

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045576.D
 Acq On : 05 Nov 2021 22:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 06 21:47:46 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	130924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	234793	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	227009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	117030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	102898	52.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.960%			
35) Dibromofluoromethane	5.292	113	78984	50.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
50) Toluene-d8	7.899	98	300503	51.553	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.100%			
62) 4-Bromofluorobenzene	10.635	95	117150	50.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88966	52.410	ug/l	98
3) Chloromethane	1.523	50	96818	49.848	ug/l	99
4) Vinyl Chloride	1.604	62	99348	52.510	ug/l	100
5) Bromomethane	1.845	94	60623	57.447	ug/l	99
6) Chloroethane	1.928	64	60896	49.320	ug/l	99
7) Trichlorofluoromethane	2.137	101	129478	51.752	ug/l	99
8) Diethyl Ether	2.378	74	52075	52.582	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	73965	50.630	ug/l	96
10) Methyl Iodide	2.723	142	95722	50.069	ug/l	93
11) Tert butyl alcohol	3.176	59	108078	278.485	ug/l	99
12) 1,1-Dichloroethene	2.581	96	73088	50.742	ug/l	98
13) Acrolein	2.485	56	19864	353.203	ug/l	97
14) Allyl chloride	2.925	41	133797	52.022	ug/l	98
15) Acrylonitrile	3.314	53	278369	268.652	ug/l	98
16) Acetone	2.623	43	226025	226.453	ug/l	98
17) Carbon Disulfide	2.793	76	200011	49.575	ug/l	100
18) Methyl Acetate	2.948	43	183660	54.024	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	276664	53.360	ug/l	99
20) Methylene Chloride	3.047	84	88158	50.832	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	78942	52.680	ug/l	98
22) Diisopropyl ether	3.996	45	274725	54.401	ug/l	93
23) Vinyl Acetate	3.957	43	1057354	272.231	ug/l	99
24) 1,1-Dichloroethane	3.874	63	161345	53.615	ug/l	99
25) 2-Butanone	4.700	43	361566	261.183	ug/l	100
26) 2,2-Dichloropropane	4.668	77	120671	48.390	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	93092	52.892	ug/l	99
28) Bromochloromethane	4.976	49	75498	52.623	ug/l	97
29) Tetrahydrofuran	5.050	42	230048	271.675	ug/l	100
30) Chloroform	5.092	83	155176	52.138	ug/l	99
31) Cyclohexane	5.391	56	142077	49.661	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	134547	53.012	ug/l	97
36) 1,1-Dichloropropene	5.529	75	115632	50.507	ug/l	100
37) Ethyl Acetate	4.803	43	135976	51.704	ug/l	99
38) Carbon Tetrachloride	5.529	117	116575	50.507	ug/l	99
39) Methylcyclohexane	6.767	83	140774	50.122	ug/l	96
40) Benzene	5.777	78	337637	49.813	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	74766	53.796	ug/l	99
42) 1,2-Dichloroethane	5.796	62	126247	51.565	ug/l	99
43) Isopropyl Acetate	5.912	43	212088	52.725	ug/l	99
44) Trichloroethene	6.546	130	82383	50.776	ug/l	97
45) 1,2-Dichloropropane	6.793	63	93392	52.073	ug/l	97
46) Dibromomethane	6.918	93	63338	50.969	ug/l	99
47) Bromodichloromethane	7.108	83	122285	51.862	ug/l	96
48) Methyl methacrylate	6.960	41	98207	53.044	ug/l	97
49) 1,4-Dioxane	6.960	88	52736	1107.607	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	706550	266.274	ug/l	100
52) Toluene	7.970	92	217217	52.345	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	138531	51.121	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	149949	52.096	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	88397	51.398	ug/l	98
56) Ethyl methacrylate	8.333	69	144736	47.068	ug/l	98
57) 1,3-Dichloropropane	8.578	76	159527	51.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	384251	242.682	ug/l	100
59) 2-Hexanone	8.687	43	547633	237.573	ug/l	98
60) Dibromochloromethane	8.812	129	93259	52.075	ug/l	98
61) 1,2-Dibromoethane	8.925	107	95000	51.502	ug/l	99
64) Tetrachloroethene	8.555	164	66930	51.369	ug/l	98
65) Chlorobenzene	9.449	112	224747	50.403	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	81755	51.408	ug/l	98
67) Ethyl Benzene	9.571	91	419548	52.540	ug/l	99
68) m/p-Xylenes	9.697	106	320521	106.431	ug/l	99
69) o-Xylene	10.102	106	158137	54.011	ug/l	100
70) Styrene	10.115	104	269796	54.469	ug/l	98
71) Bromoform	10.295	173	69349	46.315	ug/l #	99
73) Isopropylbenzene	10.484	105	412413	53.934	ug/l	99
74) N-amyl acetate	10.320	43	188274	54.579	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	155251	51.245	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	151218m	42.608	ug/l	
77) Bromobenzene	10.783	156	96350	51.897	ug/l	97
78) n-propylbenzene	10.909	91	506946	53.267	ug/l	100
79) 2-Chlorotoluene	10.989	91	295550	52.564	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	361355	54.087	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	49900	46.296	ug/l	98
82) 4-Chlorotoluene	11.098	91	345705	52.426	ug/l	99
83) tert-Butylbenzene	11.423	119	341955	53.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	362803	54.639	ug/l	99
85) sec-Butylbenzene	11.645	105	454389	53.797	ug/l	100
86) p-Isopropyltoluene	11.796	119	377433	53.475	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	187304	50.002	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	187741	49.555	ug/l	99
89) n-Butylbenzene	12.211	91	354847	52.191	ug/l	100
90) Hexachloroethane	12.478	117	66868	52.517	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	187059	51.327	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	38074	53.261	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	126817	50.327	ug/l	98
94) Hexachlorobutadiene	14.024	225	51102	46.980	ug/l	98
95) Naphthalene	14.089	128	472959	49.927	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	130188	52.015	ug/l	99

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

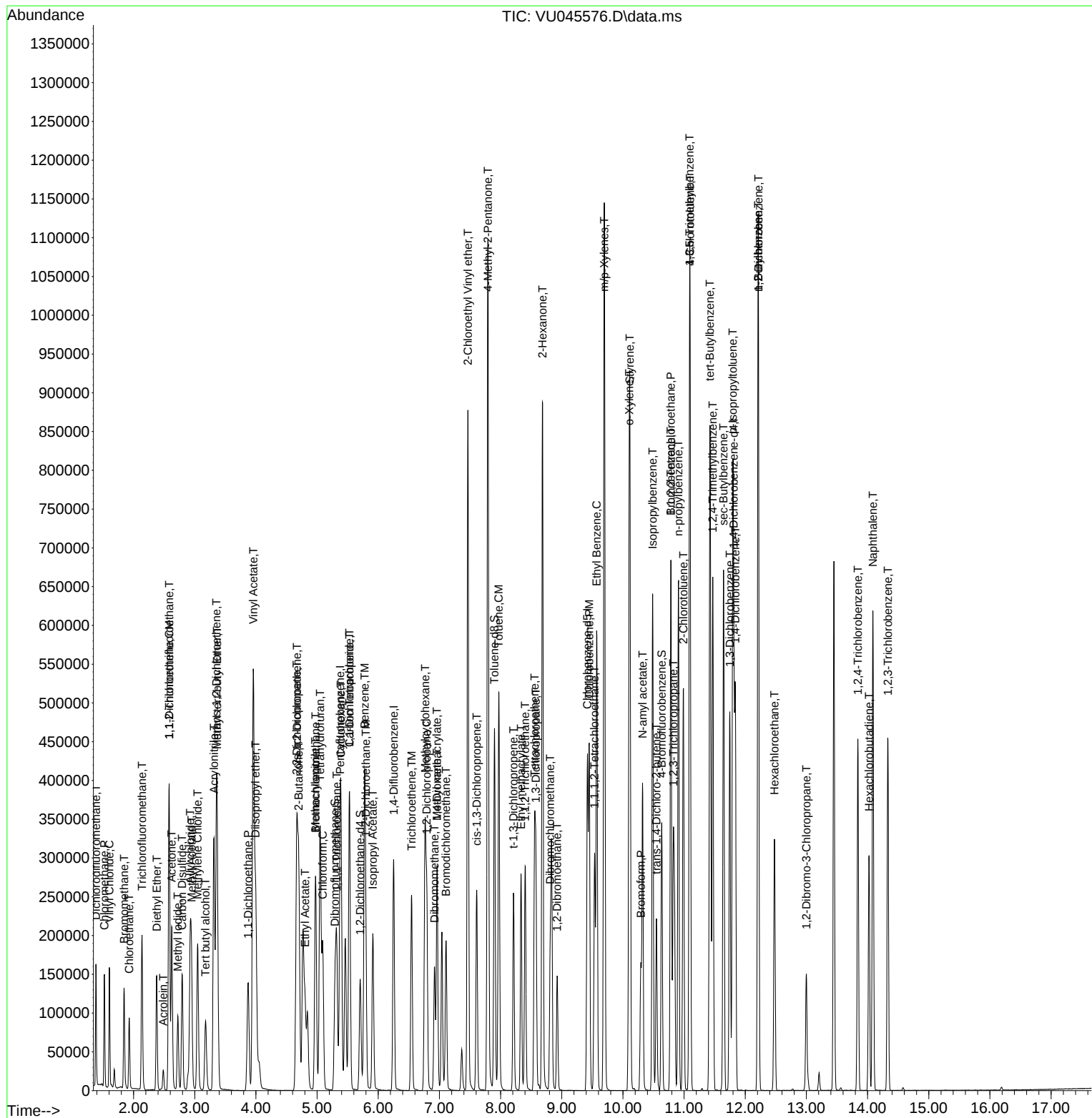
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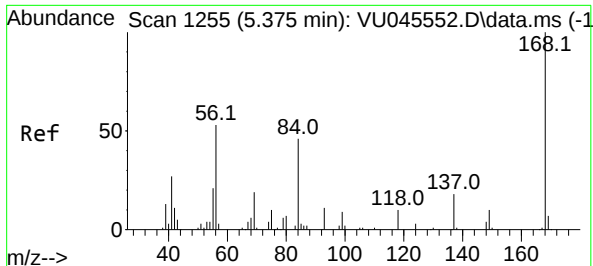
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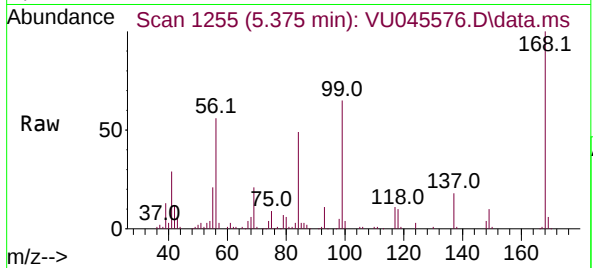
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

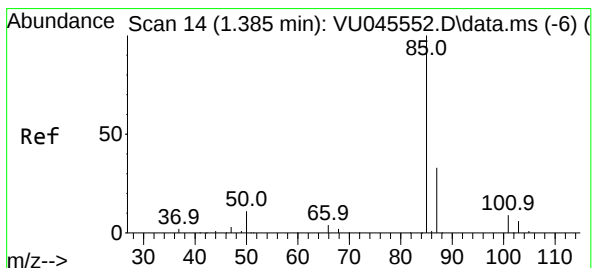
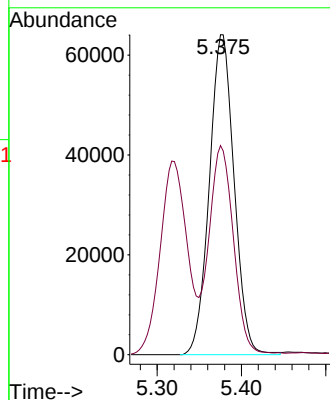
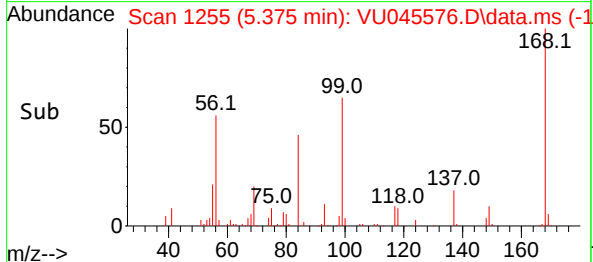
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 130924
Ion Ratio Lower Upper
168 100
99 64.7 51.0 76.6

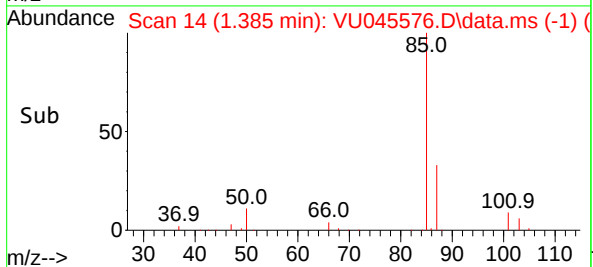
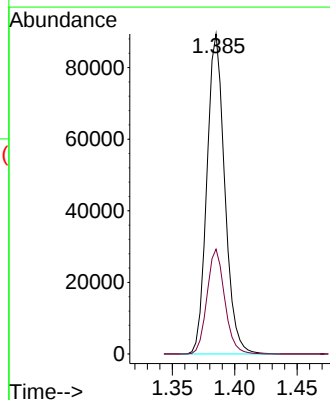
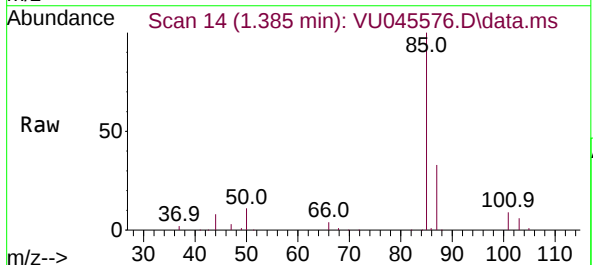
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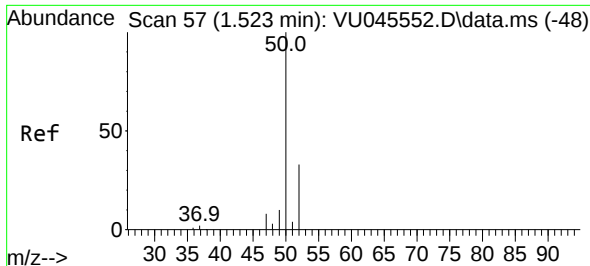
Reviewed By :John Carlone 11/08/2021
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#2
Dichlorodifluoromethane
Concen: 52.410 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

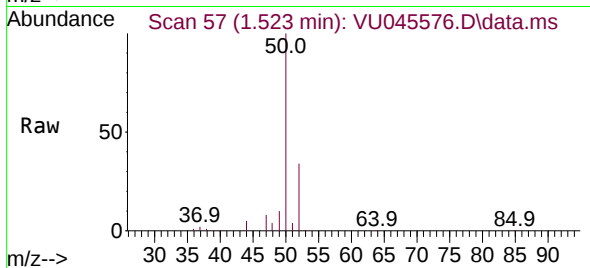
Tgt Ion: 85 Resp: 88966
Ion Ratio Lower Upper
85 100
87 32.7 15.9 47.7





#3
Chloromethane
Concen: 49.848 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

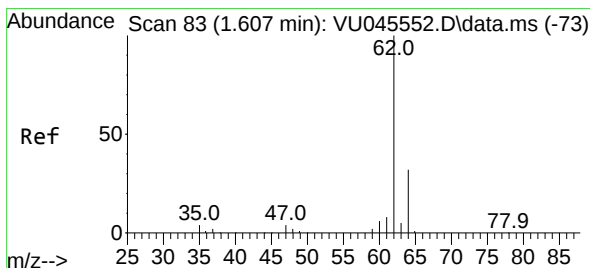
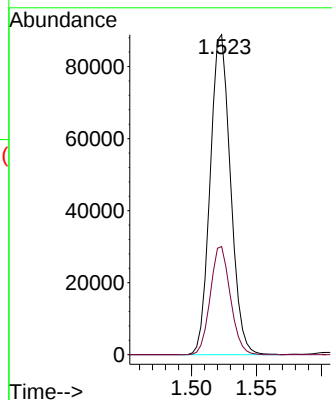
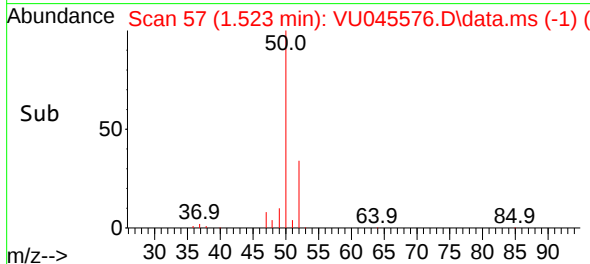
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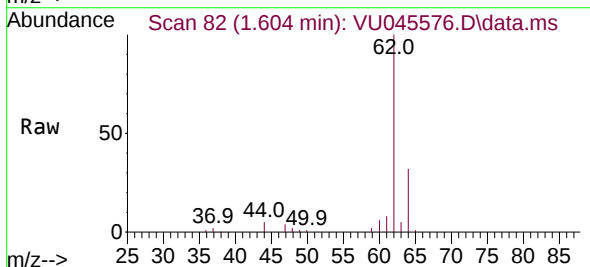
Tgt Ion: 50 Resp: 96818
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0

Manual Integrations
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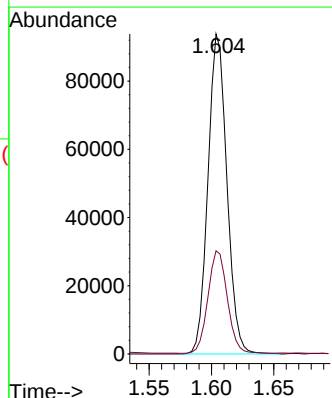
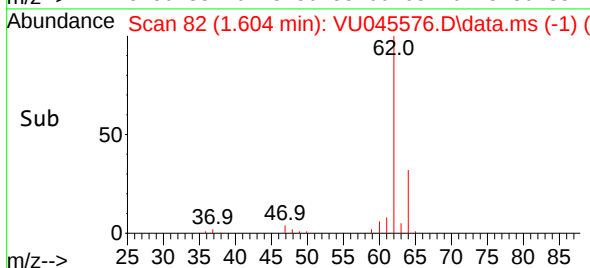
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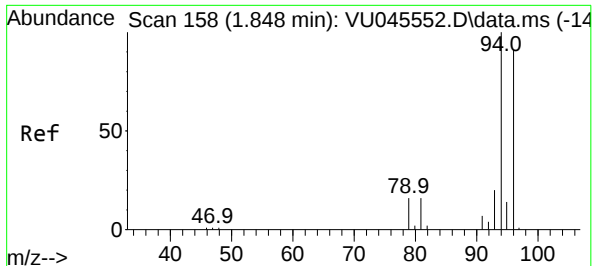


#4
Vinyl Chloride
Concen: 52.510 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



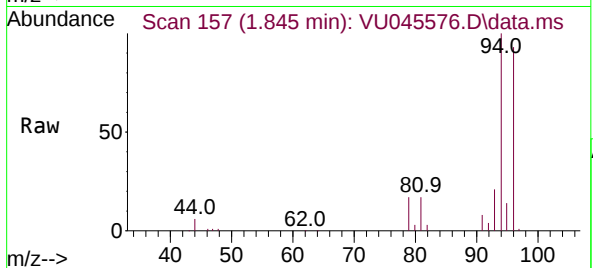
Tgt Ion: 62 Resp: 99348
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 57.447 ug/l
RT: 1.845 min Scan# 157
Delta R.T. -0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

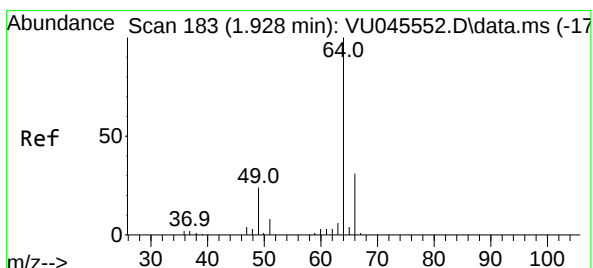
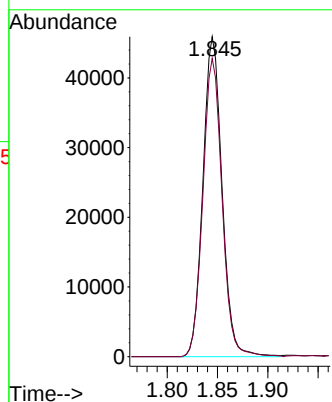
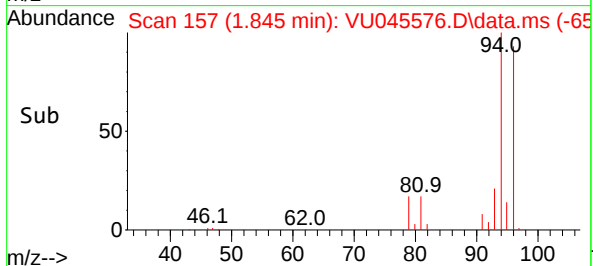
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Tgt Ion: 94 Resp: 6062
Ion Ratio Lower Upper
94 100
96 93.2 75.4 113.2

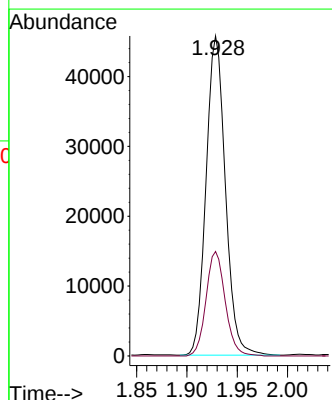
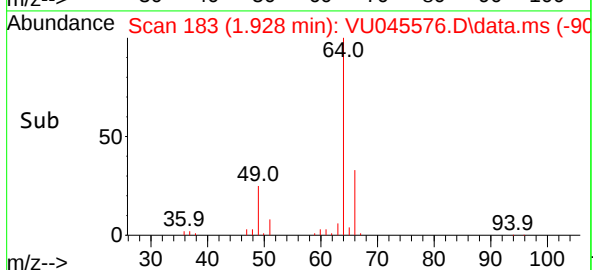
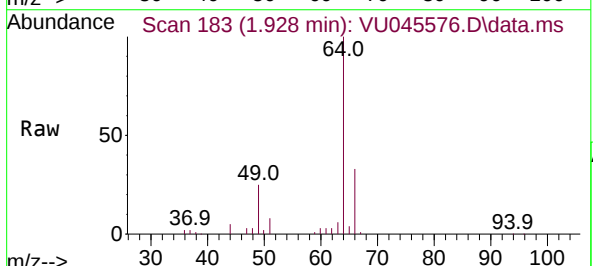
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#6
Chloroethane
Concen: 49.320 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

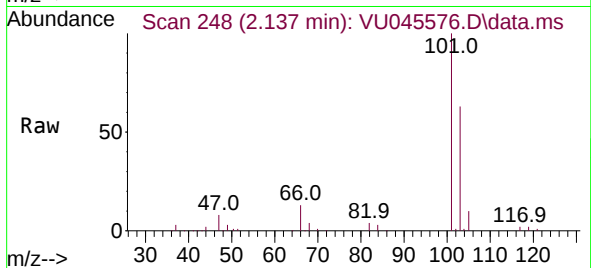
Tgt Ion: 64 Resp: 60896
Ion Ratio Lower Upper
64 100
66 32.7 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 51.752 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

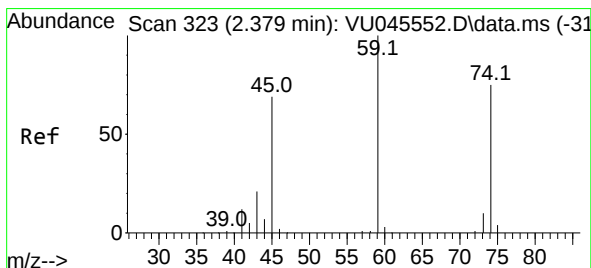
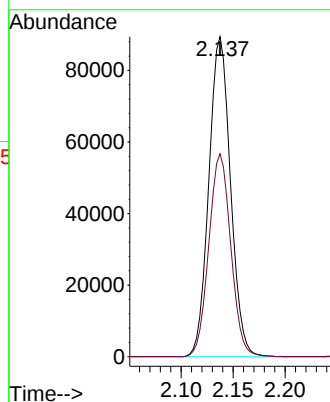
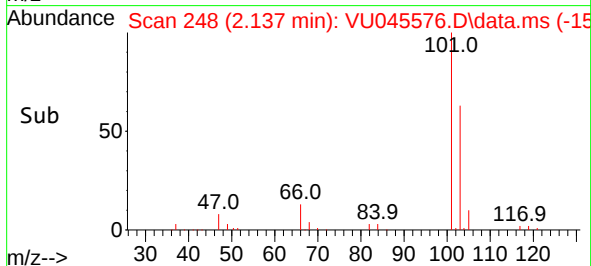
Instrument :
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Tgt Ion:101 Resp: 129478
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0

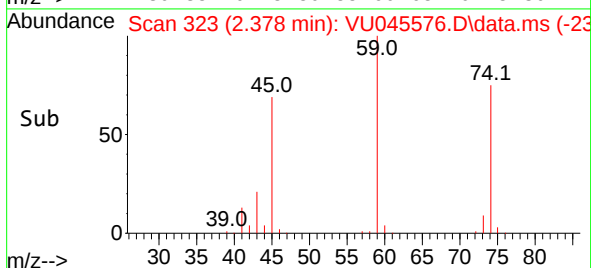
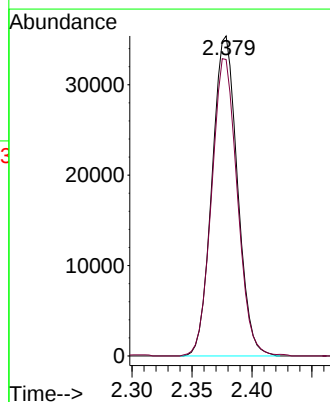
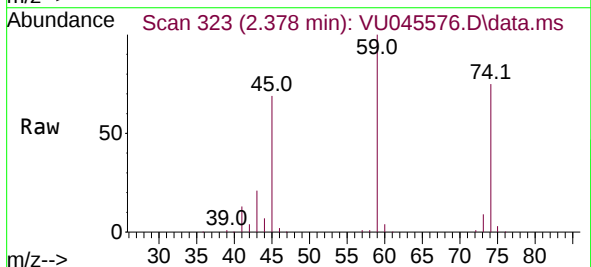
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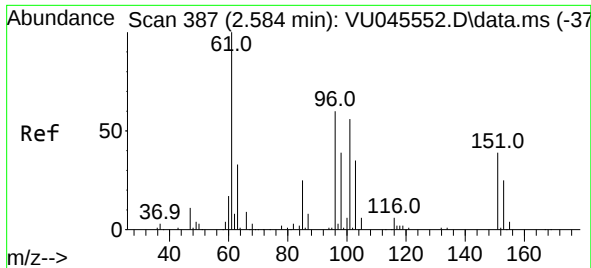
Reviewed By :John Carlone 11/08/2021
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#8
 Diethyl Ether
 Concen: 52.582 ug/l
 RT: 2.378 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

