

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020737.D
 Acq On : 01 Nov 2021 16:06
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

Quant Time: Nov 02 04:18:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:15:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	40973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	59997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	58065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	33337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	16083	40.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.280%		
35) Dibromofluoromethane	7.884	113	17654	49.659	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.320%		
50) Toluene-d8	10.323	98	61085	46.400	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.800%		
62) 4-Bromofluorobenzene	12.615	95	22167	44.921	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5772	56.755	ug/l	100
3) Chloromethane	2.209	50	11918	48.576	ug/l	100
4) Vinyl Chloride	2.355	62	24167	76.036	ug/l	100
5) Bromomethane	2.757	94	18527	116.071	ug/l	100
6) Chloroethane	2.910	64	10735	112.070	ug/l	100
7) Trichlorofluoromethane	3.239	101	7275	53.231	ug/l	100
8) Diethyl Ether	3.678	74	7988	48.340	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	18094	54.053	ug/l	100
10) Methyl Iodide	4.263	142	24100	62.512	ug/l	100
11) Tert butyl alcohol	5.172	59	4852	227.662	ug/l	100
12) 1,1-Dichloroethene	4.038	96	17311	53.516	ug/l	100
13) Acrolein	3.897	56	1513	171.607	ug/l	100
14) Allyl chloride	4.666	41	12838	28.398	ug/l	100
15) Acrylonitrile	5.361	53	17395	227.629	ug/l	100
16) Acetone	4.117	43	16025	188.210	ug/l	100
17) Carbon Disulfide	4.379	76	43388	49.262	ug/l	100
18) Methyl Acetate	4.678	43	10821	39.207	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	21815	50.164	ug/l	100
20) Methylene Chloride	4.909	84	19336	44.636	ug/l	100
21) trans-1,2-Dichloroethene	5.422	96	19404	53.464	ug/l	100
22) Diisopropyl ether	6.312	45	35843	36.935	ug/l	100
23) Vinyl Acetate	6.251	43	105794	198.698	ug/l	100
24) 1,1-Dichloroethane	6.214	63	29152	45.122	ug/l	100
25) 2-Butanone	7.171	43	21293	205.315	ug/l	100
26) 2,2-Dichloropropane	7.165	77	17109	47.220	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	21242	53.583	ug/l	100
28) Bromochloromethane	7.513	49	11377	38.307	ug/l	100
29) Tetrahydrofuran	7.531	42	12581	201.501	ug/l	100
30) Chloroform	7.677	83	35945	51.743	ug/l	100
31) Cyclohexane	7.952	56	24325	37.639	ug/l	100
32) 1,1,1-Trichloroethane	7.866	97	28865	53.818	ug/l	100
36) 1,1-Dichloropropene	8.080	75	26415	49.998	ug/l	100
37) Ethyl Acetate	7.250	43	9102	41.606	ug/l	100
38) Carbon Tetrachloride	8.061	117	27602	55.410	ug/l	100
39) Methylcyclohexane	9.335	83	33164	51.692	ug/l	100
40) Benzene	8.323	78	74382	49.011	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	4663	36.627	ug/l	100
42) 1,2-Dichloroethane	8.397	62	21495	46.520	ug/l	100
43) Isopropyl Acetate	8.421	43	17135	41.037	ug/l	100
44) Trichloroethene	9.092	130	21798	53.747	ug/l	100
45) 1,2-Dichloropropane	9.372	63	16153	45.740	ug/l	100
46) Dibromomethane	9.457	93	11582	57.524	ug/l	100
47) Bromodichloromethane	9.646	83	27545	54.673	ug/l	100
48) Methyl methacrylate	9.433	41	7749	38.066	ug/l	100
49) 1,4-Dioxane	9.451	88	3447	1264.191	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	48879	221.245	ug/l	100
52) Toluene	10.384	92	48553	52.016	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	25991	52.046	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	28510	49.911	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	16190	57.577	ug/l	100
56) Ethyl methacrylate	10.640	69	18477	54.176	ug/l	100
57) 1,3-Dichloropropane	10.933	76	25164	52.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	36792	229.114	ug/l	100
59) 2-Hexanone	10.963	43	34928	224.196	ug/l	100
60) Dibromochloromethane	11.128	129	20150	59.665	ug/l	100
61) 1,2-Dibromoethane	11.238	107	16792	61.582	ug/l	100
64) Tetrachloroethene	10.866	164	19950	53.961	ug/l	100
65) Chlorobenzene	11.658	112	56780	53.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.725	131	21435	55.277	ug/l	100
67) Ethyl Benzene	11.725	91	97187	51.549	ug/l	100
68) m/p-Xylenes	11.835	106	77565	105.685	ug/l	100
69) o-Xylene	12.164	106	37029	54.519	ug/l	100
70) Styrene	12.176	104	64216	55.129	ug/l	100
71) Bromoform	12.347	173	12808	59.589	ug/l #	100
73) Isopropylbenzene	12.463	105	100963	50.591	ug/l	100
74) N-amyl acetate	12.268	43	17203	39.376	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	19780	54.787	ug/l	100
76) 1,2,3-Trichloropropane	12.762	75	14184m	49.884	ug/l	100
77) Bromobenzene	12.743	156	25922	52.909	ug/l	100
78) n-propylbenzene	12.804	91	122450	49.948	ug/l	100
79) 2-Chlorotoluene	12.890	91	68301	48.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	87831	50.635	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.506	75	5886	51.698	ug/l	100
82) 4-Chlorotoluene	12.987	91	73174	48.753	ug/l	100
83) tert-Butylbenzene	13.207	119	77731	52.360	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	87099	50.439	ug/l	100
85) sec-Butylbenzene	13.384	105	113718	51.011	ug/l	100
86) p-Isopropyltoluene	13.493	119	97028	51.364	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	53381	53.204	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	48602	49.029	ug/l	100
89) n-Butylbenzene	13.822	91	90082	50.852	ug/l	100
90) Hexachloroethane	14.091	117	18241	52.232	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	43682	50.338	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3217	50.490	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	30772	51.320	ug/l	100
94) Hexachlorobutadiene	15.225	225	15622	41.430	ug/l	100
95) Naphthalene	15.365	128	61435	60.243	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	26571	49.596	ug/l	100

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ClientSampleId :
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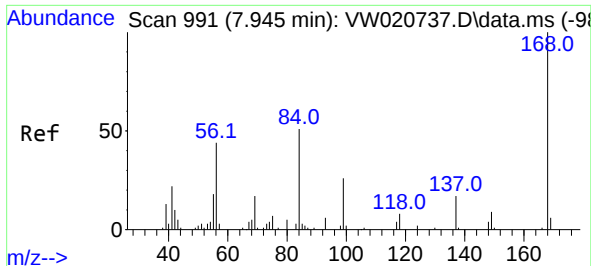
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APPROVED

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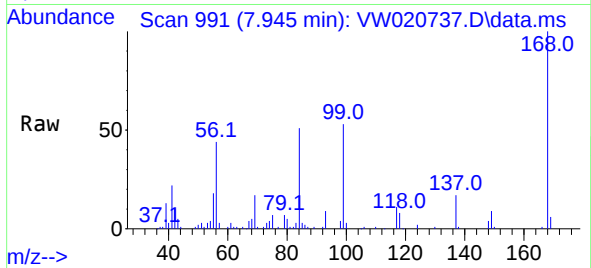
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020737.D
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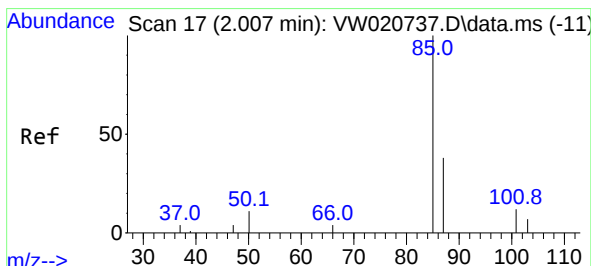
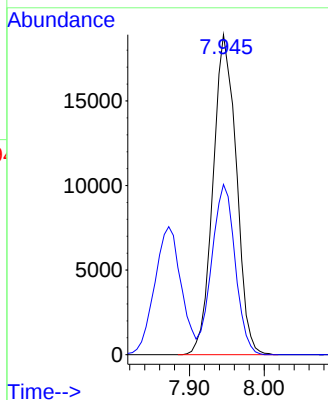
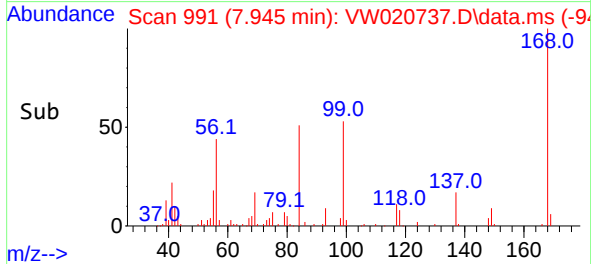
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 4097
Ion Ratio Lower Upper
168 100
99 53.2 42.6 63.8

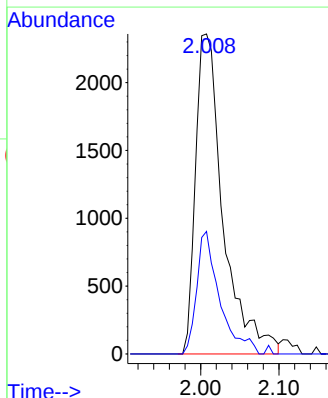
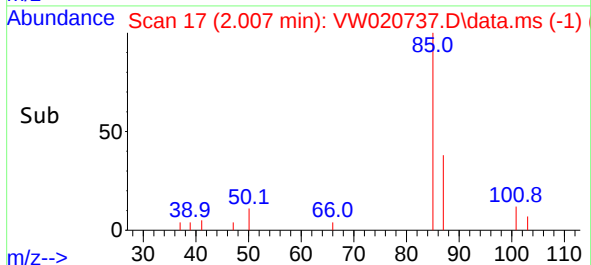
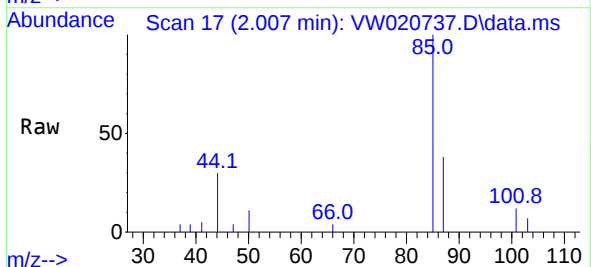
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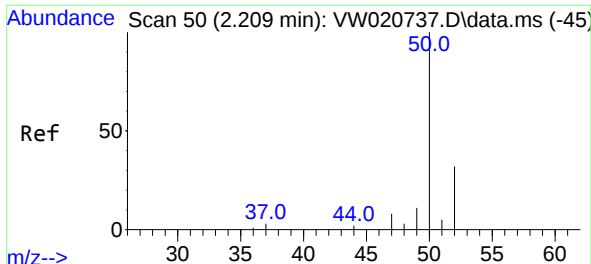
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#2
Dichlorodifluoromethane
Concen: 56.755 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion: 85 Resp: 5772
Ion Ratio Lower Upper
85 100
87 38.3 19.1 57.5





#3

Chloromethane

Concen: 48.576 ug/l

RT: 2.209 min Scan# 50

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 11918

Ion Ratio Lower Upper

50 100

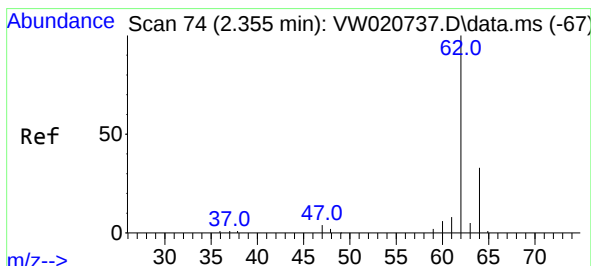
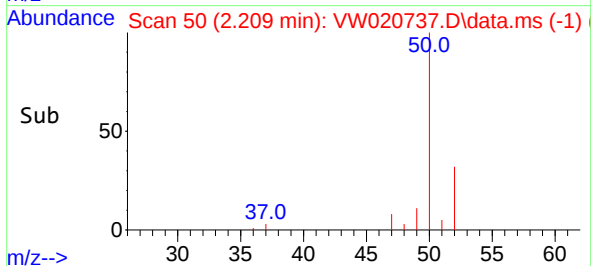
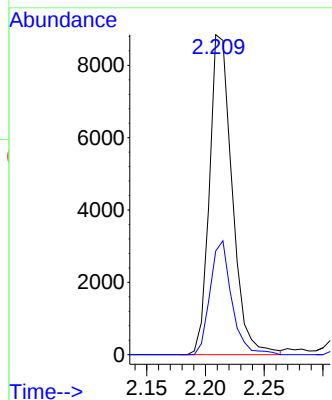
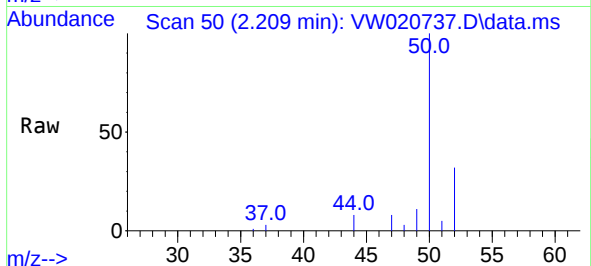
52 32.4 25.9 38.9

Manual Integrations

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Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#4

Vinyl Chloride

Concen: 76.036 ug/l

RT: 2.355 min Scan# 74

Delta R.T. 0.000 min

Lab File: VW020737.D

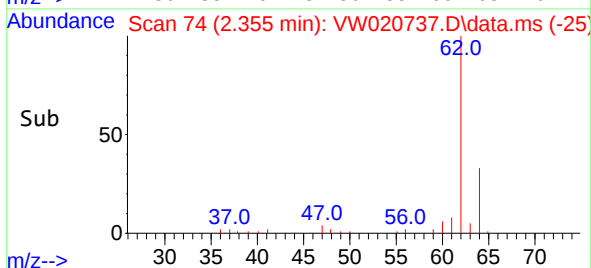
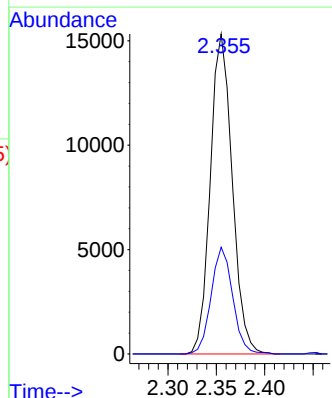
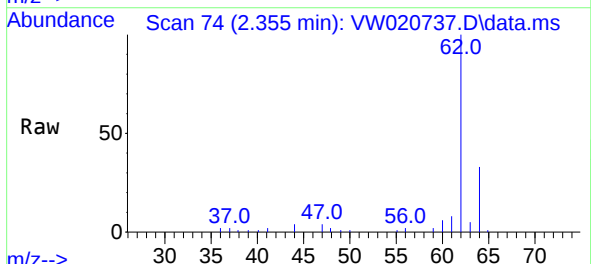
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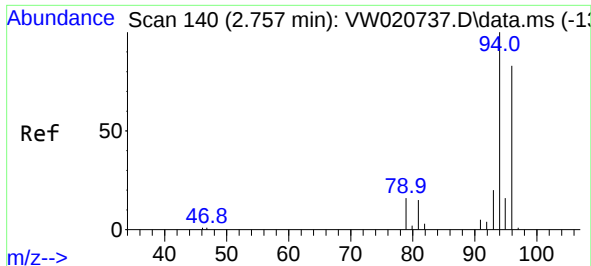
Tgt Ion: 62 Resp: 24167

Ion Ratio Lower Upper

62 100

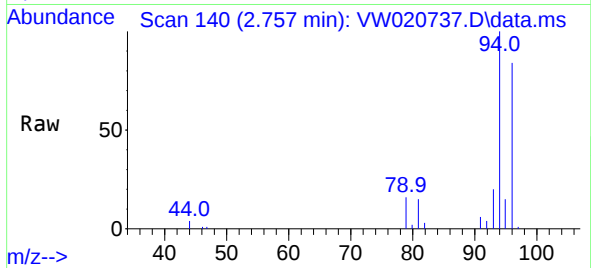
64 33.4 26.7 40.1





#5
Bromomethane
Concen: 116.071 ug/l
RT: 2.757 min Scan# 140
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

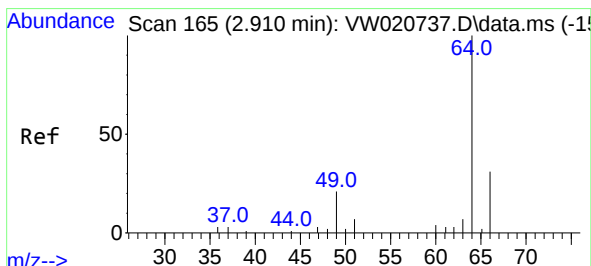
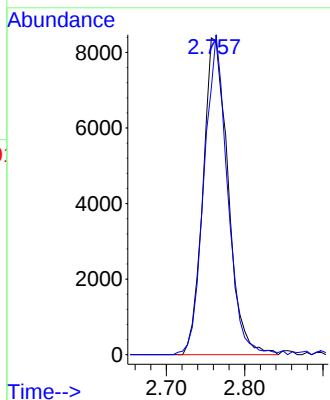
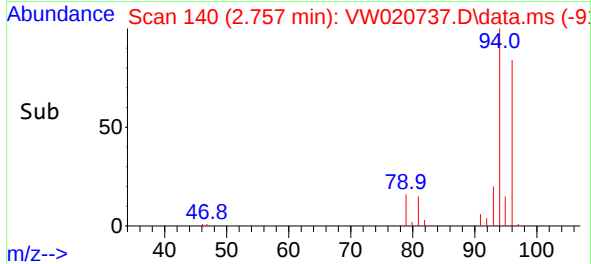
Instrument :
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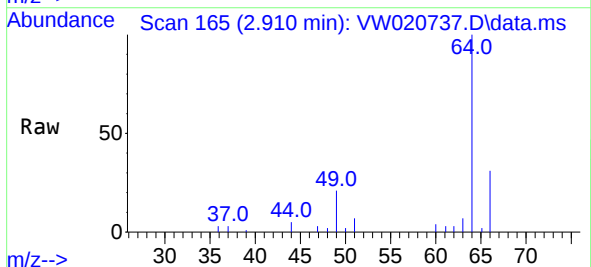
Tgt Ion: 94 Resp: 1852
Ion Ratio Lower Upper
94 100
96 83.4 66.7 100.1

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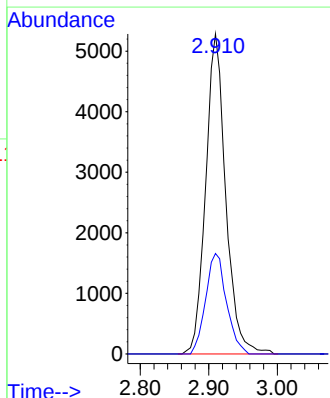
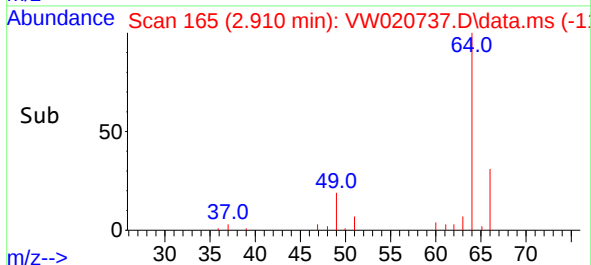
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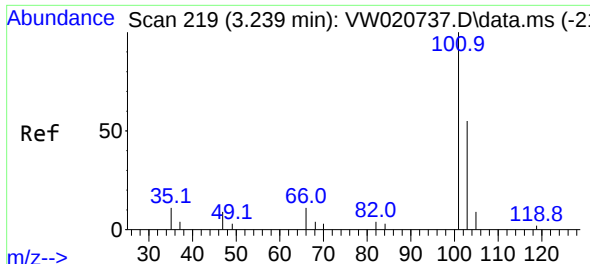


#6
Chloroethane
Concen: 112.070 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



Tgt Ion: 64 Resp: 10735
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





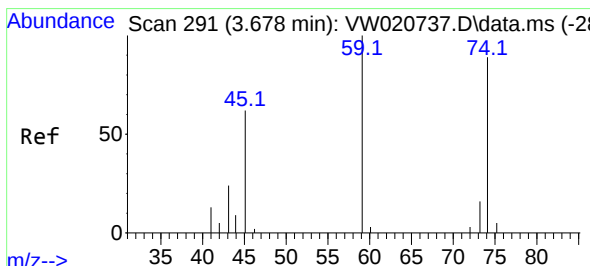
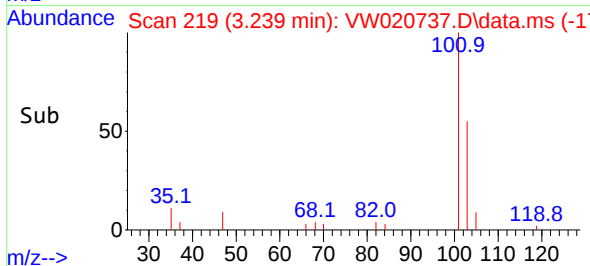
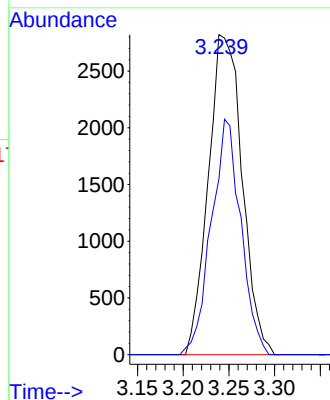
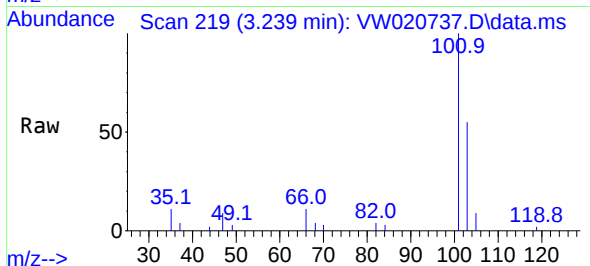
#7
 Trichlorofluoromethane
 Concen: 53.231 ug/l
 RT: 3.239 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VW020737.D
 Acq: 01 Nov 2021 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 7275
 Ion Ratio Lower Upper
 101 100
 103 54.9 43.9 65.9

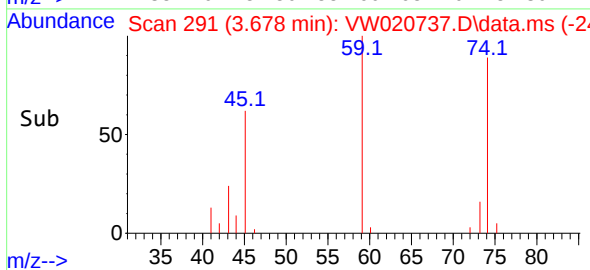
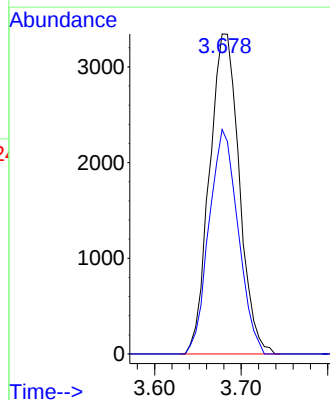
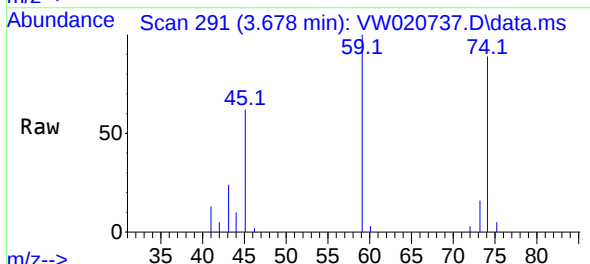
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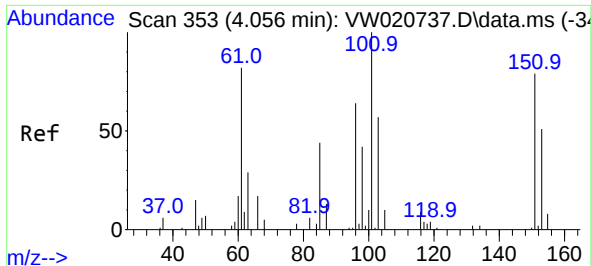
Reviewed By :Vimala Arumugam 11/02/2021
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#8
 Diethyl Ether
 Concen: 48.340 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VW020737.D
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Tgt Ion: 74 Resp: 7988
 Ion Ratio Lower Upper
 74 100
 45 68.5 34.3 102.8





