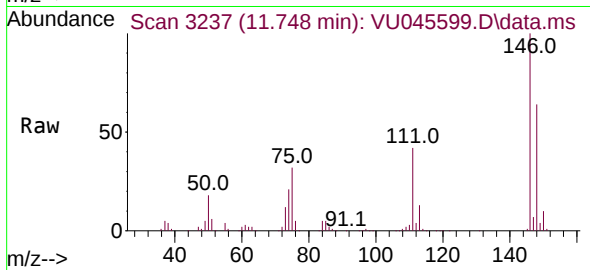
148 64.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#88

1,4-Dichlorobenzene

Concen: 50.255 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

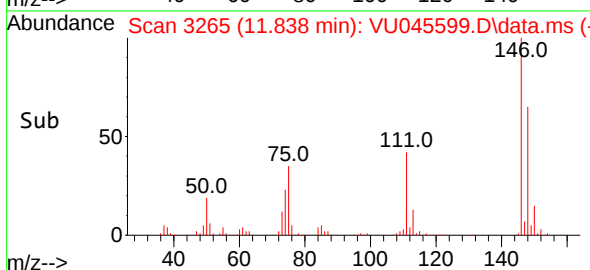
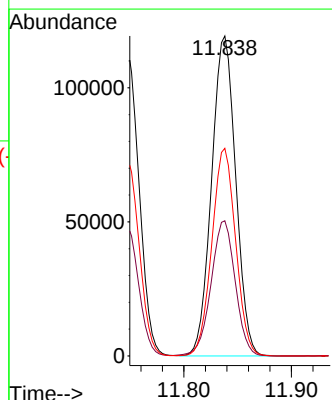
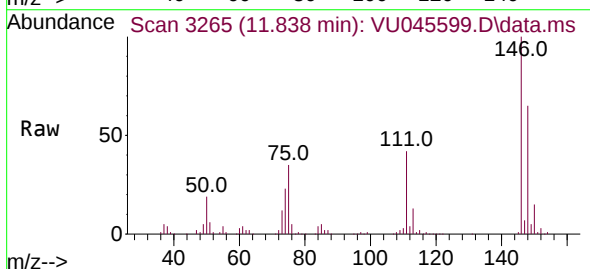
Tgt Ion:146 Resp: 186012

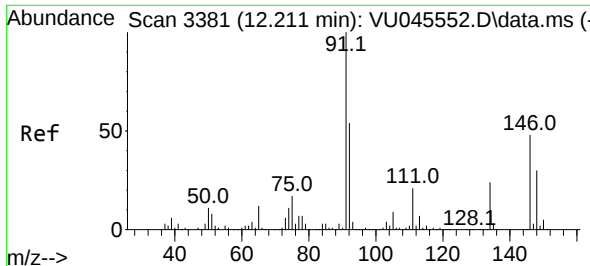
Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.9

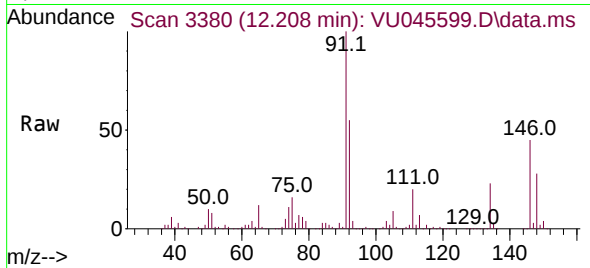
148 64.0 31.9 95.7





#89
n-Butylbenzene
Concen: 50.922 ug/l
RT: 12.208 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

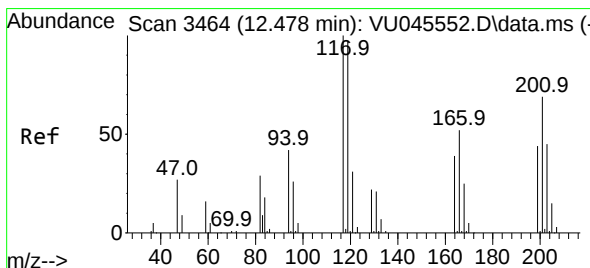
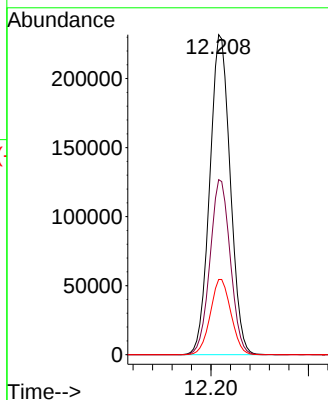
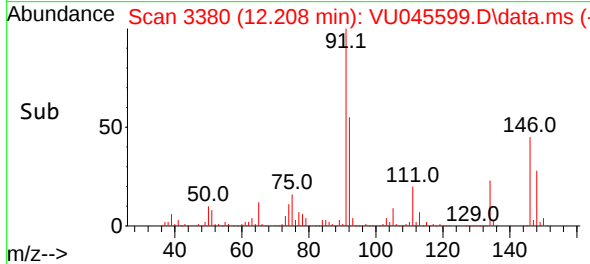
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 33825
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 23.7 11.8 35.4