Tgt Ion: 74 Resp: 52075
 Ion Ratio Lower Upper
 74 100
 45 94.2 47.3 141.8





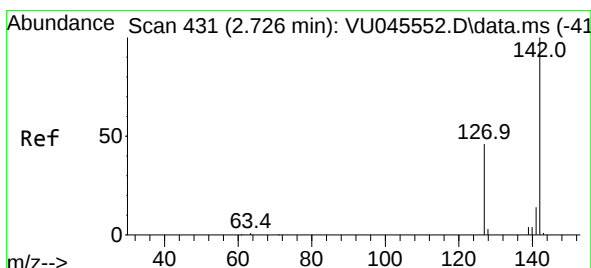
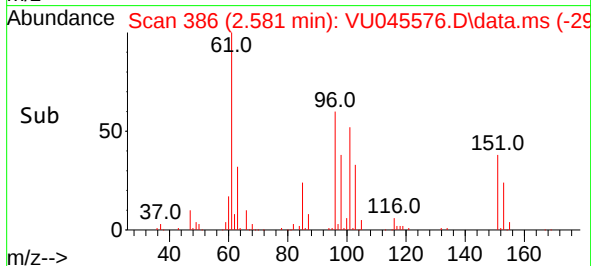
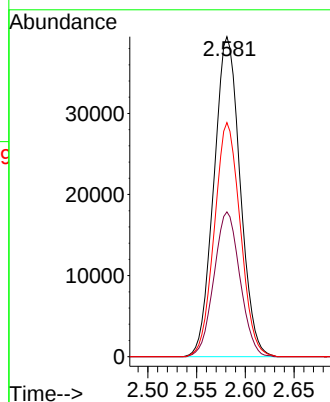
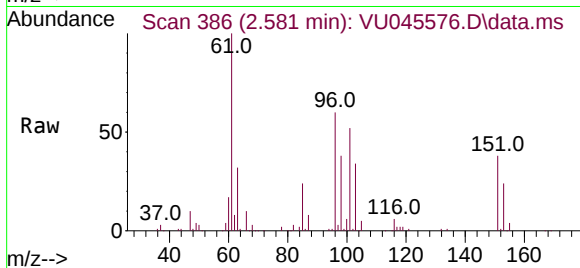
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.630 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7396
Ion Ratio Lower Upper
101 100
85 44.8 35.0 52.4
151 72.4 54.6 82.0

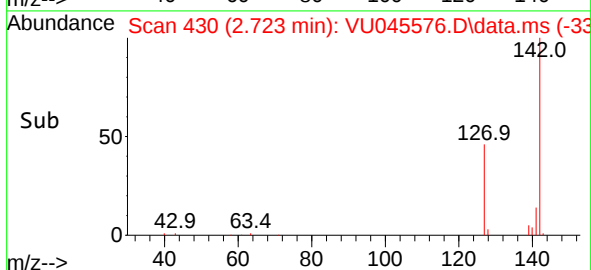
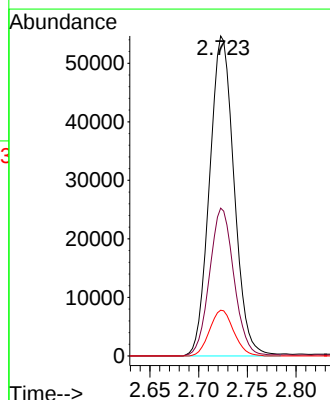
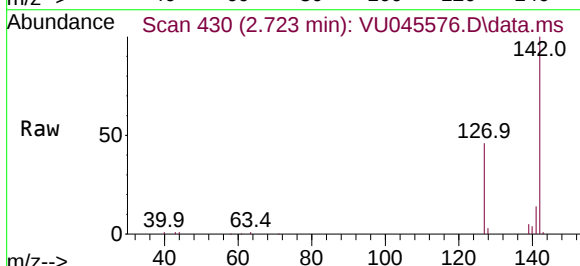
Manual Integrations
APPROVED

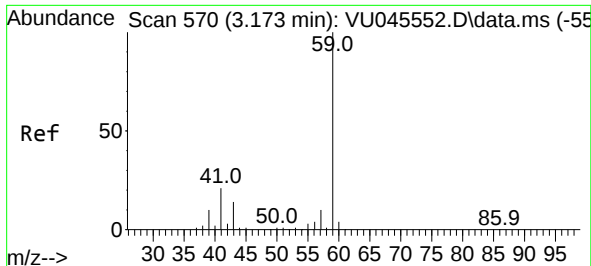
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#10
Methyl Iodide
Concen: 50.069 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion:142 Resp: 95722
Ion Ratio Lower Upper
142 100
127 46.2 32.2 48.2
141 14.1 11.3 16.9





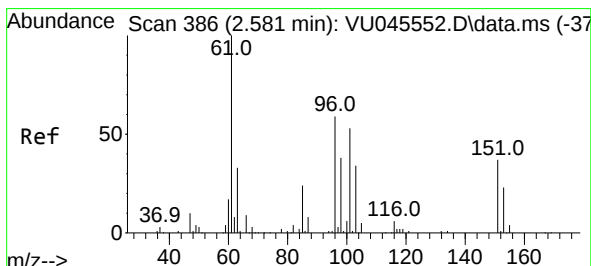
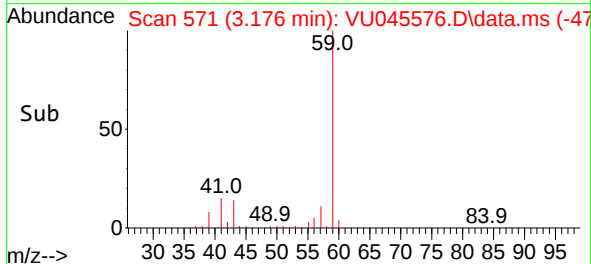
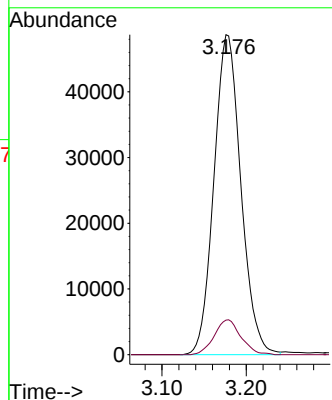
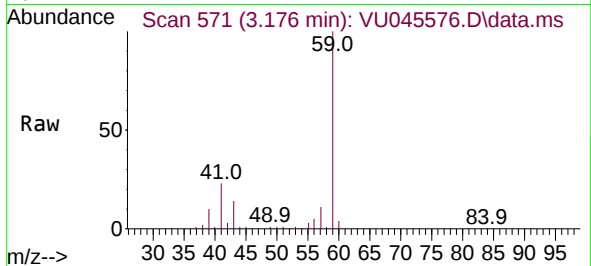
#11
Tert butyl alcohol
Concen: 278.485 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 108078
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

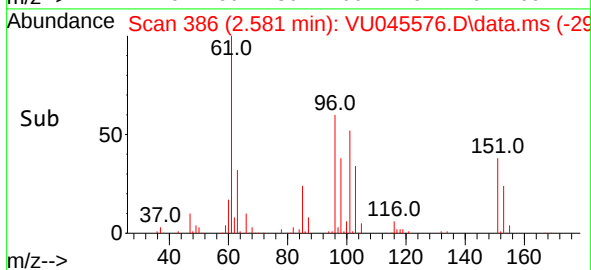
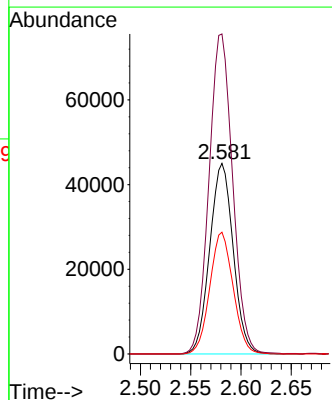
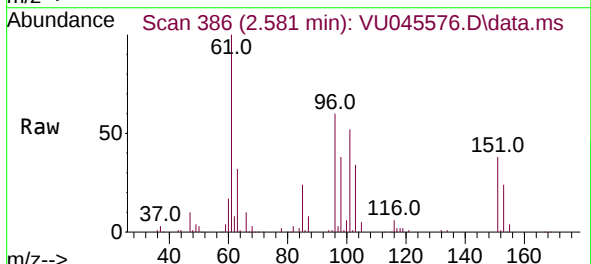
Manual Integrations
APPROVED

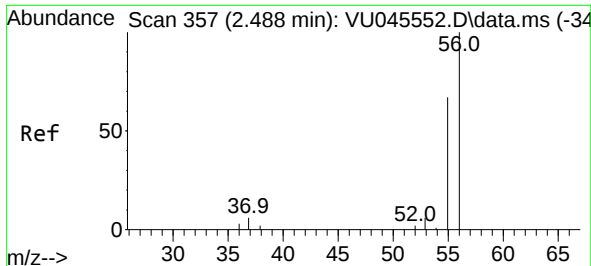
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#12
1,1-Dichloroethene
Concen: 50.742 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion: 96 Resp: 73088
Ion Ratio Lower Upper
96 100
61 168.0 137.1 205.7
98 63.9 51.5 77.3





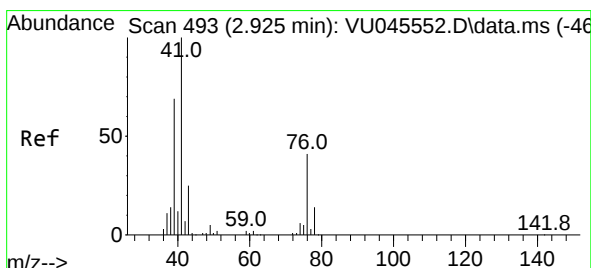
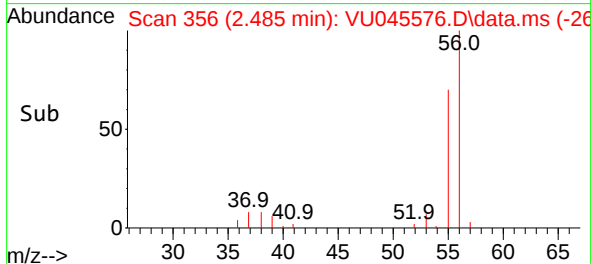
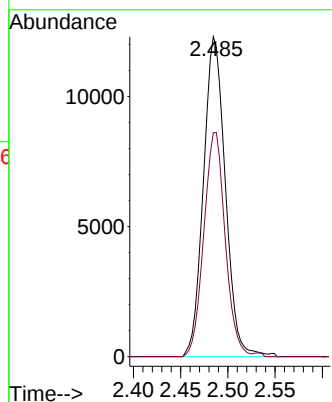
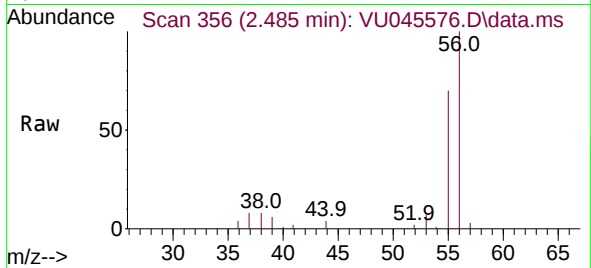
#13
Acrolein
Concen: 353.203 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 19864
Ion Ratio Lower Upper
56 100
55 68.3 56.3 84.5

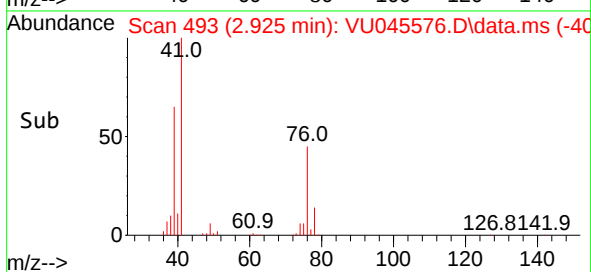
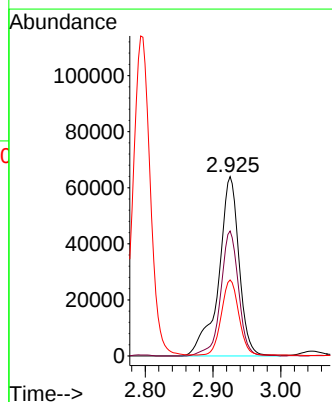
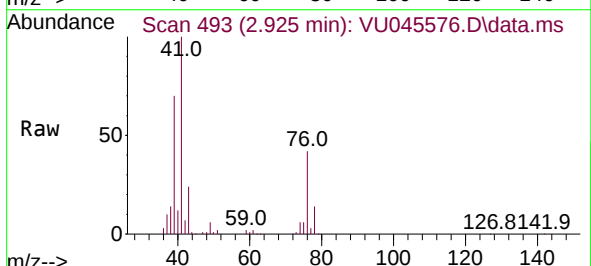
Manual Integrations
APPROVED

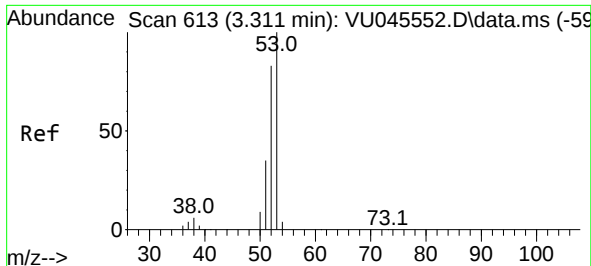
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#14
Allyl chloride
Concen: 52.022 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

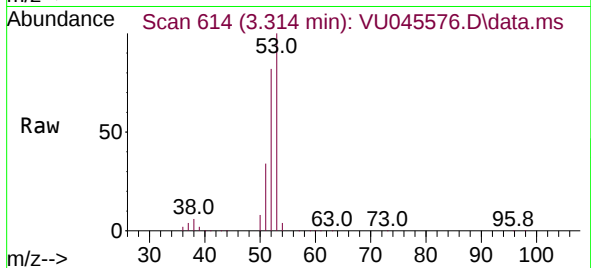
Tgt Ion: 41 Resp: 133797
Ion Ratio Lower Upper
41 100
39 61.0 49.7 74.5
76 35.8 27.7 41.5





#15
Acrylonitrile
Concen: 268.652 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

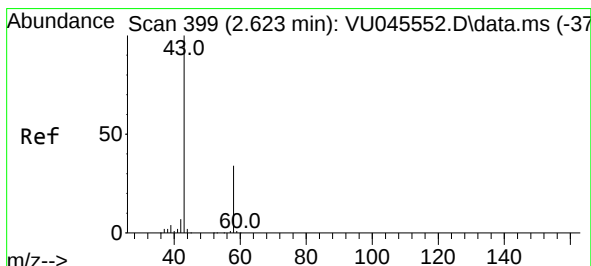
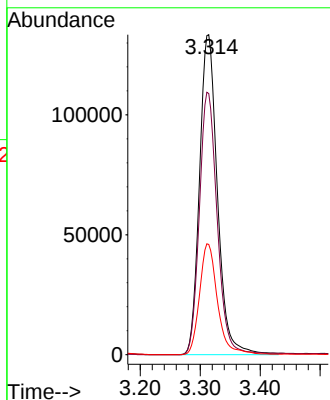
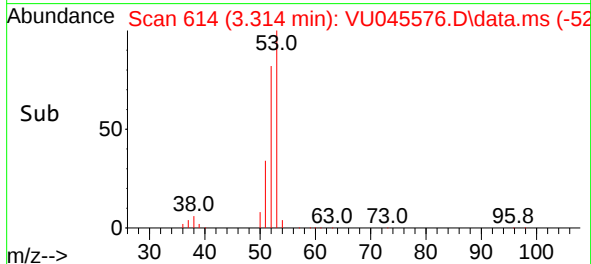
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 278369
Ion Ratio Lower Upper
53 100
52 81.5 66.6 100.0
51 34.7 28.4 42.6

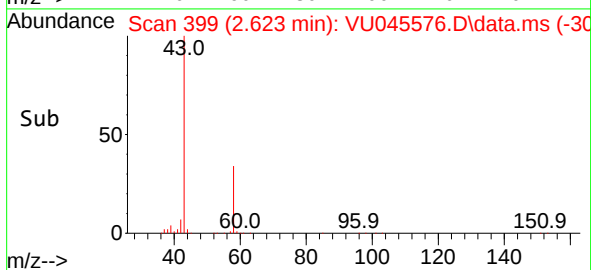
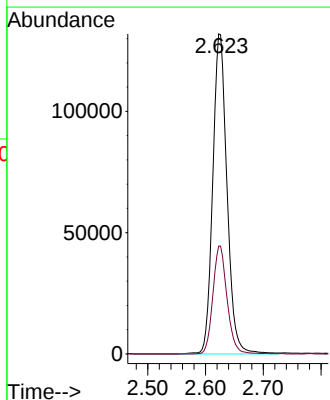
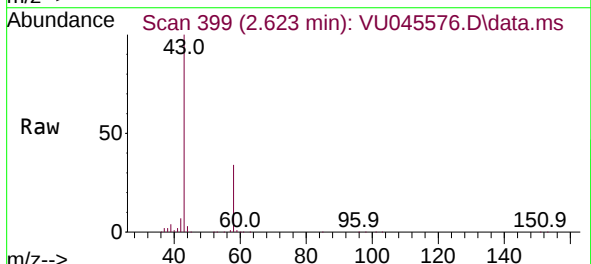
Manual Integrations
APPROVED

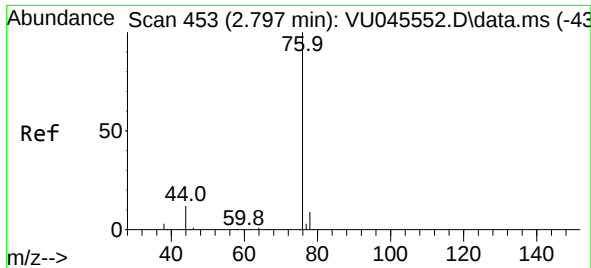
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#16
Acetone
Concen: 226.453 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion: 43 Resp: 226025
Ion Ratio Lower Upper
43 100
58 33.7 26.2 39.2





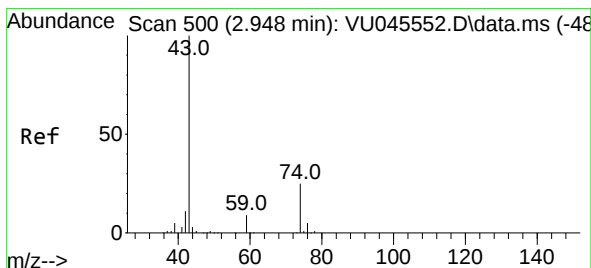
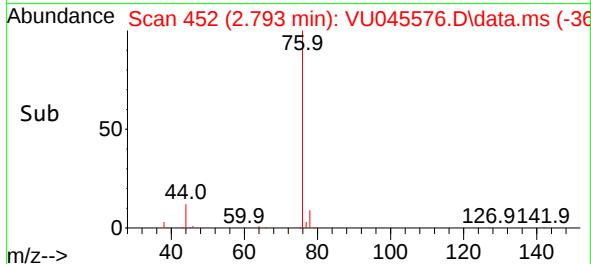
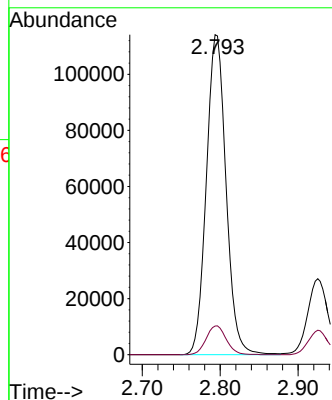
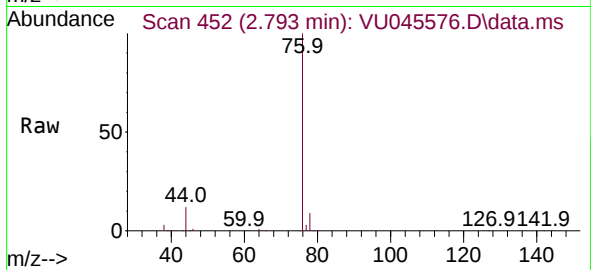
#17
Carbon Disulfide
Concen: 49.575 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 20001
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

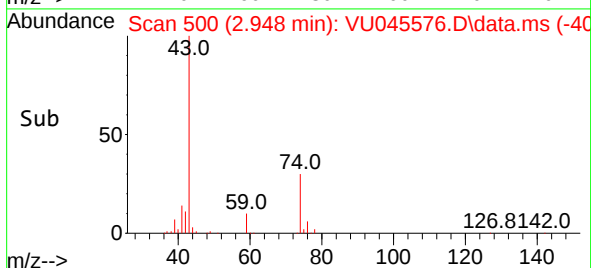
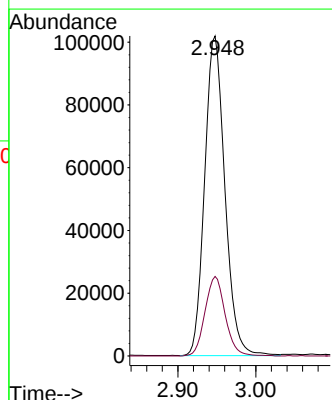
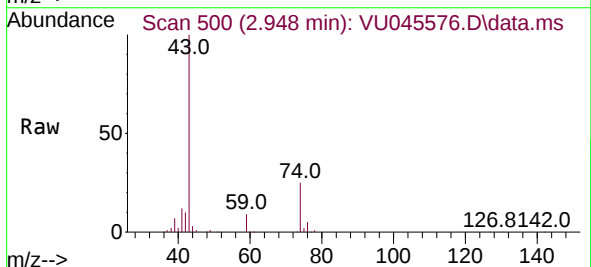
Manual Integrations
APPROVED

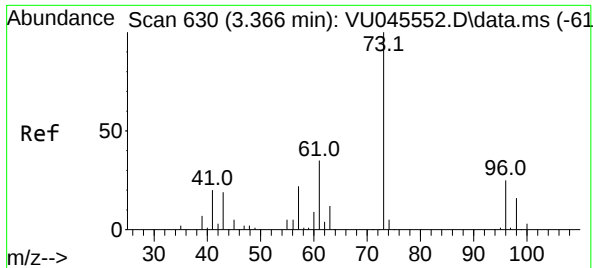
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#18
Methyl Acetate
Concen: 54.024 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion: 43 Resp: 183660
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 53.360 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 276664

Ion Ratio Lower Upper

73 100

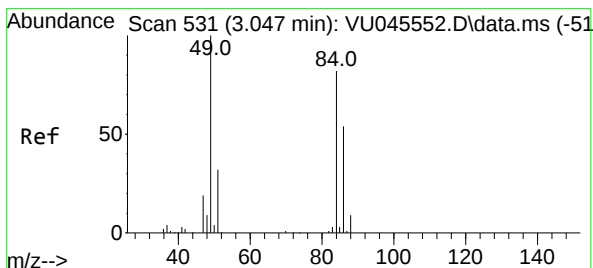
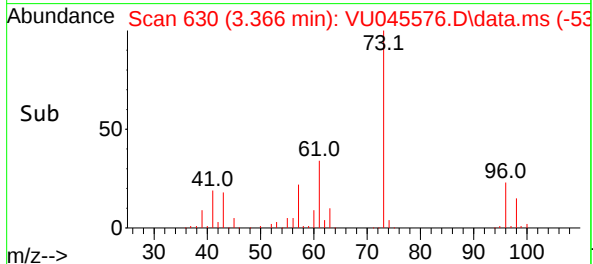
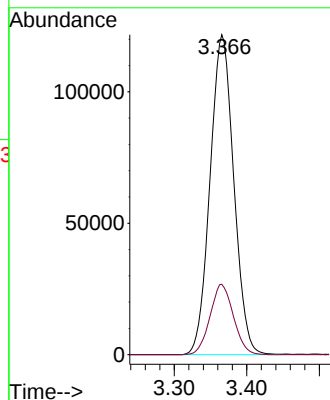
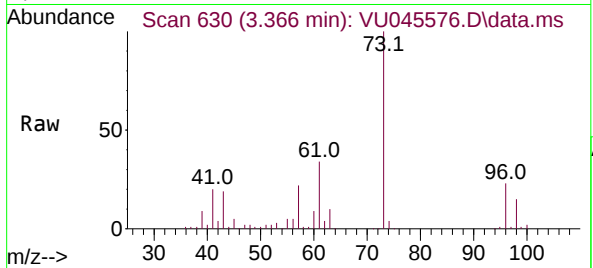
57 22.0 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#20

Methylene Chloride

Concen: 50.832 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Tgt Ion: 84 Resp: 88158

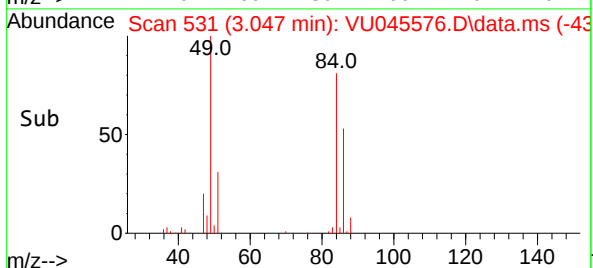
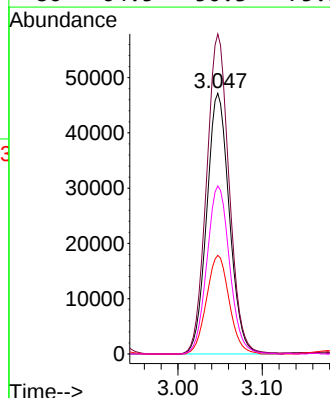
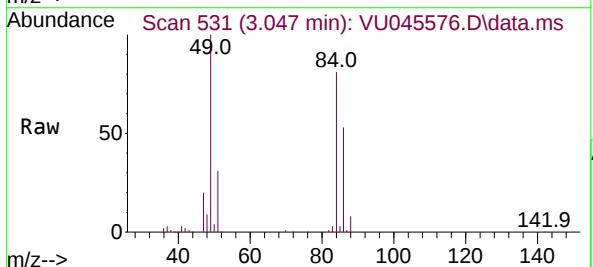
Ion Ratio Lower Upper

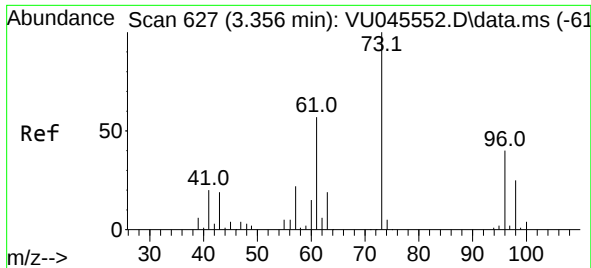
84 100

49 122.8 96.4 144.6

51 37.8 30.5 45.7

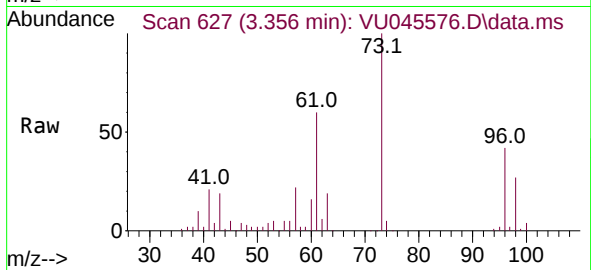
86 64.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 52.680 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