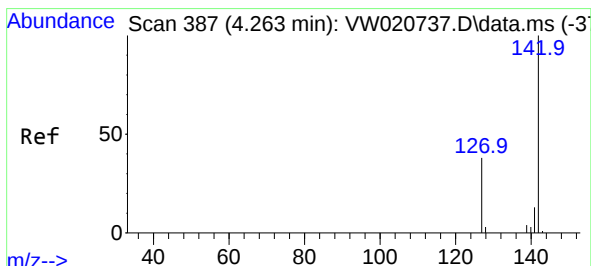
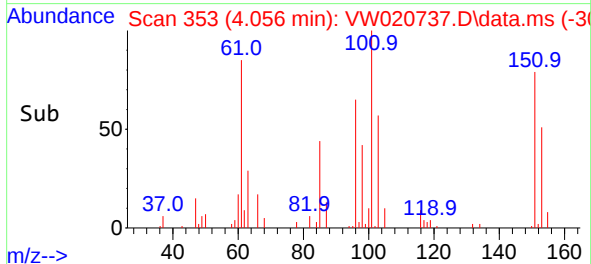
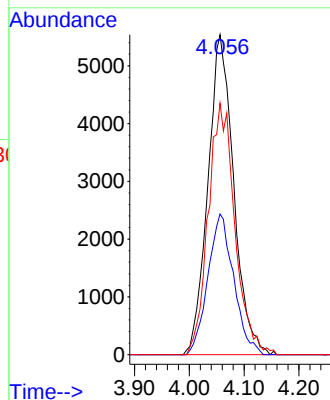
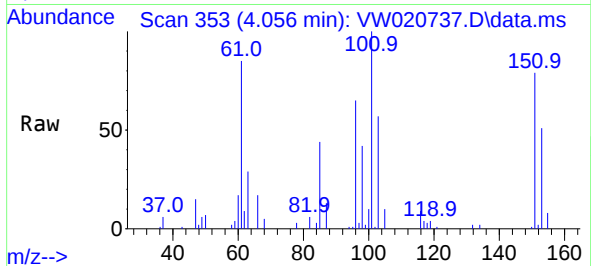
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.053 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 18094
Ion Ratio Lower Upper
101 100
85 44.0 35.2 52.8
151 81.2 65.0 97.4

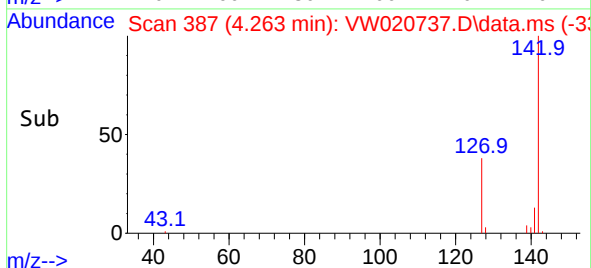
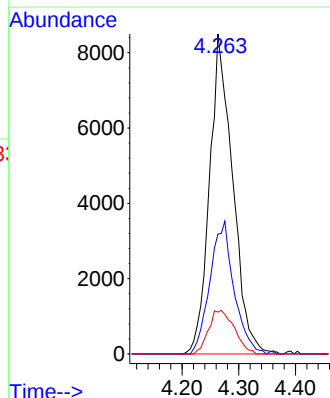
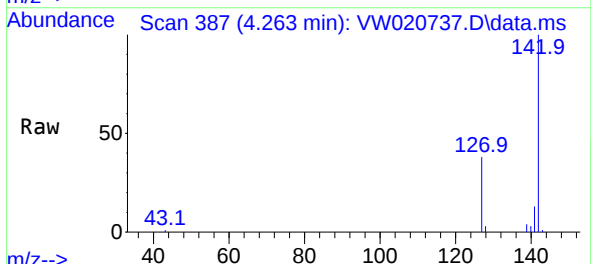
Manual Integrations
APPROVED

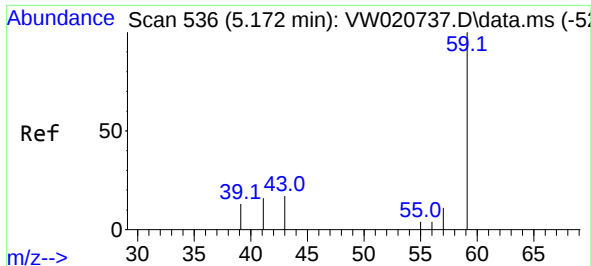
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#10
Methyl Iodide
Concen: 62.512 ug/l
RT: 4.263 min Scan# 387
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

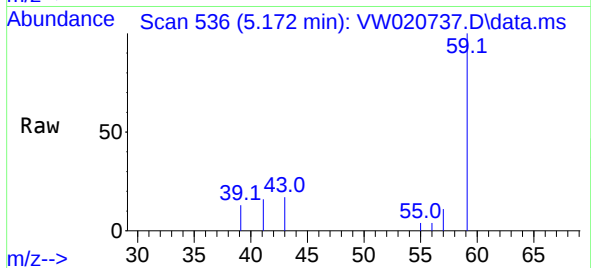
Tgt Ion:142 Resp: 24100
Ion Ratio Lower Upper
142 100
127 42.9 34.3 51.5
141 15.2 12.2 18.2





#11
Tert butyl alcohol
Concen: 227.662 ug/l
RT: 5.172 min Scan# 511
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

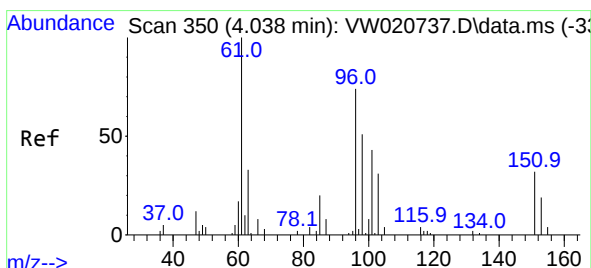
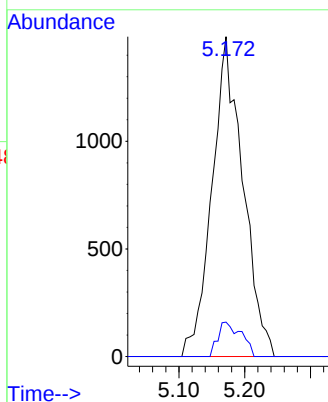
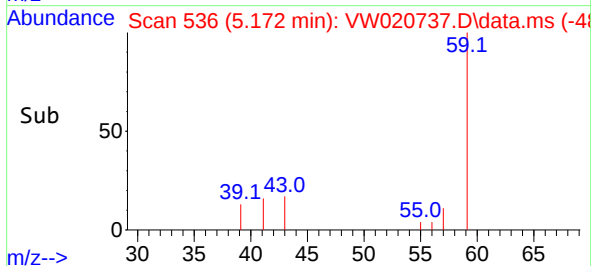
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



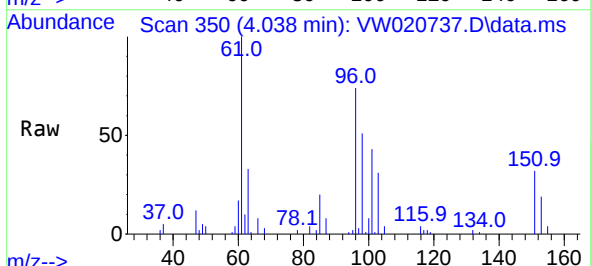
Tgt Ion: 59 Resp: 4852
Ion Ratio Lower Upper
59 100
57 8.1 6.5 9.7

Manual Integrations
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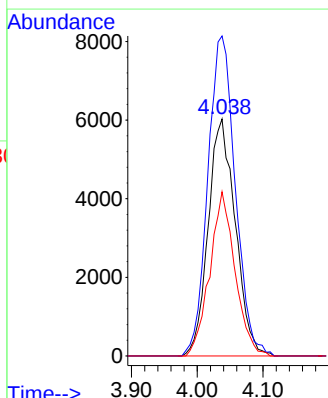
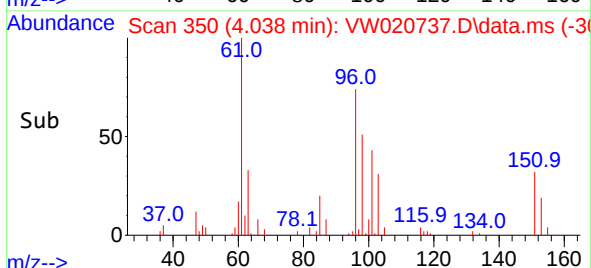
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

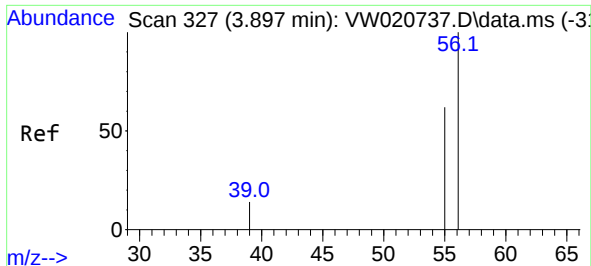


#12
1,1-Dichloroethene
Concen: 53.516 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



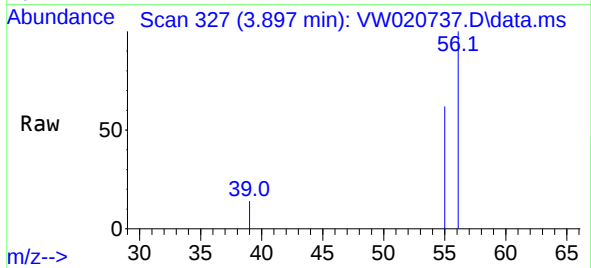
Tgt Ion: 96 Resp: 17311
Ion Ratio Lower Upper
96 100
61 135.1 108.1 162.1
98 69.3 55.4 83.2





#13
Acrolein
Concen: 171.607 ug/l
RT: 3.897 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

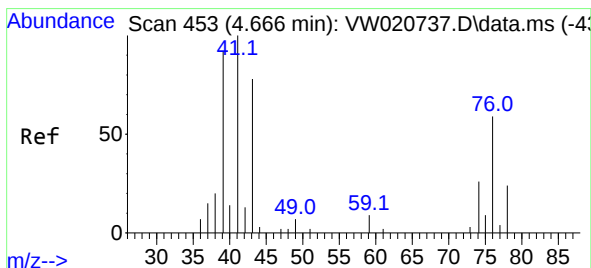
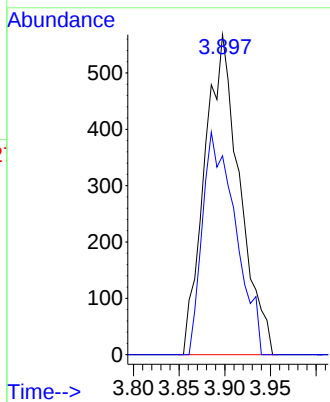
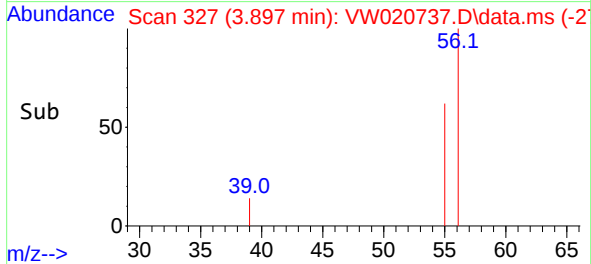
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



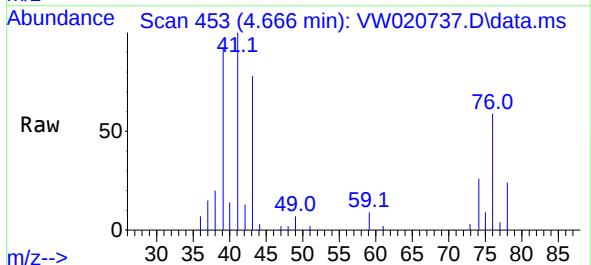
Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 65.6 52.5 78.7

Manual Integrations
APPROVED

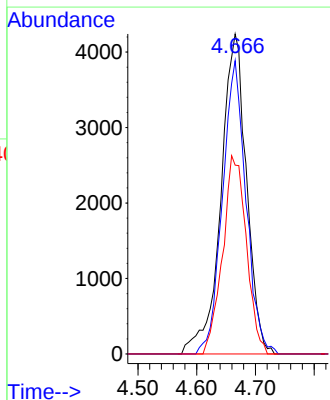
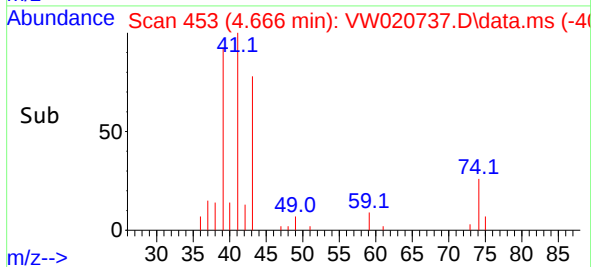
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

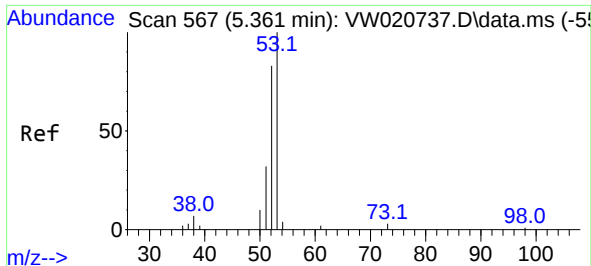


#14
Allyl chloride
Concen: 28.398 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



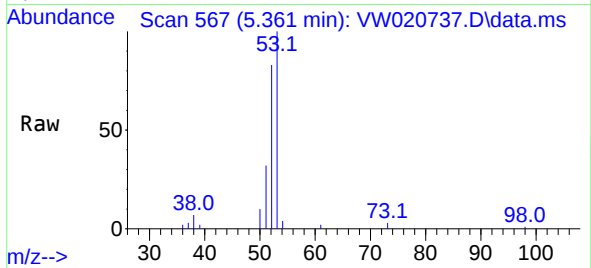
Tgt Ion: 41 Resp: 12838
Ion Ratio Lower Upper
41 100
39 84.1 67.3 100.9
76 57.3 45.8 68.8





#15
Acrylonitrile
Concen: 227.629 ug/l
RT: 5.361 min Scan# 567
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

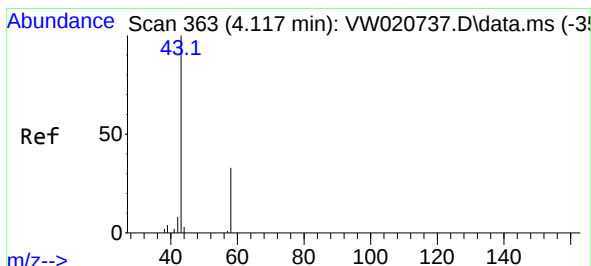
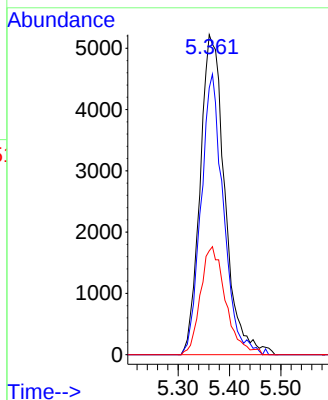
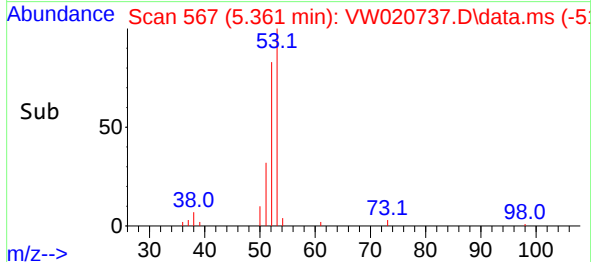
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 17395
Ion Ratio Lower Upper
53 100
52 79.6 63.7 95.5
51 34.4 27.5 41.3

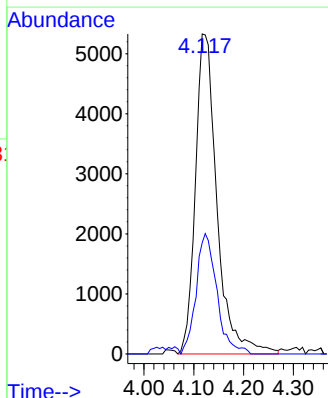
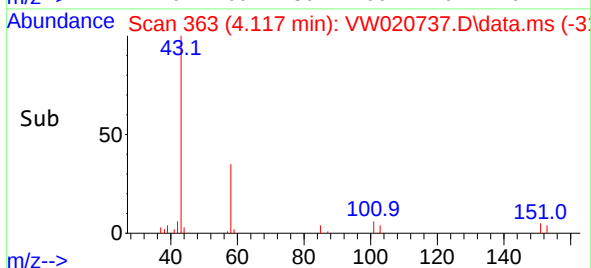
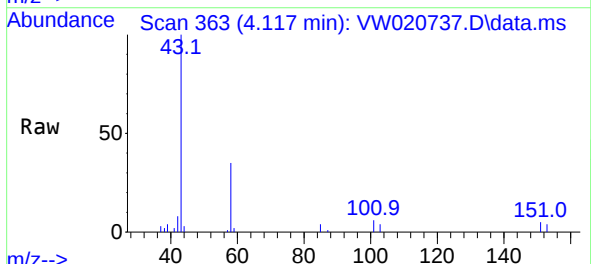
Manual Integrations
APPROVED

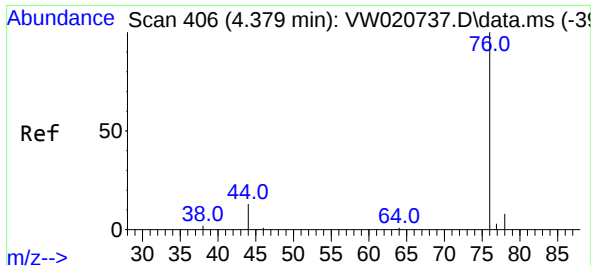
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#16
Acetone
Concen: 188.210 ug/l
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion: 43 Resp: 16025
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.6





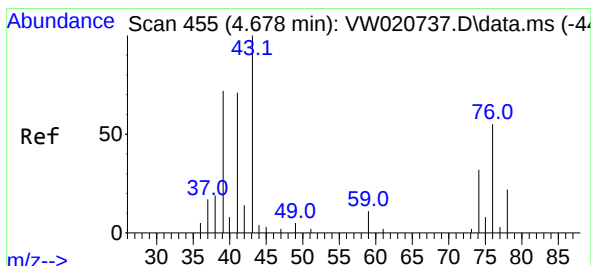
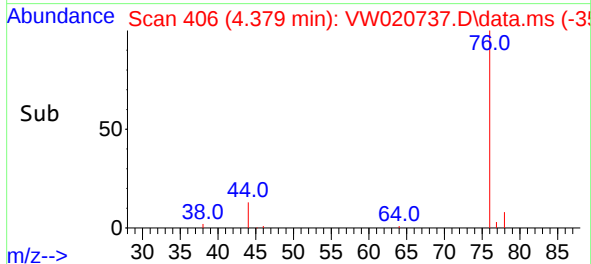
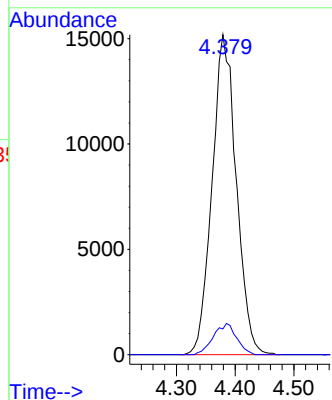
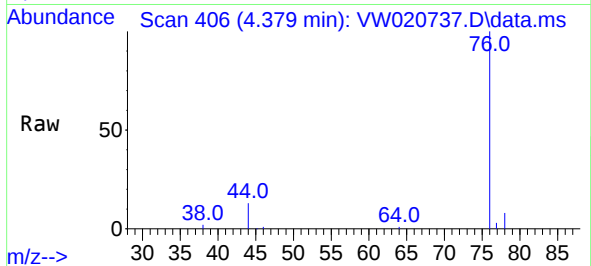
#17
Carbon Disulfide
Concen: 49.262 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 4338
Ion Ratio Lower Upper
76 100
78 8.0 6.4 9.6

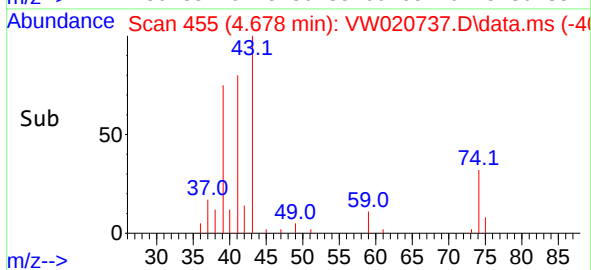
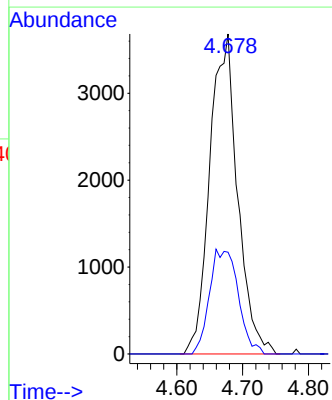
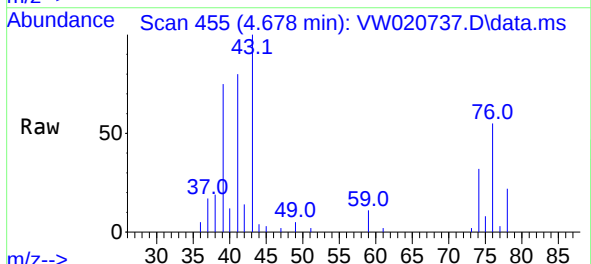
Manual Integrations
APPROVED

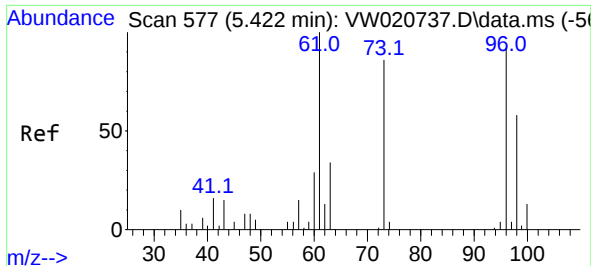
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#18
Methyl Acetate
Concen: 39.207 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion: 43 Resp: 10821
Ion Ratio Lower Upper
43 100
74 33.8 27.0 40.6





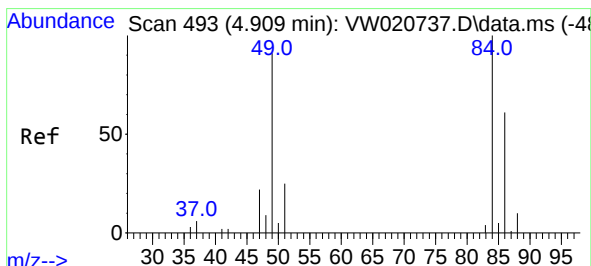
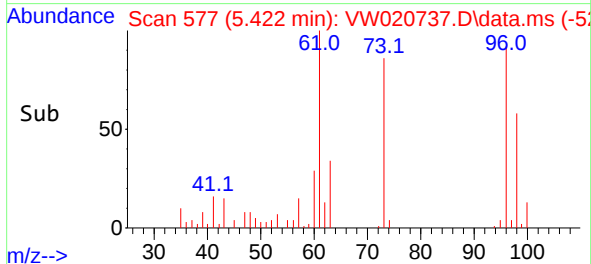
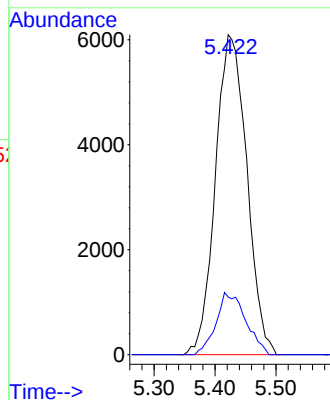
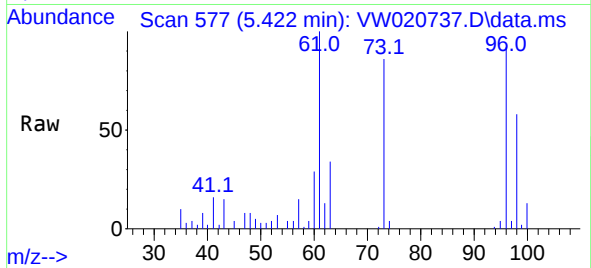
#19
Methyl tert-butyl Ether
Concen: 50.164 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 2181
Ion Ratio Lower Upper
73 100
57 18.0 14.4 21.6

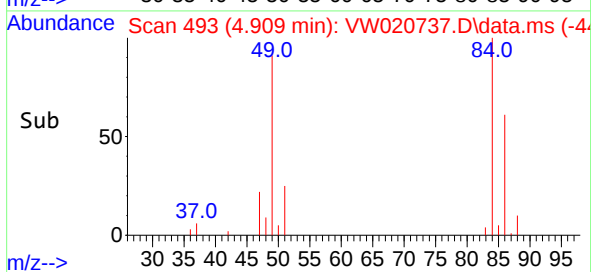
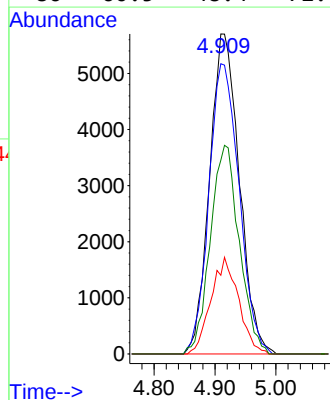
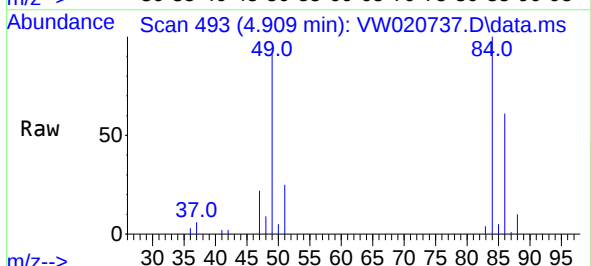
Manual Integrations
APPROVED