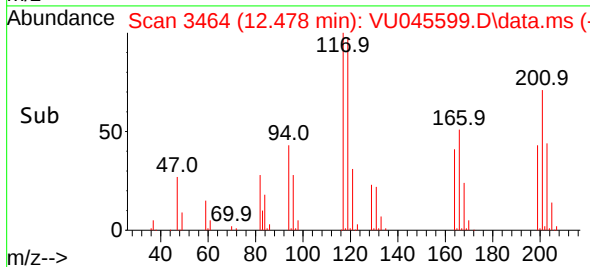
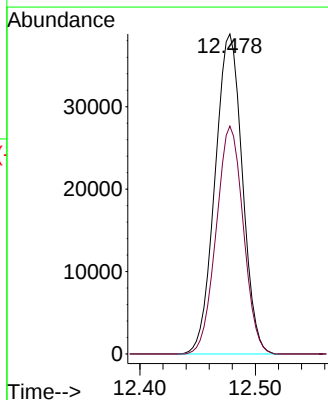
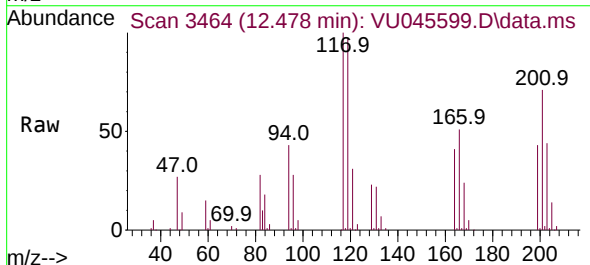
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 51.319 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

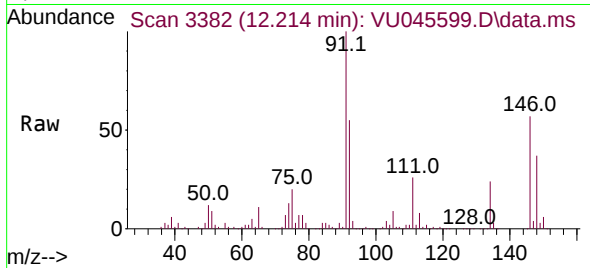
Tgt Ion:117 Resp: 63839
Ion Ratio Lower Upper
117 100
201 70.6 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 51.635 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

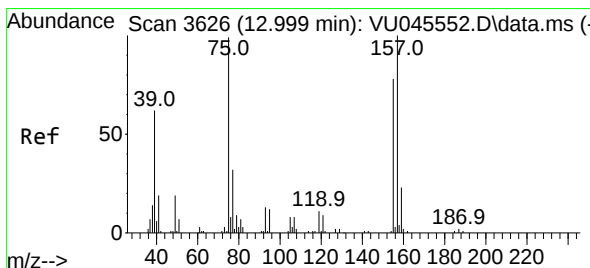
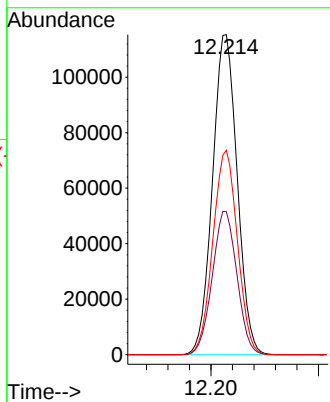
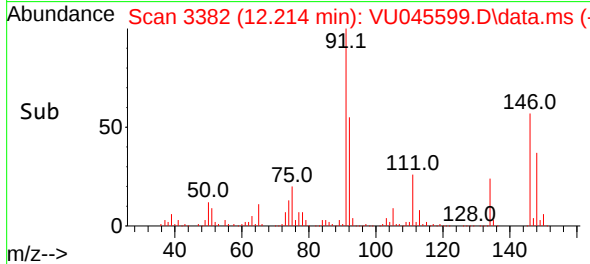
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 18385
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.5
148 63.7 32.1 96.3