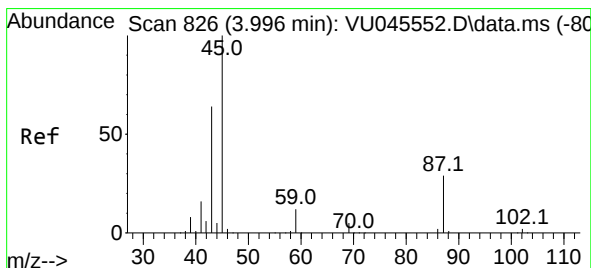
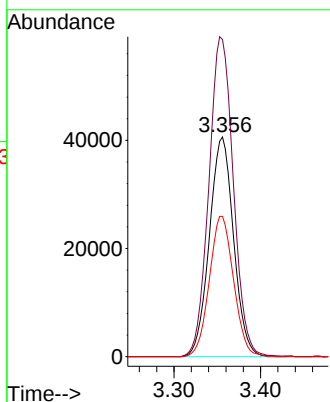
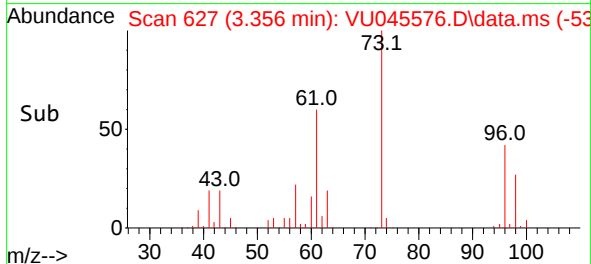
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



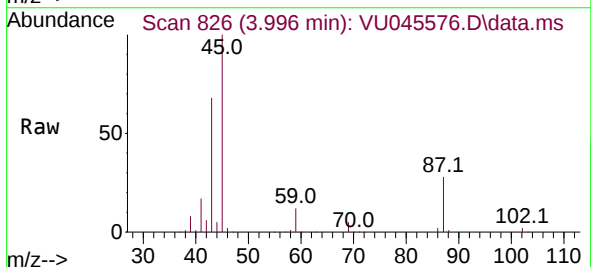
Tgt Ion: 96 Resp: 7894
Ion Ratio Lower Upper
96 100
61 144.4 118.2 177.4
98 63.9 52.1 78.1

Manual Integrations
APPROVED

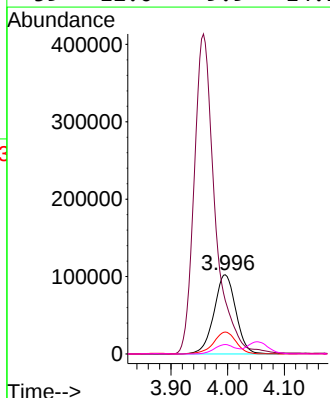
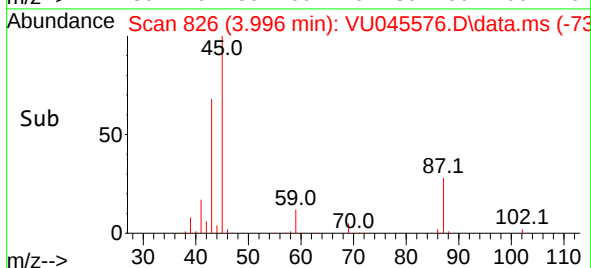
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

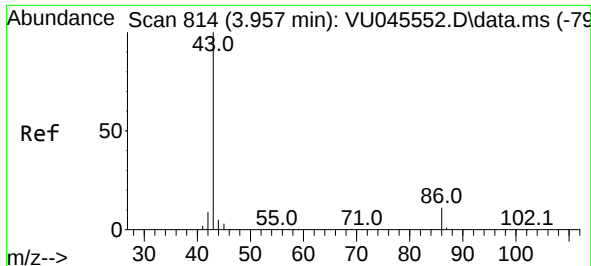


#22
Diisopropyl ether
Concen: 54.401 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



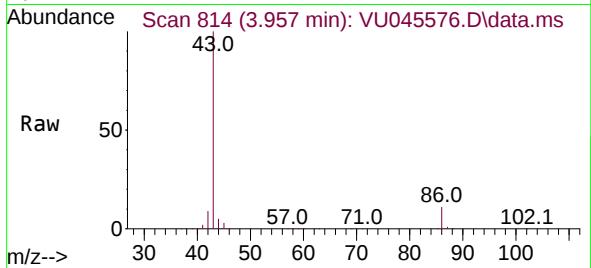
Tgt Ion: 45 Resp: 274725
Ion Ratio Lower Upper
45 100
43 66.2 60.0 90.0
87 27.7 22.3 33.5
59 12.0 9.9 14.9





#23
 Vinyl Acetate
 Concen: 272.231 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

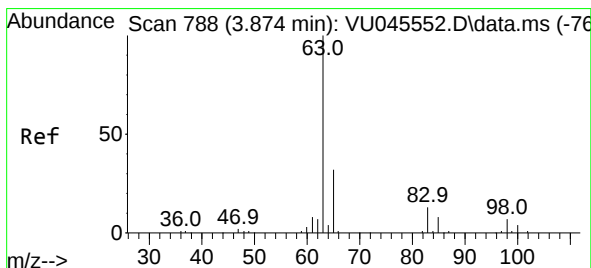
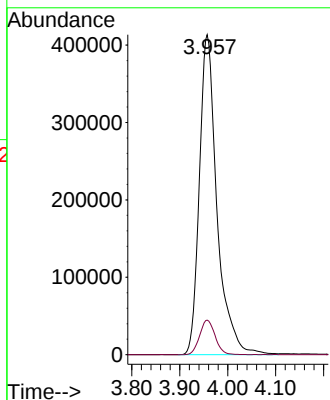
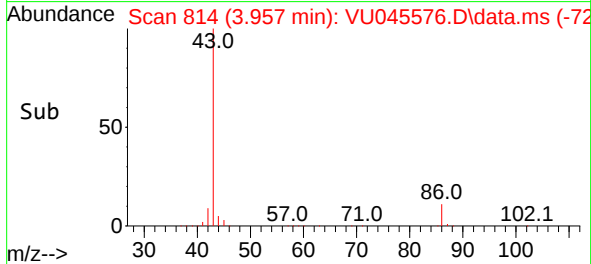
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



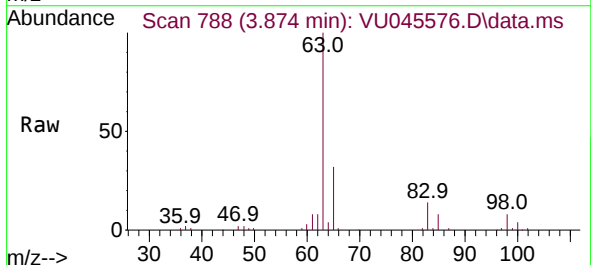
Tgt Ion: 43 Resp: 1057354
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3

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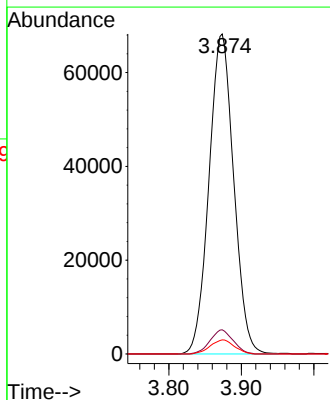
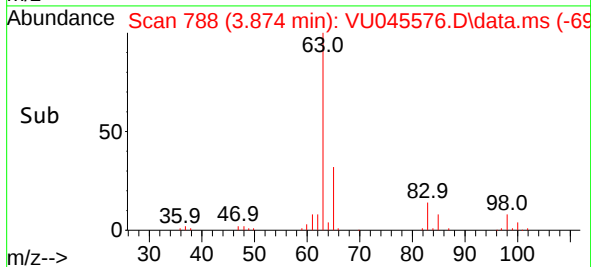
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021



#24
 1,1-Dichloroethane
 Concen: 53.615 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19



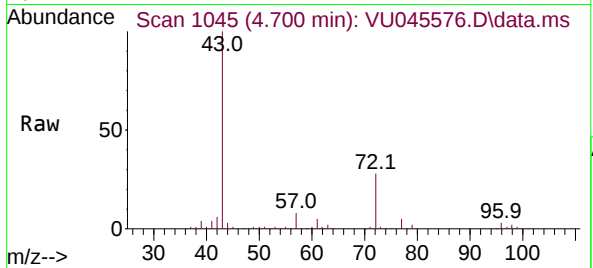
Tgt Ion: 63 Resp: 161345
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 261.183 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

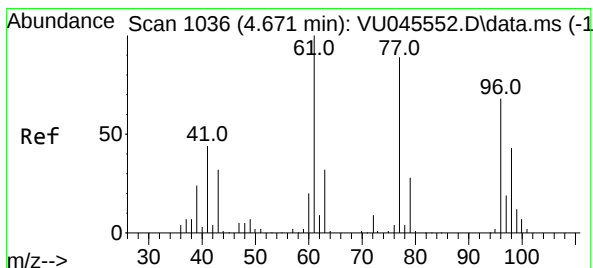
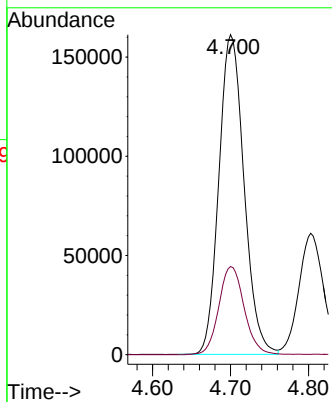
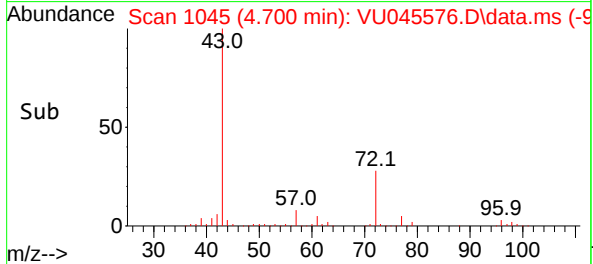
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 361560
Ion Ratio Lower Upper
43 100
72 27.6 22.0 33.0

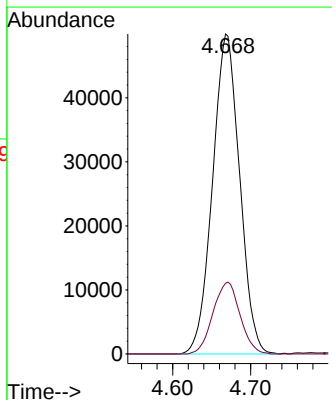
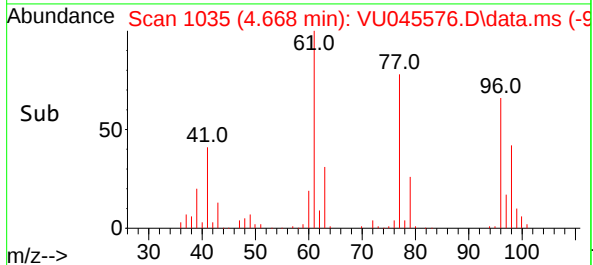
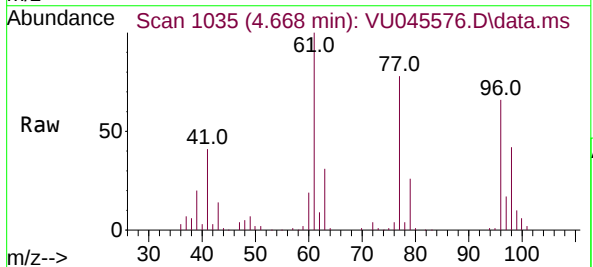
Manual Integrations
APPROVED

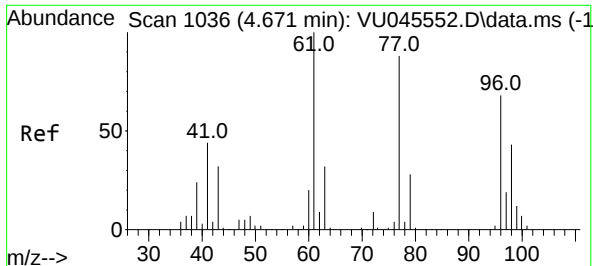
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#26
2,2-Dichloropropane
Concen: 48.390 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion: 77 Resp: 120671
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.892 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

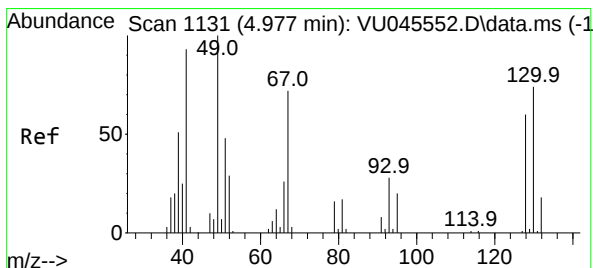
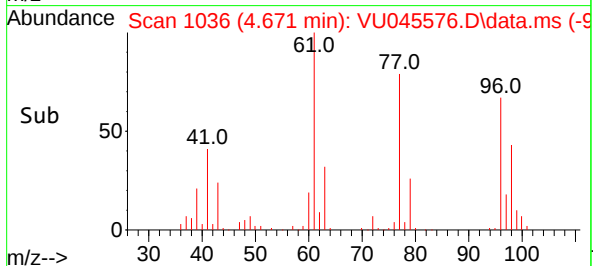
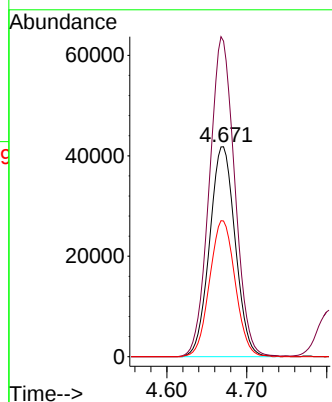
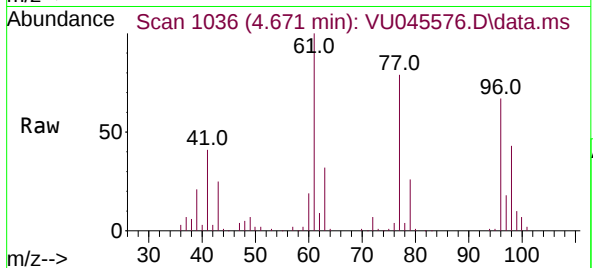
VSTDCCC050

Tgt Ion: 96 Resp: 93092
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 299.2
 98 64.7 0.0 127.6

Manual Integrations

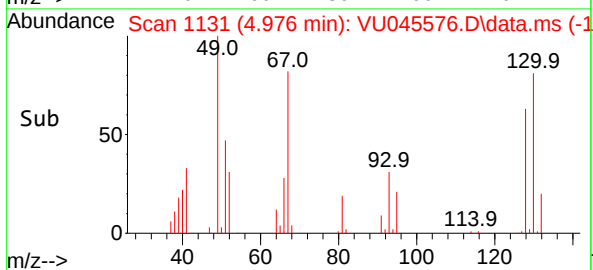
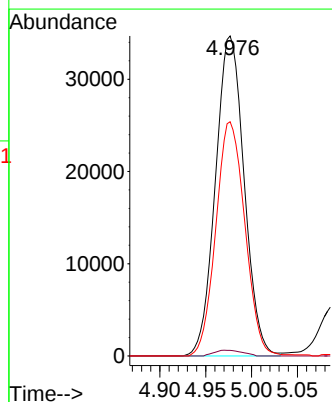
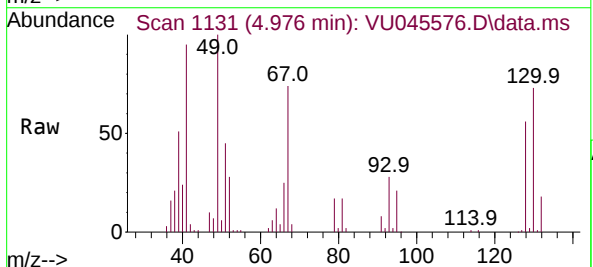
APPROVED

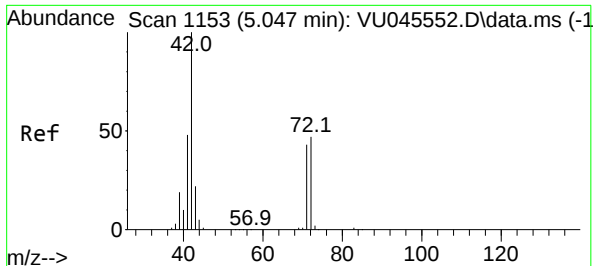
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021



#28
 Bromochloromethane
 Concen: 52.623 ug/l
 RT: 4.976 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

Tgt Ion: 49 Resp: 75498
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 74.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 271.675 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 230048

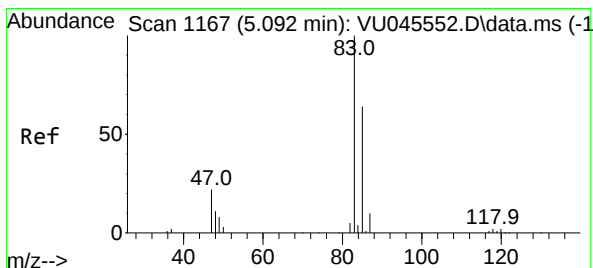
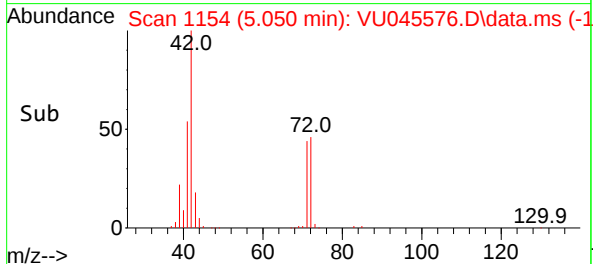
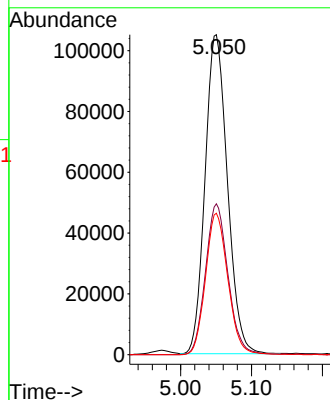
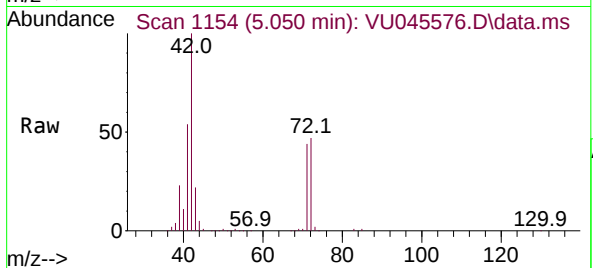
Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.2	57.4
71	44.3	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#30

Chloroform

Concen: 52.138 ug/l

RT: 5.092 min Scan# 1167

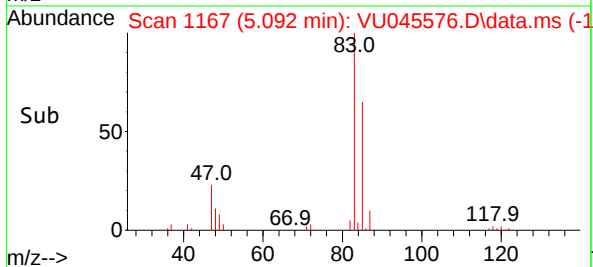
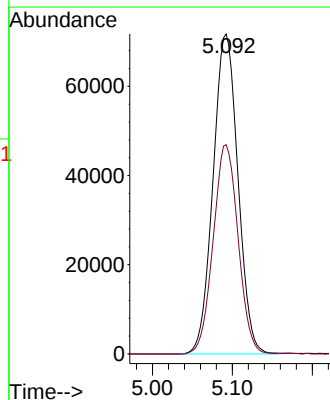
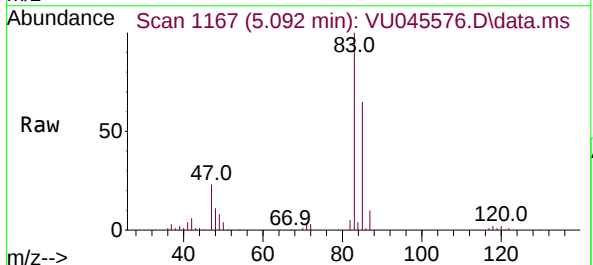
Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Tgt Ion: 83 Resp: 155176

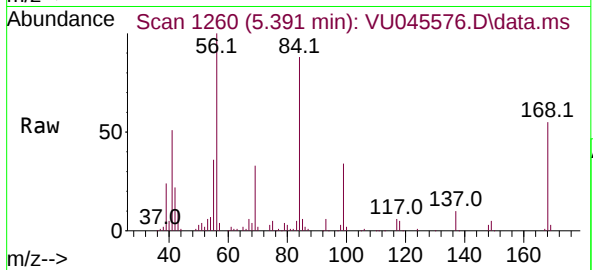
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.0	78.0





#31
Cyclohexane
Concen: 49.661 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

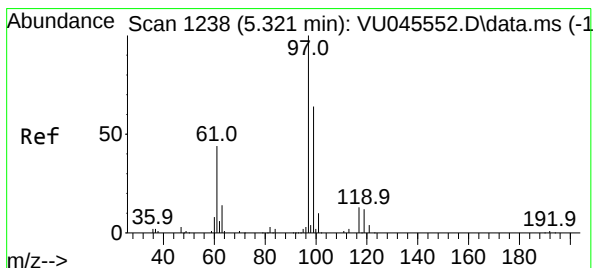
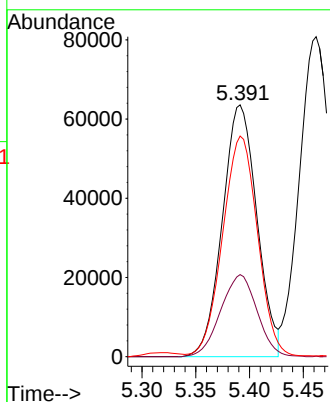
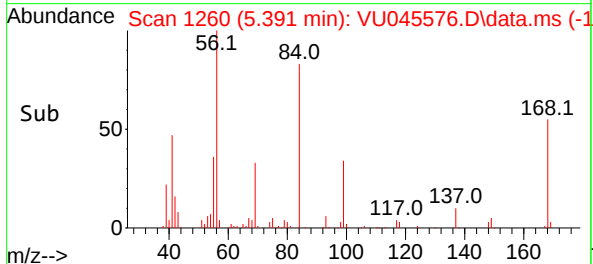
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



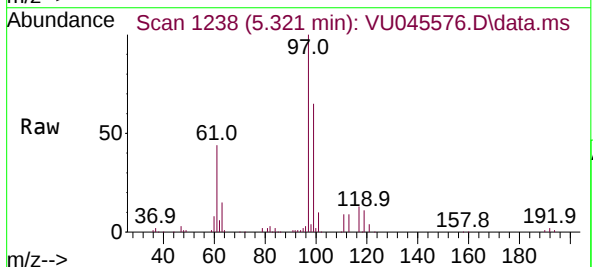
Tgt Ion: 56 Resp: 142072
Ion Ratio Lower Upper
56 100
69 32.6 26.4 39.6
84 86.5 68.4 102.6

Manual Integrations
APPROVED

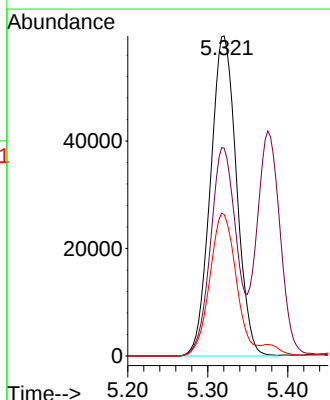
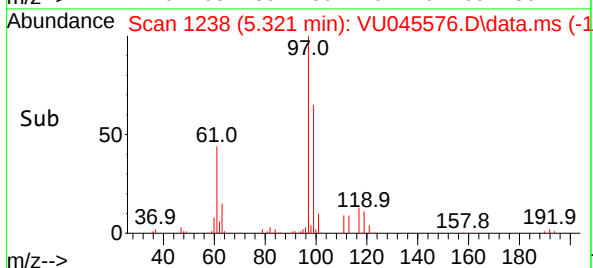
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

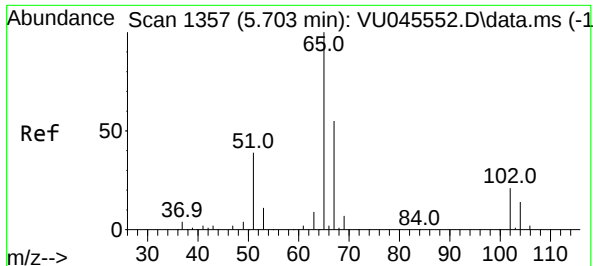


#32
1,1,1-Trichloroethane
Concen: 53.012 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



Tgt Ion: 97 Resp: 134547
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 45.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.479 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 102898

Ion Ratio Lower Upper

65 100

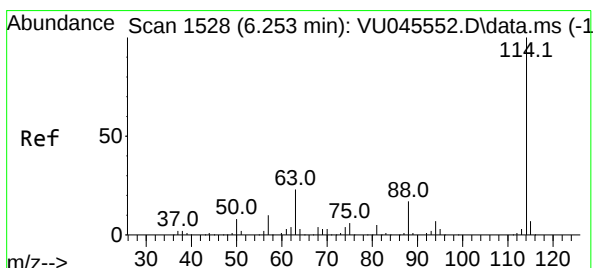
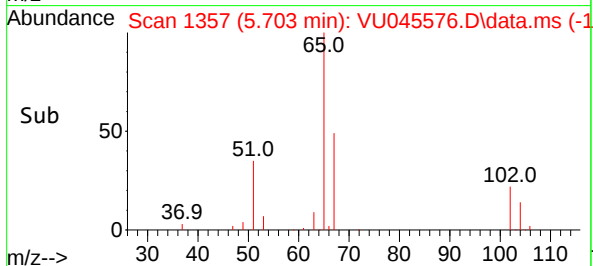
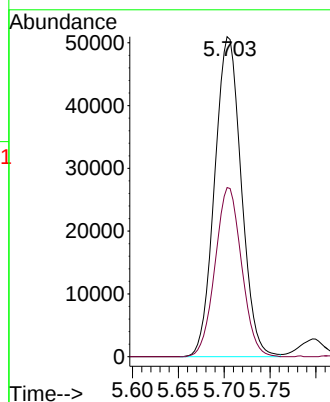
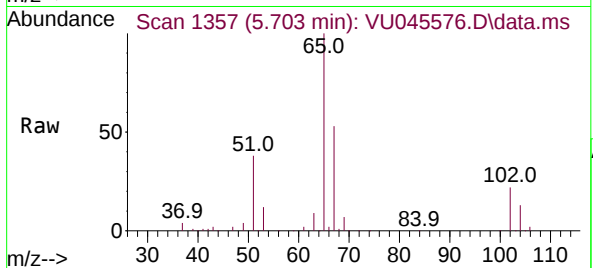
67 52.6 0.0 105.8