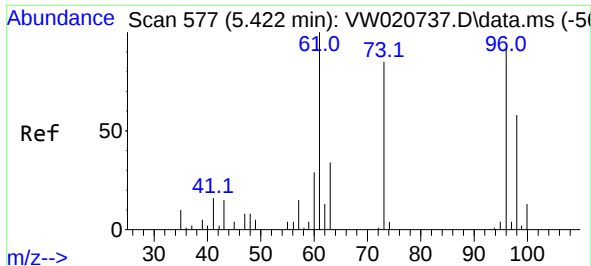
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#20
Methylene Chloride
Concen: 44.636 ug/l
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

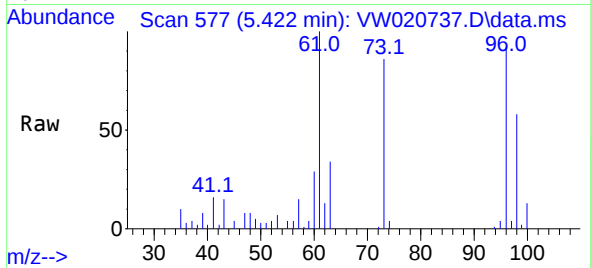
Tgt Ion: 84 Resp: 19336
Ion Ratio Lower Upper
84 100
49 90.7 72.6 108.8
51 24.6 19.7 29.5
86 60.5 48.4 72.6





#21
trans-1,2-Dichloroethene
Concen: 53.464 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

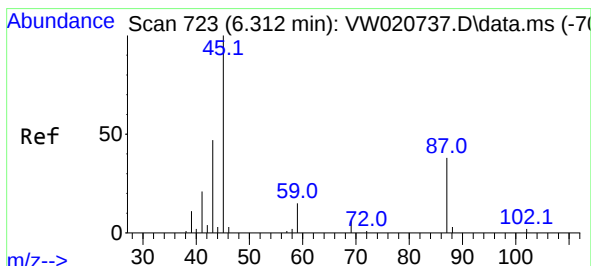
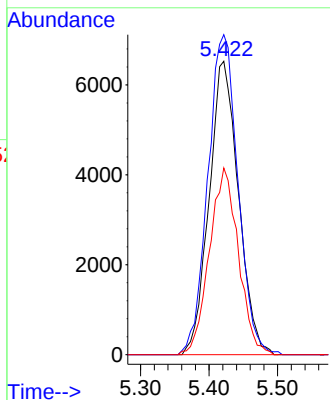
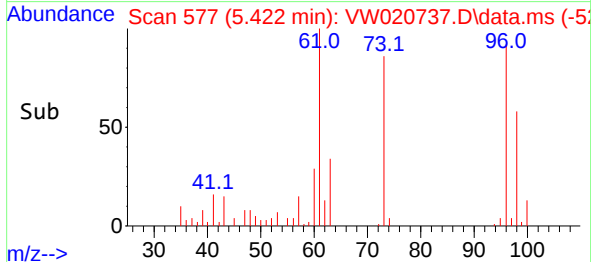
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



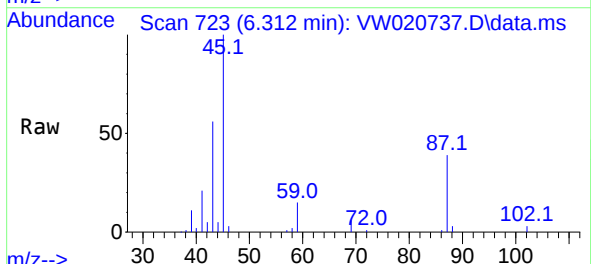
Tgt Ion: 96 Resp: 19404
Ion Ratio Lower Upper
96 100
61 109.0 87.2 130.8
98 63.6 50.9 76.3

Manual Integrations
APPROVED

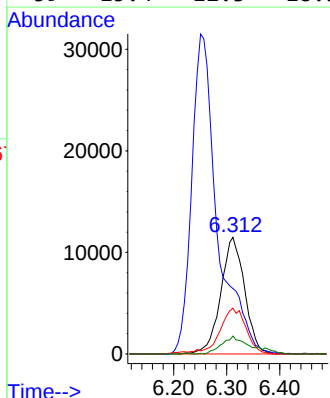
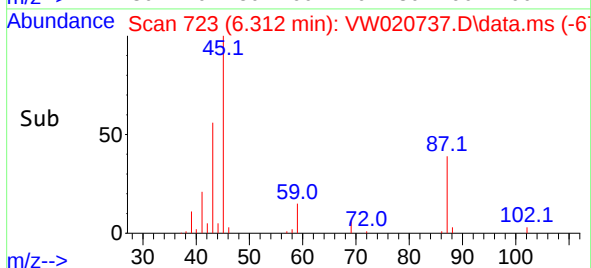
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

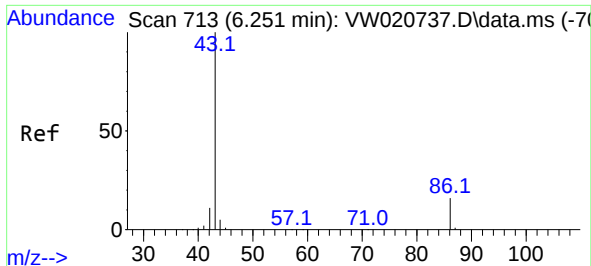


#22
Diisopropyl ether
Concen: 36.935 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



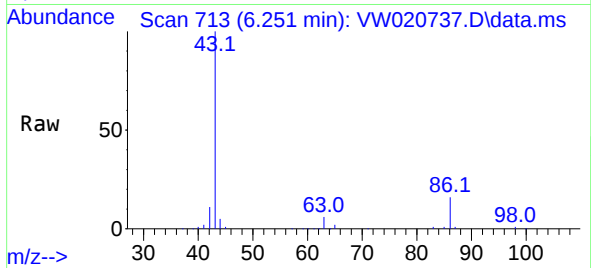
Tgt Ion: 45 Resp: 35843
Ion Ratio Lower Upper
45 100
43 55.4 44.3 66.5
87 39.2 31.4 47.0
59 15.4 12.3 18.5





#23
 Vinyl Acetate
 Concen: 198.698 ug/l
 RT: 6.251 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW020737.D
 Acq: 01 Nov 2021 16:06

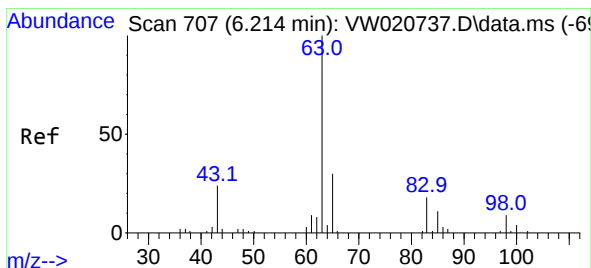
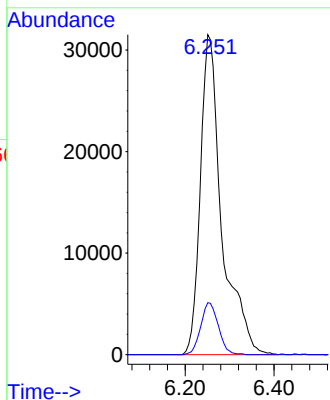
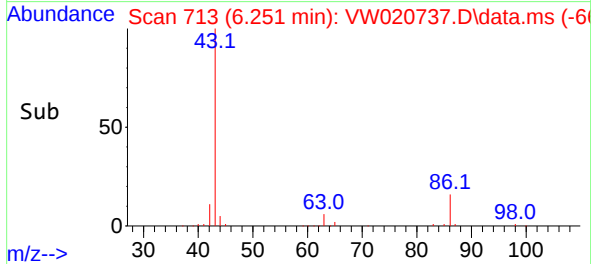
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



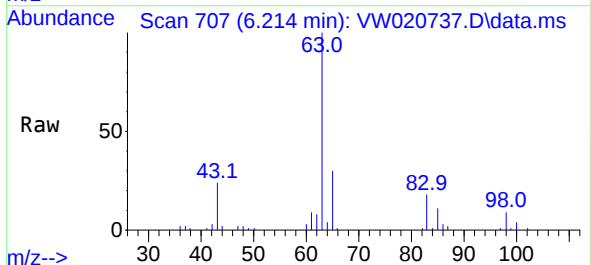
Tgt Ion: 43 Resp: 105794
 Ion Ratio Lower Upper
 43 100
 86 16.2 13.0 19.4

Manual Integrations
 APPROVED

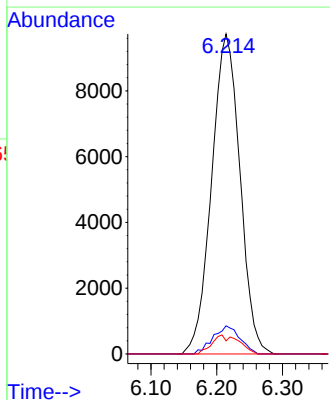
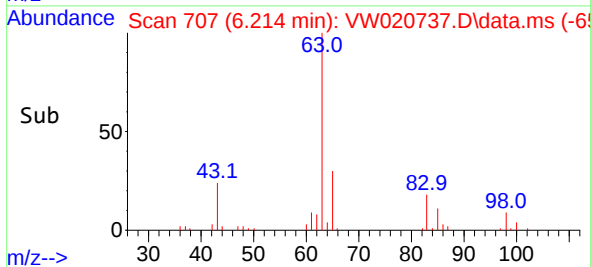
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

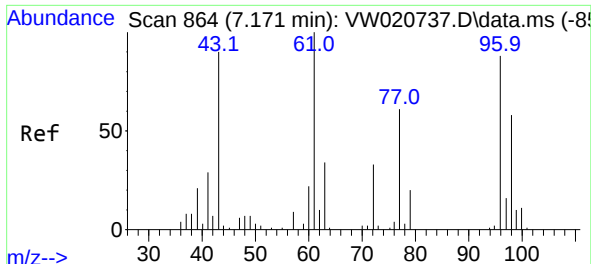


#24
 1,1-Dichloroethane
 Concen: 45.122 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020737.D
 Acq: 01 Nov 2021 16:06



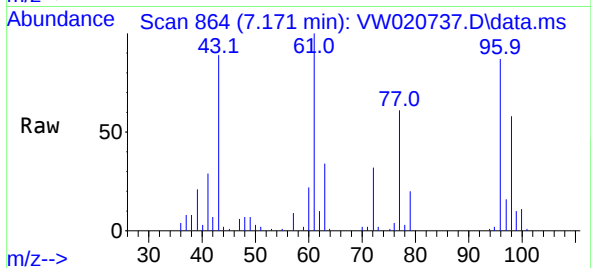
Tgt Ion: 63 Resp: 29152
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.4 13.2
 100 4.1 2.1 6.2





#25
2-Butanone
Concen: 205.315 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

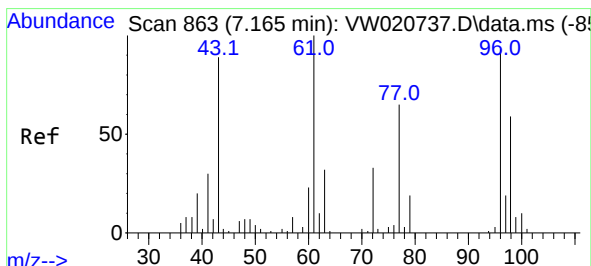
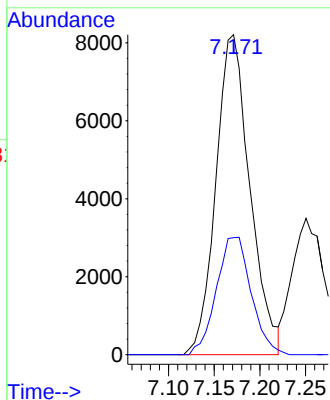
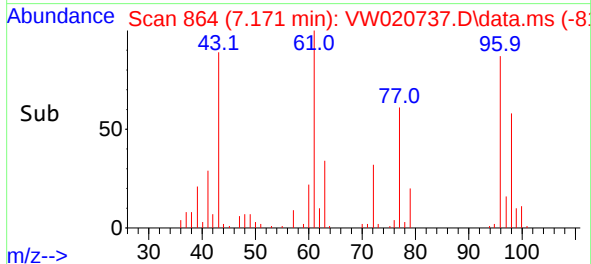
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



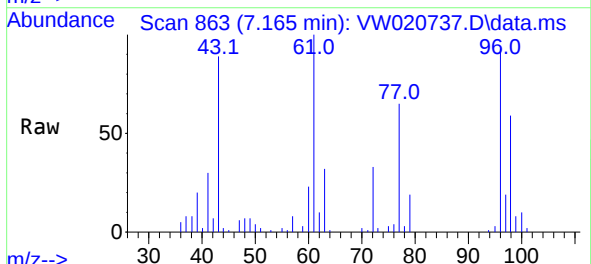
Tgt Ion: 43 Resp: 2129
Ion Ratio Lower Upper
43 100
72 36.6 29.3 43.9

Manual Integrations
APPROVED

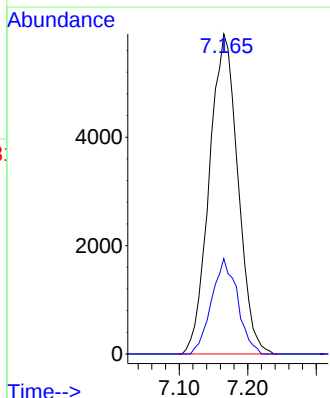
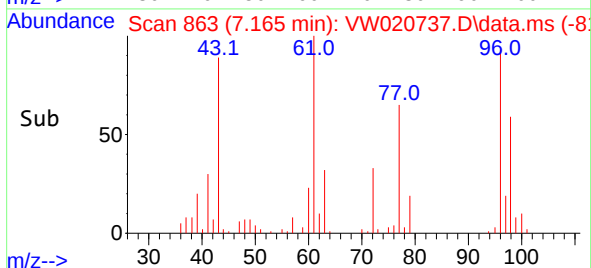
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

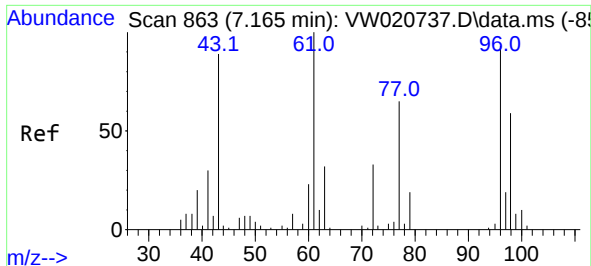


#26
2,2-Dichloropropane
Concen: 47.220 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



Tgt Ion: 77 Resp: 17109
Ion Ratio Lower Upper
77 100
97 27.0 13.5 40.5





#27

cis-1,2-Dichloroethene

Concen: 53.583 ug/l

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

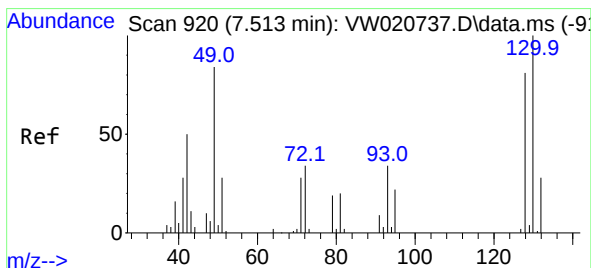
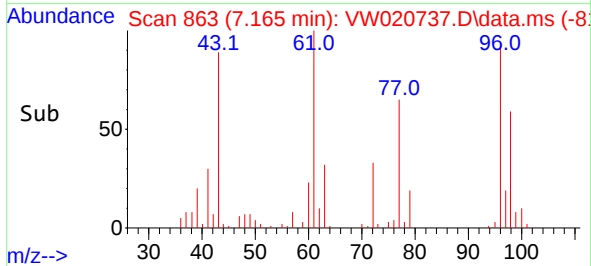
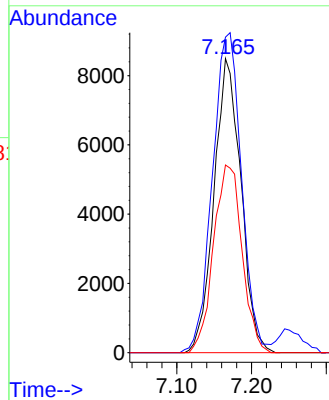
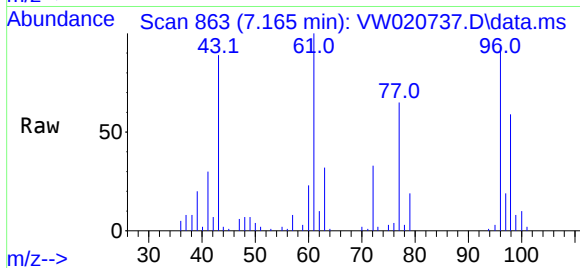
Tgt Ion: 96 Resp: 2124

Ion	Ratio	Lower	Upper
96	100		
61	117.4	0.0	234.8
98	67.7	0.0	135.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#28

Bromochloromethane

Concen: 38.307 ug/l

RT: 7.513 min Scan# 920

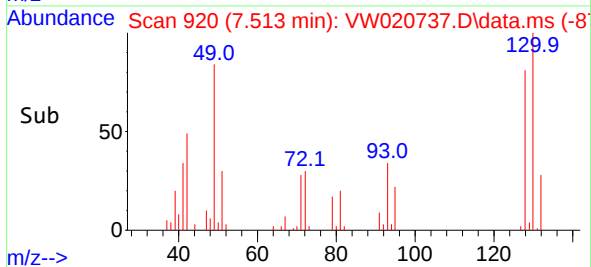
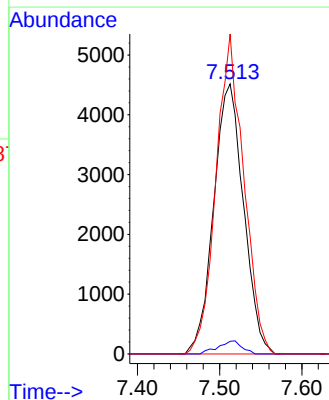
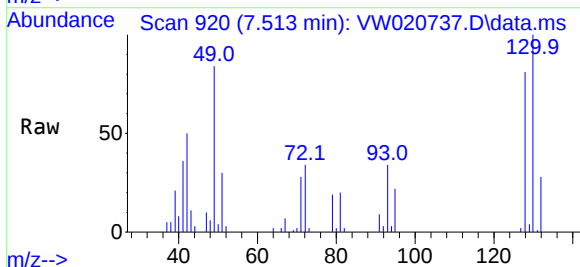
Delta R.T. 0.000 min

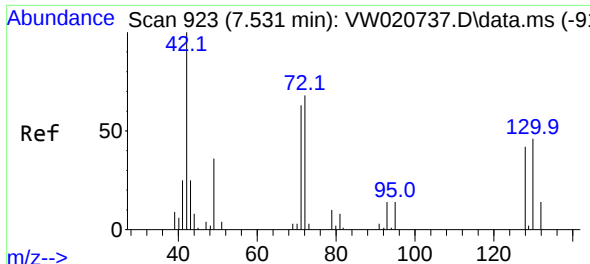
Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Tgt Ion: 49 Resp: 11377

Ion	Ratio	Lower	Upper
49	100		
129	3.8	0.0	7.6
130	110.2	88.2	132.2





#29

Tetrahydrofuran

Concen: 201.501 ug/l

RT: 7.531 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 1258

Ion Ratio Lower Upper

42 100

72 66.2 53.0 79.4

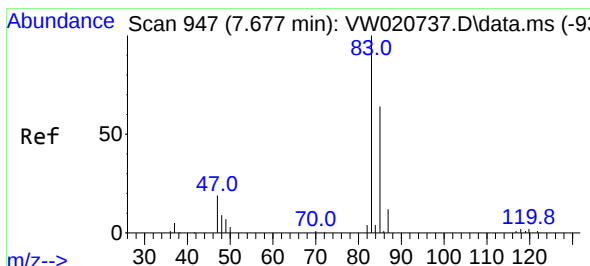
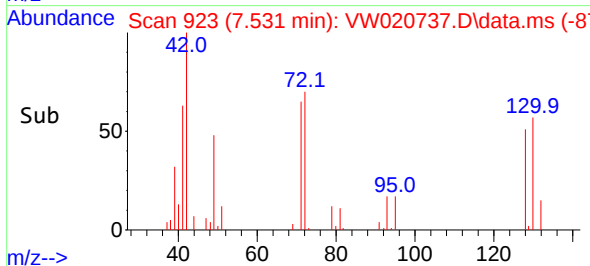
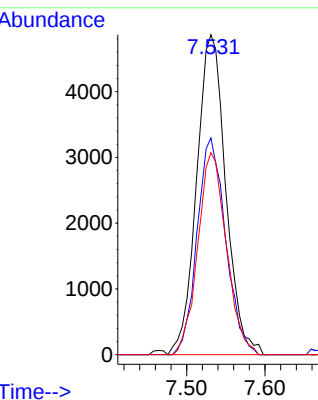
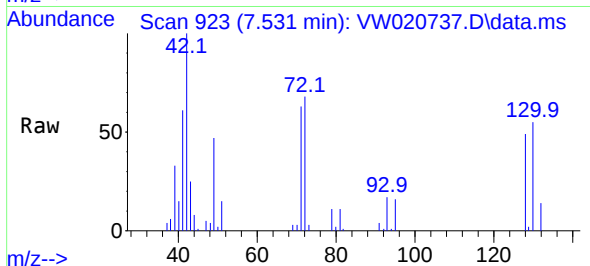
71 61.8 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#30

Chloroform

Concen: 51.743 ug/l

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW020737.D

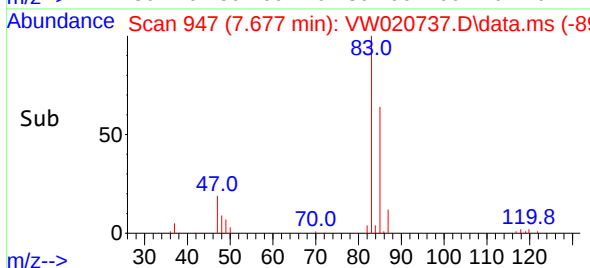
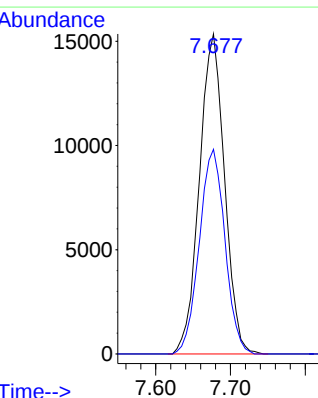
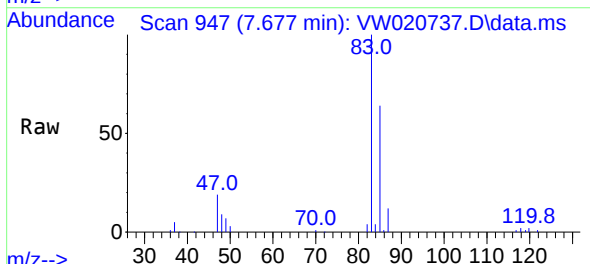
Acq: 01 Nov 2021 16:06

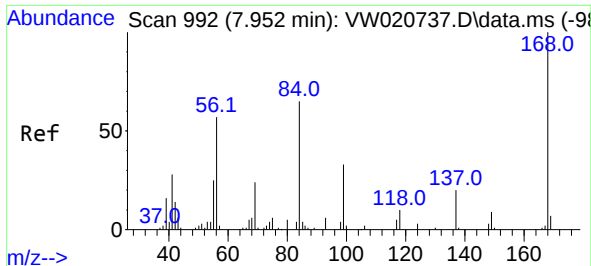
Tgt Ion: 83 Resp: 35945

Ion Ratio Lower Upper

83 100

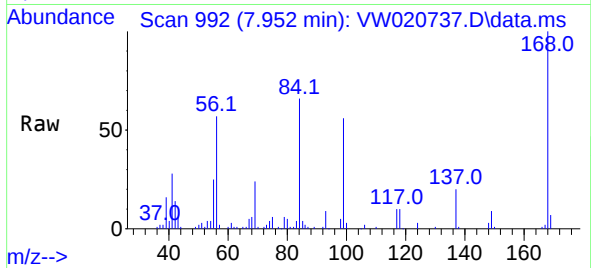
85 64.0 51.2 76.8





#31
Cyclohexane
Concen: 37.639 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