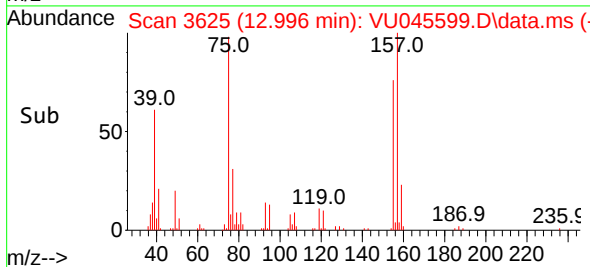
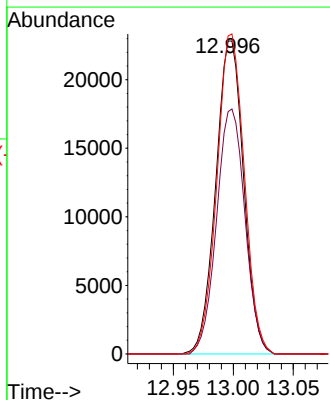
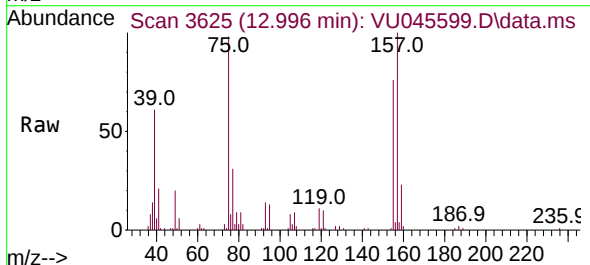
Manual Integrations
APPROVED

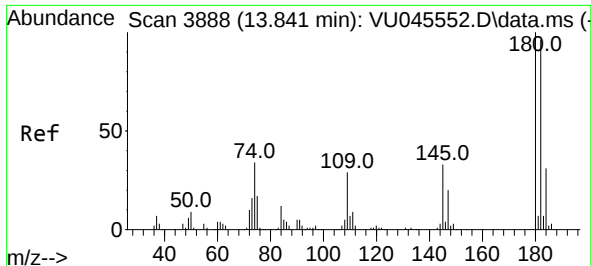
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.847 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

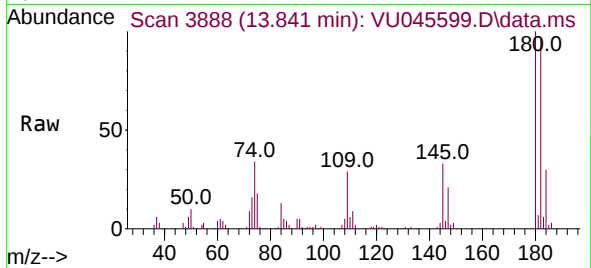
Tgt Ion: 75 Resp: 36909
Ion Ratio Lower Upper
75 100
155 79.6 37.8 113.3
157 100.5 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 50.487 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28

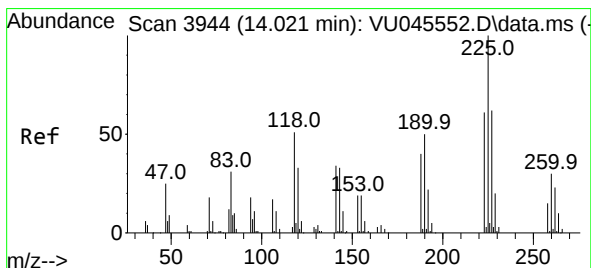
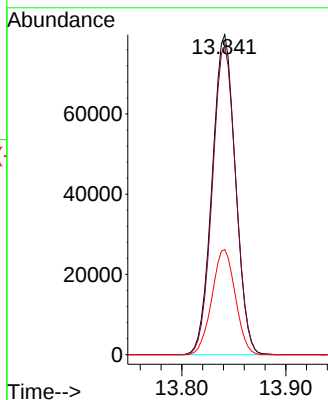
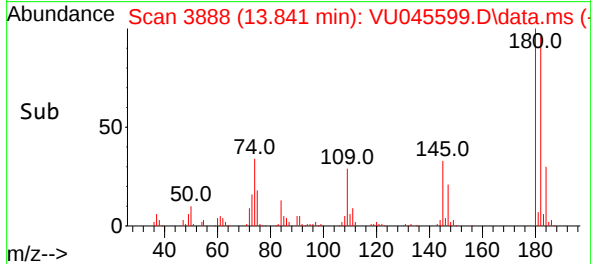
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MSVOA_U
ClientSampleId :
VSTDCCC050EC



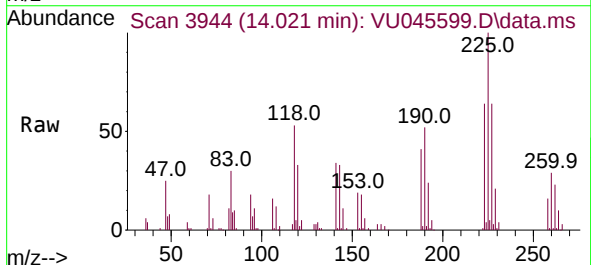
Tgt Ion:180 Resp: 124294
Ion Ratio Lower Upper
180 100
182 96.8 47.0 141.2
145 33.0 15.6 46.7