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: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

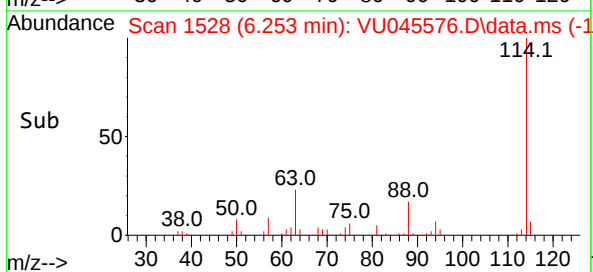
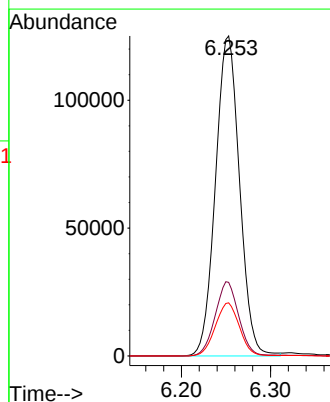
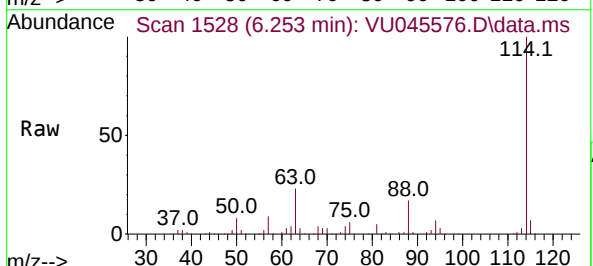
Tgt Ion:114 Resp: 234793

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

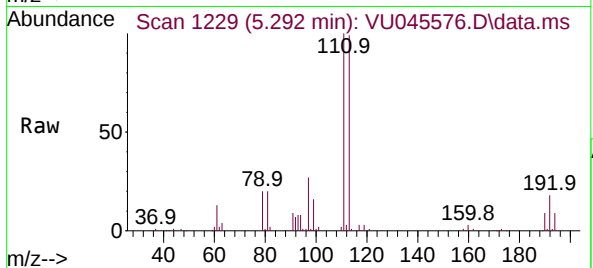
88 16.6 0.0 33.8





#35
Dibromofluoromethane
Concen: 50.386 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

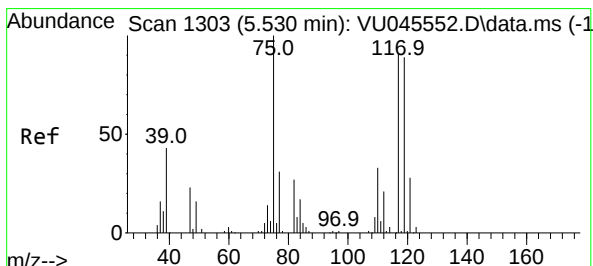
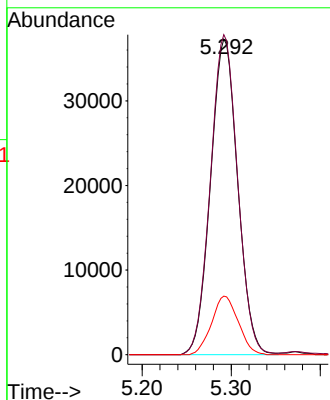
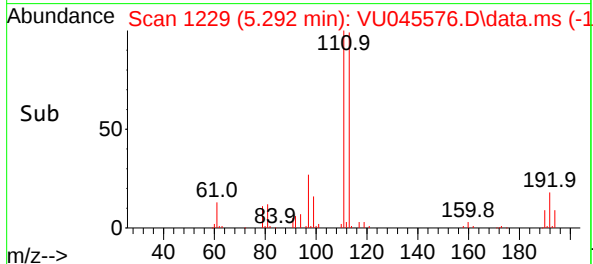
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 78984
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 18.2 14.8 22.2

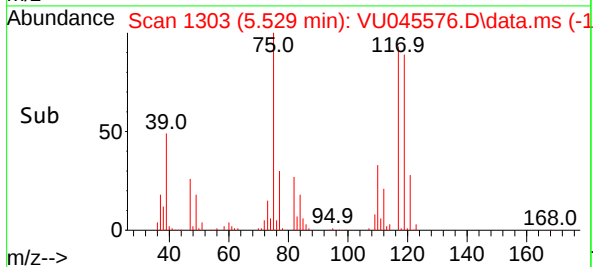
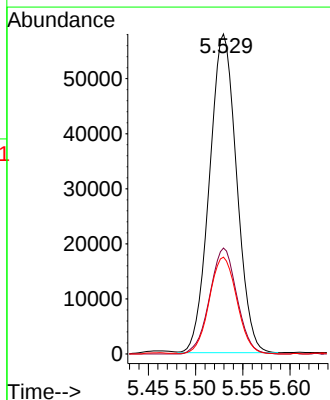
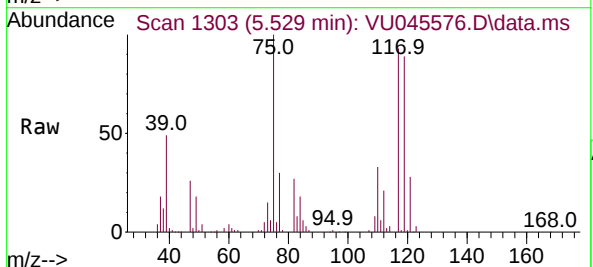
Manual Integrations
APPROVED

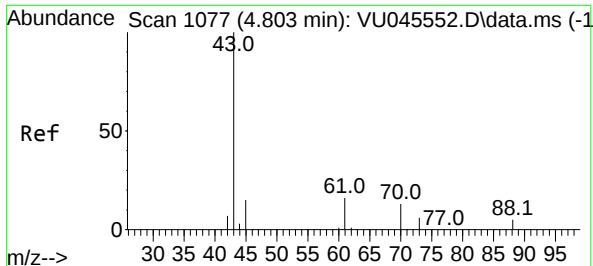
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#36
1,1-Dichloropropene
Concen: 50.507 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion: 75 Resp: 115632
Ion Ratio Lower Upper
75 100
110 33.3 16.7 50.0
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 51.704 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 135970

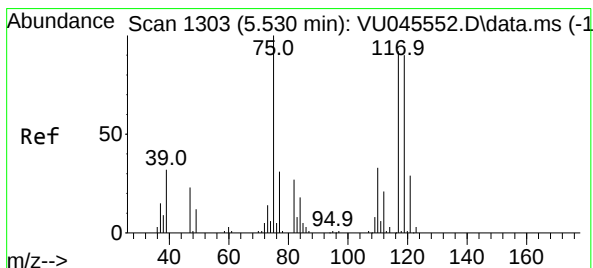
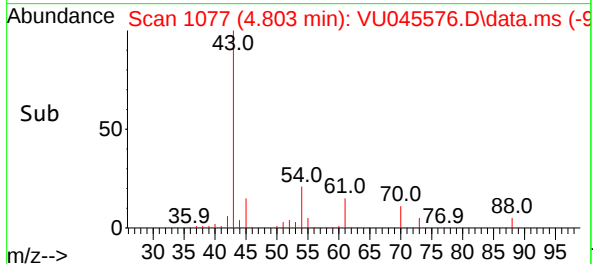
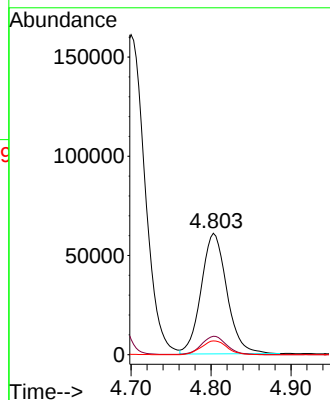
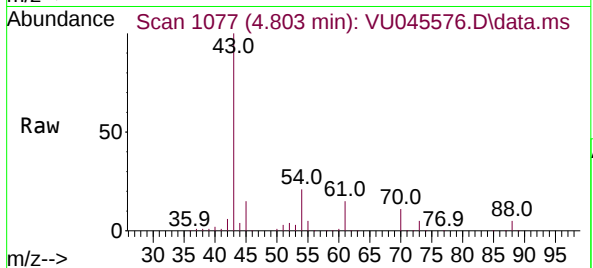
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.6	17.4
70	11.4	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#38

Carbon Tetrachloride

Concen: 50.507 ug/l

RT: 5.529 min Scan# 1303

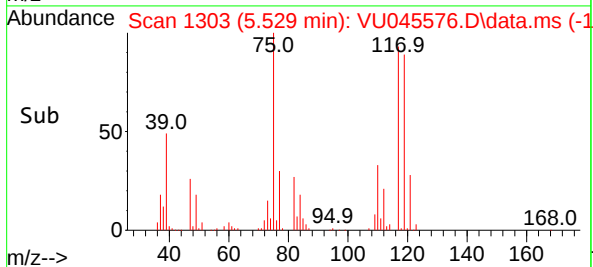
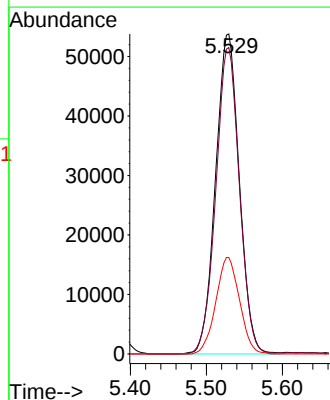
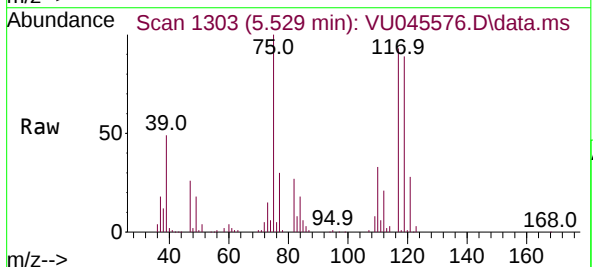
Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Tgt Ion:117 Resp: 116575

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
121	30.1	24.8	37.2





#39

Methylcyclohexane

Concen: 50.122 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 140774

Ion Ratio Lower Upper

83 100

55 75.6 63.6 95.4

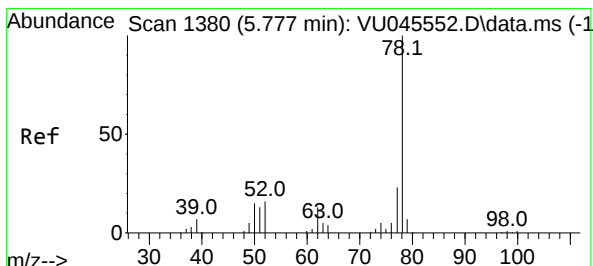
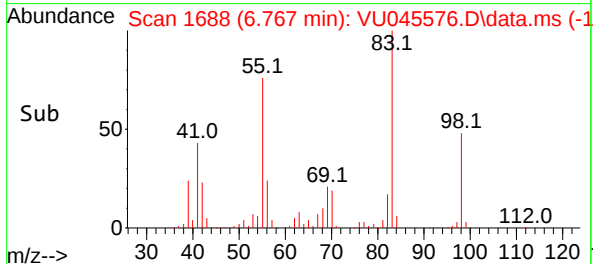
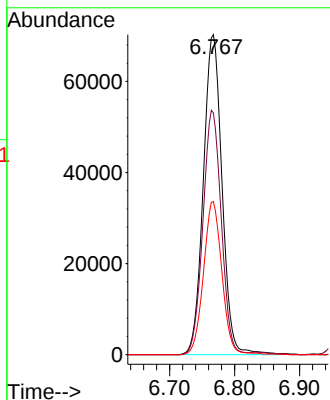
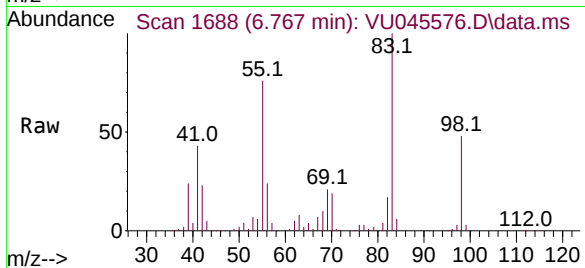
98 47.9 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#40

Benzene

Concen: 49.813 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045576.D

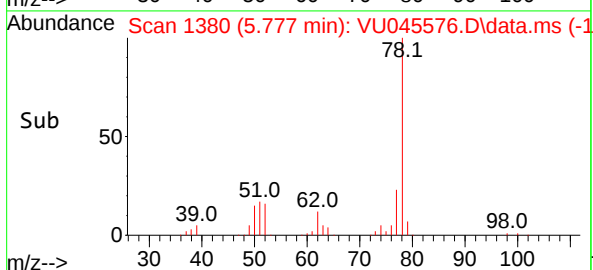
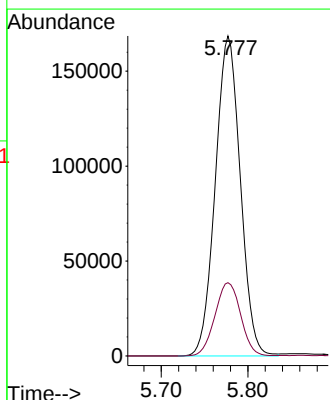
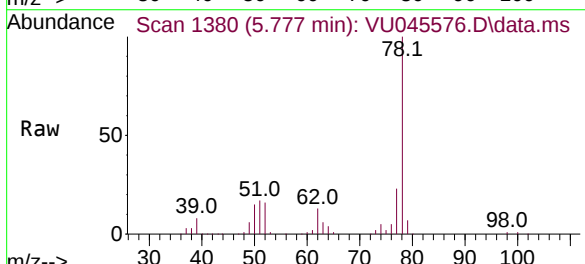
Acq: 05 Nov 2021 22:19

Tgt Ion: 78 Resp: 337637

Ion Ratio Lower Upper

78 100

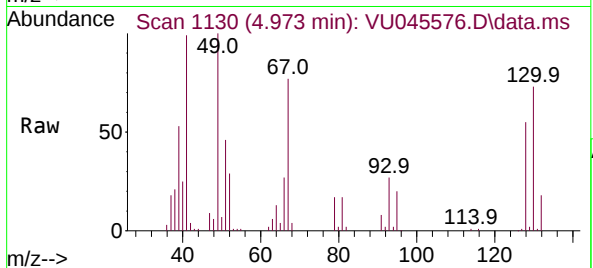
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 53.796 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

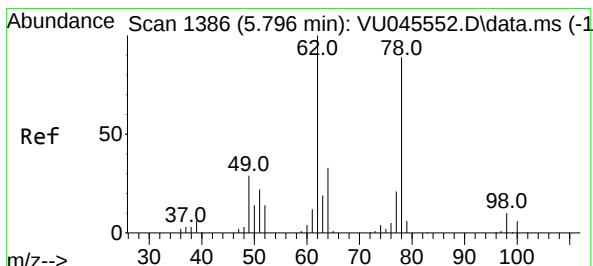
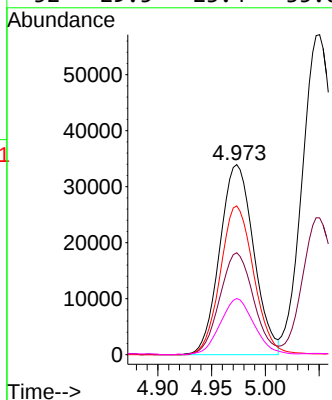
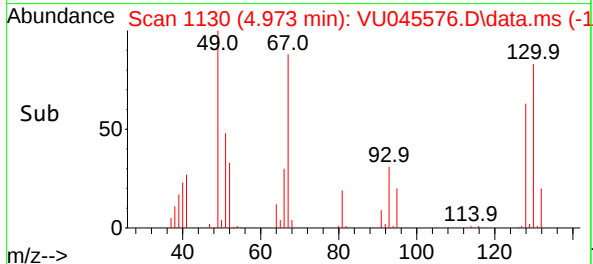
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 74760
Ion Ratio Lower Upper
41 100
39 53.1 43.4 65.0
67 77.2 61.0 91.4
52 29.5 23.4 35.0

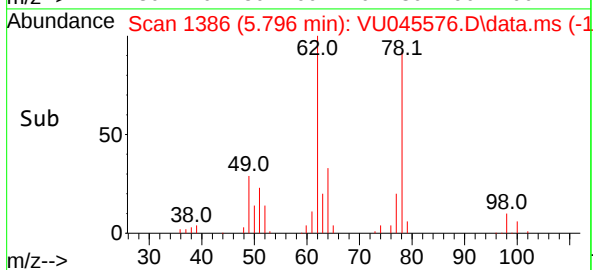
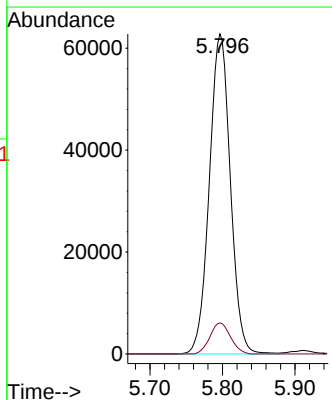
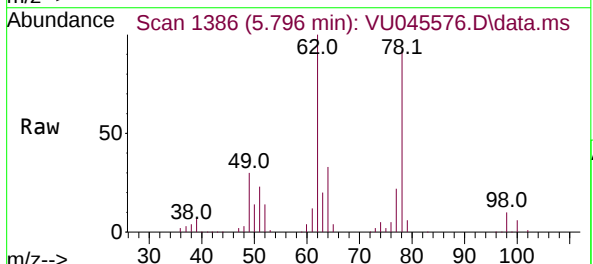
Manual Integrations
APPROVED

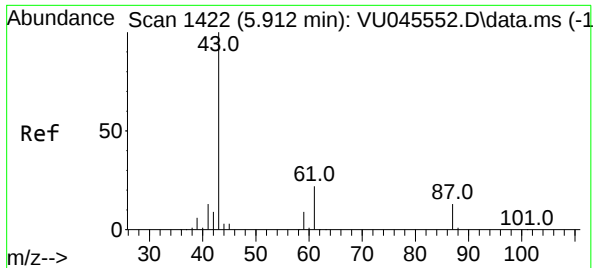
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#42
1,2-Dichloroethane
Concen: 51.565 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

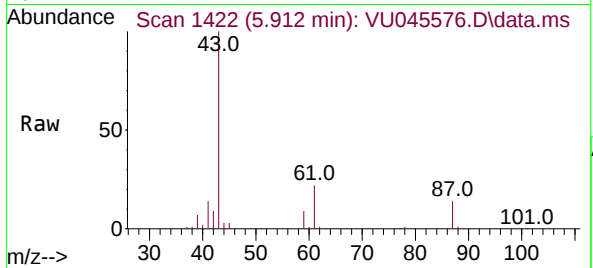
Tgt Ion: 62 Resp: 126247
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 52.725 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

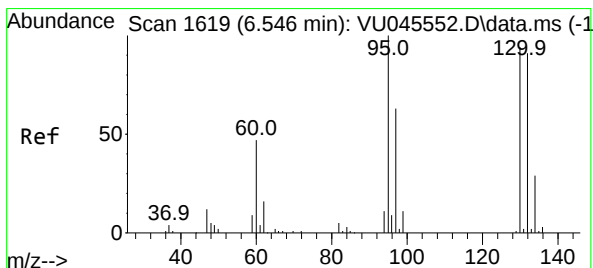
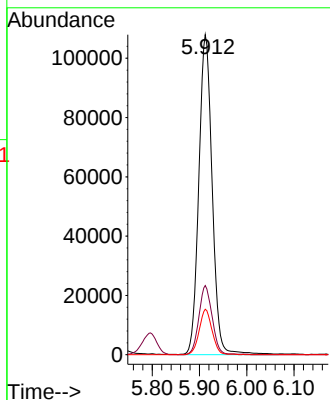
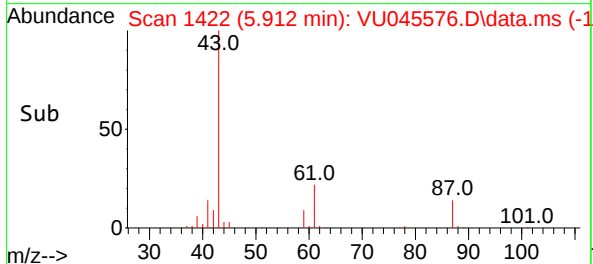
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



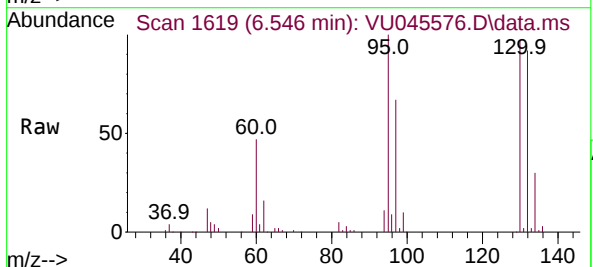
Tgt Ion: 43 Resp: 212088
Ion Ratio Lower Upper
43 100
61 21.4 16.9 25.3
87 13.5 11.0 16.4

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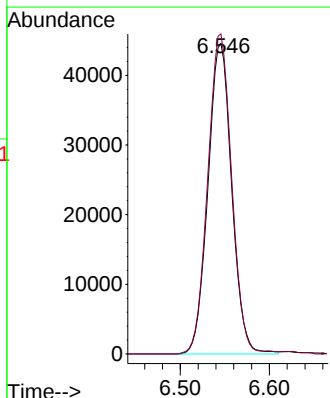
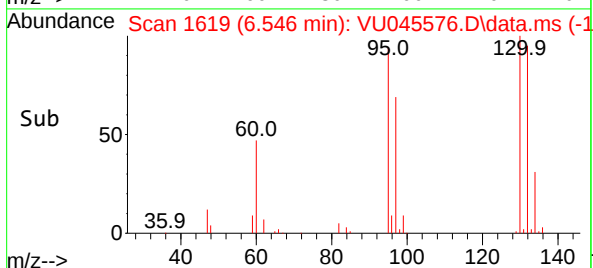
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

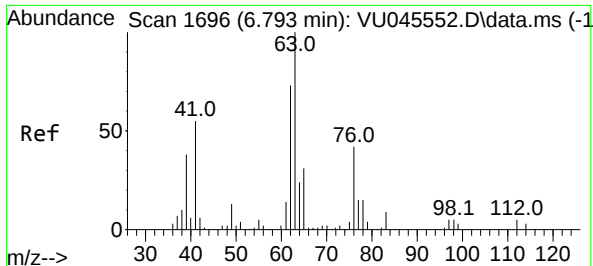


#44
Trichloroethene
Concen: 50.776 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



Tgt Ion:130 Resp: 82383
Ion Ratio Lower Upper
130 100
95 103.1 0.0 211.4





#45

1,2-Dichloropropane

Concen: 52.073 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 93392

Ion Ratio Lower Upper

63 100

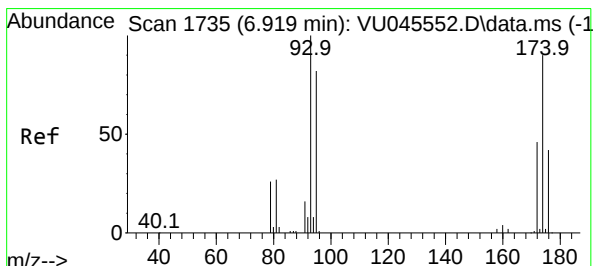
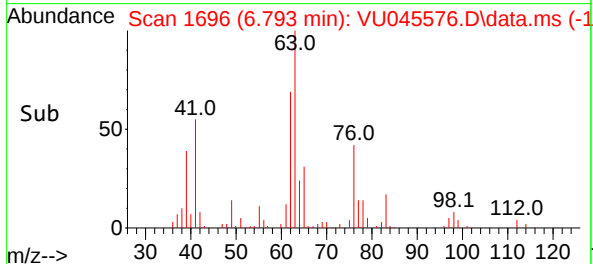
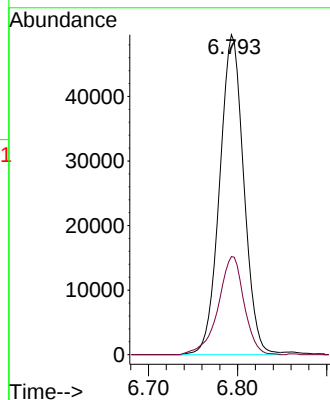
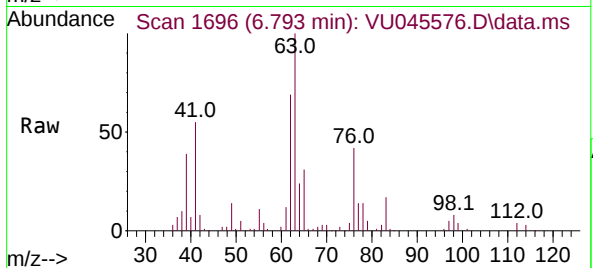
65 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#46

Dibromomethane

Concen: 50.969 ug/l

RT: 6.918 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

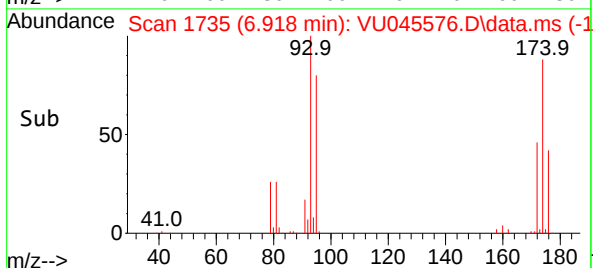
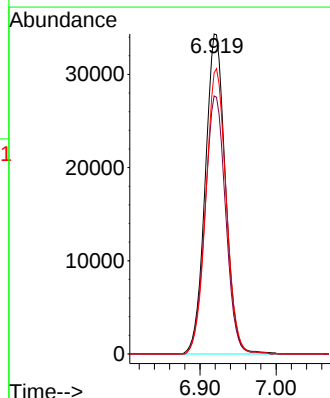
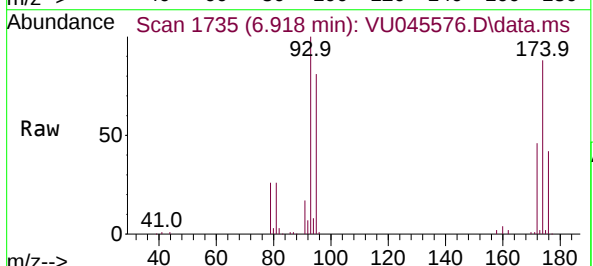
Tgt Ion: 93 Resp: 63338