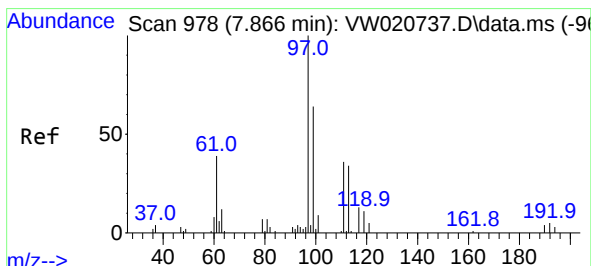
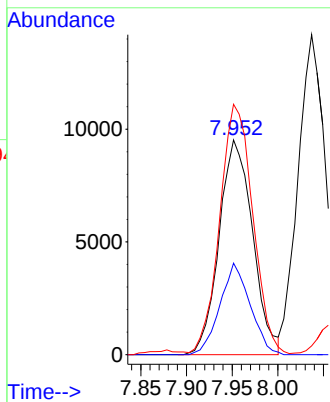
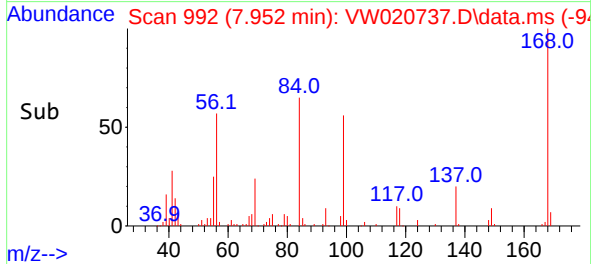
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



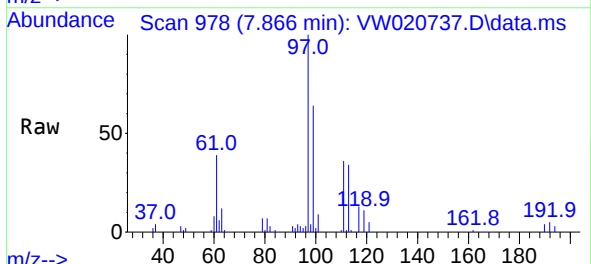
Tgt Ion: 56 Resp: 2432
Ion Ratio Lower Upper
56 100
69 42.7 34.2 51.2
84 115.4 92.3 138.5

Manual Integrations
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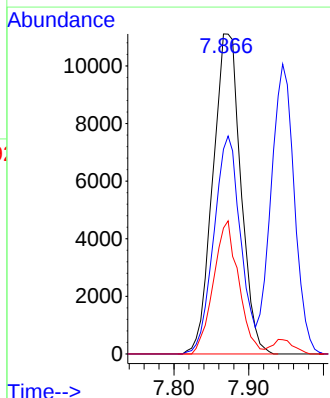
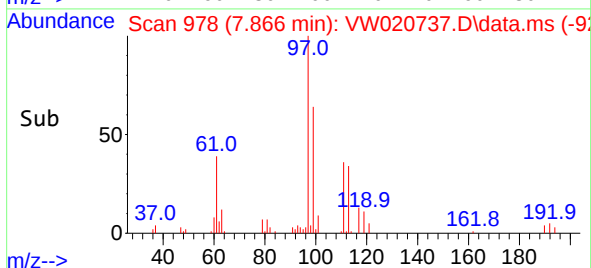
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

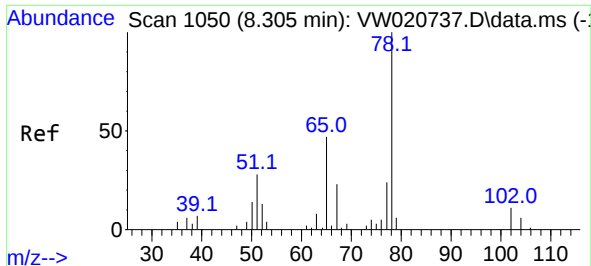


#32
1,1,1-Trichloroethane
Concen: 53.818 ug/l
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



Tgt Ion: 97 Resp: 28865
Ion Ratio Lower Upper
97 100
99 65.1 52.1 78.1
61 37.7 30.2 45.2





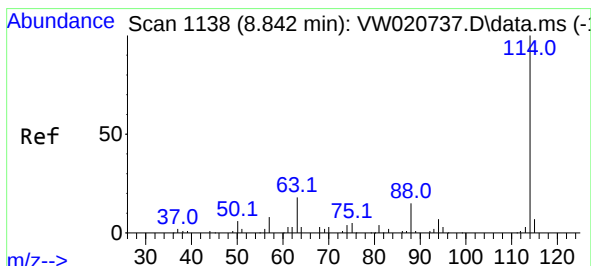
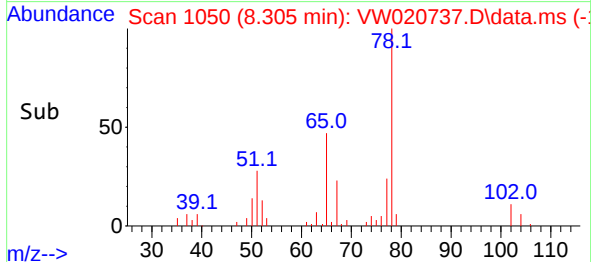
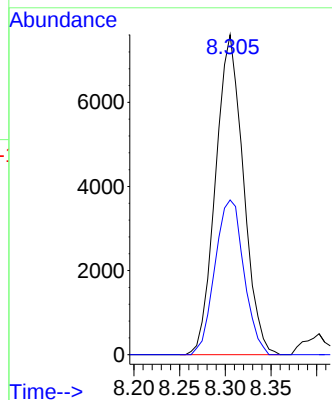
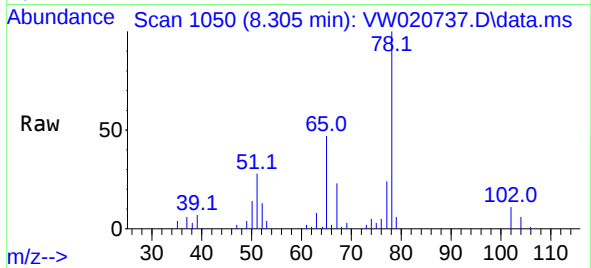
#33
1,2-Dichloroethane-d4
Concen: 40.645 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 1608
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

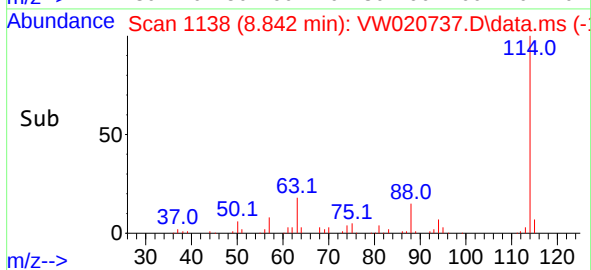
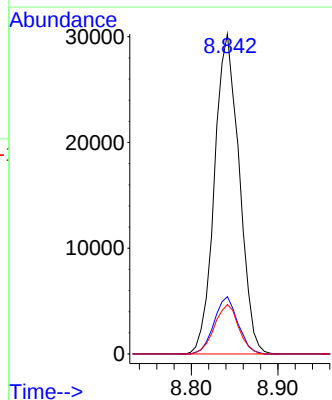
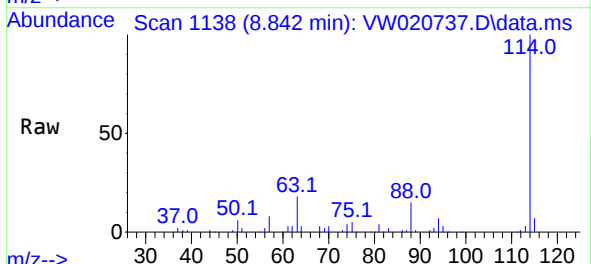
Manual Integrations
APPROVED

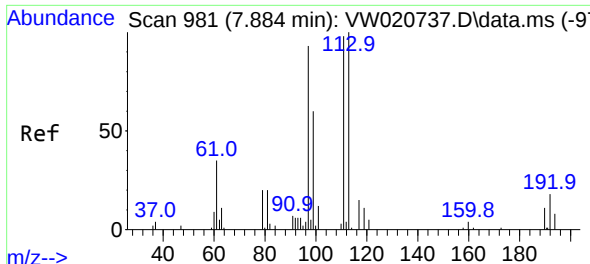
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

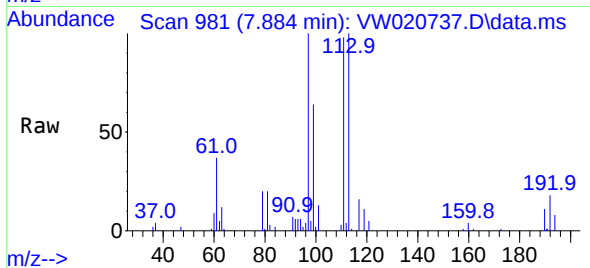
Tgt Ion:114 Resp: 59997
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.8
88 15.4 0.0 30.8





#35
Dibromofluoromethane
Concen: 49.659 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

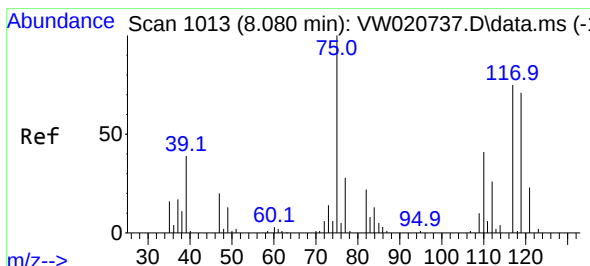
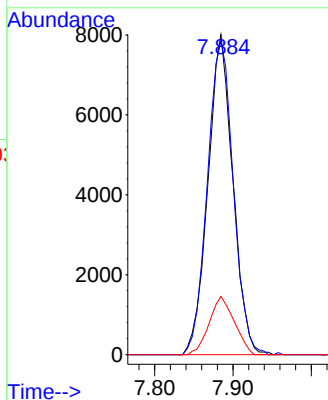
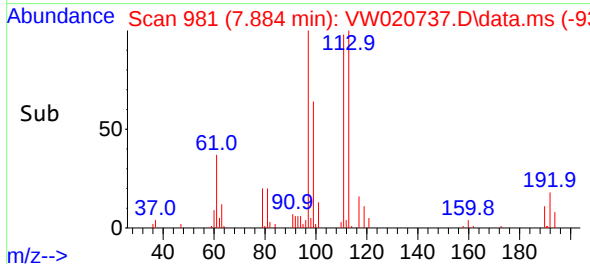
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



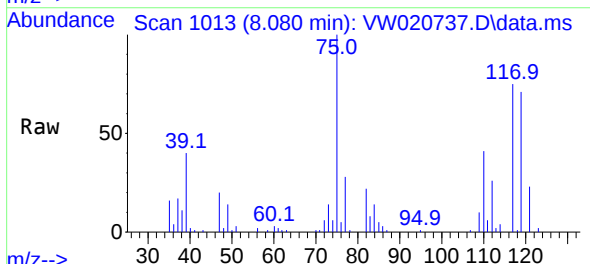
Tgt Ion: 113 Resp: 17654
Ion Ratio Lower Upper
113 100
111 102.1 81.7 122.5
192 18.4 14.7 22.1

Manual Integrations
APPROVED

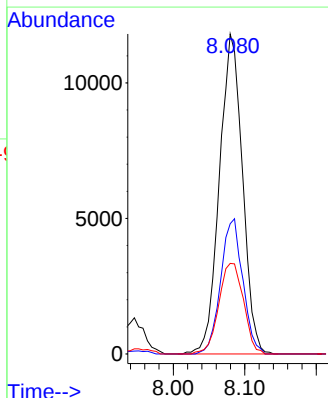
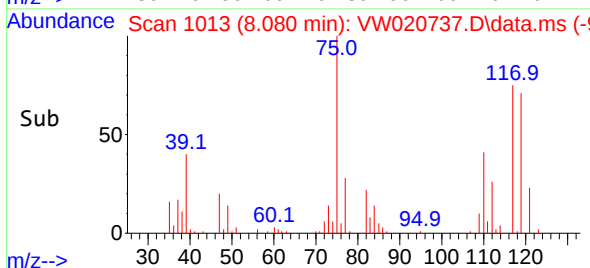
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

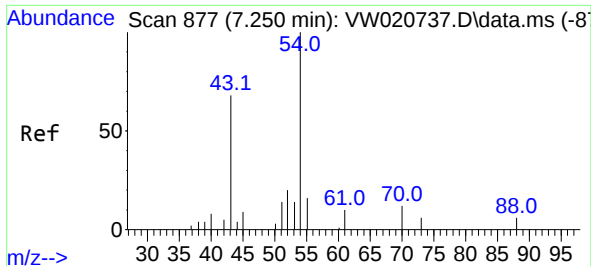


#36
1,1-Dichloropropene
Concen: 49.998 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



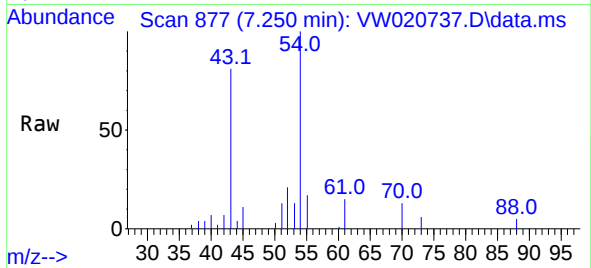
Tgt Ion: 75 Resp: 26415
Ion Ratio Lower Upper
75 100
110 40.5 20.3 60.8
77 30.3 24.2 36.4





#37
Ethyl Acetate
Concen: 41.606 ug/l
RT: 7.250 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

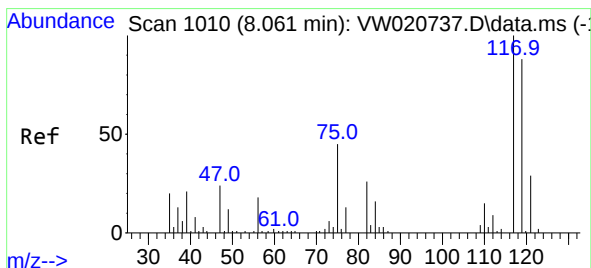
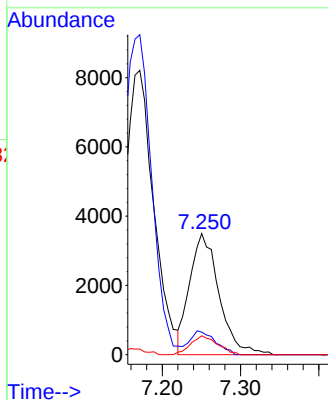
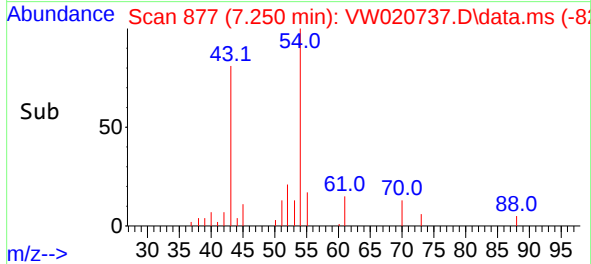
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
61 16.7 13.4 20.0
70 14.2 11.4 17.0

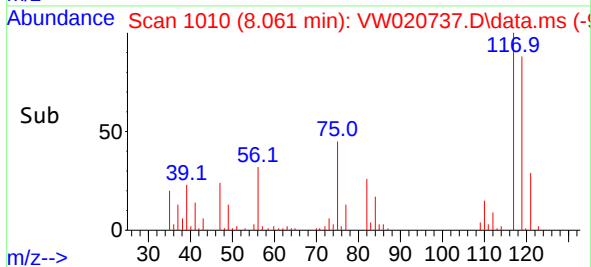
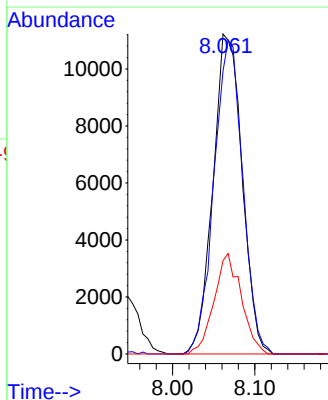
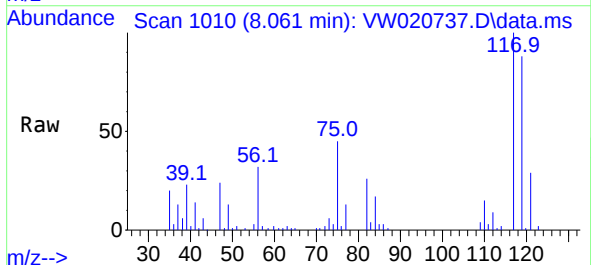
Manual Integrations
APPROVED

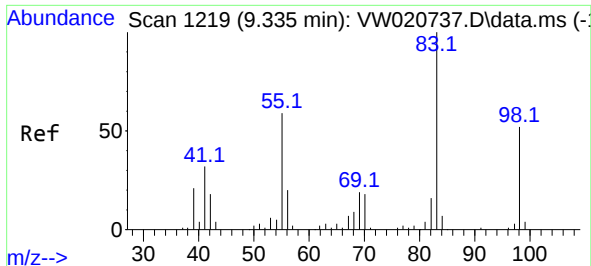
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#38
Carbon Tetrachloride
Concen: 55.410 ug/l
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion:117 Resp: 27602
Ion Ratio Lower Upper
117 100
119 88.3 70.6 106.0
121 29.1 23.3 34.9





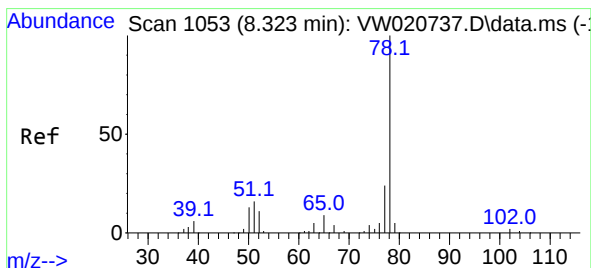
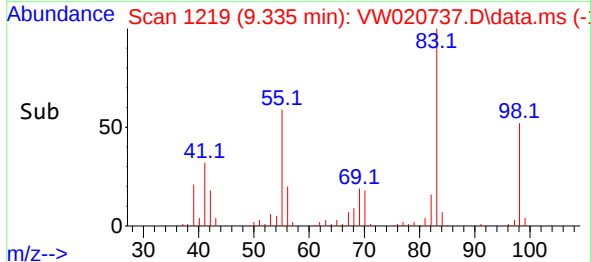
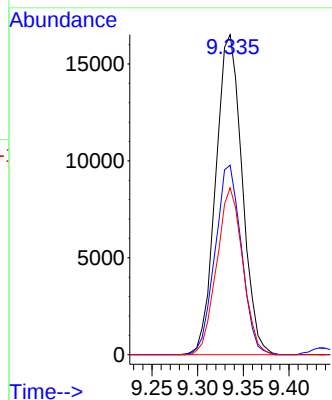
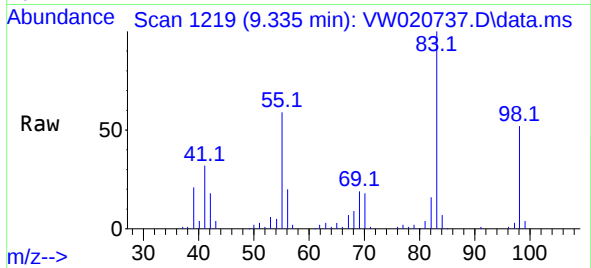
#39
Methylcyclohexane
Concen: 51.692 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 33164
Ion Ratio Lower Upper
83 100
55 59.2 47.4 71.0
98 52.2 41.8 62.6

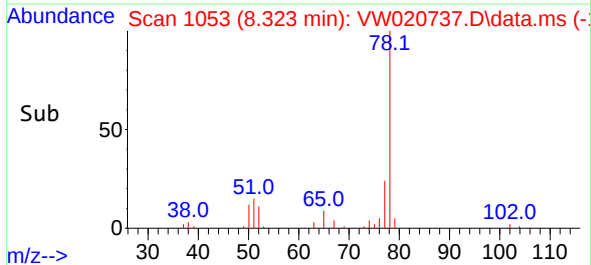
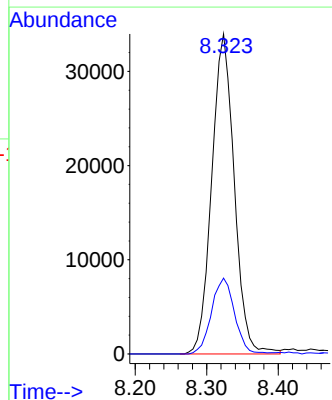
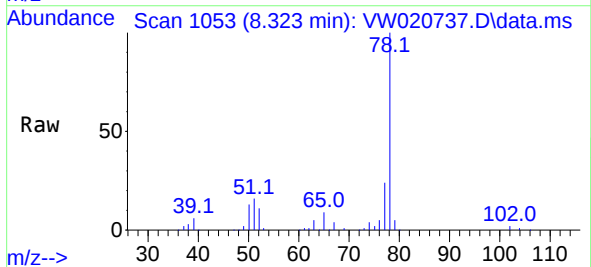
Manual Integrations
APPROVED

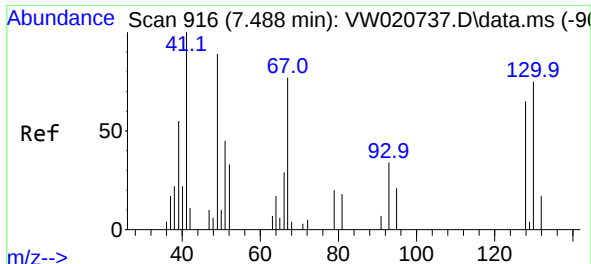
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#40
Benzene
Concen: 49.011 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

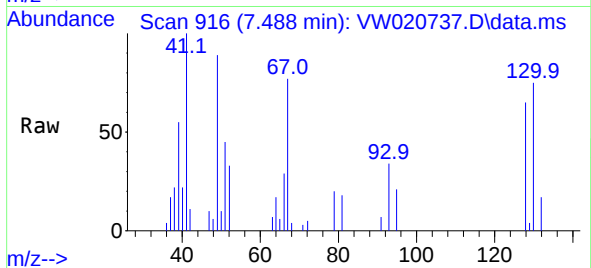
Tgt Ion: 78 Resp: 74382
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 36.627 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

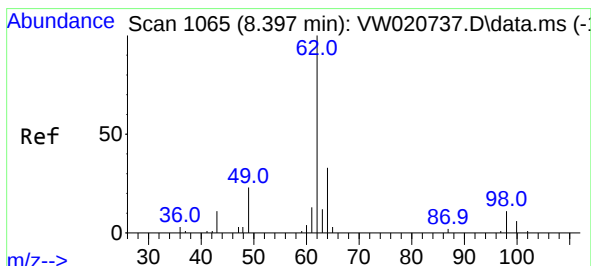
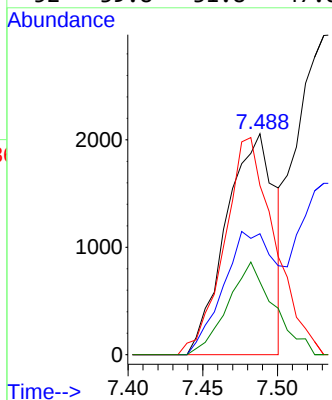
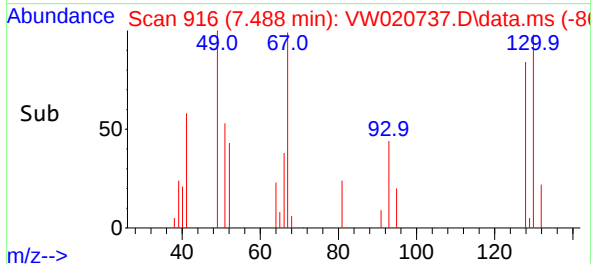
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 466
Ion Ratio Lower Upper
41 100
39 64.5 51.6 77.4
67 101.2 81.0 121.4
52 39.8 31.8 47.8

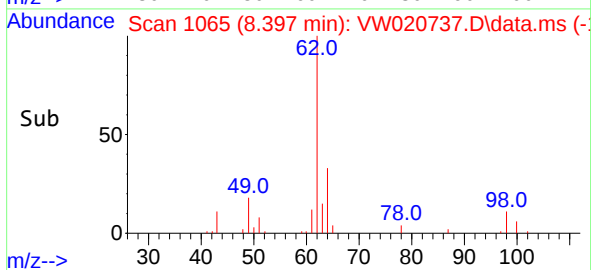
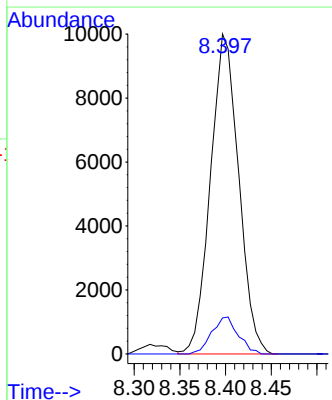
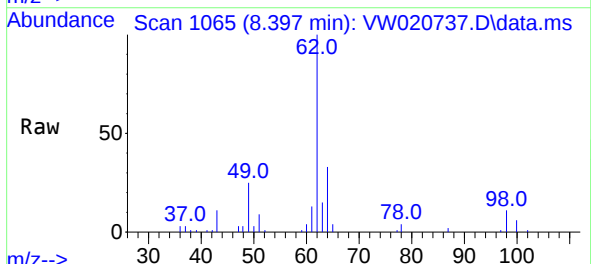
Manual Integrations
APPROVED

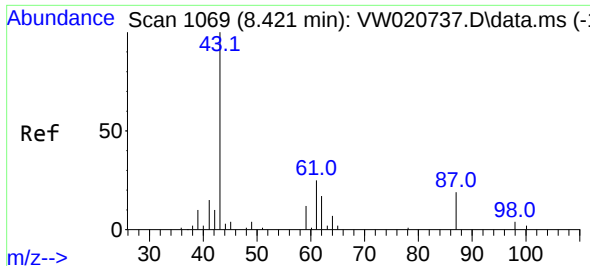
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#42
1,2-Dichloroethane
Concen: 46.520 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