Manual Integrations
APPROVED

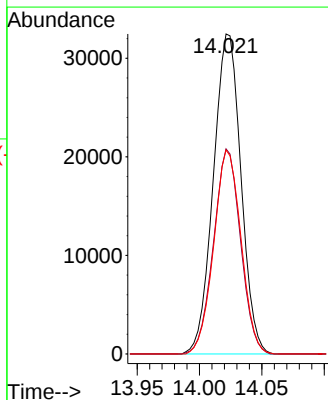
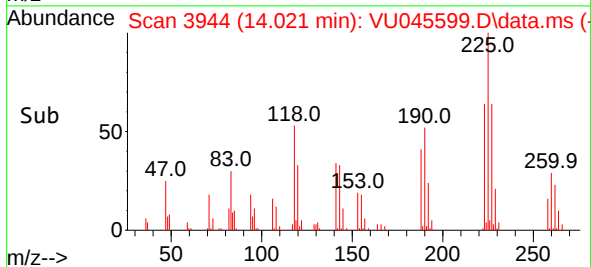
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

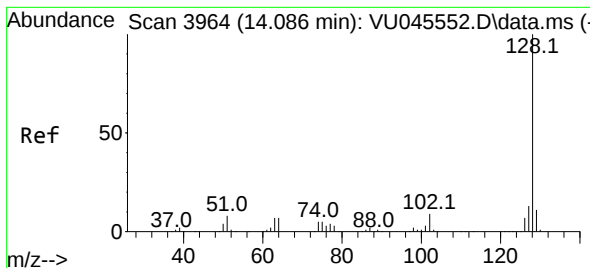


#94
Hexachlorobutadiene
Concen: 47.166 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU045599.D
Acq: 06 Nov 2021 07:28



Tgt Ion:225 Resp: 50123
Ion Ratio Lower Upper
225 100
223 62.7 32.0 96.2
227 62.8 31.1 93.5





#95

Naphthalene

Concen: 50.613 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

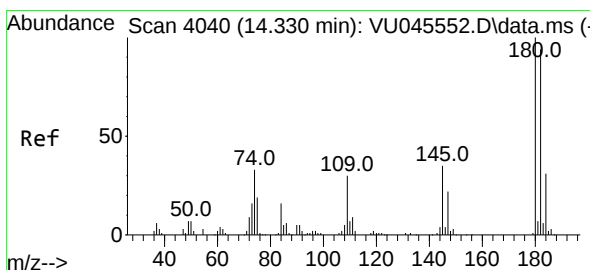
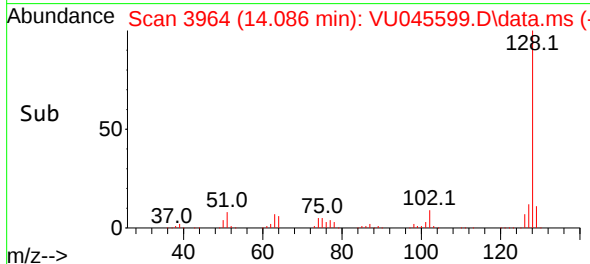
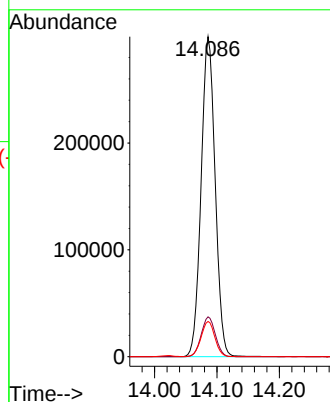
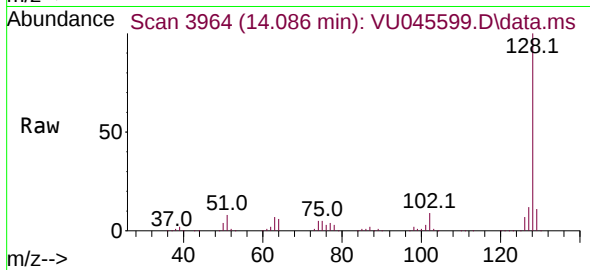
Tgt Ion:128 Resp: 468559
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.6 15.8
 129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#96

1,2,3-Trichlorobenzene

Concen: 51.912 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Tgt Ion:180 Resp: 126942
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.7 143.1
 145 34.7 16.7 50.0