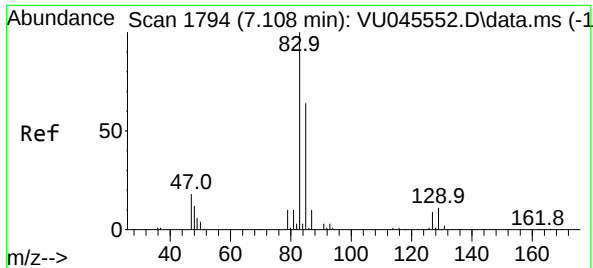
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 89.6 71.0 106.6





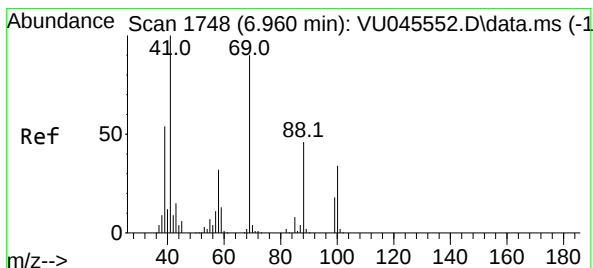
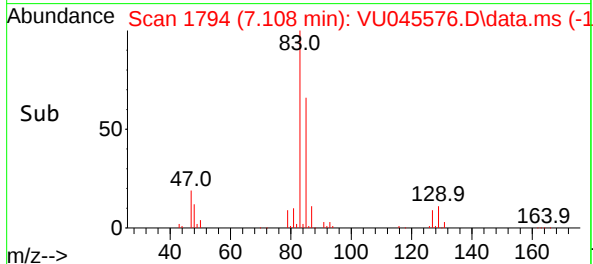
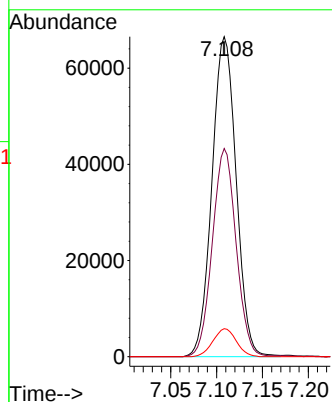
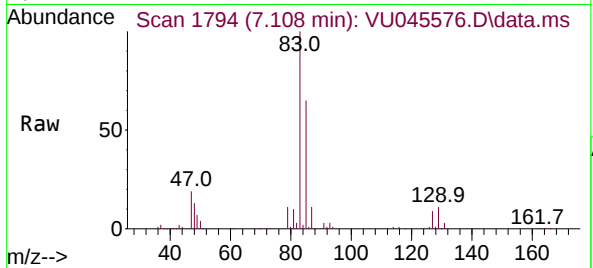
#47
Bromodichloromethane
Concen: 51.862 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 122285
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 8.8 6.2 9.2

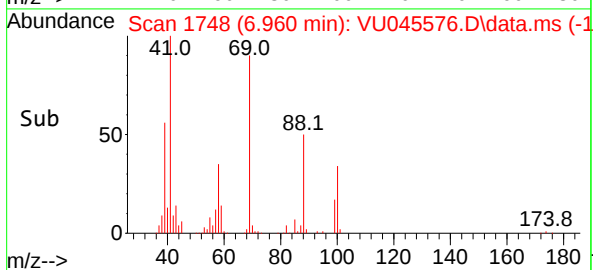
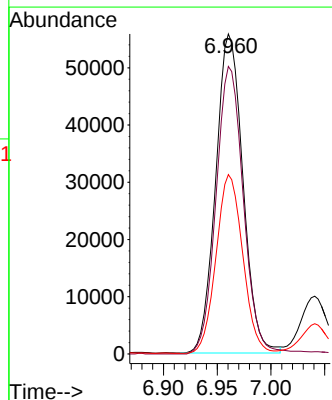
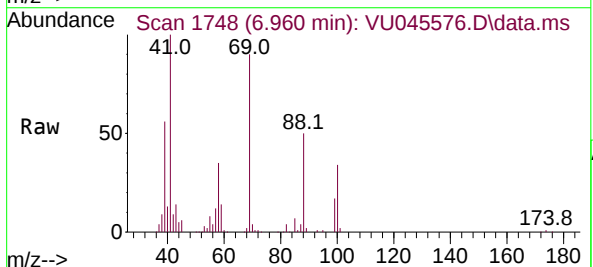
Manual Integrations
APPROVED

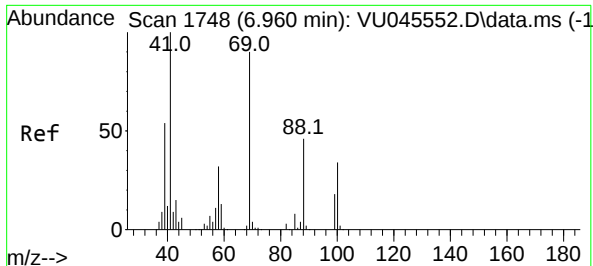
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#48
Methyl methacrylate
Concen: 53.044 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion: 41 Resp: 98207
Ion Ratio Lower Upper
41 100
69 91.4 70.2 105.2
39 54.8 43.9 65.9





#49

1,4-Dioxane

Concen: 1107.607 ug/l

RT: 6.960 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

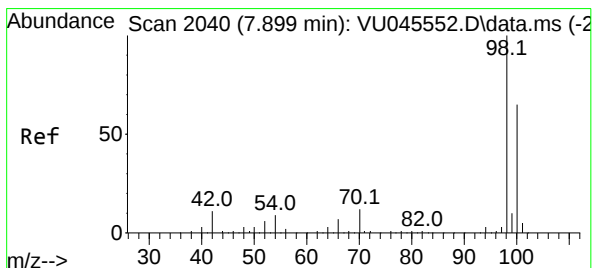
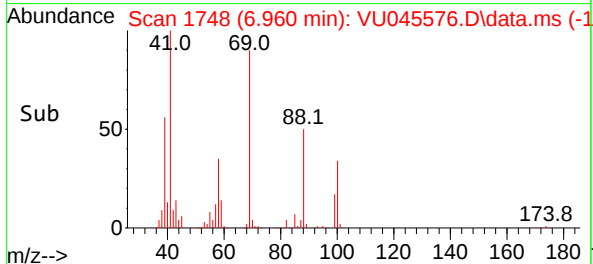
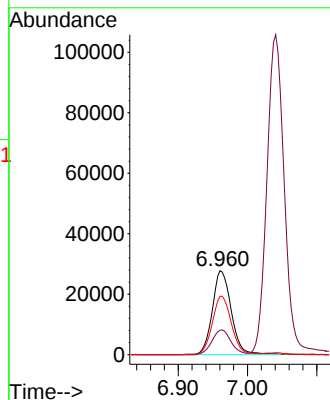
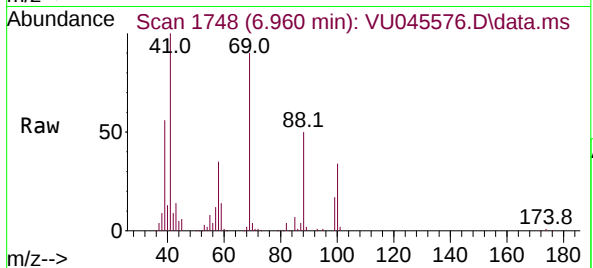
Tgt Ion: 88 Resp: 52730
 Ion Ratio Lower Upper
 88 100
 43 29.7 0.0 0.0
 58 69.9 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#50

Toluene-d8

Concen: 51.553 ug/l

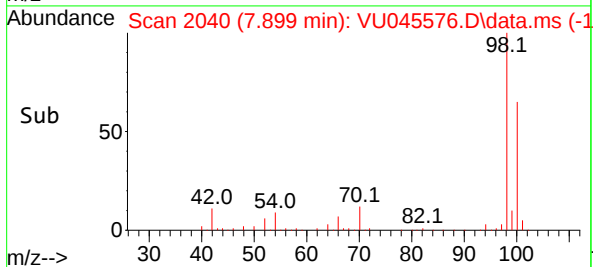
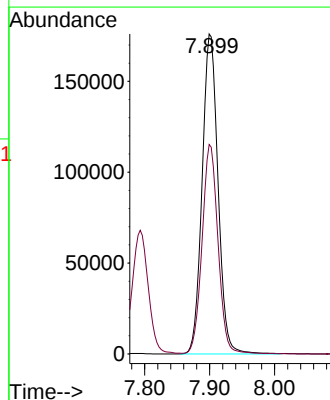
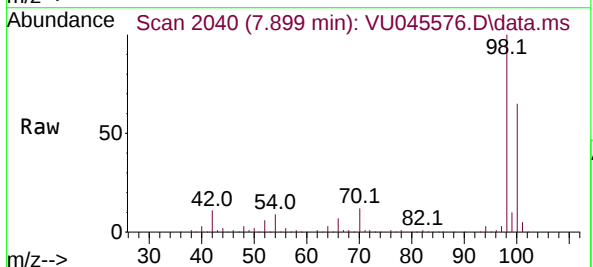
RT: 7.899 min Scan# 2040

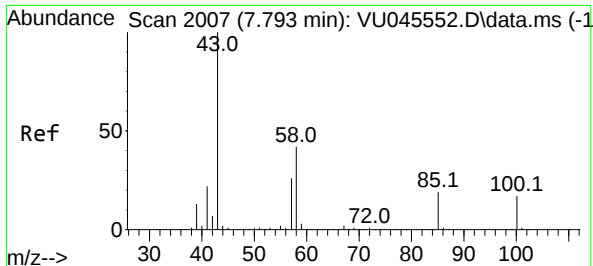
Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Tgt Ion: 98 Resp: 300503
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 266.274 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 706550

Ion Ratio Lower Upper

43 100

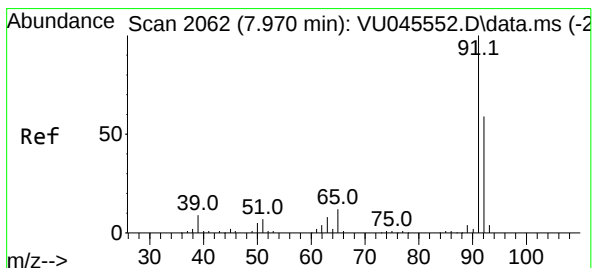
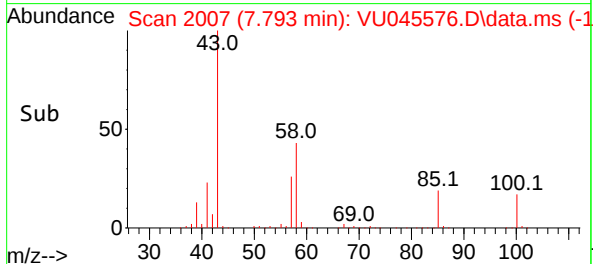
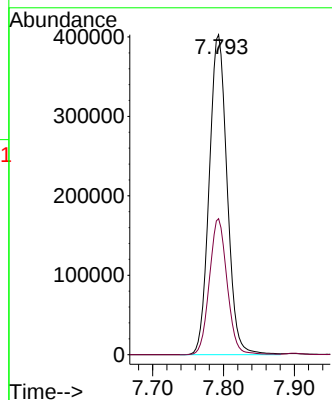
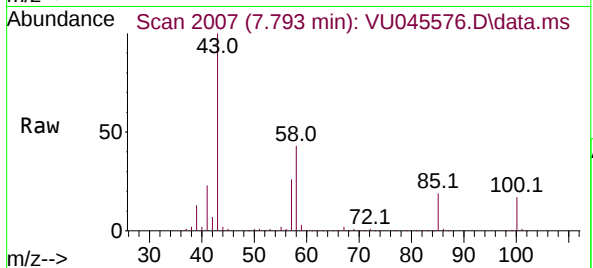
58 42.1 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#52

Toluene

Concen: 52.345 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU045576.D

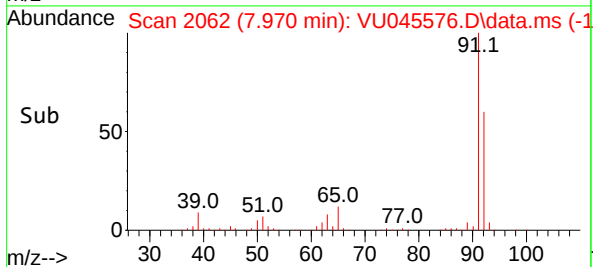
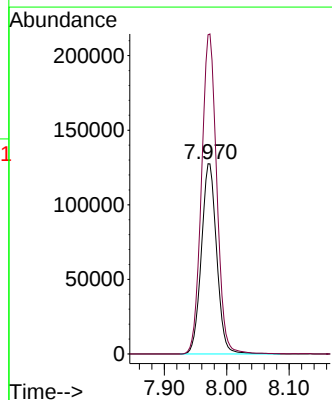
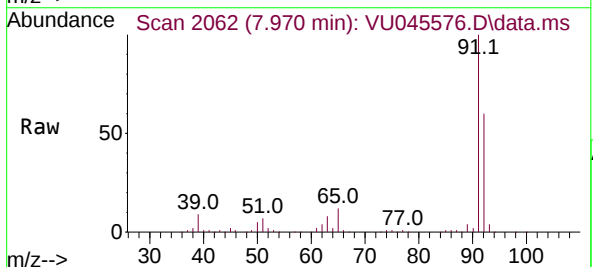
Acq: 05 Nov 2021 22:19

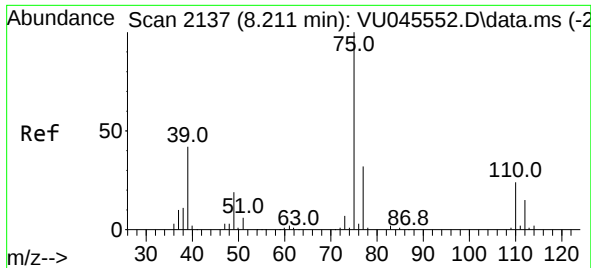
Tgt Ion: 92 Resp: 217217

Ion Ratio Lower Upper

92 100

91 168.2 135.6 203.4





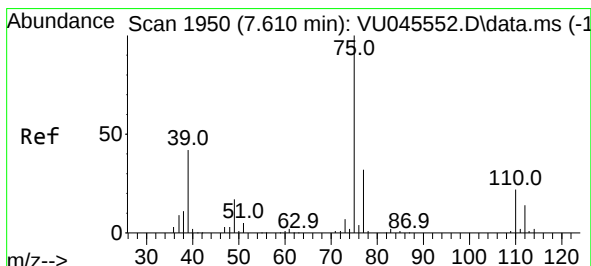
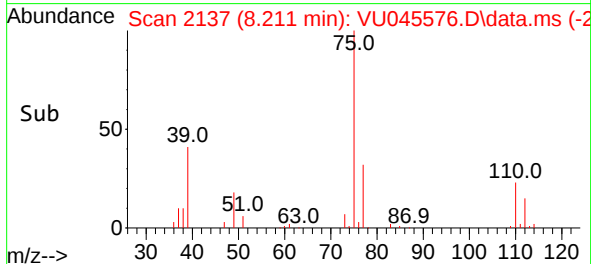
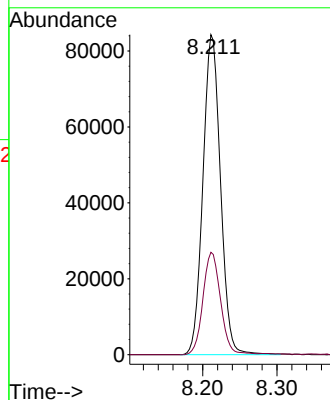
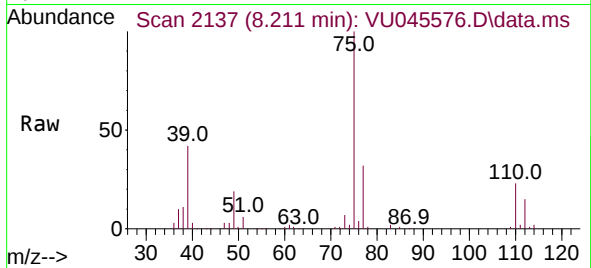
#53
 t-1,3-Dichloropropene
 Concen: 51.121 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 13853
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8

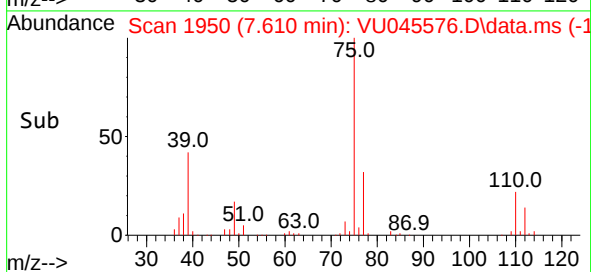
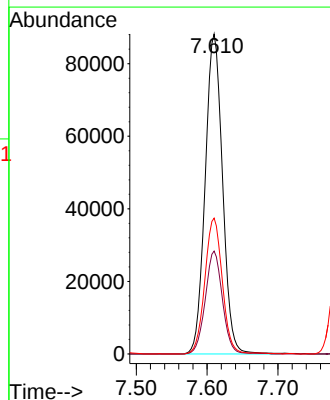
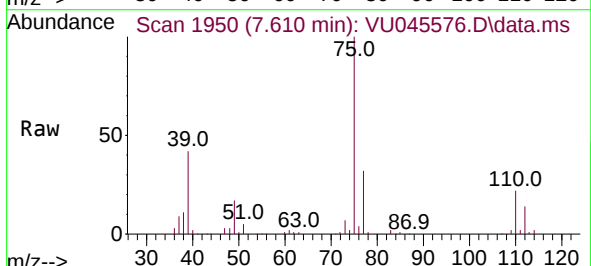
Manual Integrations
 APPROVED

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



#54
 cis-1,3-Dichloropropene
 Concen: 52.096 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

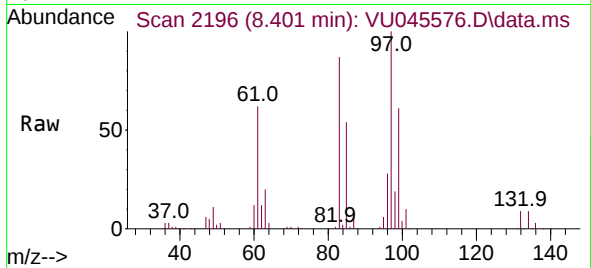
Tgt Ion: 75 Resp: 149949
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0
 39 42.5 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 51.398 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

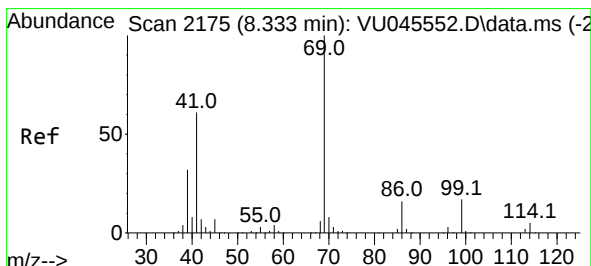
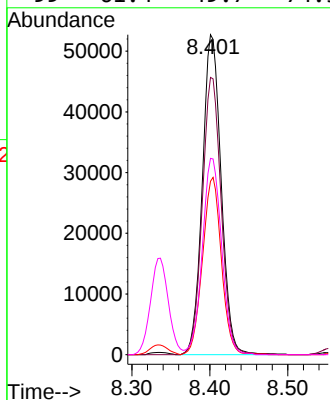
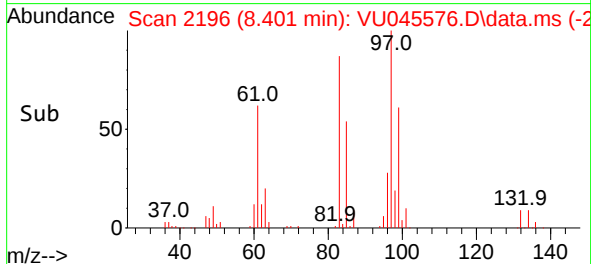
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



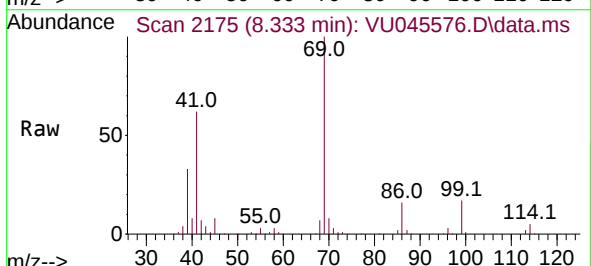
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.3	105.5
85	54.2	45.5	68.3
99	61.4	49.7	74.5

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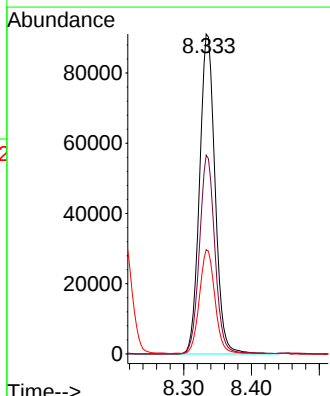
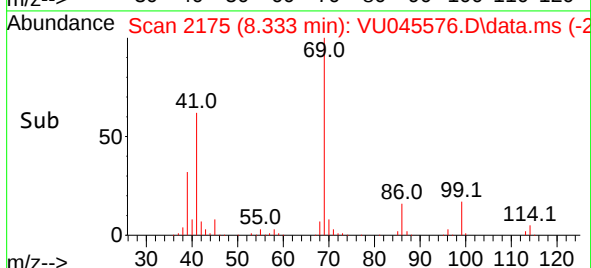
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

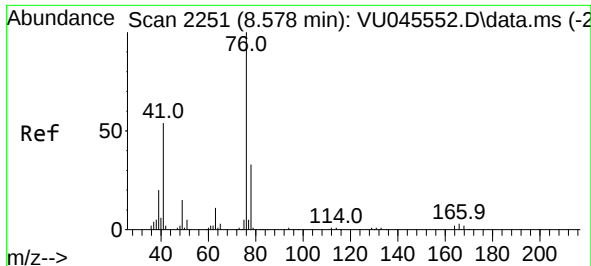


#56
Ethyl methacrylate
Concen: 47.068 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.0	51.0	76.4
39	32.1	26.6	39.8





#57

1,3-Dichloropropane

Concen: 51.500 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15952

Ion Ratio Lower Upper

76 100

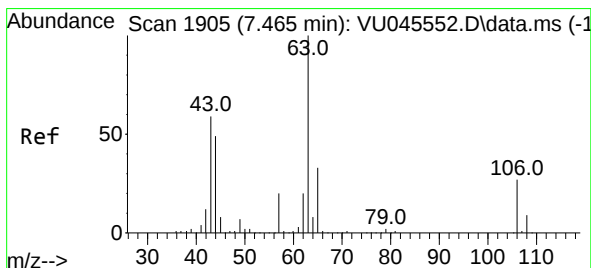
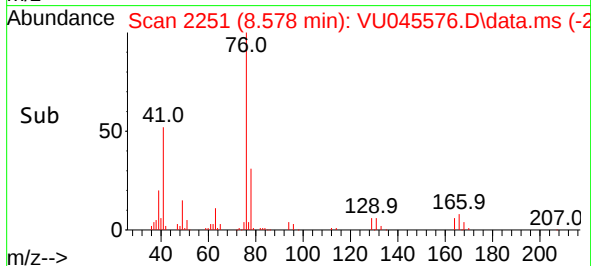
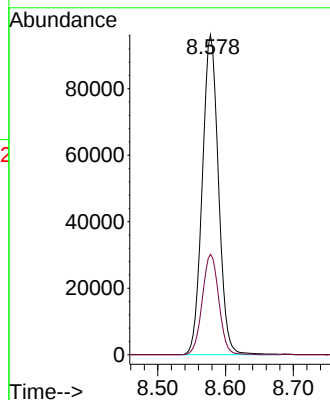
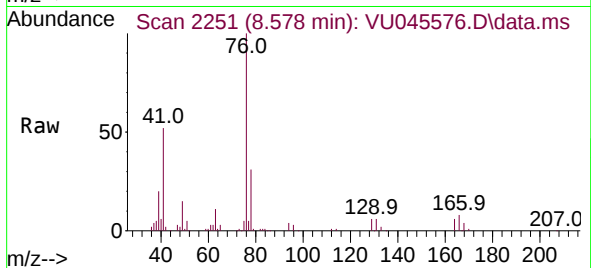
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#58

2-Chloroethyl Vinyl ether

Concen: 242.682 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045576.D

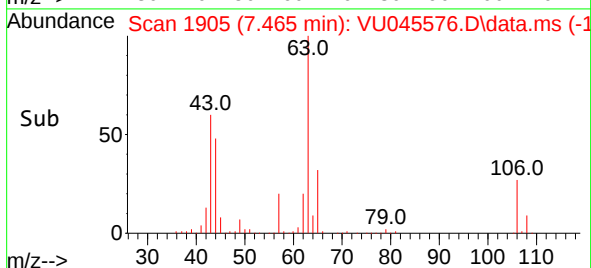
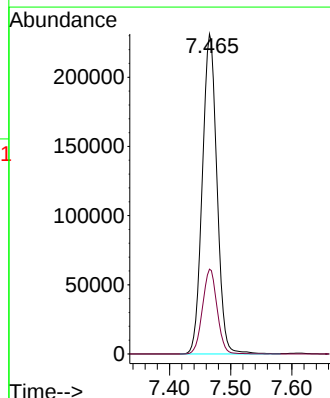
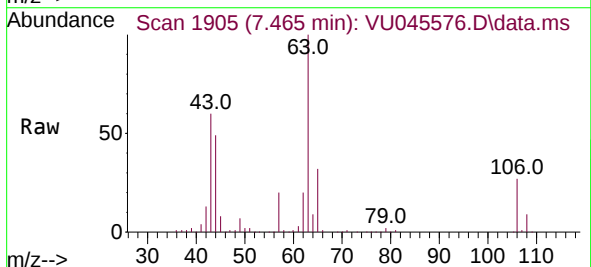
Acq: 05 Nov 2021 22:19