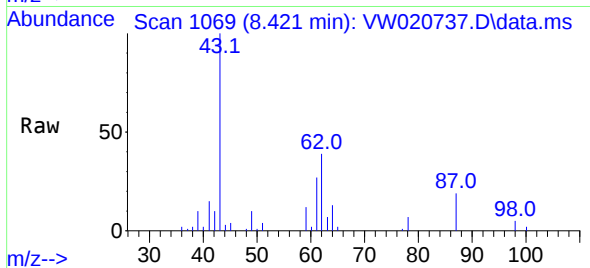
Tgt Ion: 62 Resp: 21495
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.6





#43
Isopropyl Acetate
Concen: 41.037 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

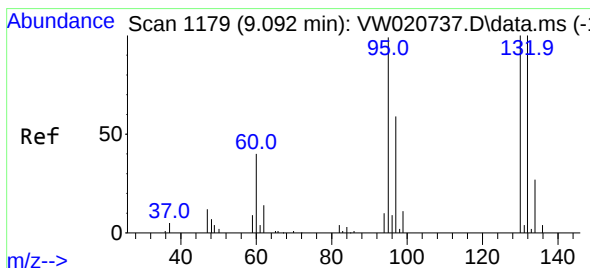
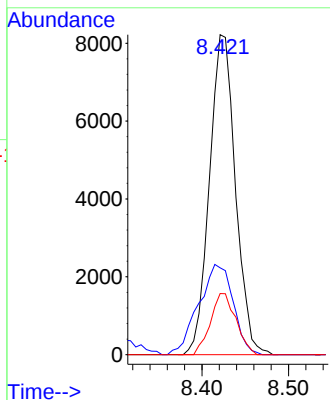
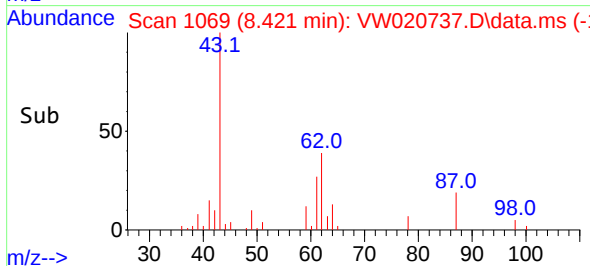
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 17135
Ion Ratio Lower Upper
43 100
61 37.5 30.0 45.0
87 18.7 15.0 22.4

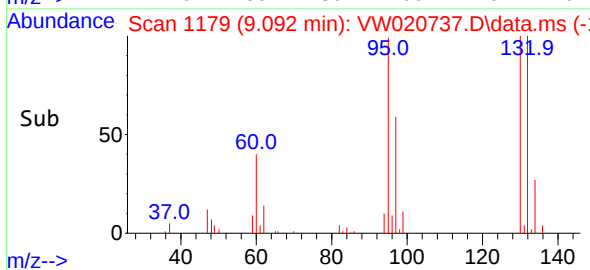
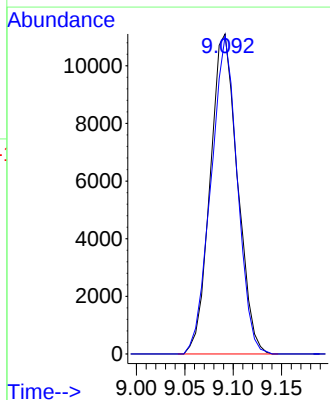
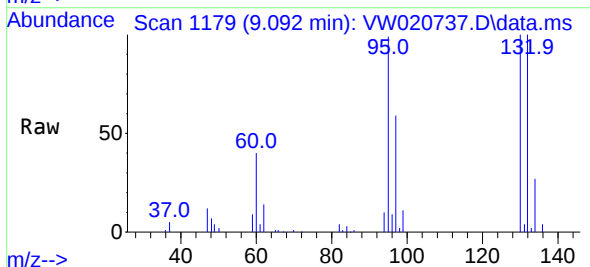
Manual Integrations
APPROVED

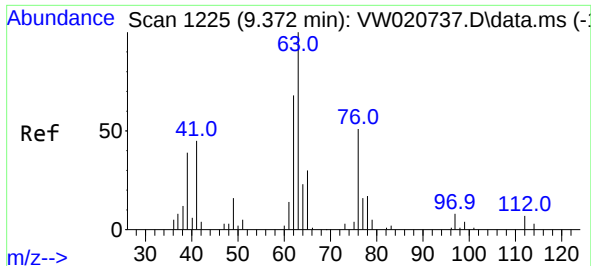
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#44
Trichloroethene
Concen: 53.747 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion:130 Resp: 21798
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 45.740 ug/l

RT: 9.372 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 1615

Ion Ratio Lower Upper

63 100

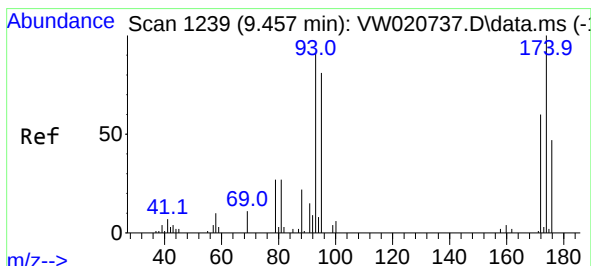
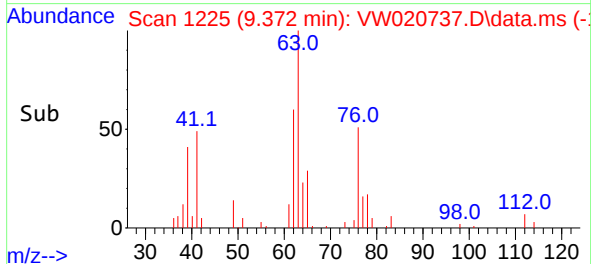
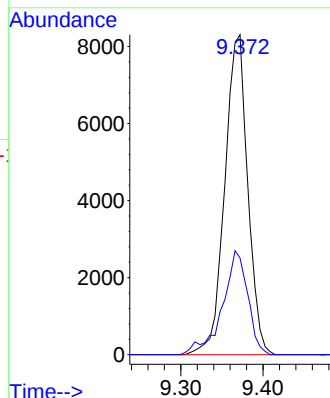
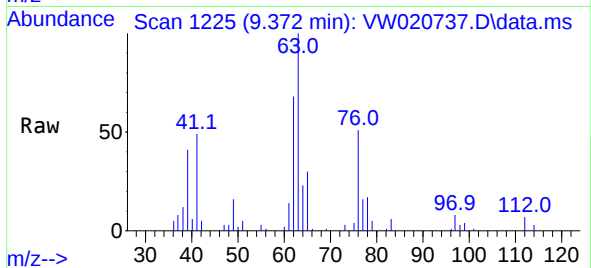
65 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#46

Dibromomethane

Concen: 57.524 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

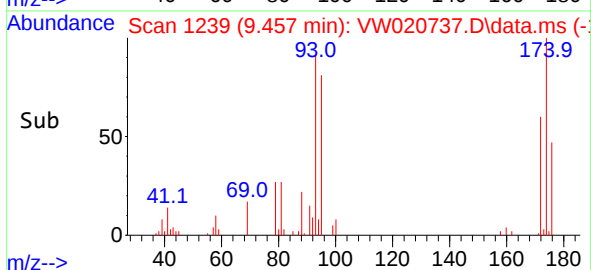
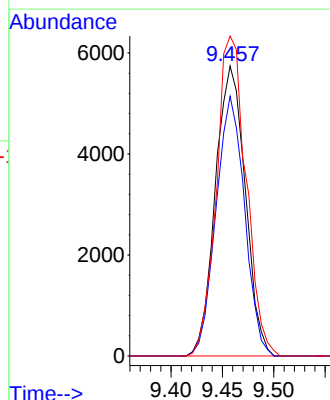
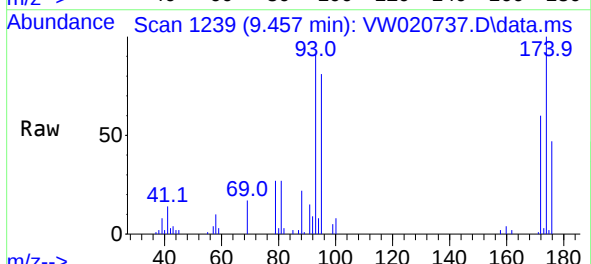
Tgt Ion: 93 Resp: 11582

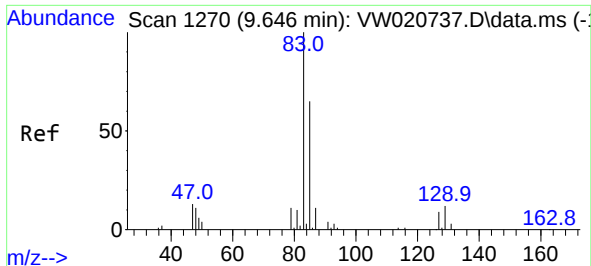
Ion Ratio Lower Upper

93 100

95 85.8 68.6 103.0

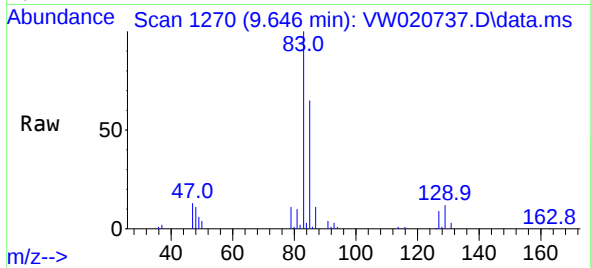
174 109.8 87.8 131.8





#47
Bromodichloromethane
Concen: 54.673 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

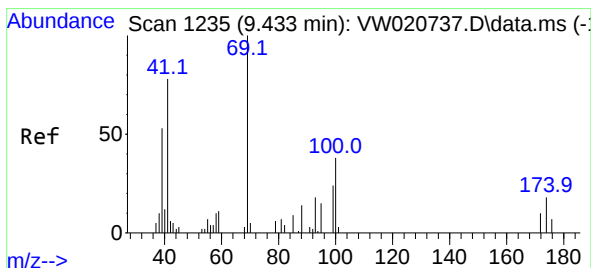
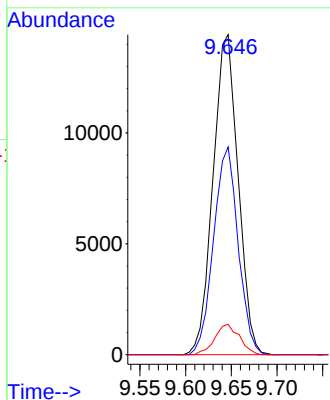
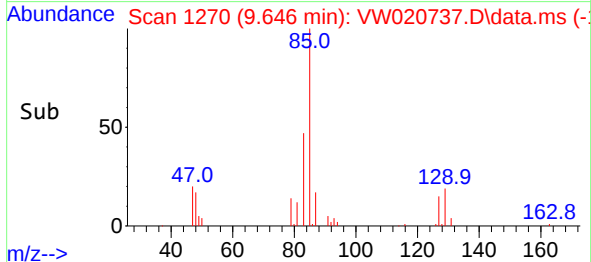
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



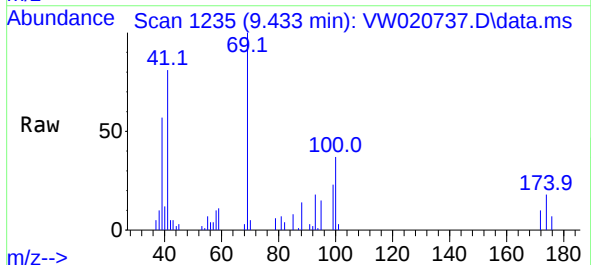
Tgt Ion: 83 Resp: 2754
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9
127 9.5 7.6 11.4

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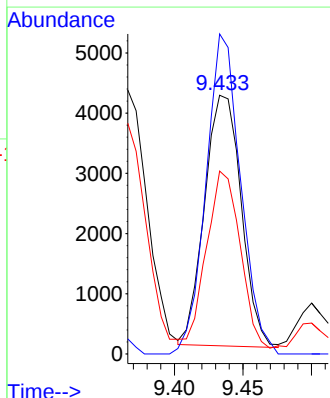
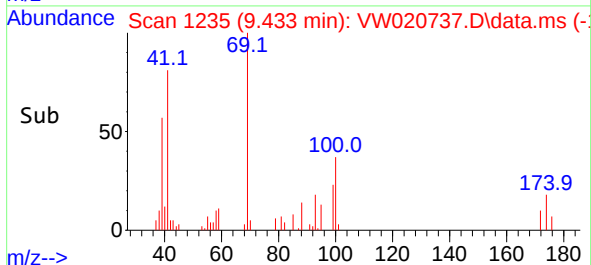
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

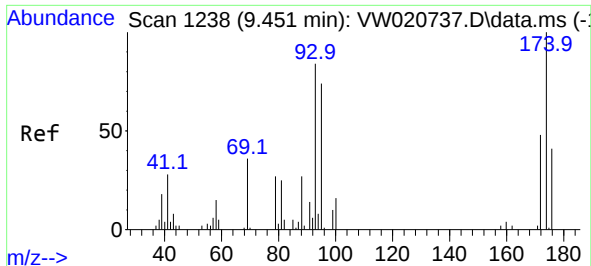


#48
Methyl methacrylate
Concen: 38.066 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



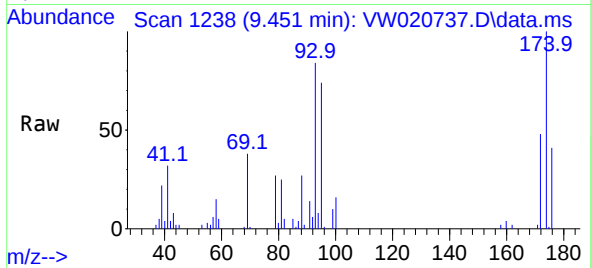
Tgt Ion: 41 Resp: 7749
Ion Ratio Lower Upper
41 100
69 120.5 96.4 144.6
39 64.9 51.9 77.9





#49
1,4-Dioxane
Concen: 1264.191 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

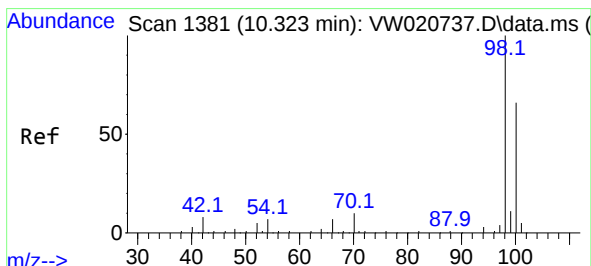
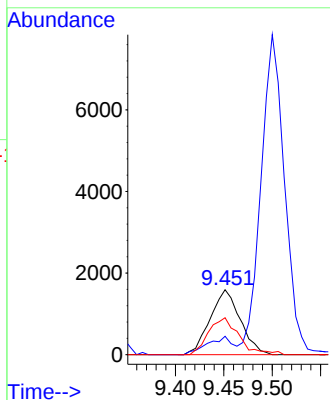
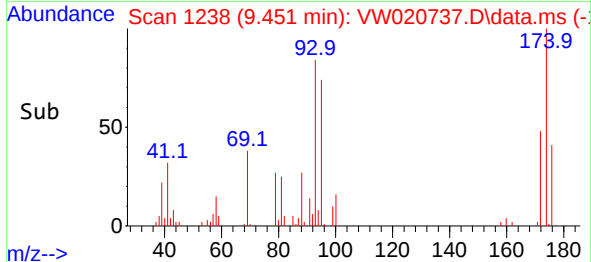
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 344
Ion Ratio Lower Upper
88 100
43 23.8 19.0 28.6
58 57.8 46.2 69.4

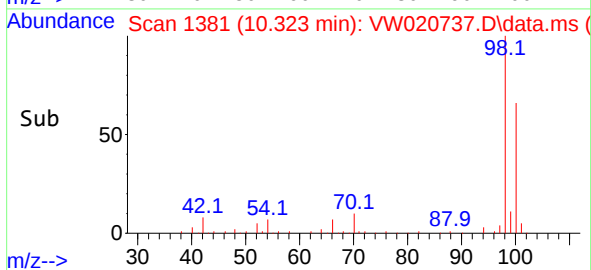
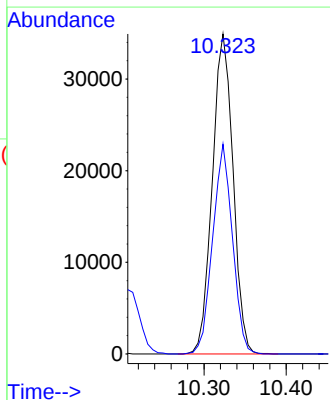
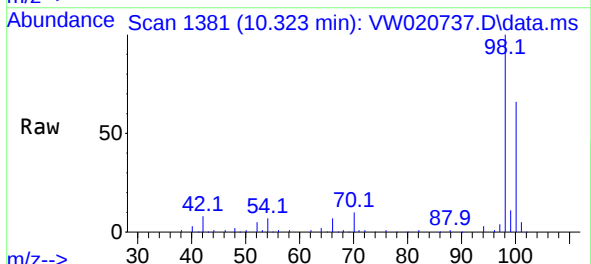
Manual Integrations
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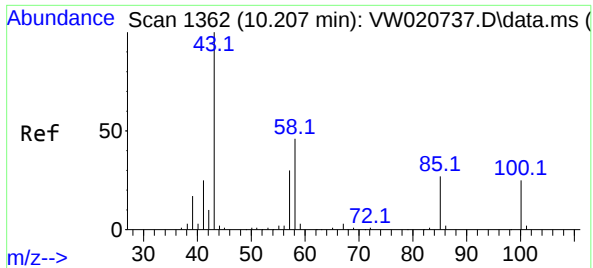
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#50
Toluene-d8
Concen: 46.400 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion: 98 Resp: 61085
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.4





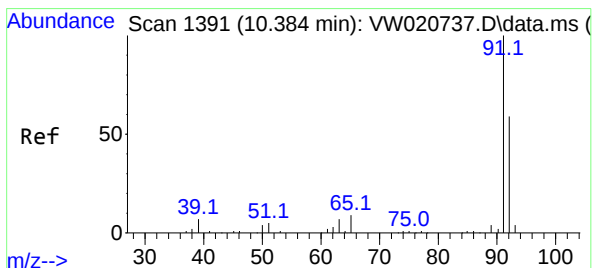
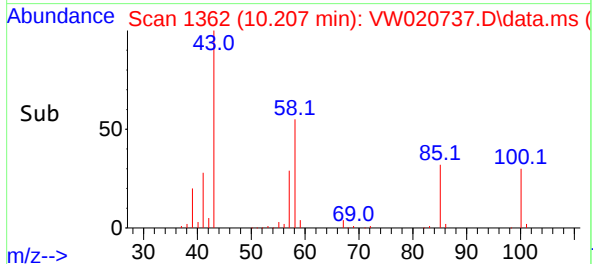
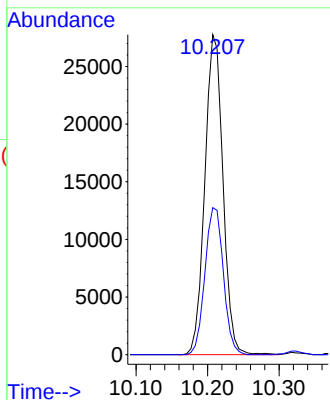
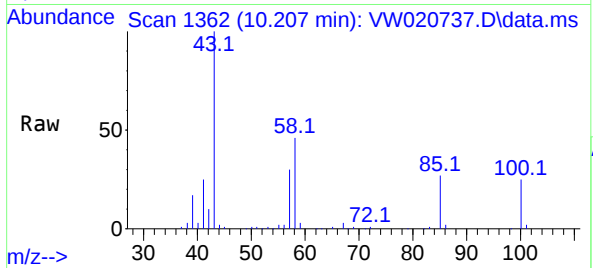
#51
4-Methyl-2-Pentanone
Concen: 221.245 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 48879
Ion Ratio Lower Upper
43 100
58 46.8 37.4 56.2

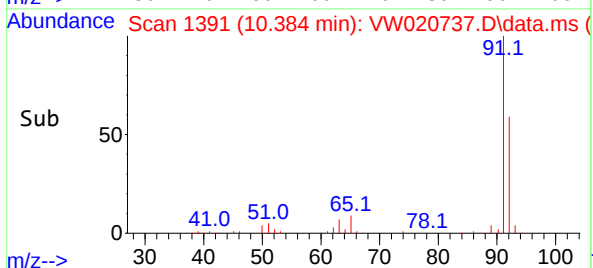
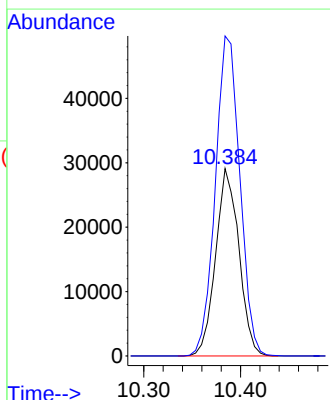
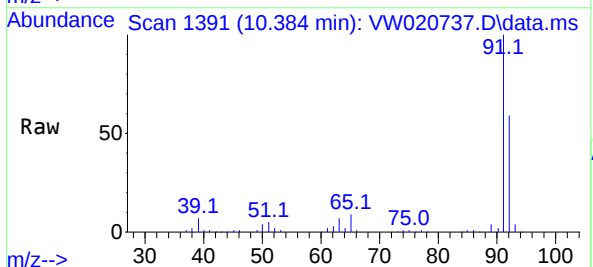
Manual Integrations
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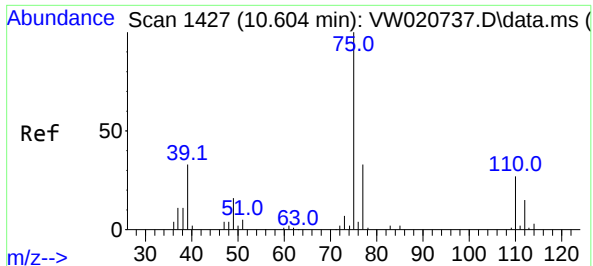
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#52
Toluene
Concen: 52.016 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion: 92 Resp: 48553
Ion Ratio Lower Upper
92 100
91 180.4 144.3 216.5





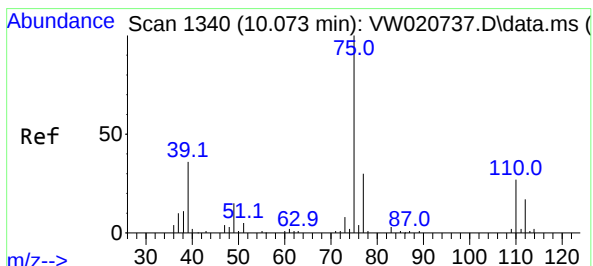
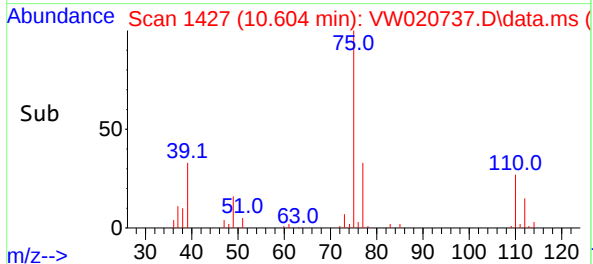
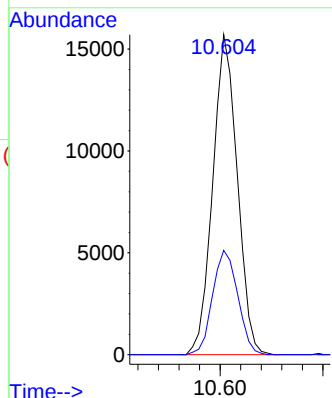
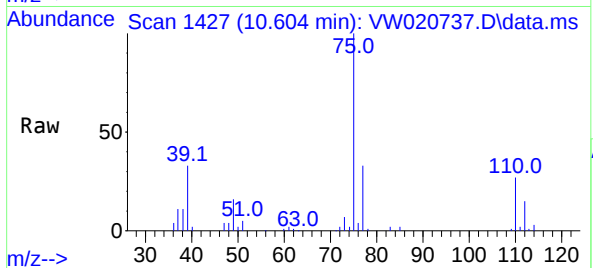
#53
t-1,3-Dichloropropene
Concen: 52.046 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 2599
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1