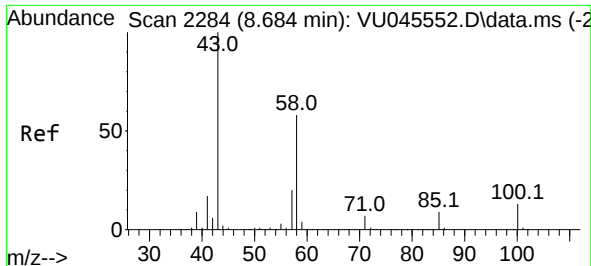
Tgt Ion: 63 Resp: 384251

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4





#59

2-Hexanone

Concen: 237.573 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 54763

Ion Ratio Lower Upper

43 100

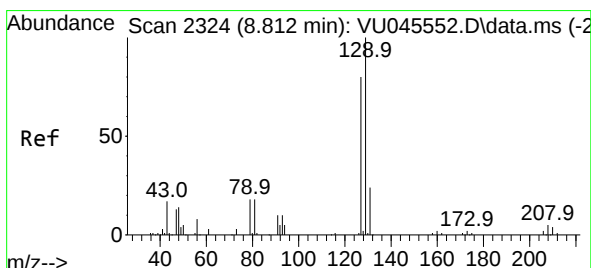
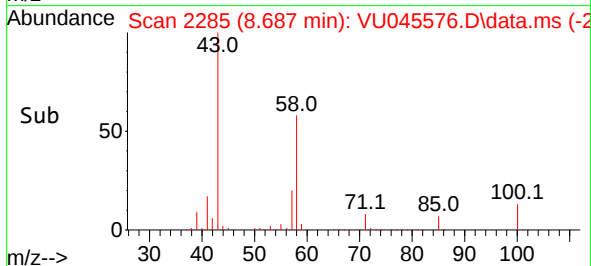
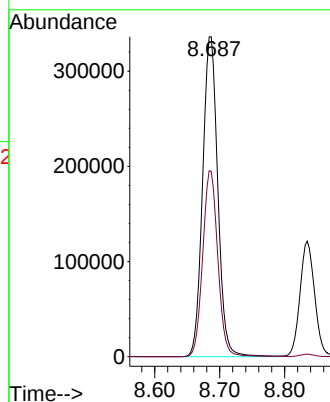
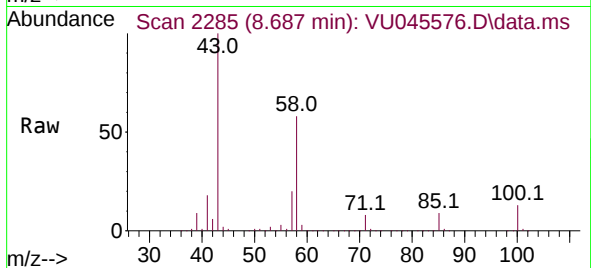
58 57.9 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#60

Dibromochloromethane

Concen: 52.075 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU045576.D

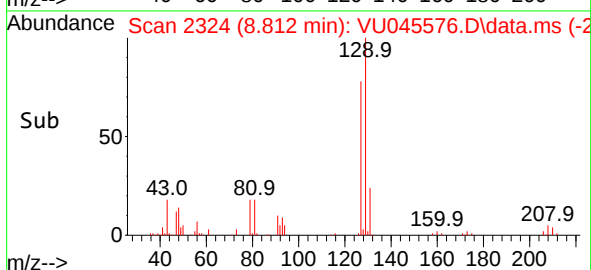
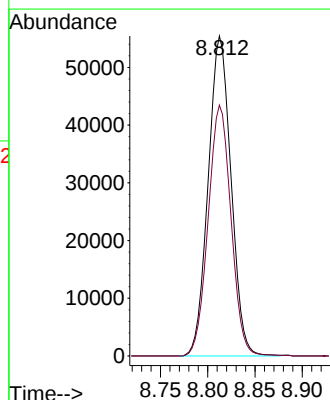
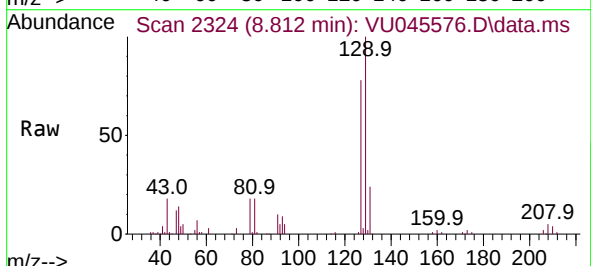
Acq: 05 Nov 2021 22:19

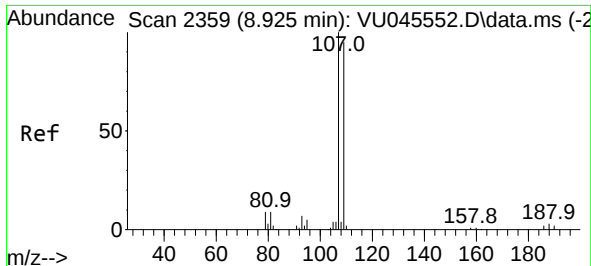
Tgt Ion:129 Resp: 93259

Ion Ratio Lower Upper

129 100

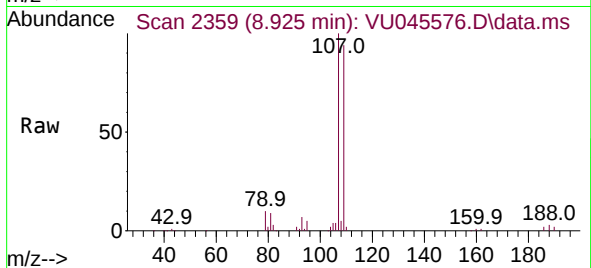
127 78.3 38.5 115.3





#61
1,2-Dibromoethane
Concen: 51.502 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

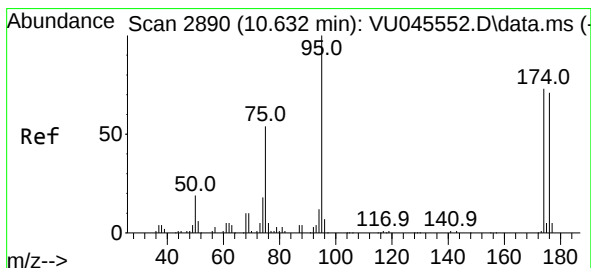
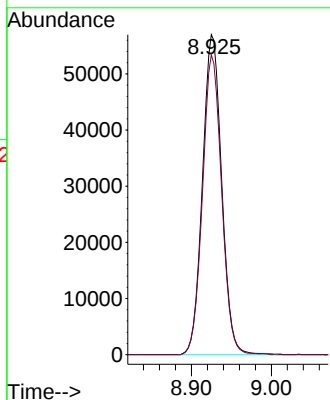
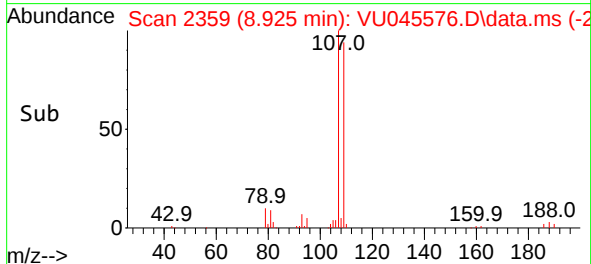
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



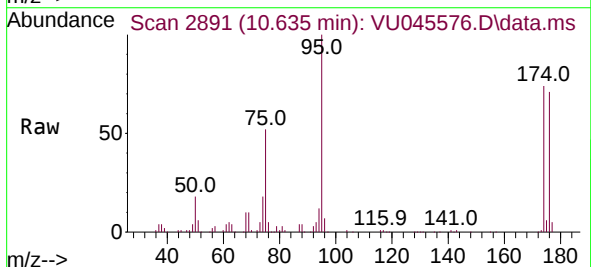
Tgt Ion:107 Resp: 95000
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.8

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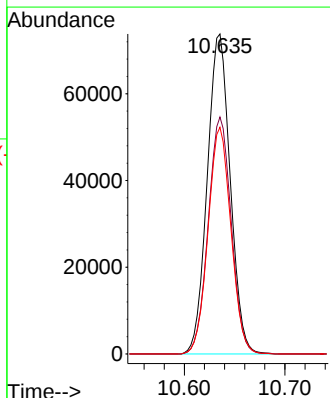
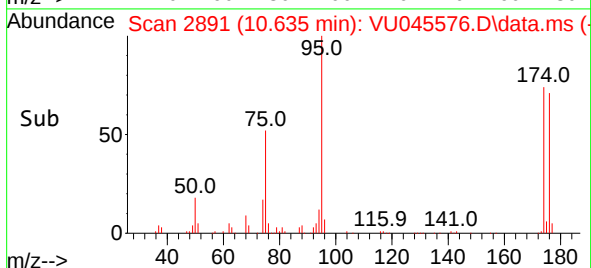
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

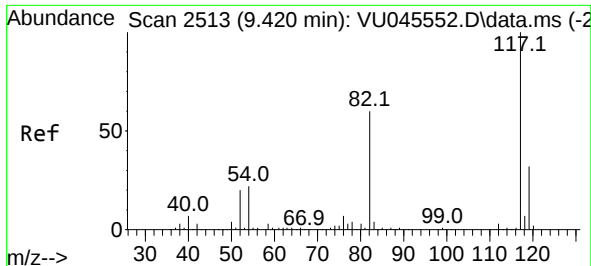


#62
4-Bromofluorobenzene
Concen: 50.119 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



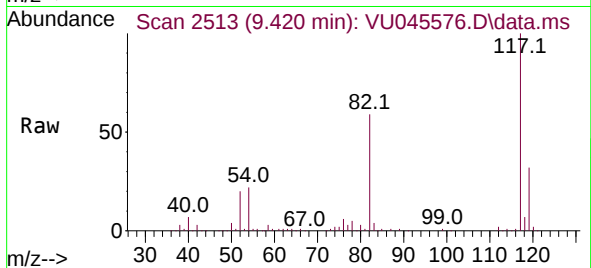
Tgt Ion: 95 Resp: 117150
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.8
176 70.5 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

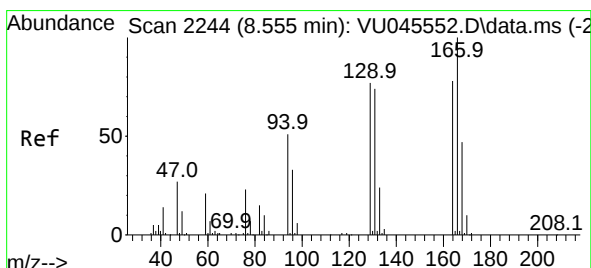
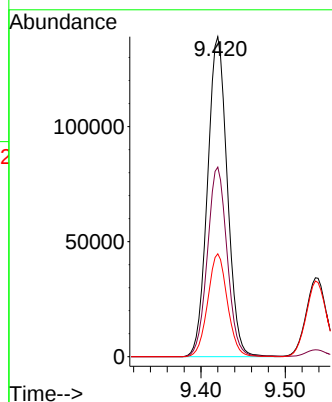
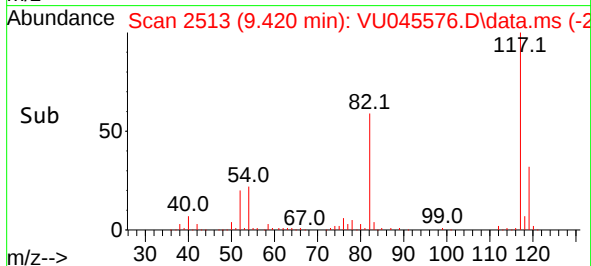
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 227009
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 32.2 25.8 38.8

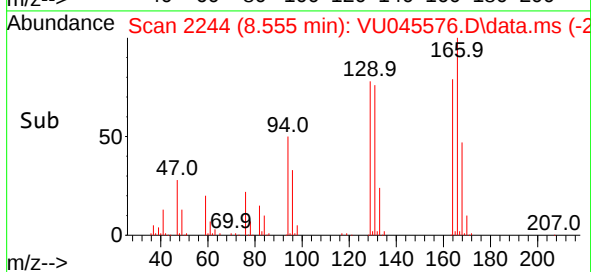
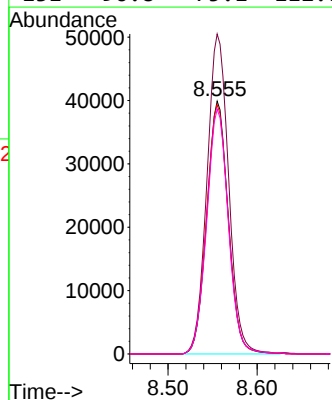
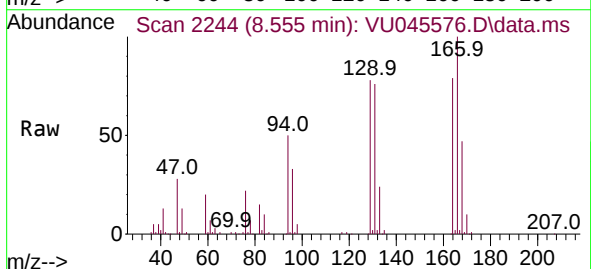
Manual Integrations
APPROVED

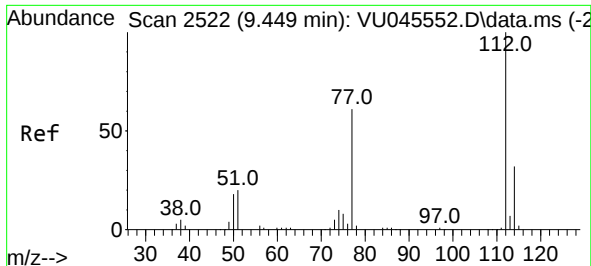
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#64
Tetrachloroethene
Concen: 51.369 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion:164 Resp: 66930
Ion Ratio Lower Upper
164 100
166 126.6 102.2 153.4
129 98.6 78.2 117.4
131 96.8 75.1 112.7





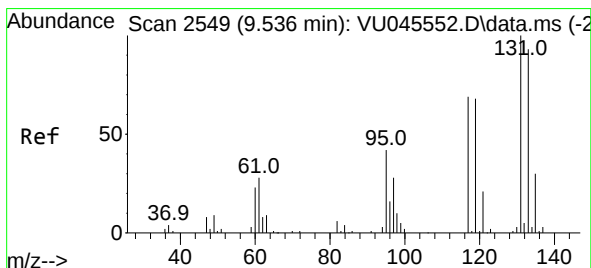
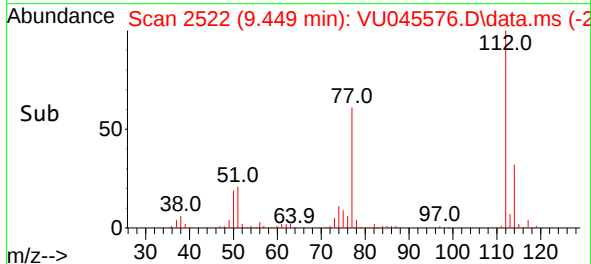
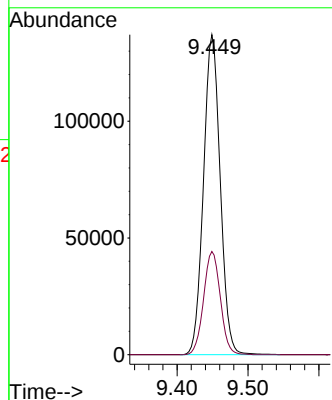
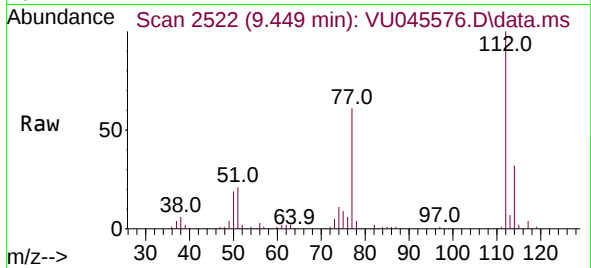
#65
Chlorobenzene
Concen: 50.403 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 22474
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

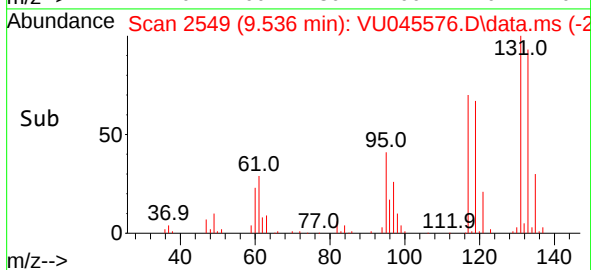
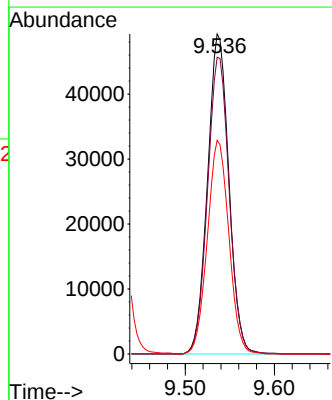
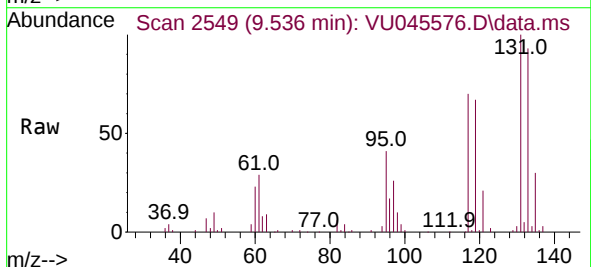
Manual Integrations
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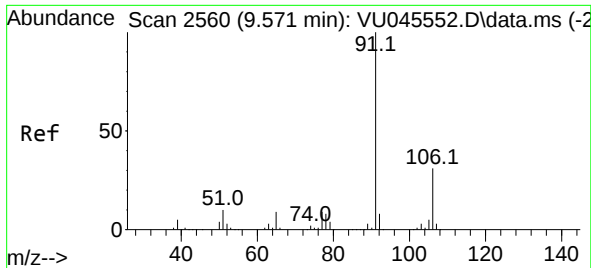
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 51.408 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion:131 Resp: 81755
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 67.4 34.5 103.6





#67

Ethyl Benzene

Concen: 52.540 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 419548

Ion Ratio Lower Upper

91 100

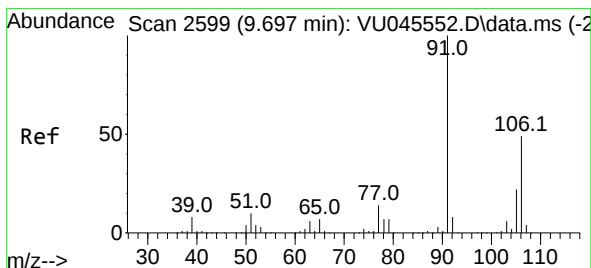
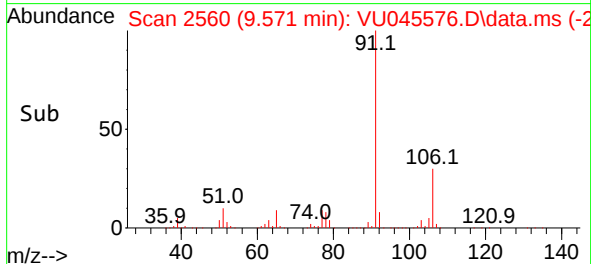
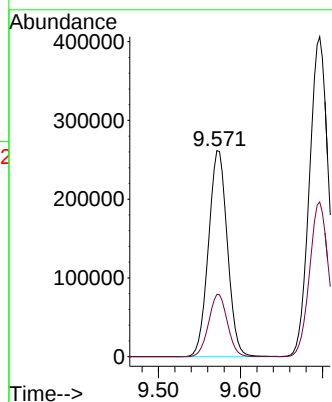
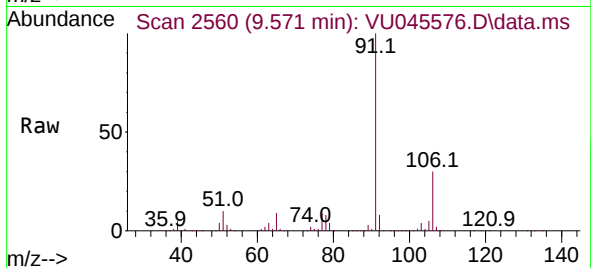
106 30.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#68

m/p-Xylenes

Concen: 106.431 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045576.D

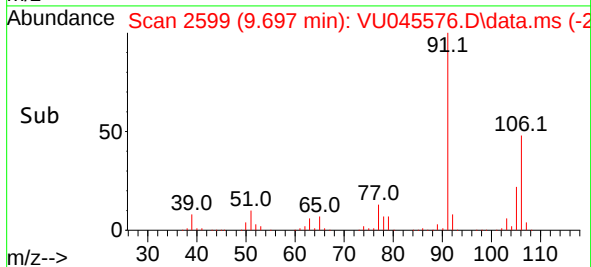
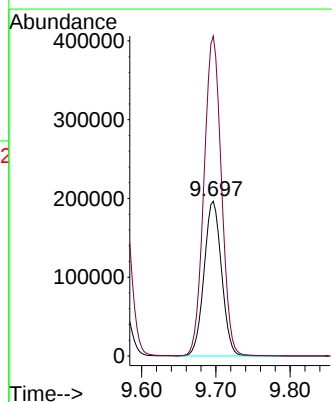
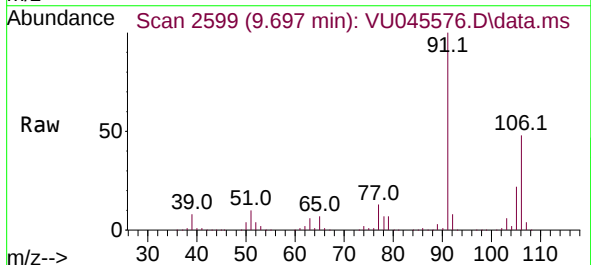
Acq: 05 Nov 2021 22:19

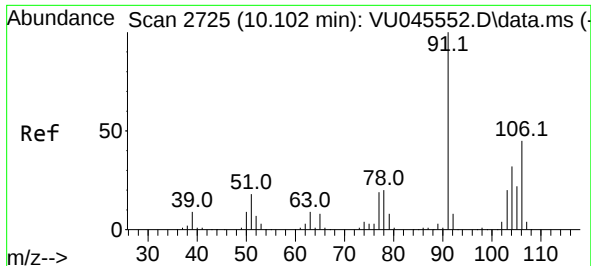
Tgt Ion:106 Resp: 320521

Ion Ratio Lower Upper

106 100

91 206.7 164.7 247.1





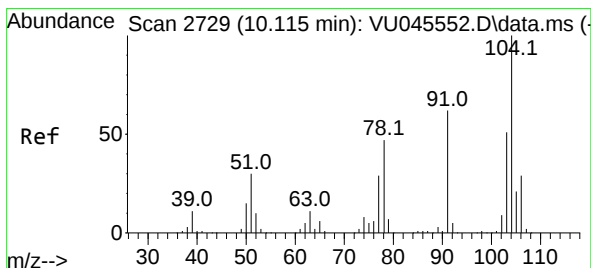
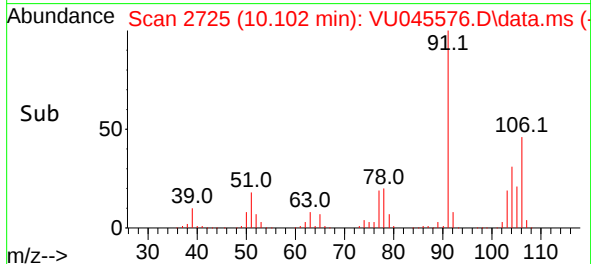
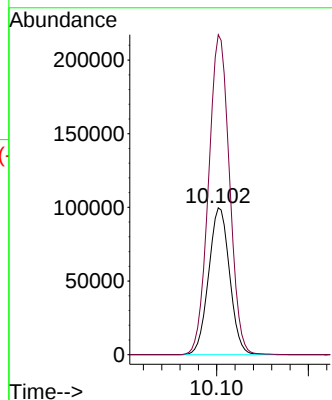
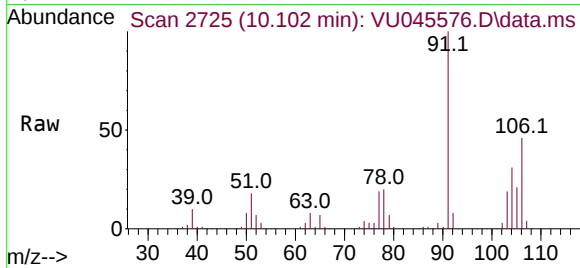
#69
o-Xylene
Concen: 54.011 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 15813
Ion Ratio Lower Upper
106 100
91 217.9 108.7 326.3

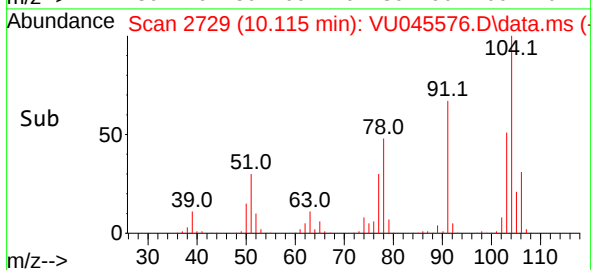
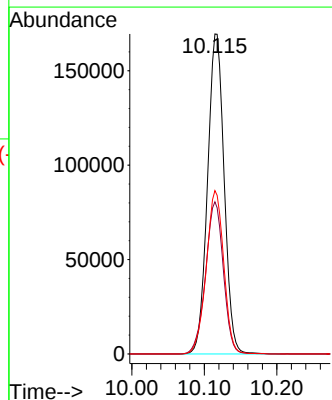
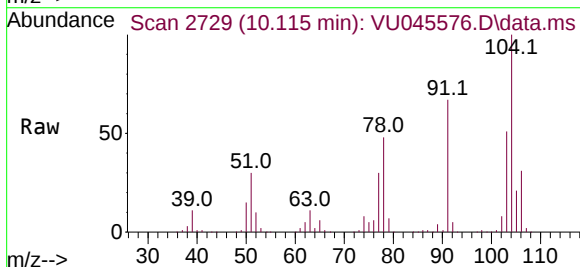
Manual Integrations
APPROVED

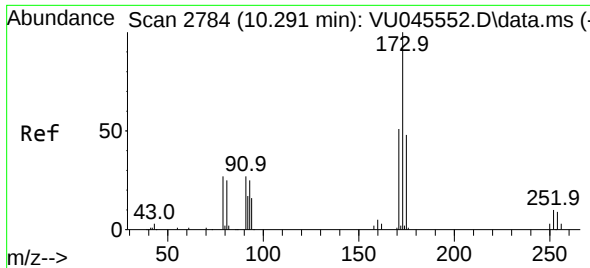
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#70
Styrene
Concen: 54.469 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion:104 Resp: 269796
Ion Ratio Lower Upper
104 100
78 50.9 41.8 62.6
103 53.8 43.8 65.6





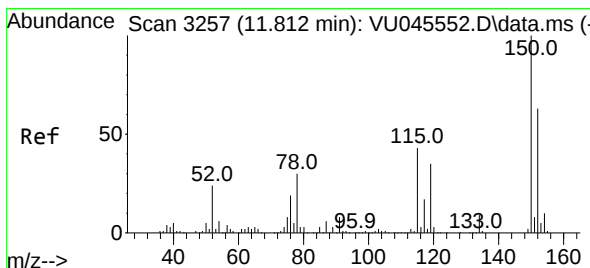
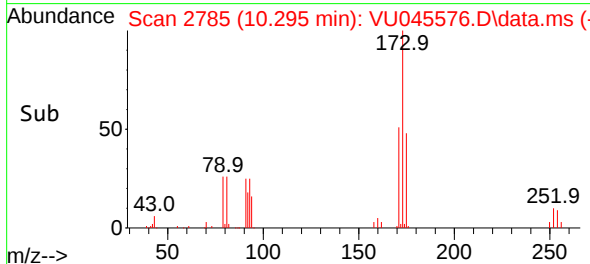
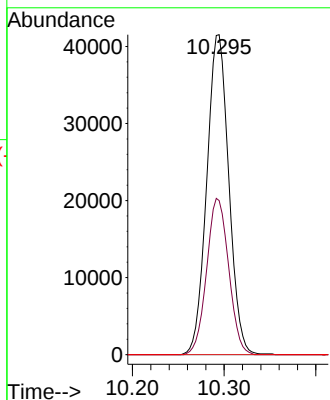
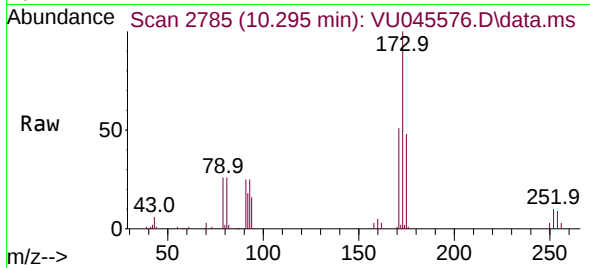
#71
Bromoform
Concen: 46.315 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 69349
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.0 0.0

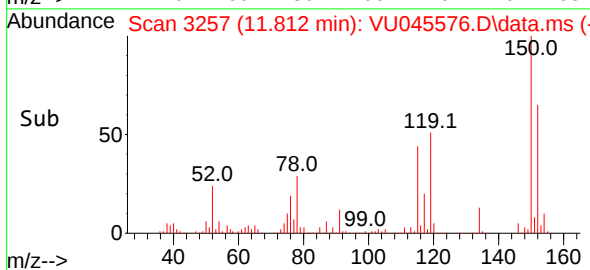
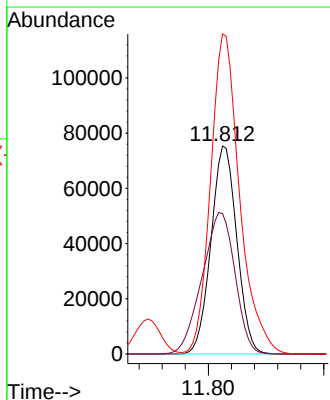
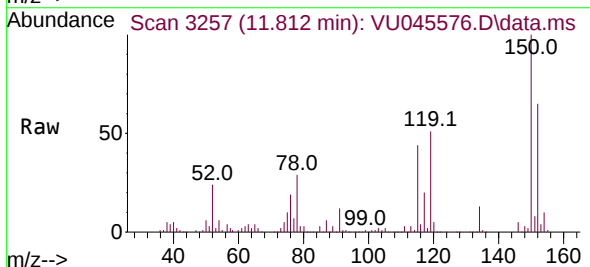
Manual Integrations
APPROVED

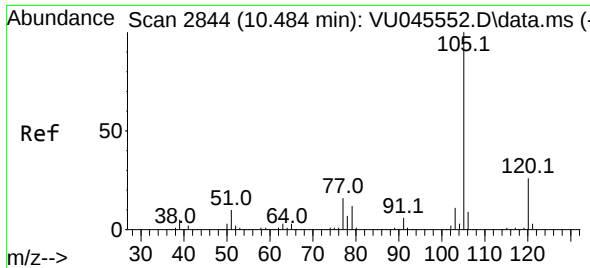
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion:152 Resp: 117030
Ion Ratio Lower Upper
152 100
115 86.4 42.7 128.1
150 173.1 0.0 346.8





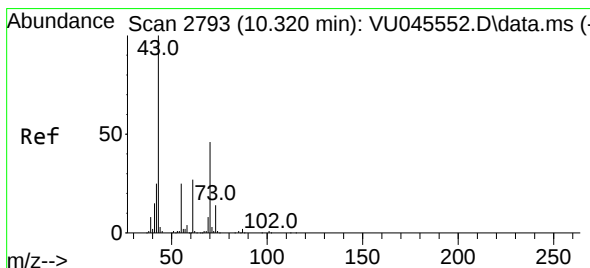
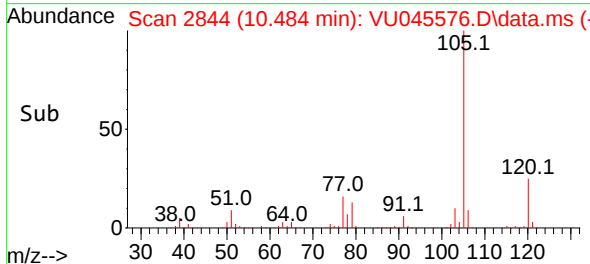
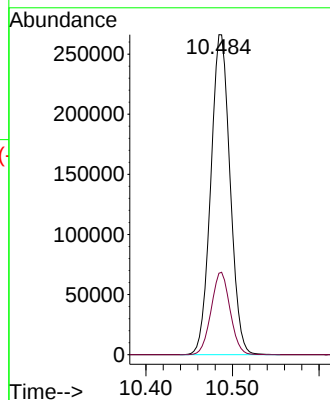
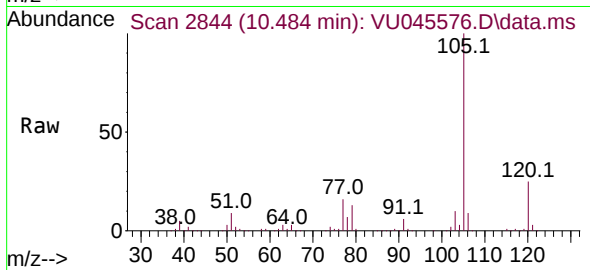
#73
Isopropylbenzene
Concen: 53.934 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 412411
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6

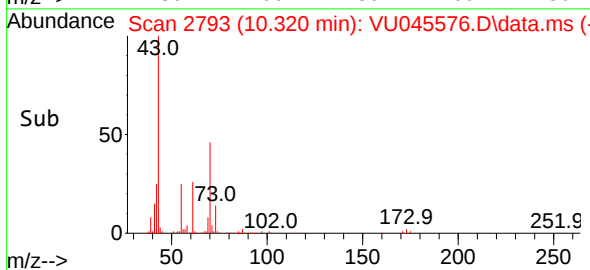
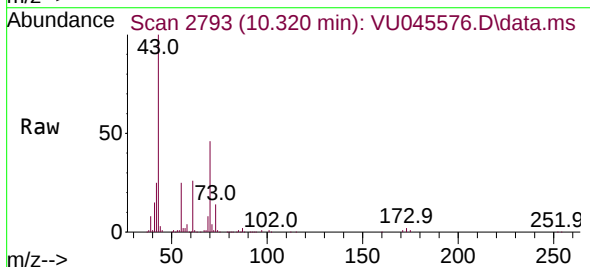
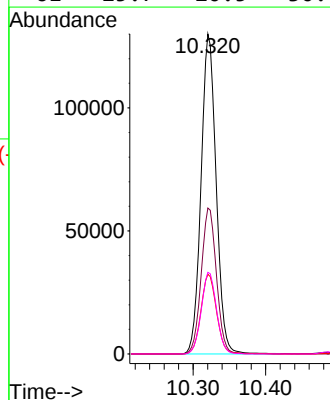
Manual Integrations
APPROVED

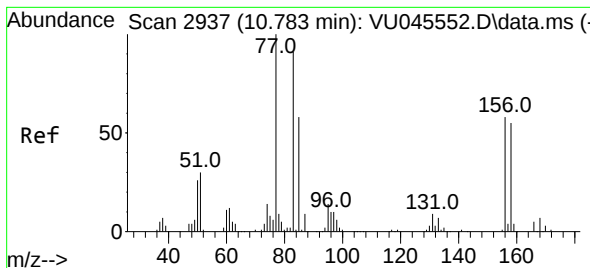
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#74
N-ethyl acetate
Concen: 54.579 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion: 43 Resp: 188274
Ion Ratio Lower Upper
43 100
70 46.1 36.9 55.3
55 25.5 20.6 31.0
61 25.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.245 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 15525

Ion Ratio Lower Upper

83 100

131 9.0 4.4 13.2

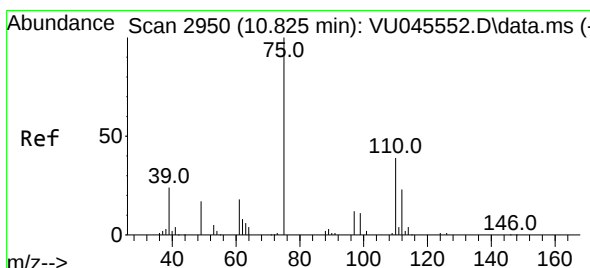
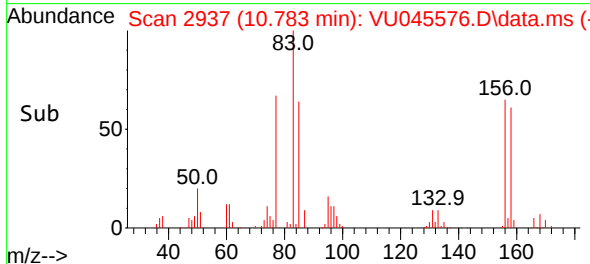
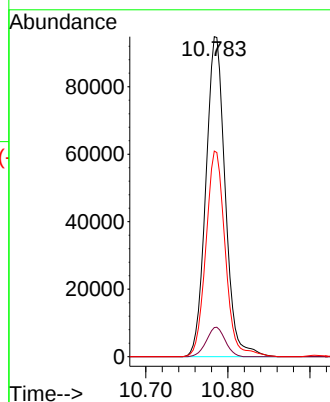
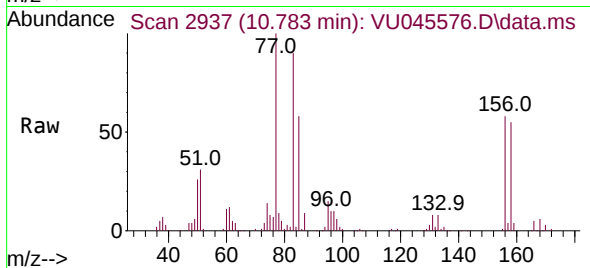
85 64.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#76

1,2,3-Trichloropropane

Concen: 42.608 ug/l m

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU045576.D

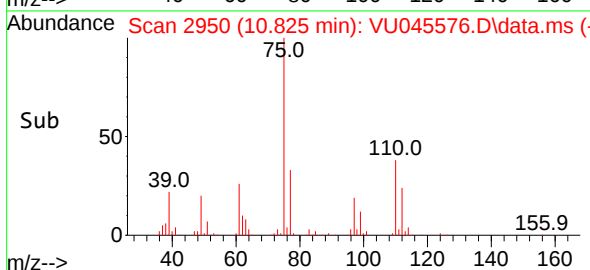
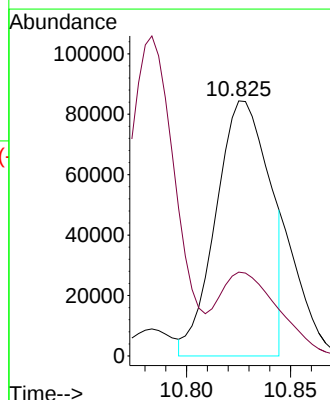
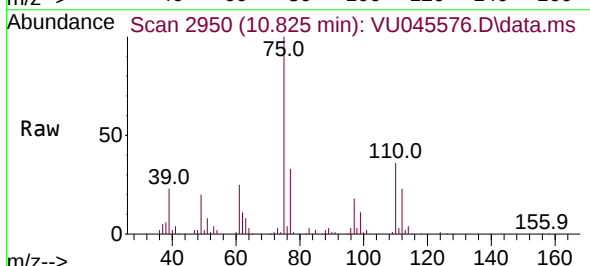
Acq: 05 Nov 2021 22:19

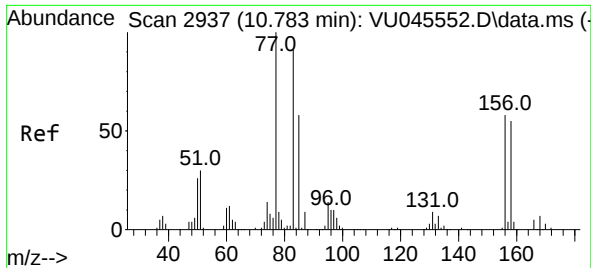
Tgt Ion: 75 Resp: 151218

Ion Ratio Lower Upper

75 100

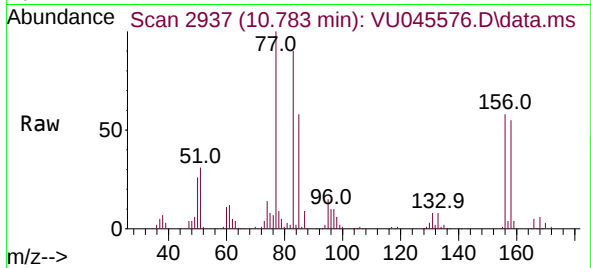
77 37.1 17.1 51.3





#77
Bromobenzene
Concen: 51.897 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

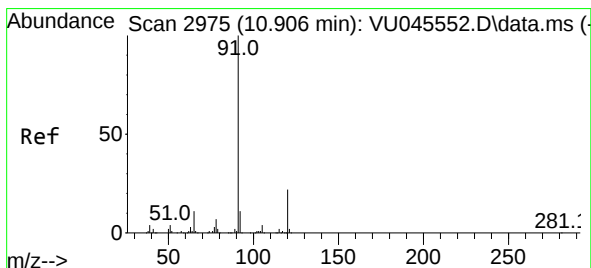
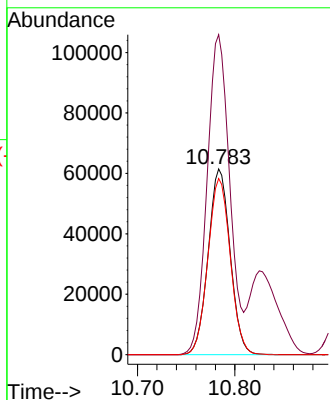
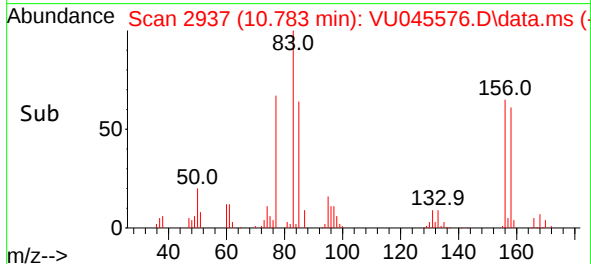
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



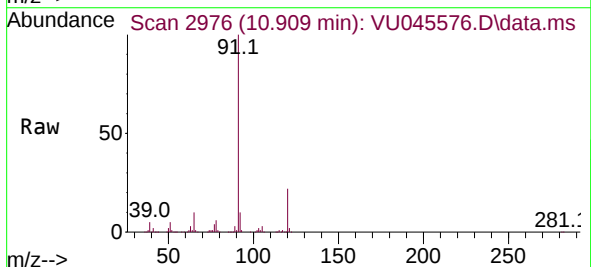
Tgt Ion:156 Resp: 96350
Ion Ratio Lower Upper
156 100
77 176.7 91.1 273.4
158 96.4 47.9 143.6

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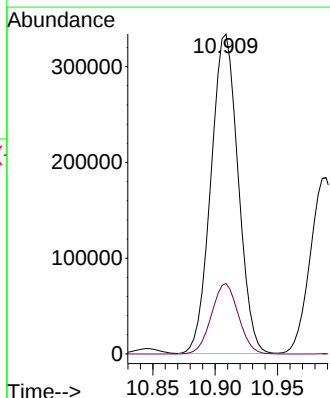
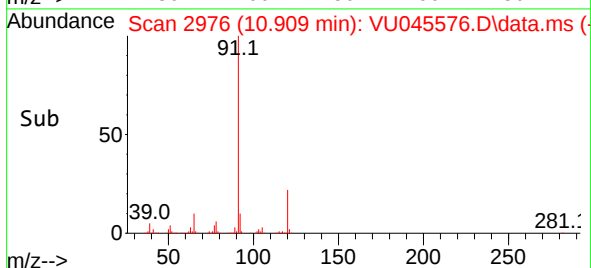
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

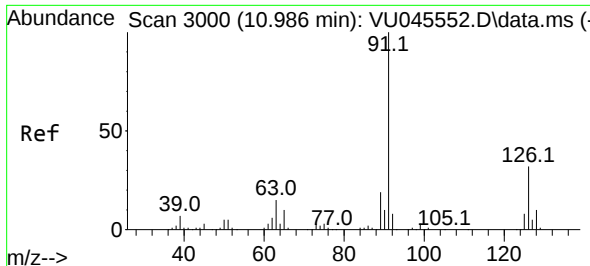


#78
n-propylbenzene
Concen: 53.267 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



Tgt Ion: 91 Resp: 506946
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





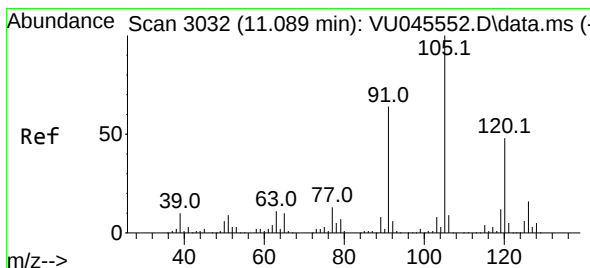
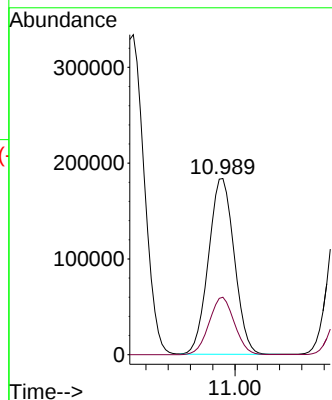
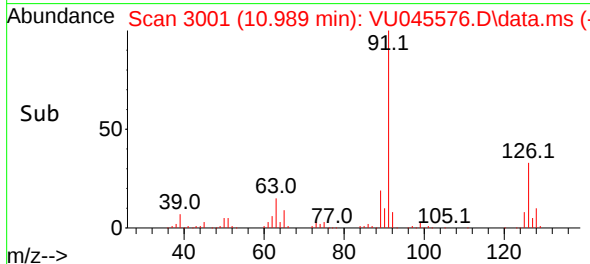
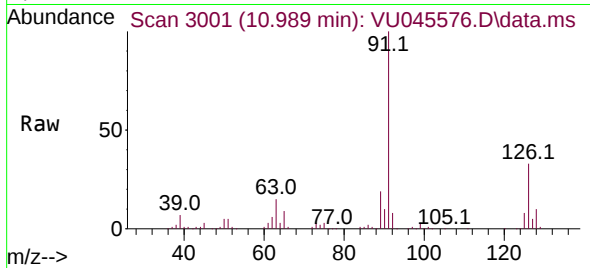
#79
2-Chlorotoluene
Concen: 52.564 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 295550
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8

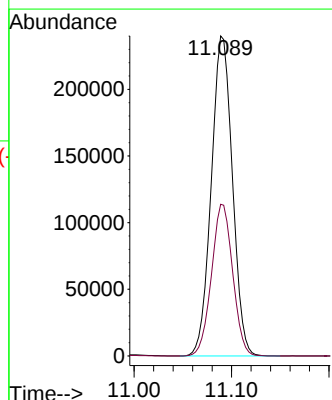
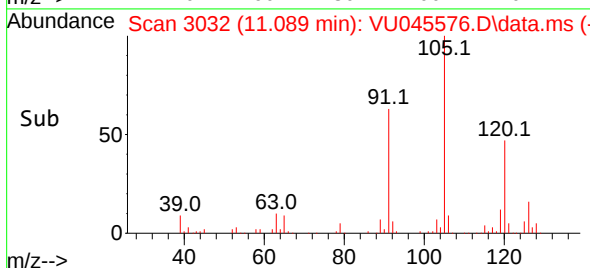
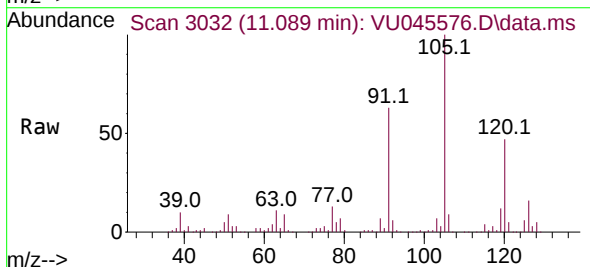
Manual Integrations
APPROVED

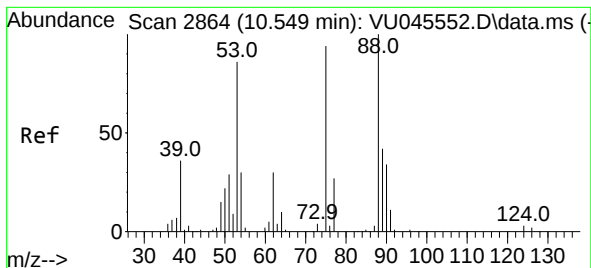
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.087 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

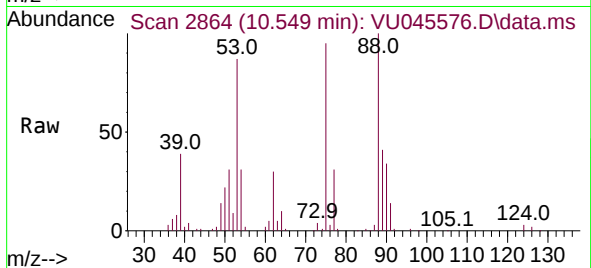
Tgt Ion:105 Resp: 361355
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.296 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

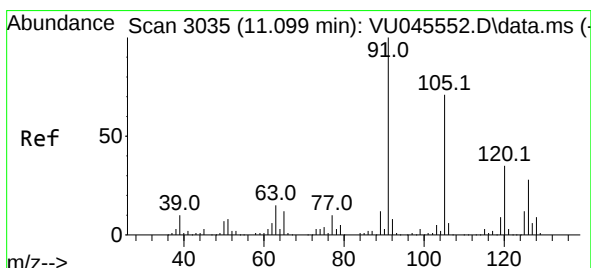
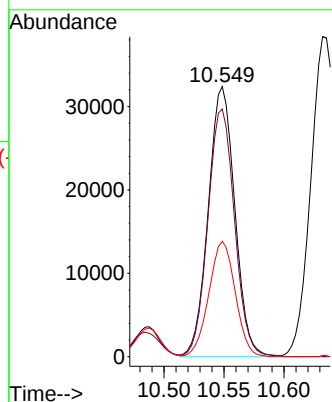
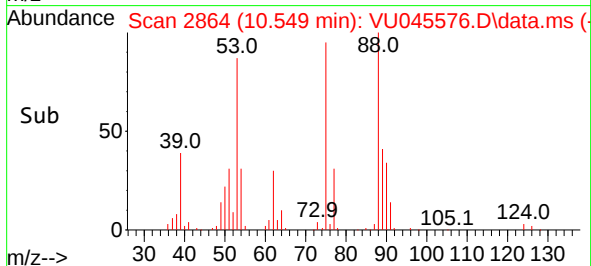
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 49900
Ion Ratio Lower Upper
75 100
53 92.1 76.2 114.4
89 42.5 34.0 51.0

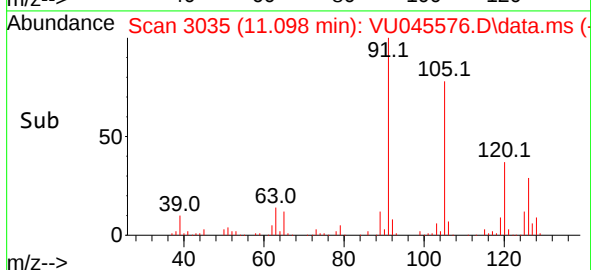
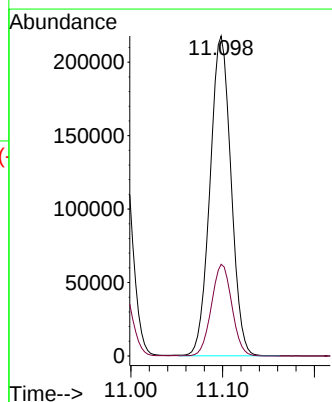
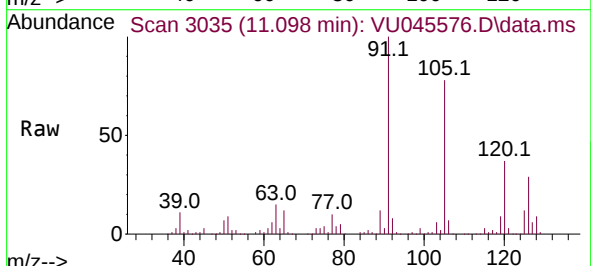
Manual Integrations
APPROVED

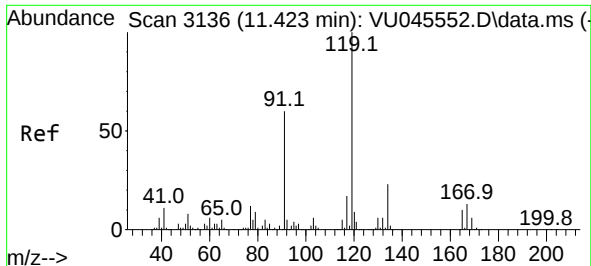
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#82
4-Chlorotoluene
Concen: 52.426 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

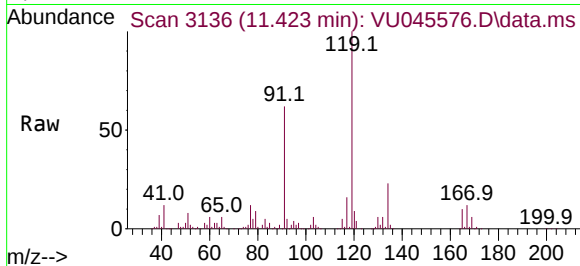
Tgt Ion: 91 Resp: 345705
Ion Ratio Lower Upper
91 100
126 27.9 13.8 41.4





#83
tert-Butylbenzene
Concen: 53.694 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

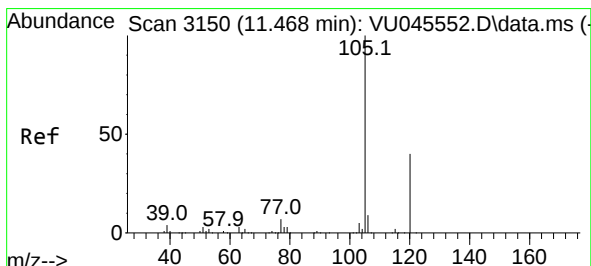
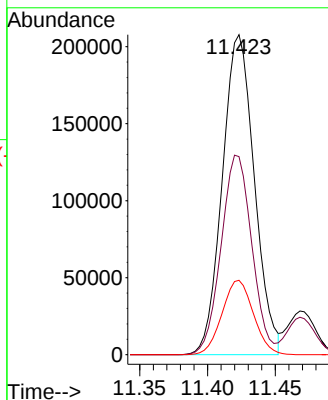
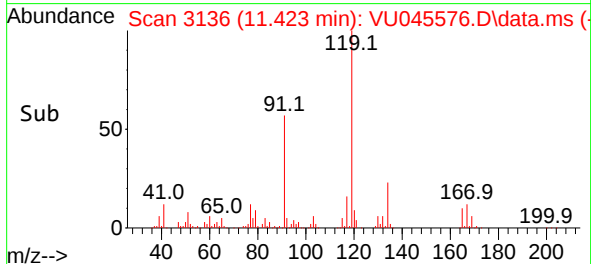
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 34195
Ion Ratio Lower Upper
119 100
91 59.7 30.5 91.5
134 22.8 11.5 34.5