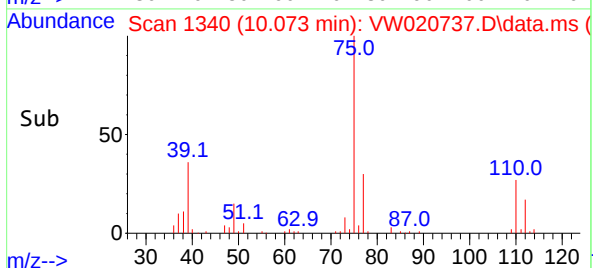
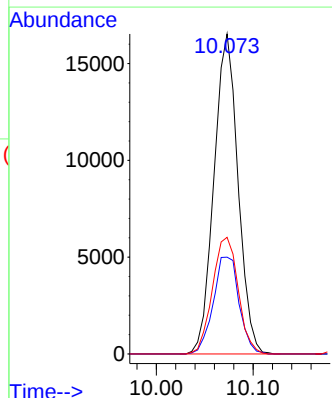
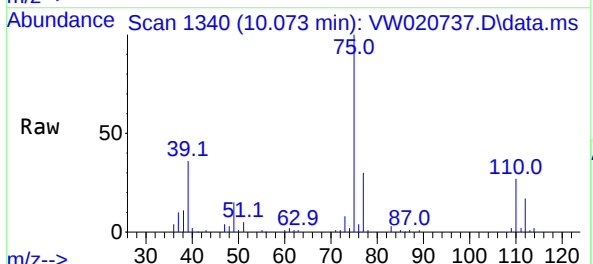
Manual Integrations
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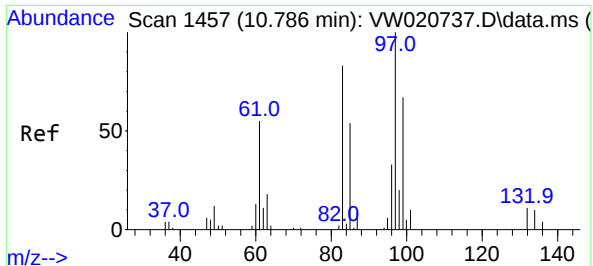
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#54
cis-1,3-Dichloropropene
Concen: 49.911 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion: 75 Resp: 28510
Ion Ratio Lower Upper
75 100
77 30.3 24.2 36.4
39 36.5 29.2 43.8





#55

1,1,2-Trichloroethane

Concen: 57.577 ug/l

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

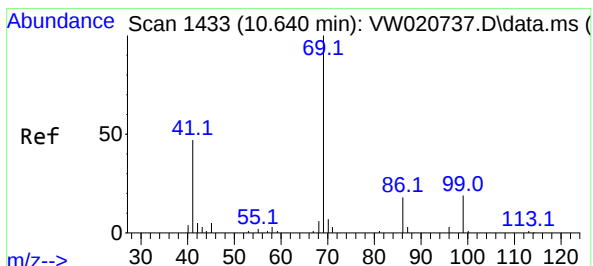
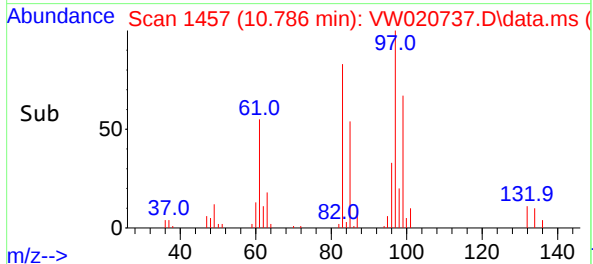
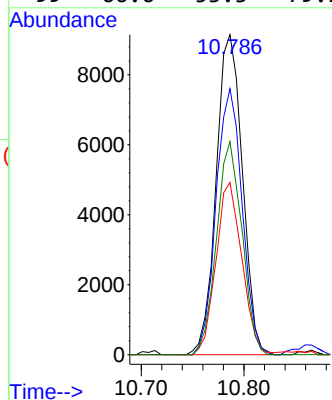
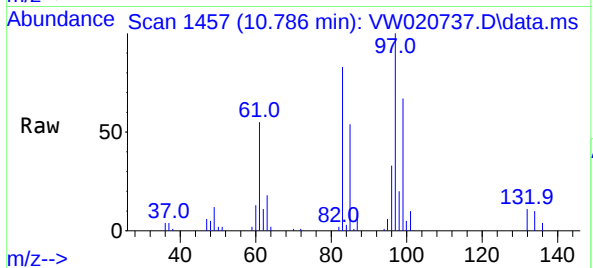
Tgt Ion: 97 Resp: 16190

Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.5	99.7
85	53.8	43.0	64.6
99	66.6	53.3	79.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#56

Ethyl methacrylate

Concen: 54.176 ug/l

RT: 10.640 min Scan# 1433

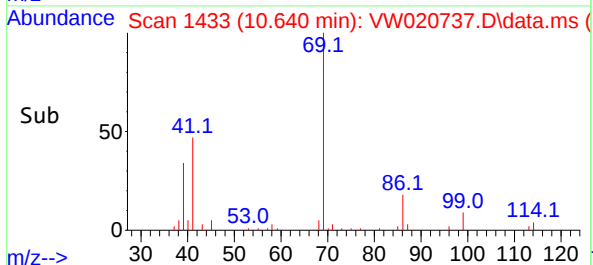
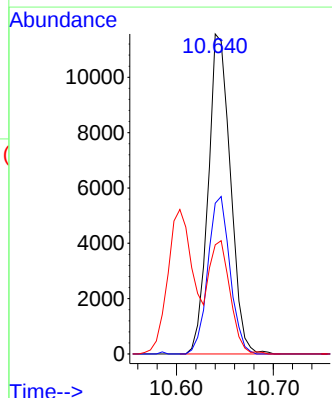
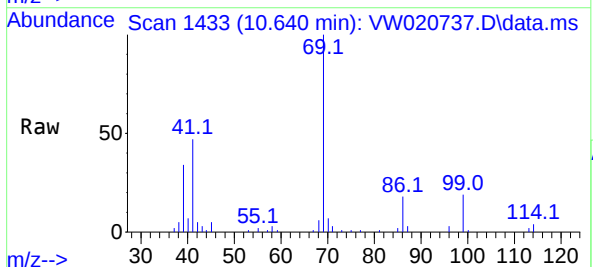
Delta R.T. 0.000 min

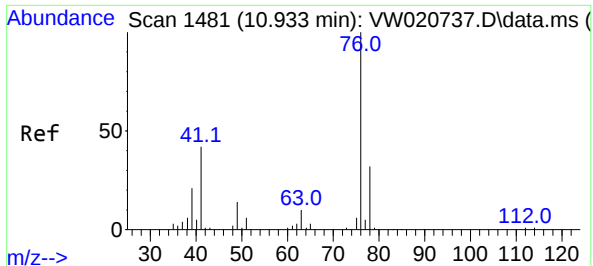
Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Tgt Ion: 69 Resp: 18477

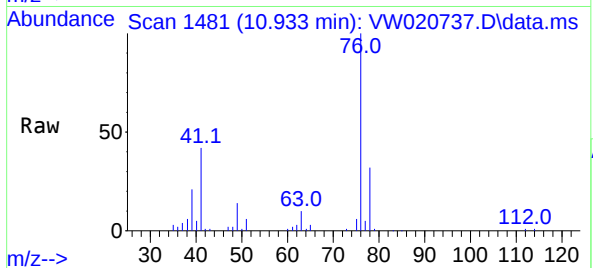
Ion	Ratio	Lower	Upper
69	100		
41	49.0	39.2	58.8
39	33.1	26.5	39.7





#57
1,3-Dichloropropane
Concen: 52.510 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

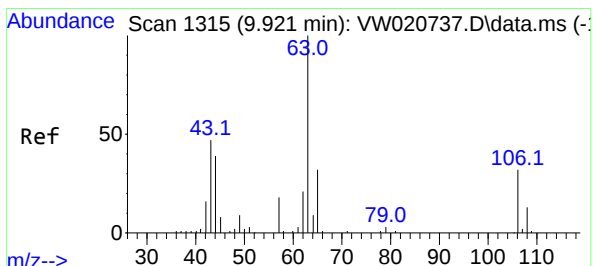
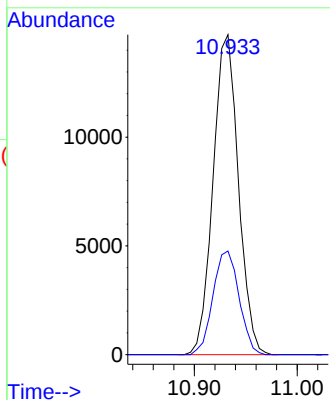
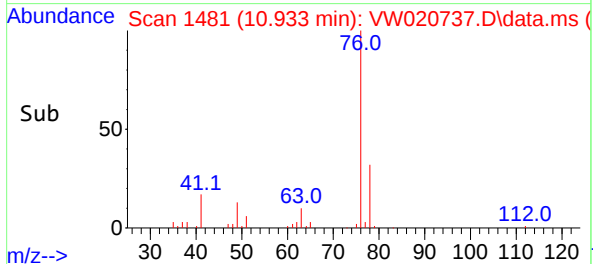
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



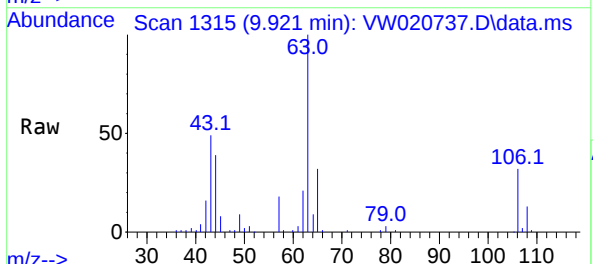
Tgt Ion: 76 Resp: 25164
Ion Ratio Lower Upper
76 100
78 33.4 26.7 40.1

Manual Integrations
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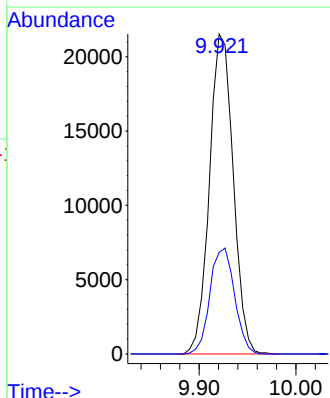
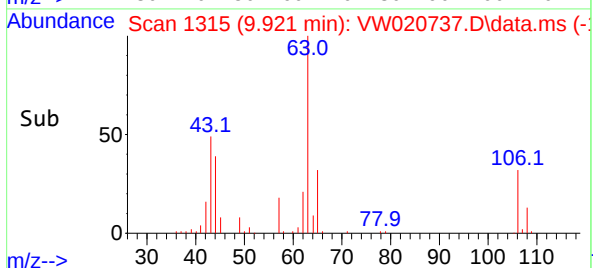
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

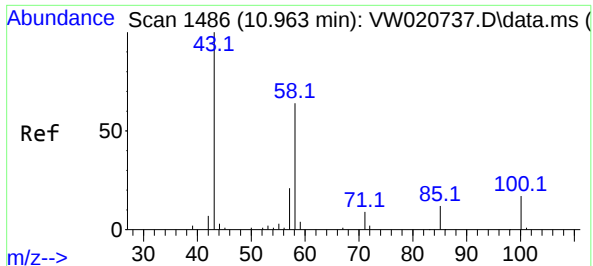


#58
2-Chloroethyl Vinyl ether
Concen: 229.114 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



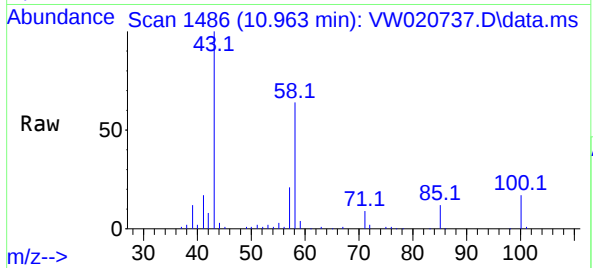
Tgt Ion: 63 Resp: 36792
Ion Ratio Lower Upper
63 100
106 34.2 27.4 41.0





#59
2-Hexanone
Concen: 224.196 ug/l
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

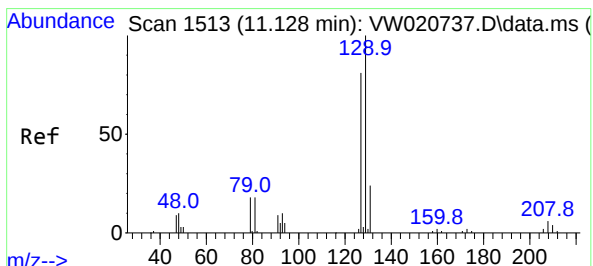
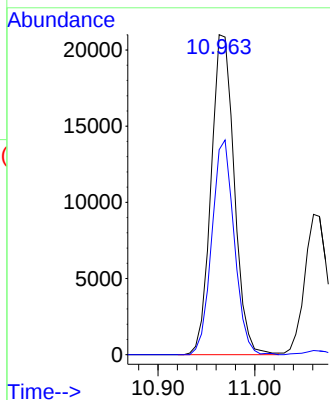
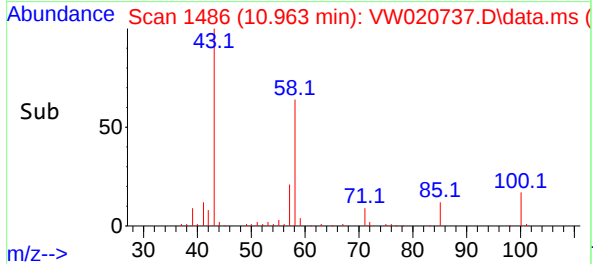
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



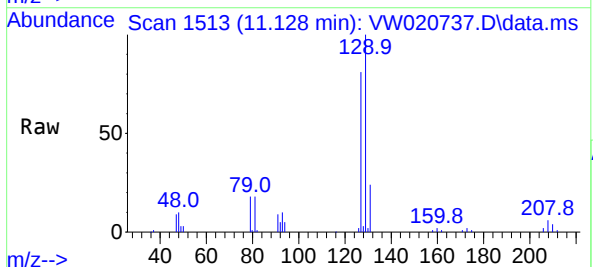
Tgt Ion: 43 Resp: 34928
Ion Ratio Lower Upper
43 100
58 64.9 32.5 97.4

Manual Integrations
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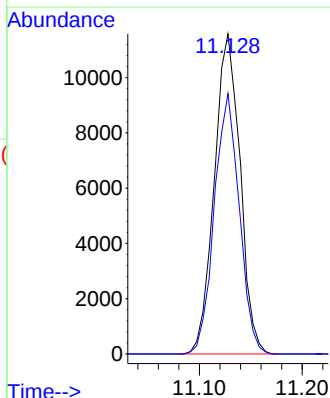
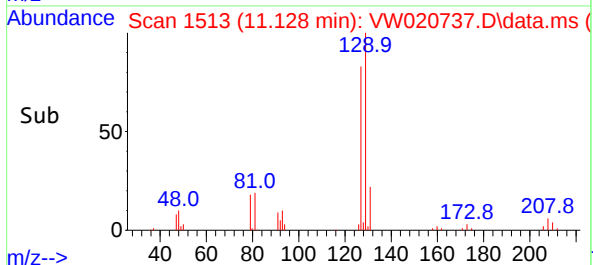
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

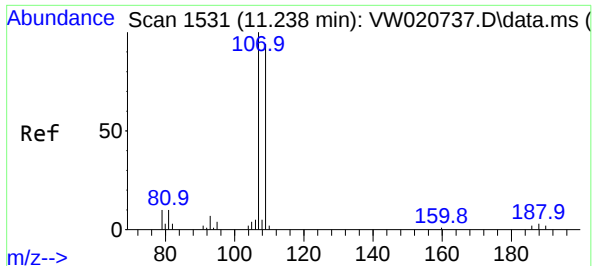


#60
Dibromochloromethane
Concen: 59.665 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



Tgt Ion:129 Resp: 20150
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1





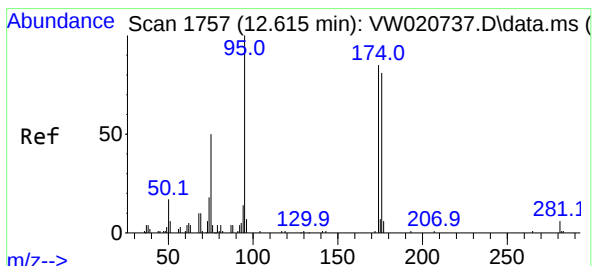
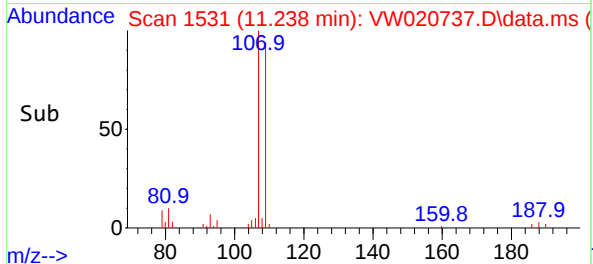
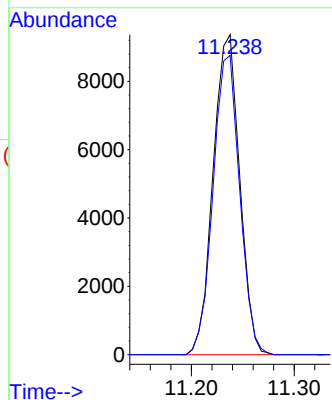
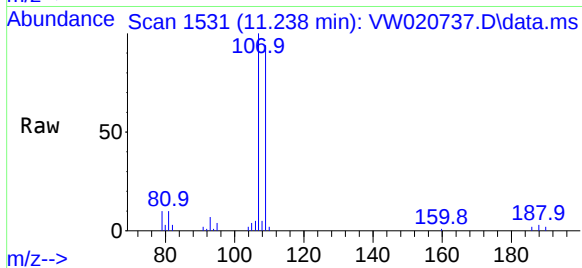
#61
1,2-Dibromoethane
Concen: 61.582 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 16792
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

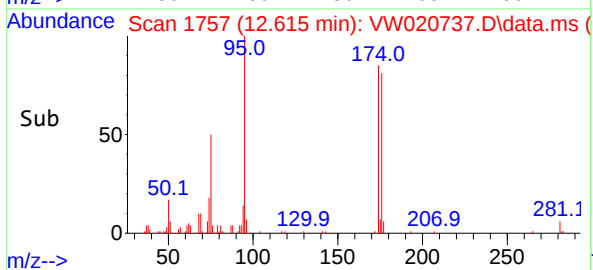
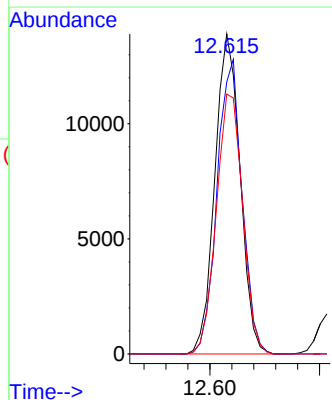
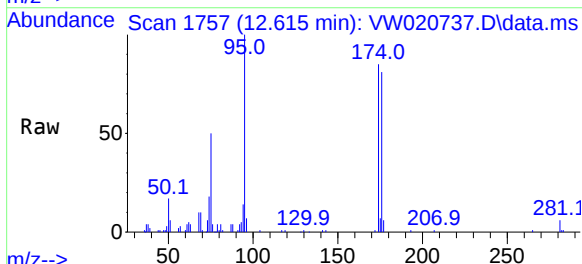
Manual Integrations
APPROVED

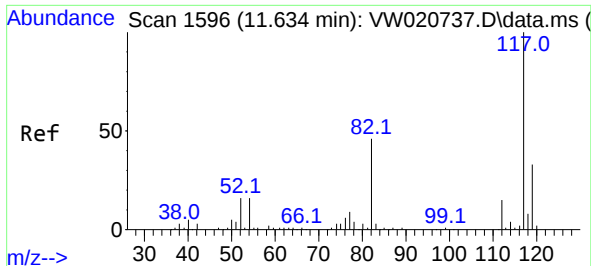
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#62
4-Bromofluorobenzene
Concen: 44.921 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion: 95 Resp: 22167
Ion Ratio Lower Upper
95 100
174 91.4 0.0 182.8
176 85.2 0.0 170.4





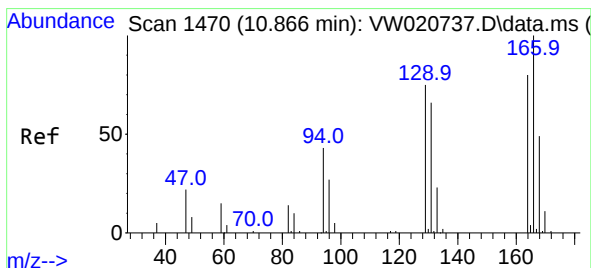
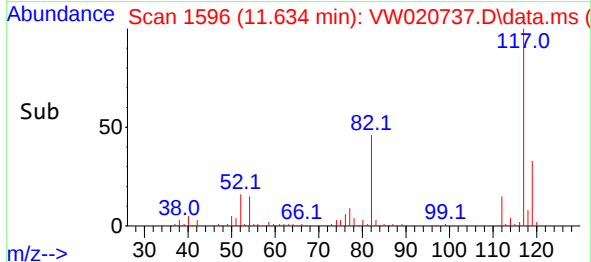
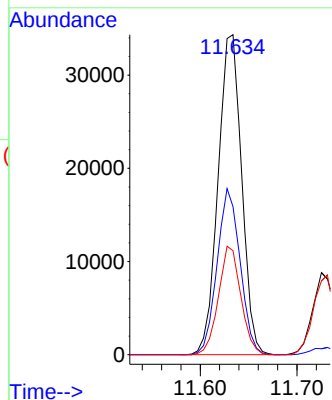
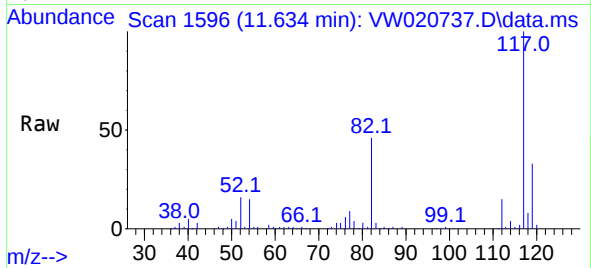
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 5806
Ion Ratio Lower Upper
117 100
82 46.2 37.0 55.4
119 32.5 26.0 39.0

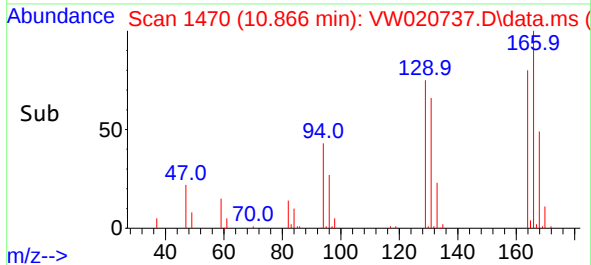
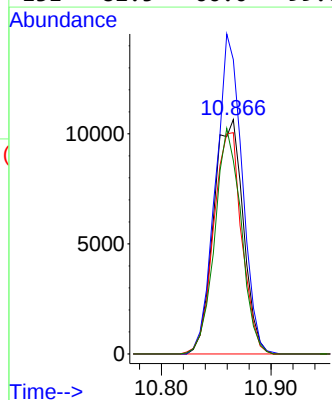
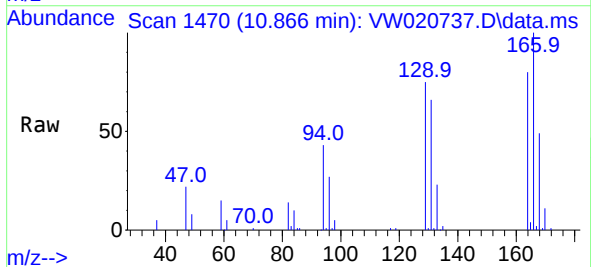
Manual Integrations
APPROVED

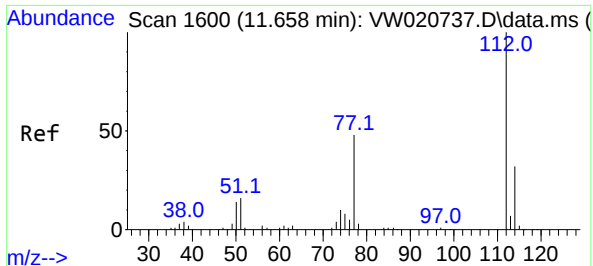
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#64
Tetrachloroethene
Concen: 53.961 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion:164 Resp: 19950
Ion Ratio Lower Upper
164 100
166 125.6 100.5 150.7
129 94.4 75.5 113.3
131 82.5 66.0 99.0





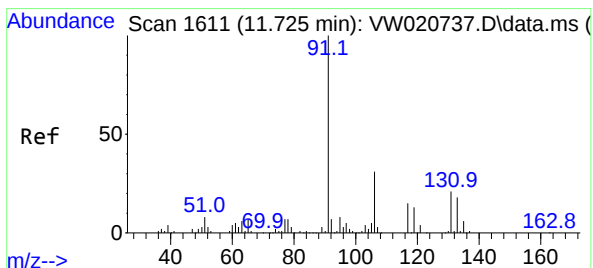
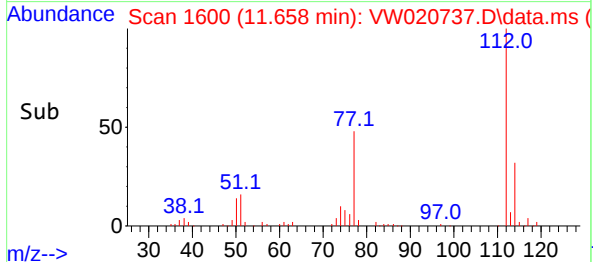
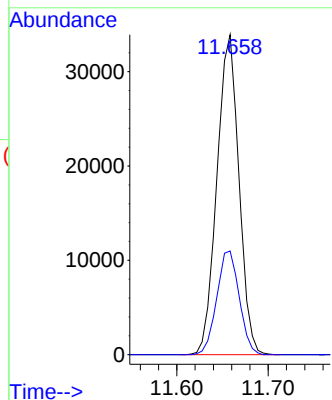
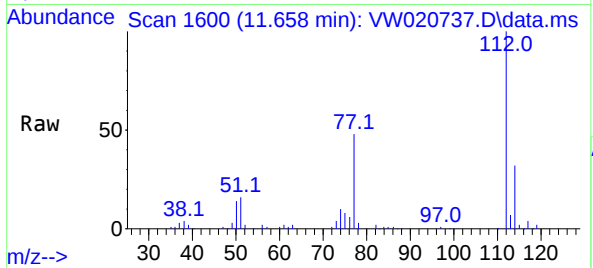
#65
Chlorobenzene
Concen: 53.662 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 56780
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