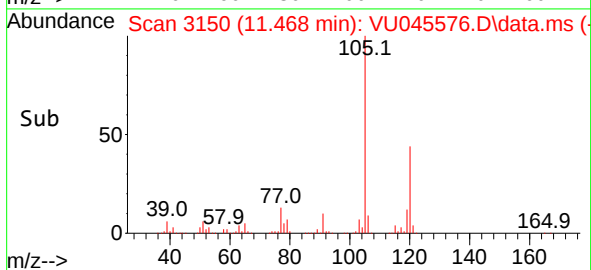
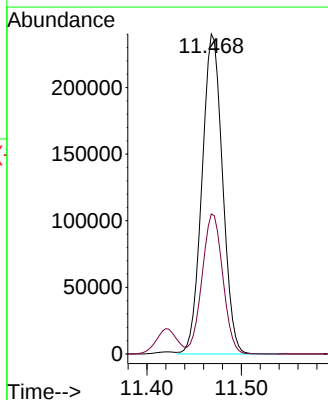
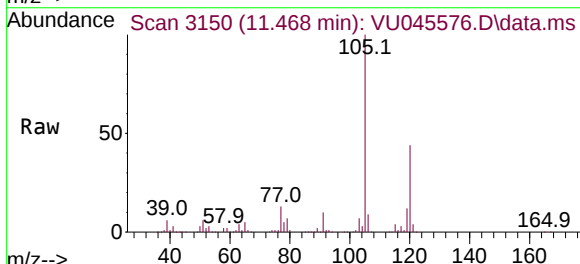
Manual Integrations
APPROVED

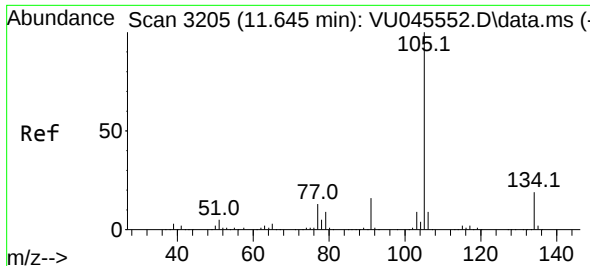
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#84
1,2,4-Trimethylbenzene
Concen: 54.639 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

Tgt Ion:105 Resp: 362803
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6





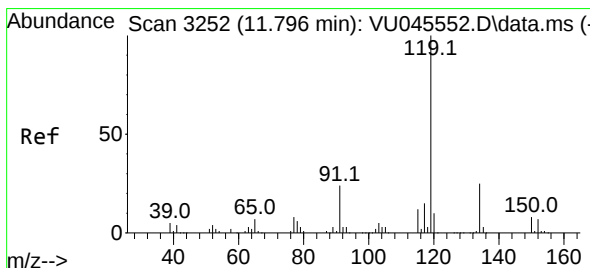
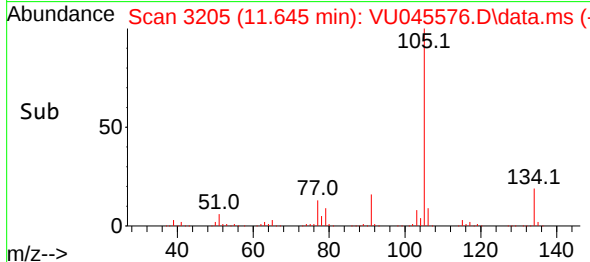
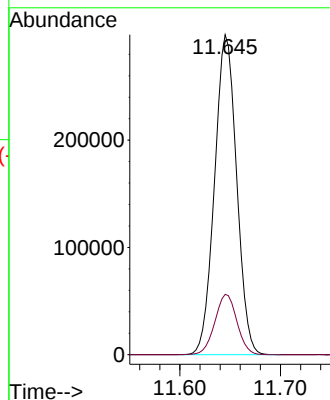
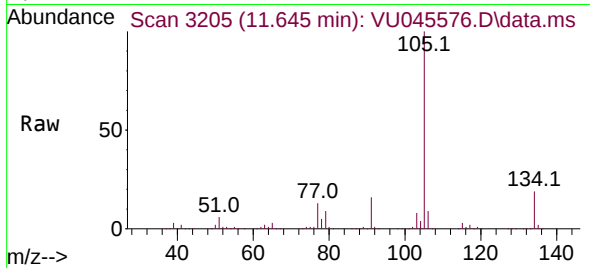
#85
 sec-Butylbenzene
 Concen: 53.797 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 454389
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3

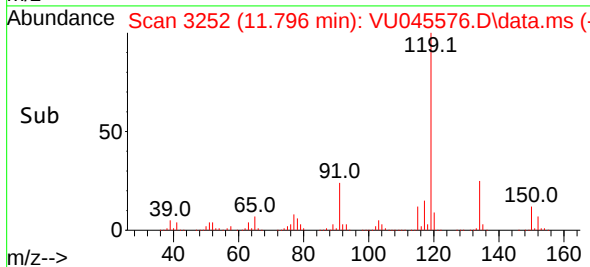
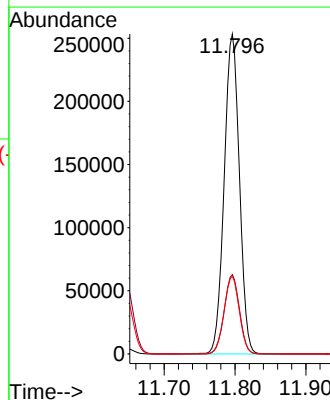
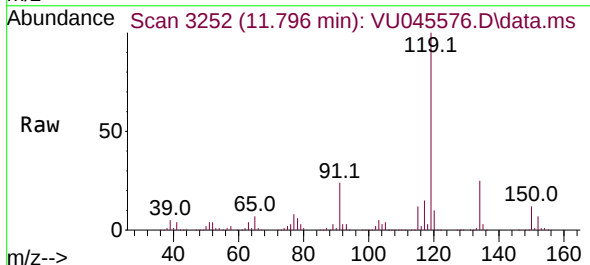
Manual Integrations
 APPROVED

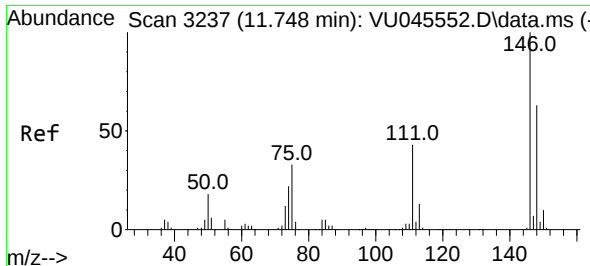
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021



#86
 p-Isopropyltoluene
 Concen: 53.475 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045576.D
 Acq: 05 Nov 2021 22:19

Tgt Ion:119 Resp: 377433
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 24.4 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 50.002 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

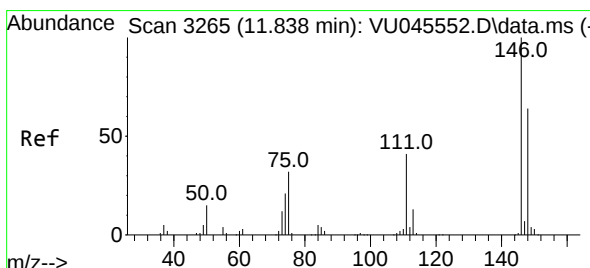
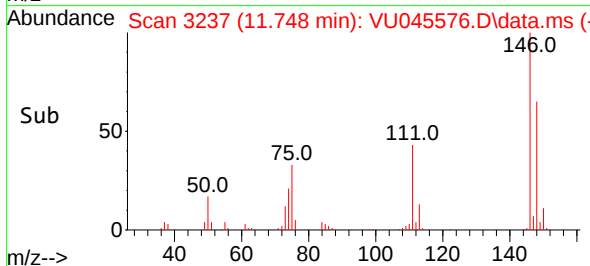
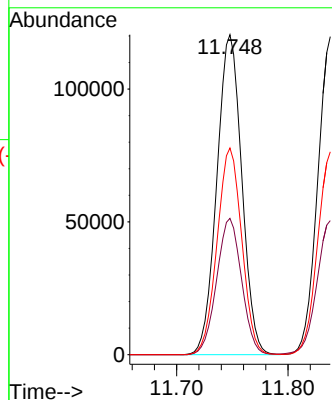
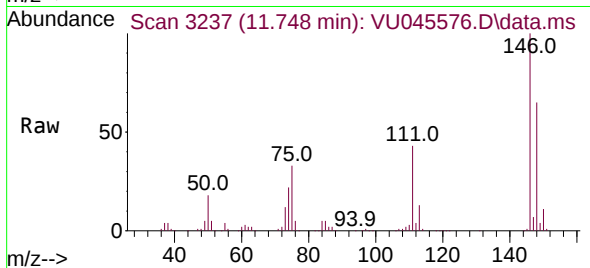
Tgt Ion:146 Resp: 187304
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 64.0 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#88

1,4-Dichlorobenzene

Concen: 49.555 ug/l

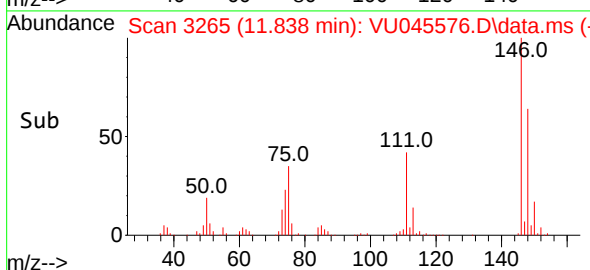
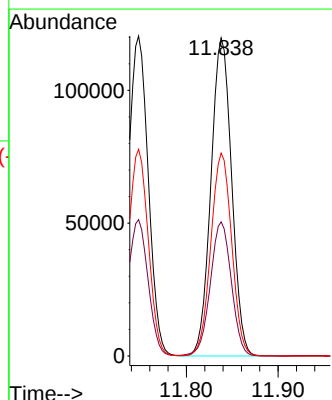
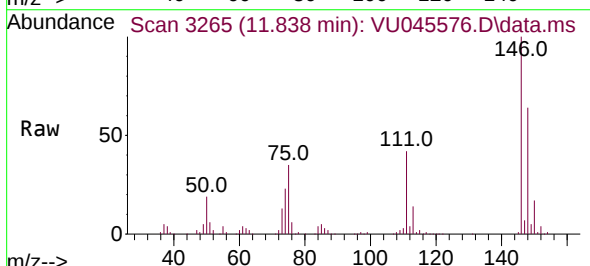
RT: 11.838 min Scan# 3265

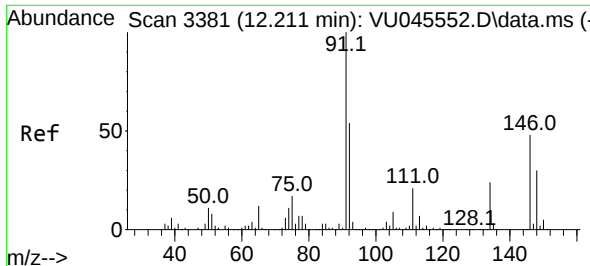
Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Tgt Ion:146 Resp: 187741
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.6 61.9
 148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 52.191 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045576.D

Acq: 05 Nov 2021 22:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 35484

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.2

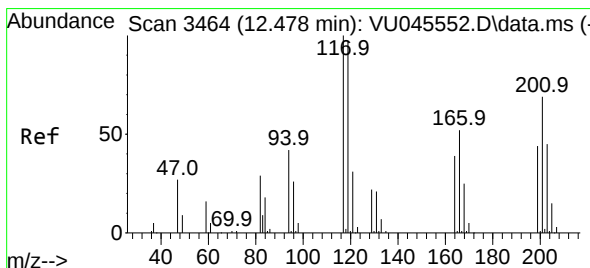
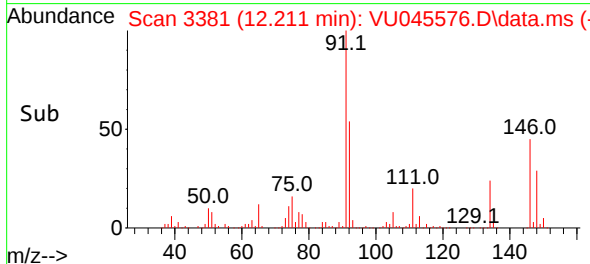
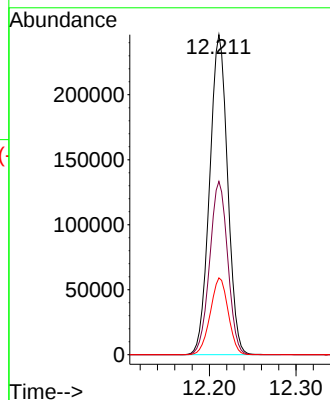
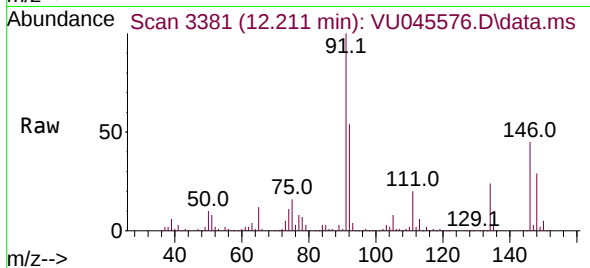
134 23.9 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#90

Hexachloroethane

Concen: 52.517 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. -0.000 min

Lab File: VU045576.D

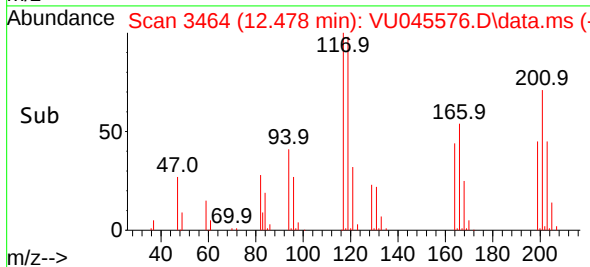
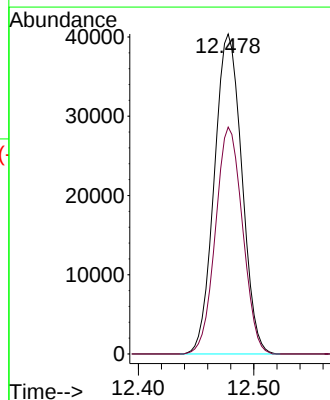
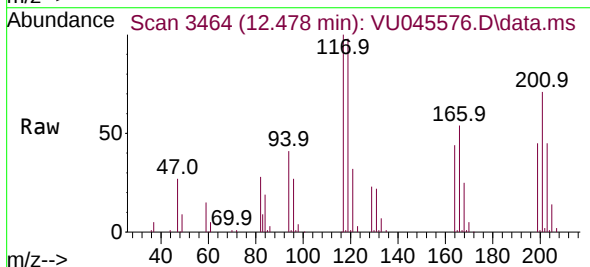
Acq: 05 Nov 2021 22:19

Tgt Ion:117 Resp: 66868

Ion Ratio Lower Upper

117 100

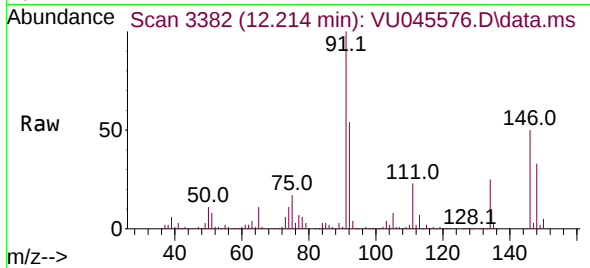
201 69.7 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 51.327 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

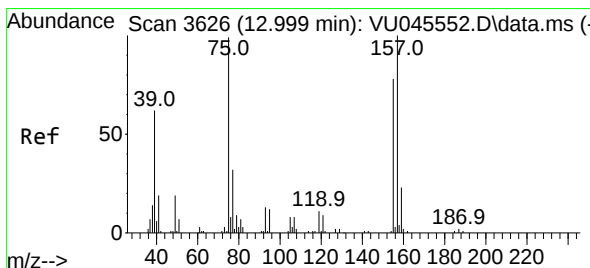
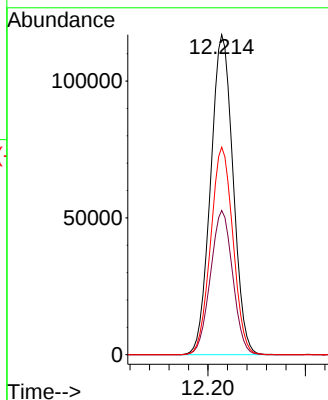
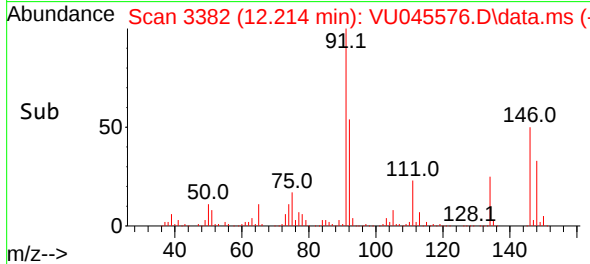
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 187059
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 64.5 32.1 96.3

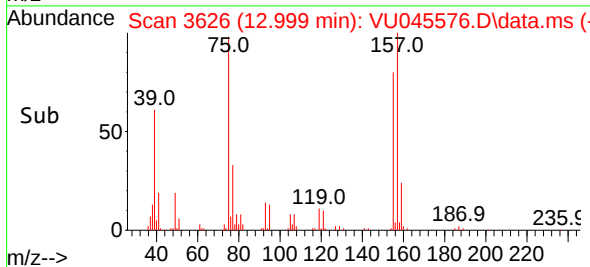
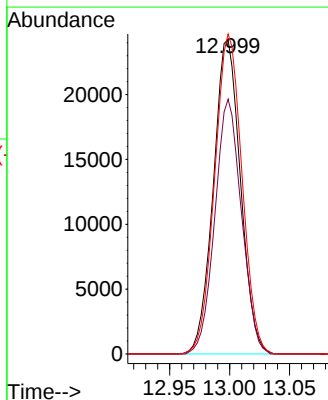
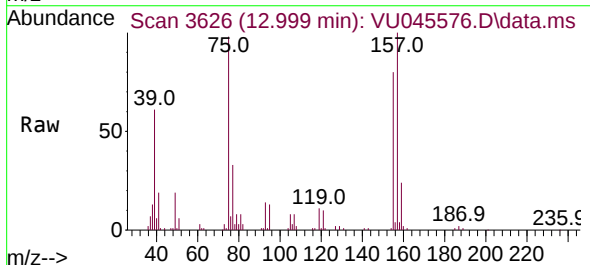
Manual Integrations
APPROVED

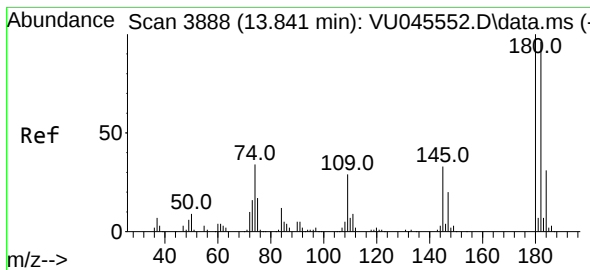
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.261 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

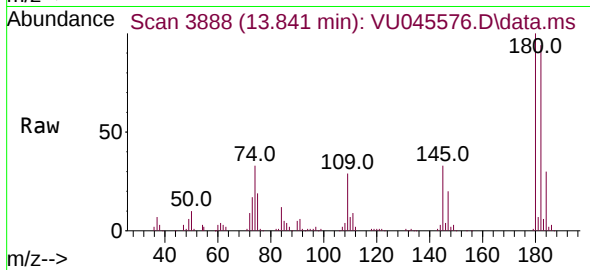
Tgt Ion: 75 Resp: 38074
Ion Ratio Lower Upper
75 100
155 79.5 37.8 113.3
157 102.8 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 50.327 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

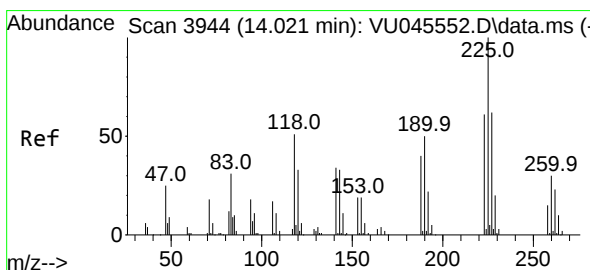
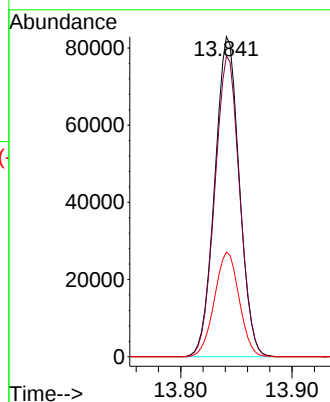
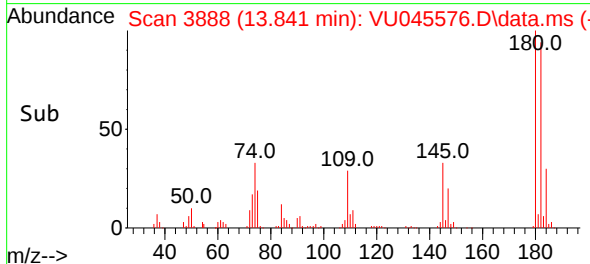
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



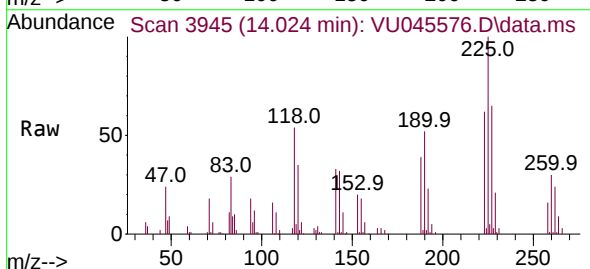
Tgt Ion:180 Resp: 12681
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.2
145 32.9 15.6 46.7

Manual Integrations
APPROVED

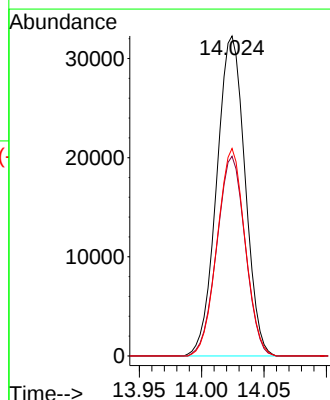
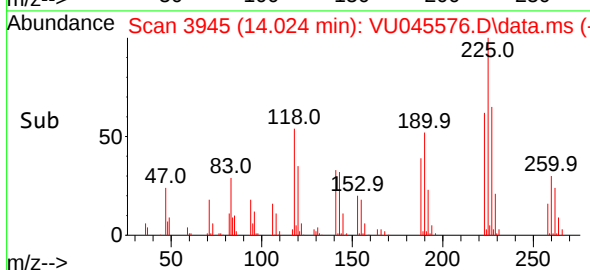
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

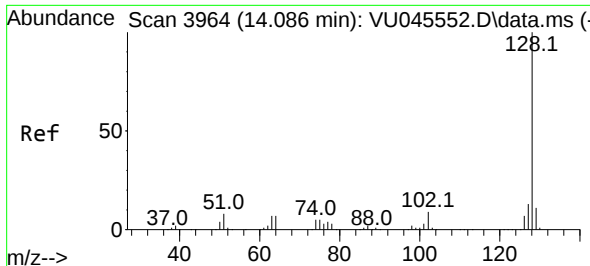


#94
Hexachlorobutadiene
Concen: 46.980 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



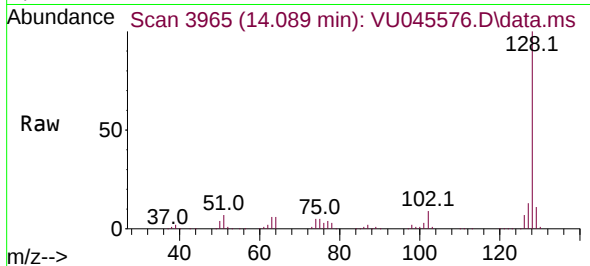
Tgt Ion:225 Resp: 51102
Ion Ratio Lower Upper
225 100
223 62.5 32.0 96.2
227 63.8 31.1 93.5





#95
Naphthalene
Concen: 49.927 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19

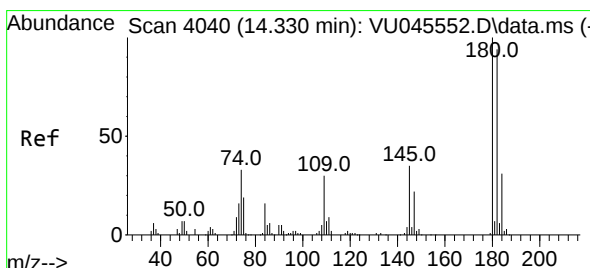
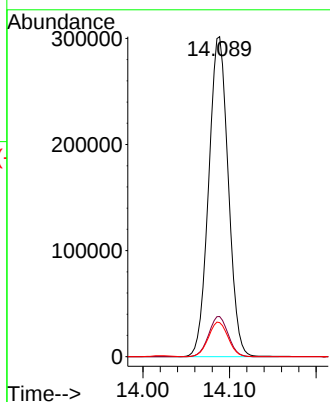
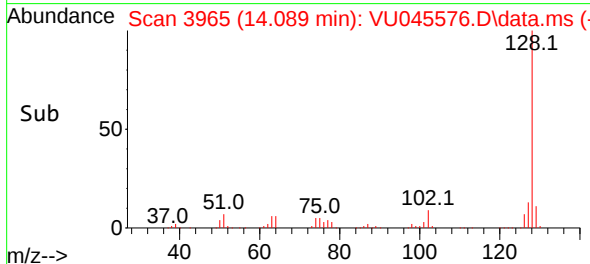
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



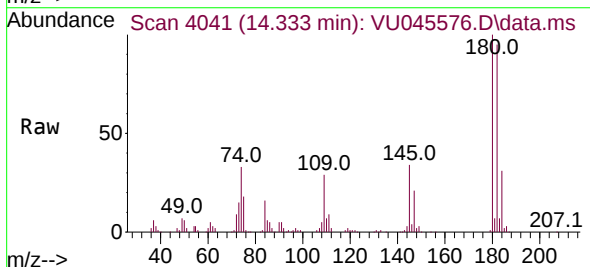
Tgt Ion:128 Resp: 472959
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.015 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045576.D
Acq: 05 Nov 2021 22:19



Tgt Ion:180 Resp: 130188
Ion Ratio Lower Upper
180 100
182 95.9 47.7 143.1
145 34.3 16.7 50.0