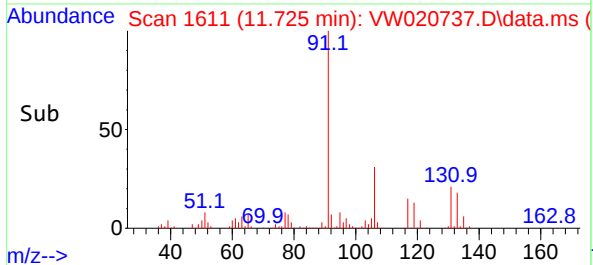
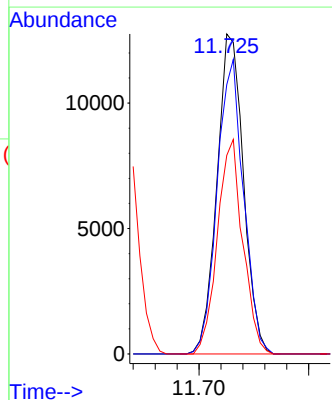
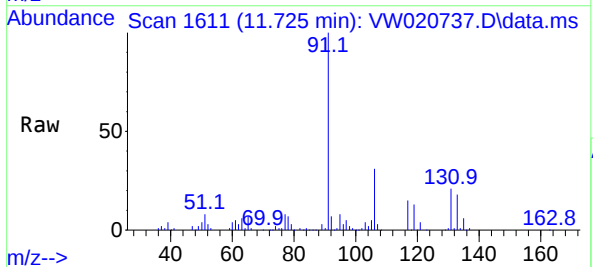
Manual Integrations
APPROVED

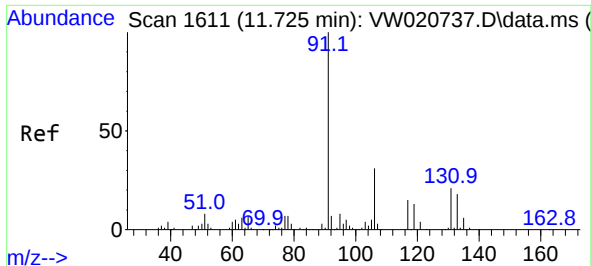
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 55.277 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Tgt Ion:131 Resp: 21435
Ion Ratio Lower Upper
131 100
133 91.7 45.9 137.6
119 64.2 32.1 96.3





#67

Ethyl Benzene

Concen: 51.549 ug/l

RT: 11.725 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 9718

Ion Ratio Lower Upper

91 100

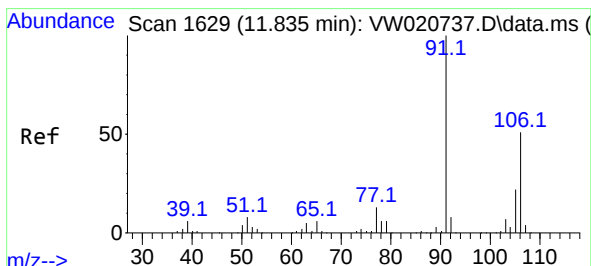
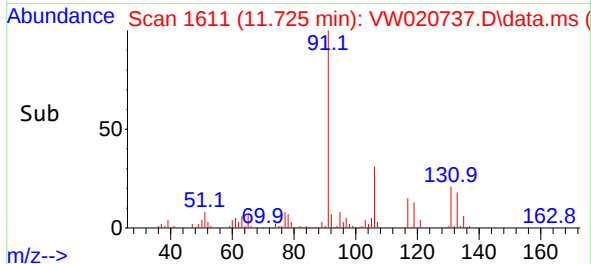
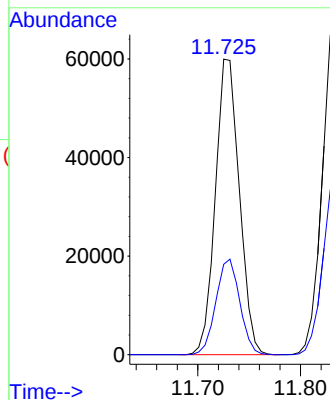
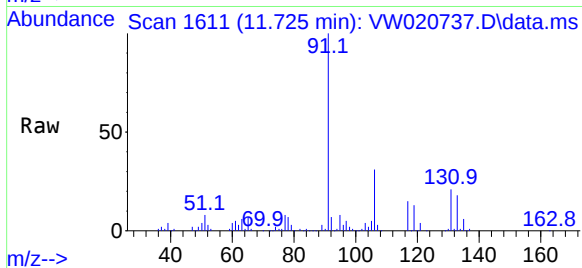
106 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#68

m/p-Xylenes

Concen: 105.685 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW020737.D

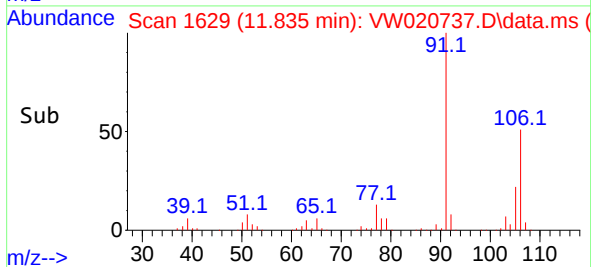
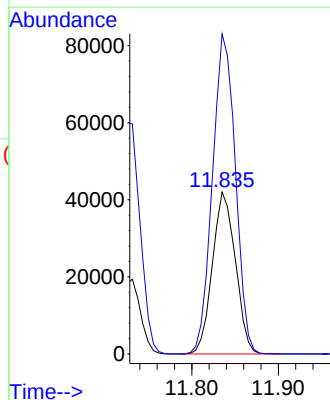
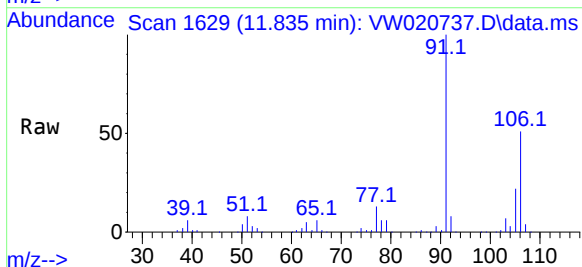
Acq: 01 Nov 2021 16:06

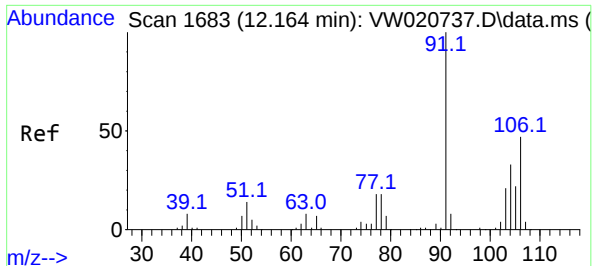
Tgt Ion:106 Resp: 77565

Ion Ratio Lower Upper

106 100

91 197.3 157.8 236.8





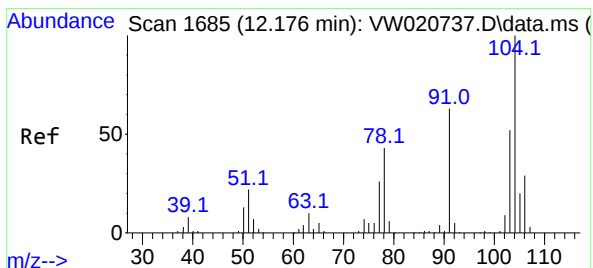
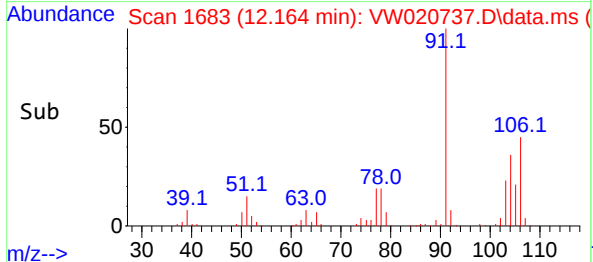
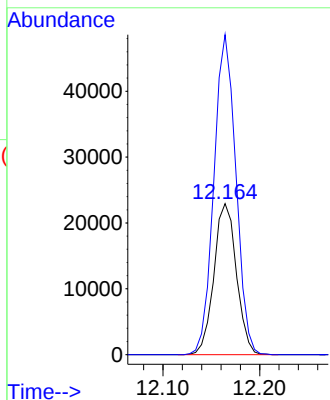
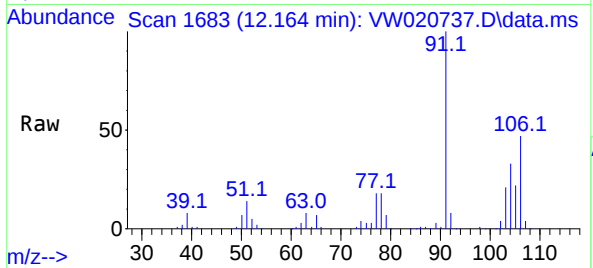
#69
o-Xylene
Concen: 54.519 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 37029
Ion Ratio Lower Upper
106 100
91 207.2 103.6 310.8

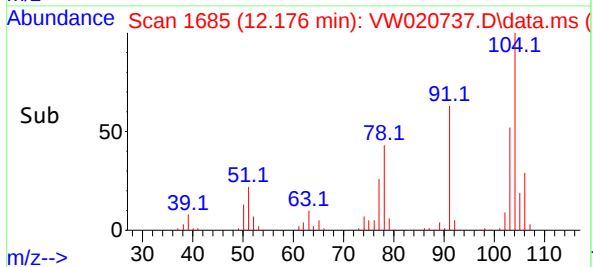
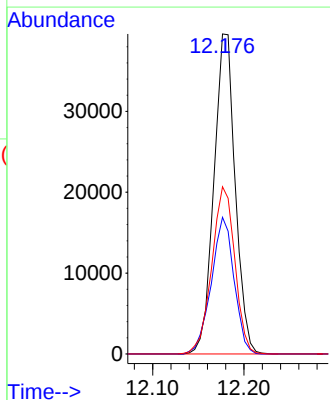
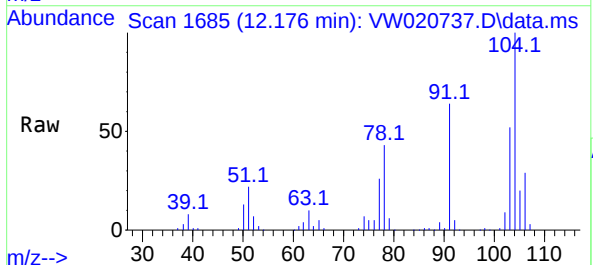
Manual Integrations
APPROVED

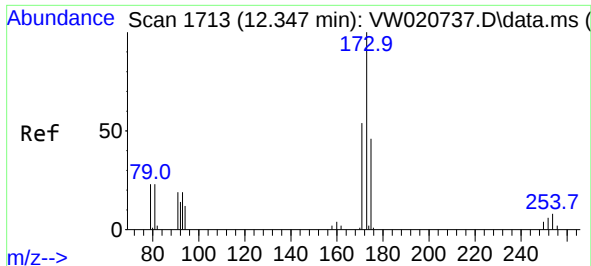
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#70
Styrene
Concen: 55.129 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

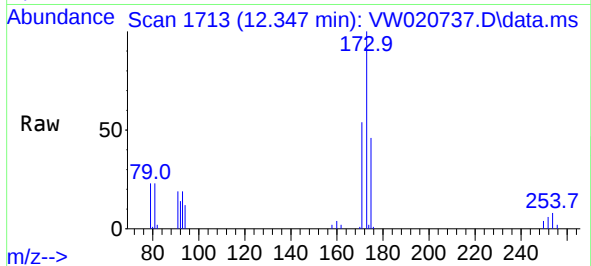
Tgt Ion:104 Resp: 64216
Ion Ratio Lower Upper
104 100
78 45.5 36.4 54.6
103 56.3 45.0 67.6





#71
Bromoform
Concen: 59.589 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

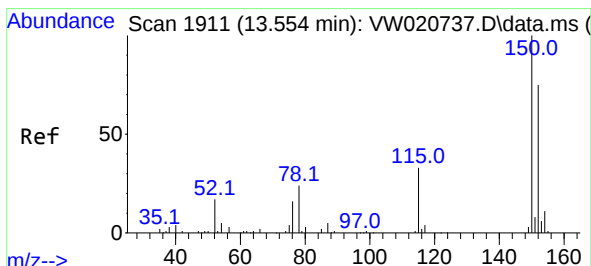
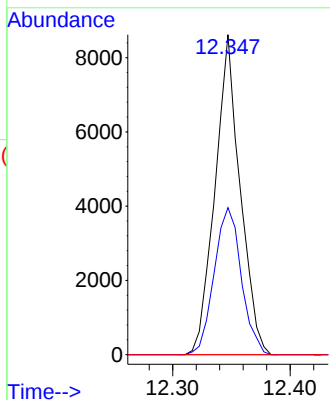
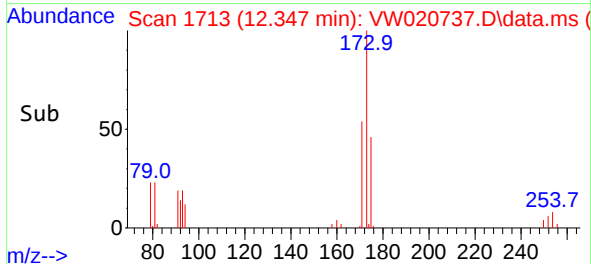
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



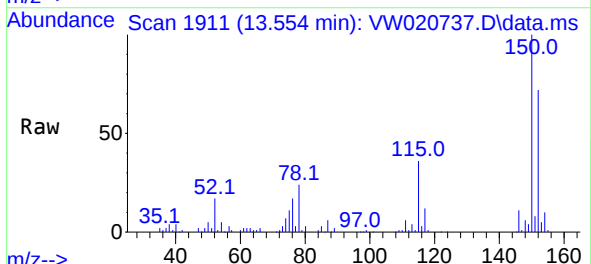
Tgt Ion:173 Resp: 12808
Ion Ratio Lower Upper
173 100
175 49.6 24.8 74.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

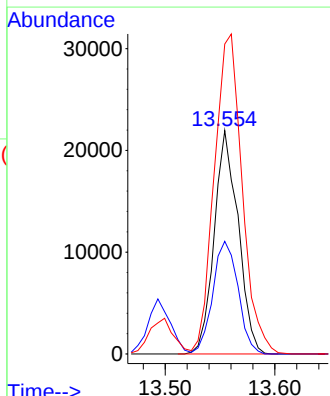
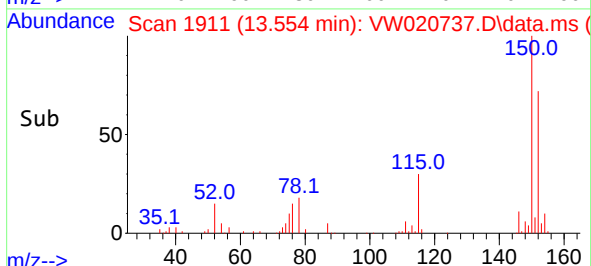
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

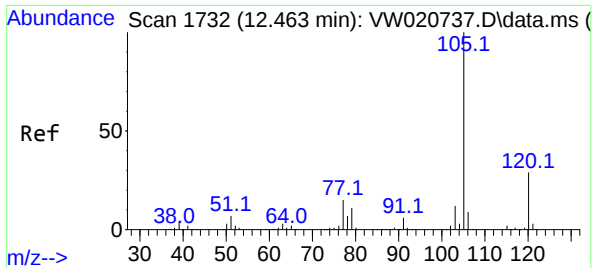


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



Tgt Ion:152 Resp: 33337
Ion Ratio Lower Upper
152 100
115 53.2 26.6 79.8
150 166.5 0.0 333.0





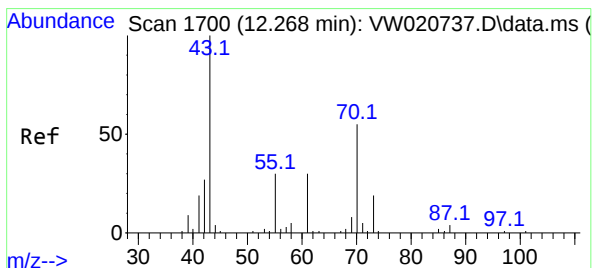
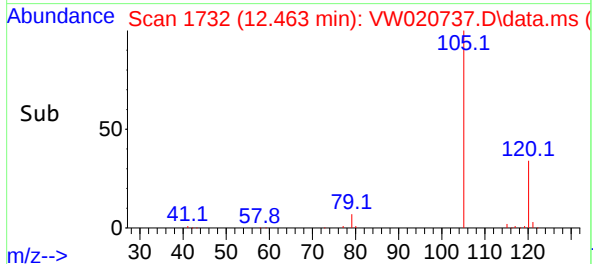
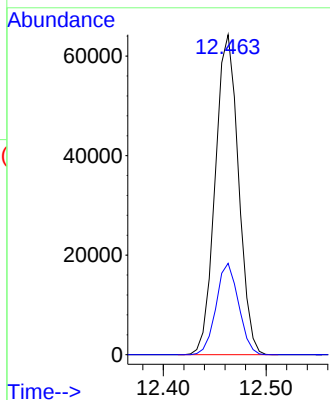
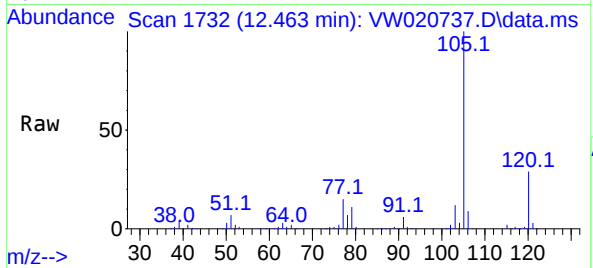
#73
Isopropylbenzene
Concen: 50.591 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 10096
Ion Ratio Lower Upper
105 100
120 27.6 13.8 41.4

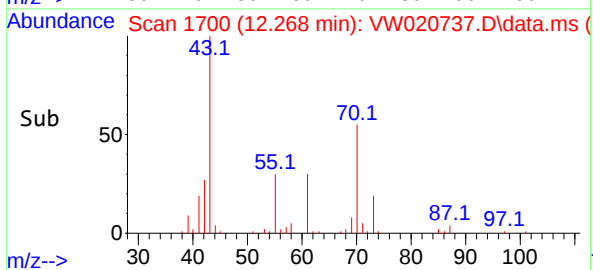
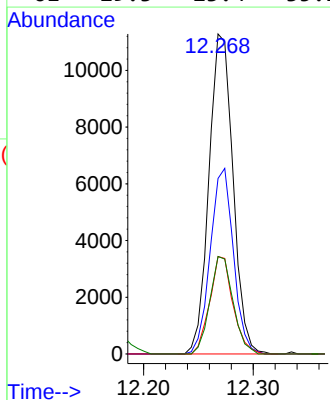
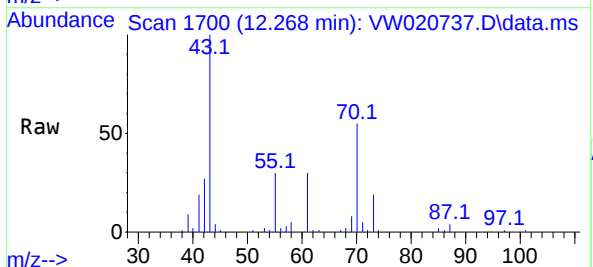
Manual Integrations
APPROVED

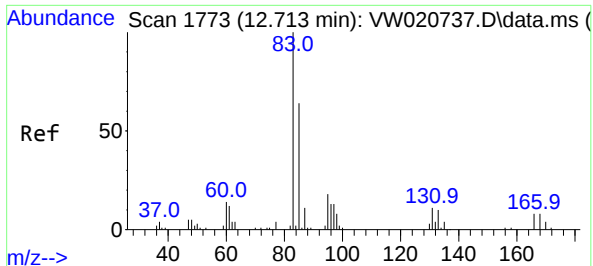
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#74
N-ethyl acetate
Concen: 39.376 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

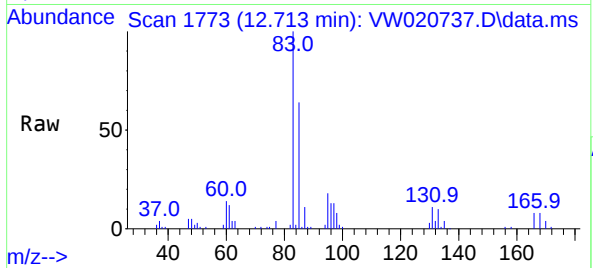
Tgt Ion: 43 Resp: 17203
Ion Ratio Lower Upper
43 100
70 55.9 44.7 67.1
55 29.4 23.5 35.3
61 29.3 23.4 35.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.787 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

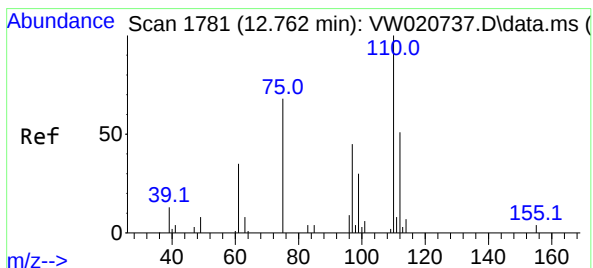
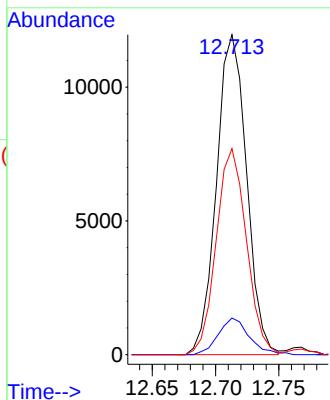
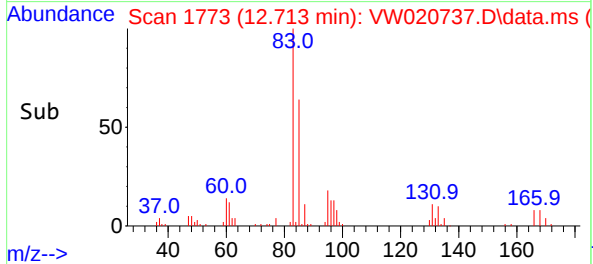
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 19780
Ion Ratio Lower Upper
83 100
131 11.8 5.9 17.7
85 64.6 32.3 96.9

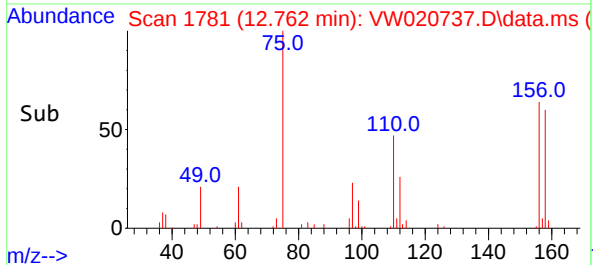
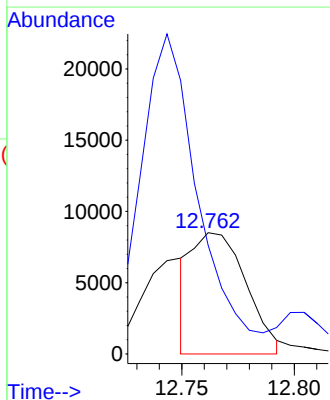
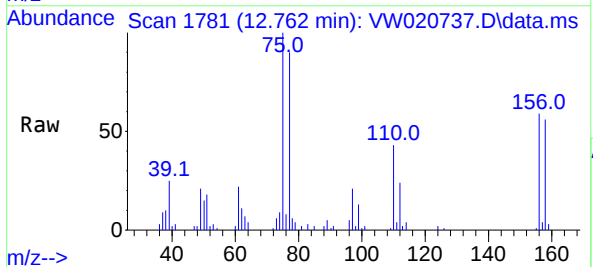
Manual Integrations
APPROVED

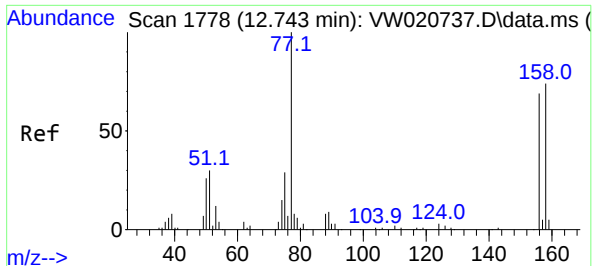
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#76
1,2,3-Trichloropropane
Concen: 49.884 ug/l m
RT: 12.762 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

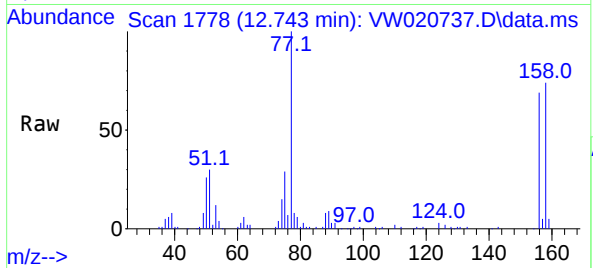
Tgt Ion: 75 Resp: 14184
Ion Ratio Lower Upper
75 100
77 286.7 143.3 430.0





#77
Bromobenzene
Concen: 52.909 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

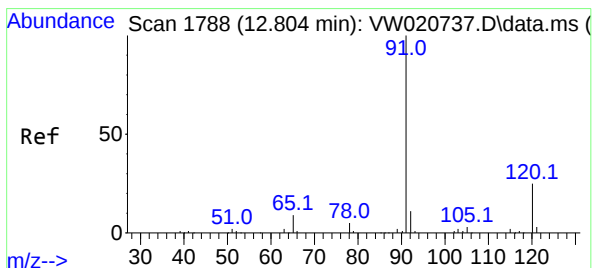
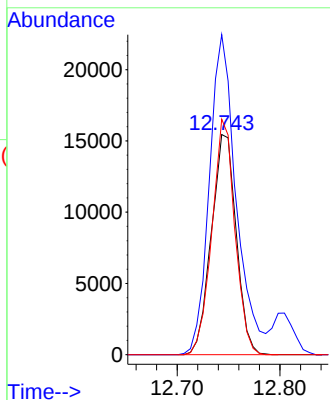
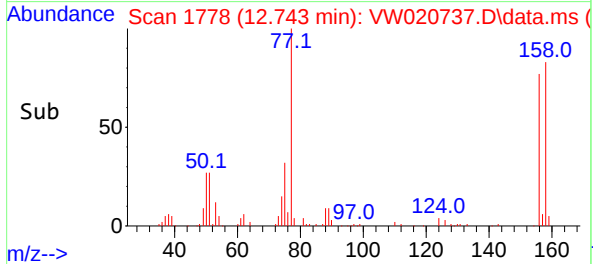
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



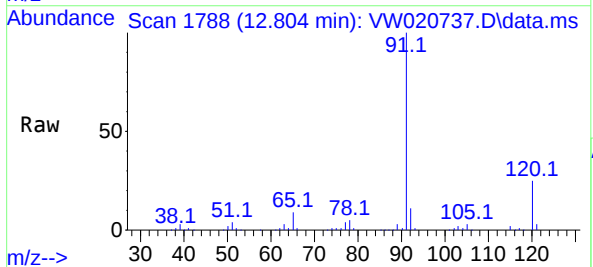
Tgt Ion:156 Resp: 2592
Ion Ratio Lower Upper
156 100
77 156.9 78.5 235.3
158 98.8 49.4 148.2

Manual Integrations
APPROVED

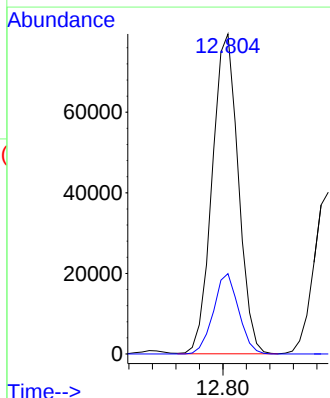
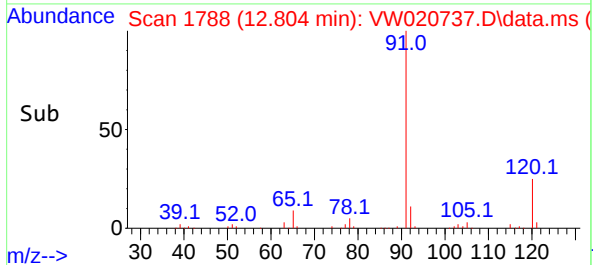
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

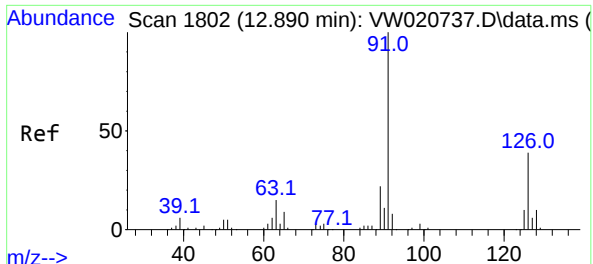


#78
n-propylbenzene
Concen: 49.948 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



Tgt Ion: 91 Resp: 122450
Ion Ratio Lower Upper
91 100
120 24.2 12.1 36.3





#79

2-Chlorotoluene

Concen: 48.445 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 6830

Ion Ratio Lower Upper

91 100

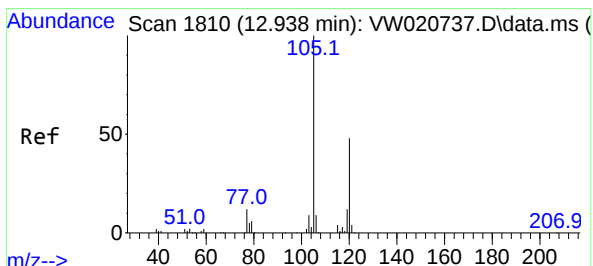
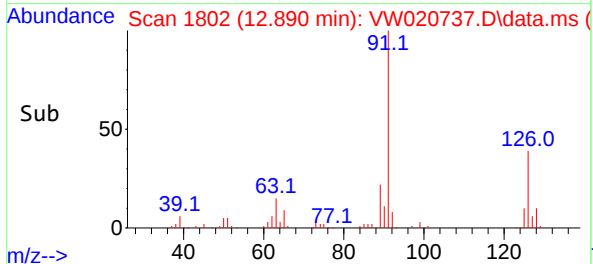
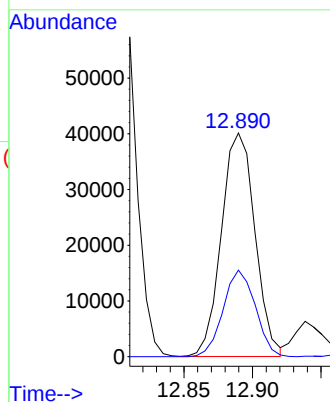
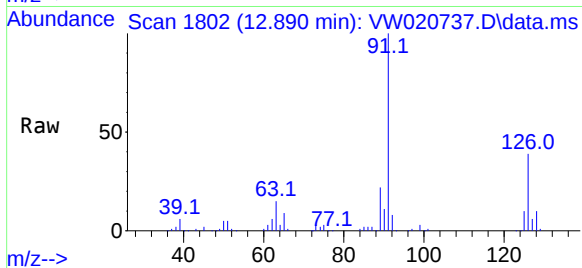
126 37.1 18.6 55.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#80

1,3,5-Trimethylbenzene

Concen: 50.635 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW020737.D

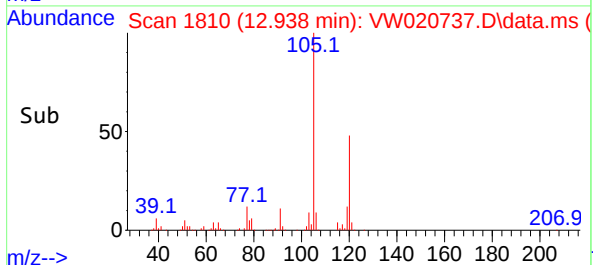
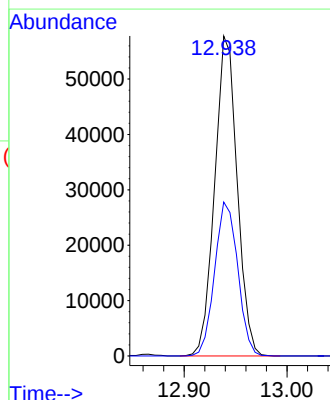
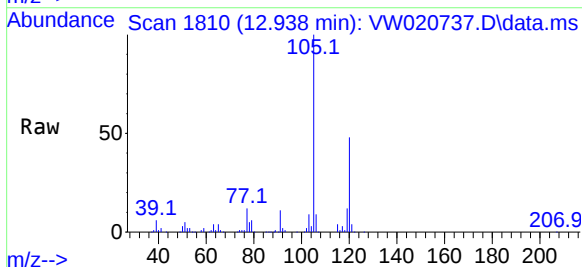
Acq: 01 Nov 2021 16:06

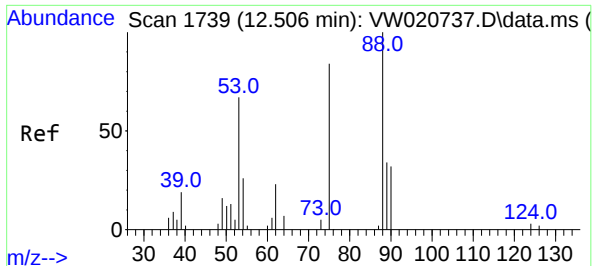
Tgt Ion:105 Resp: 87831

Ion Ratio Lower Upper

105 100

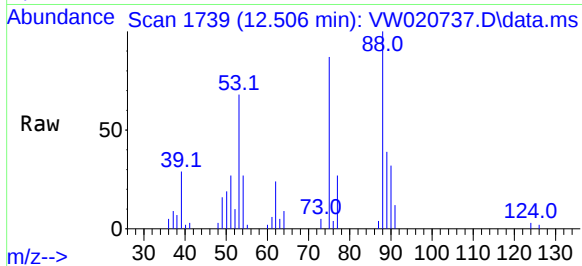
120 49.3 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.698 ug/l
RT: 12.506 min Scan# 1739
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

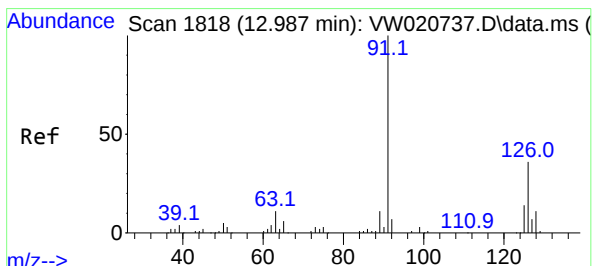
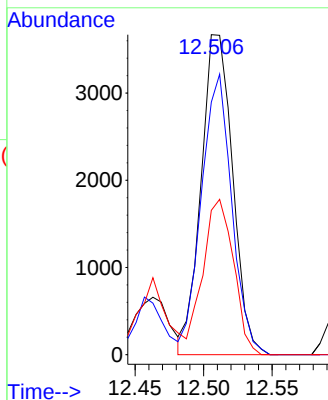
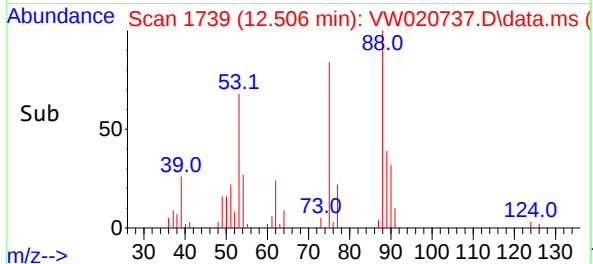
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



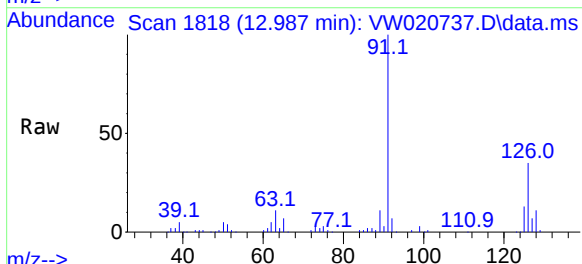
Tgt Ion: 75 Resp: 5880
Ion Ratio Lower Upper
75 100
53 84.6 67.7 101.5
89 46.9 37.5 56.3

Manual Integrations
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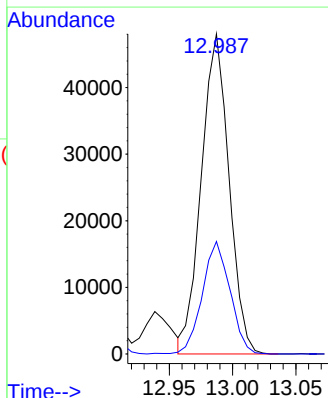
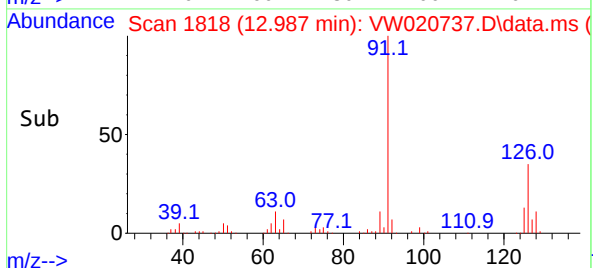
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

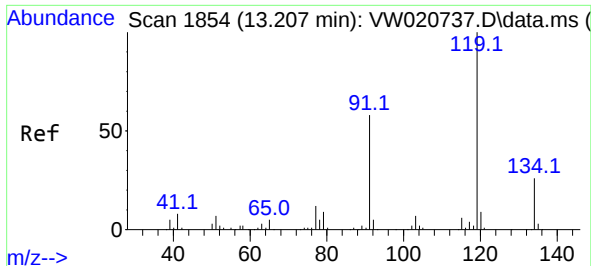


#82
4-Chlorotoluene
Concen: 48.753 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



Tgt Ion: 91 Resp: 73174
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8





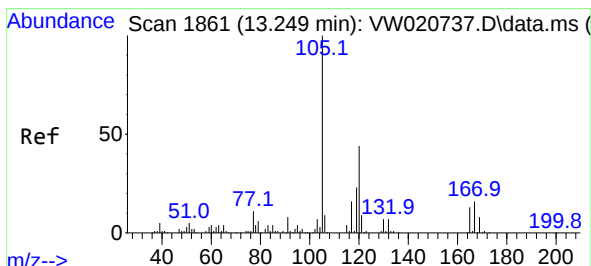
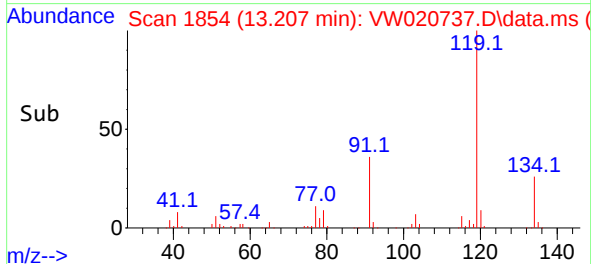
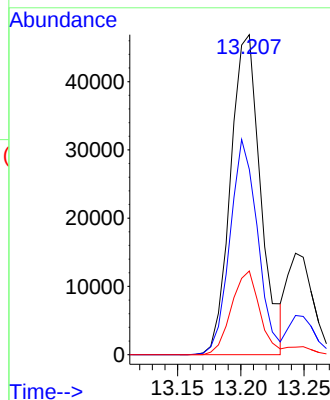
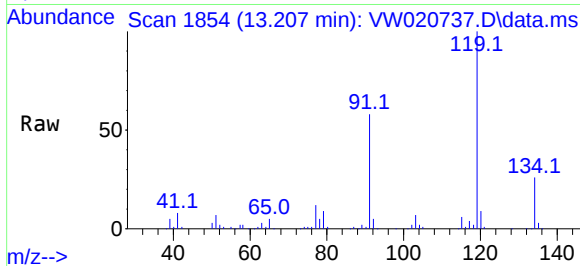
#83
tert-Butylbenzene
Concen: 52.360 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 7773
Ion Ratio Lower Upper
119 100
91 61.9 30.9 92.8
134 25.0 12.5 37.5

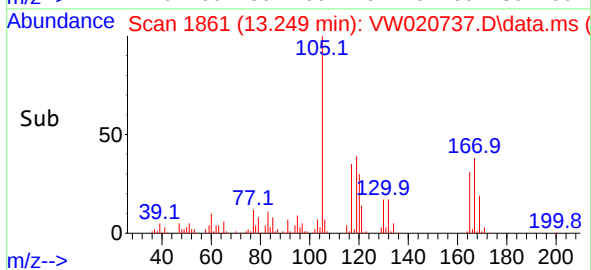
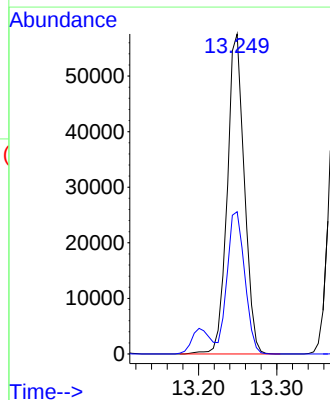
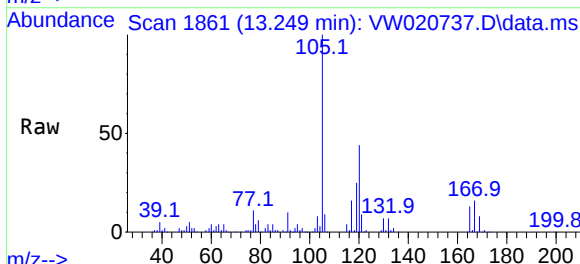
Manual Integrations
APPROVED

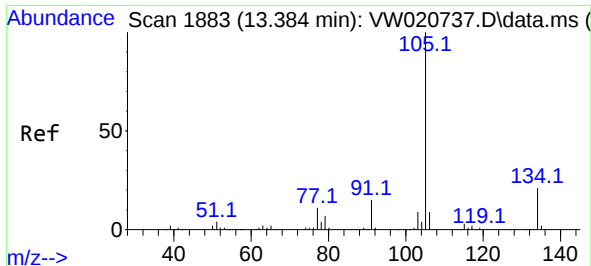
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#84
1,2,4-Trimethylbenzene
Concen: 50.439 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

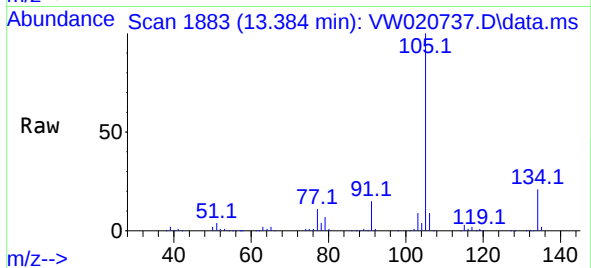
Tgt Ion:105 Resp: 87099
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 51.011 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW020737.D
 Acq: 01 Nov 2021 16:06

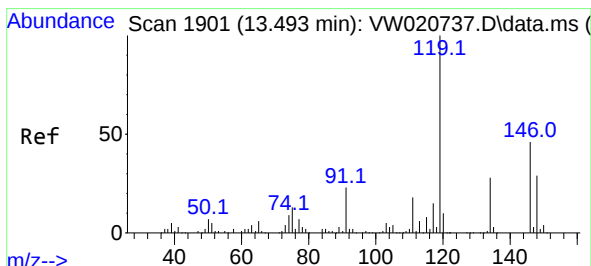
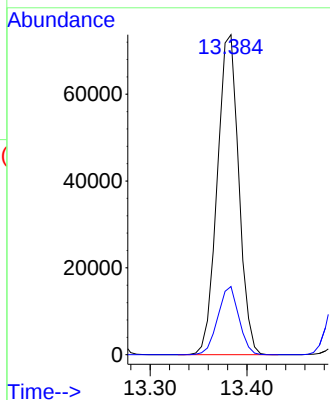
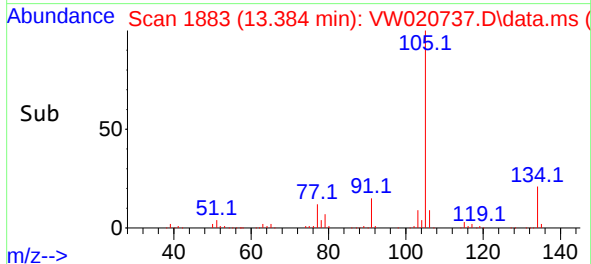
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



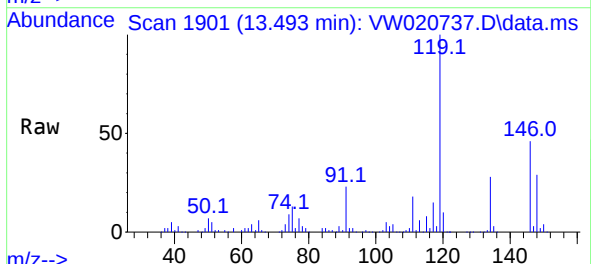
Tgt Ion:105 Resp: 113718
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2

Manual Integrations
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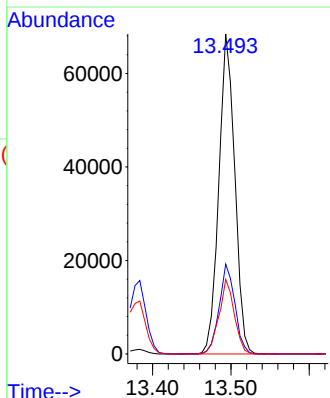
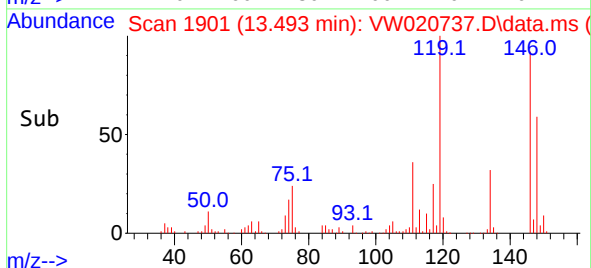
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021



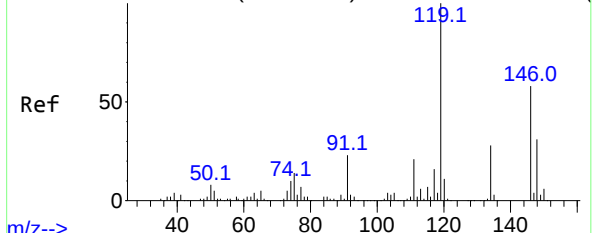
#86
 p-Isopropyltoluene
 Concen: 51.364 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020737.D
 Acq: 01 Nov 2021 16:06



Tgt Ion:119 Resp: 97028
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.3
 91 22.4 11.2 33.6

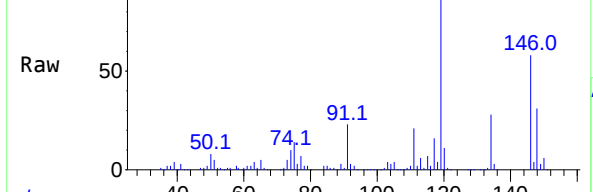


Abundance Scan 1902 (13.499 min): VW020737.D\data.ms (



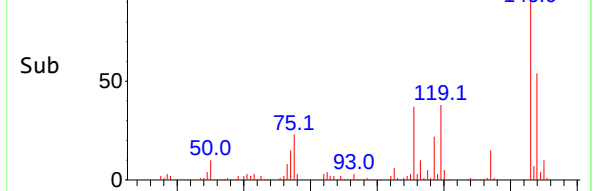
m/z-->

Abundance Scan 1902 (13.499 min): VW020737.D\data.ms



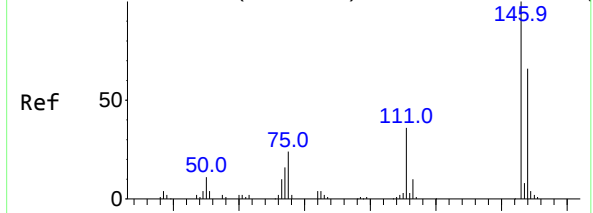
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Abundance Scan 1902 (13.499 min): VW020737.D\data.ms (



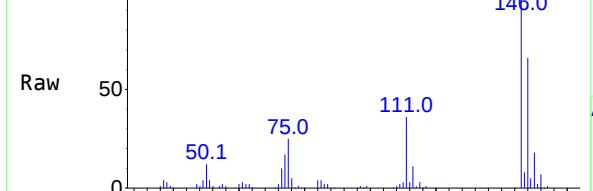
m/z-->

Abundance Scan 1915 (13.579 min): VW020737.D\data.ms (



m/z-->

Abundance Scan 1915 (13.579 min): VW020737.D\data.ms



m/z-->

Abundance Scan 1915 (13.579 min): VW020737.D\data.ms (



m/z-->

#87

1,3-Dichlorobenzene

Concen: 53.204 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Tgt Ion:146 Resp: 5338

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 60.2 30.1 90.3

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

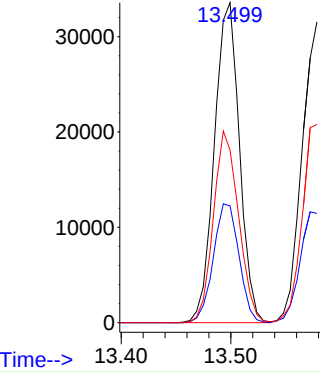
Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021

Abundance



#88

1,4-Dichlorobenzene

Concen: 49.029 ug/l

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Tgt Ion:146 Resp: 48602

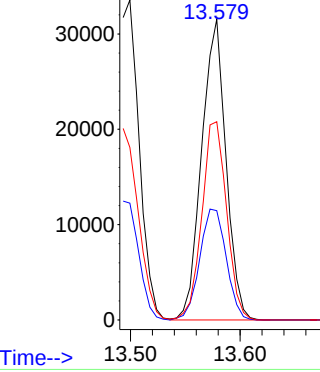
Ion Ratio Lower Upper

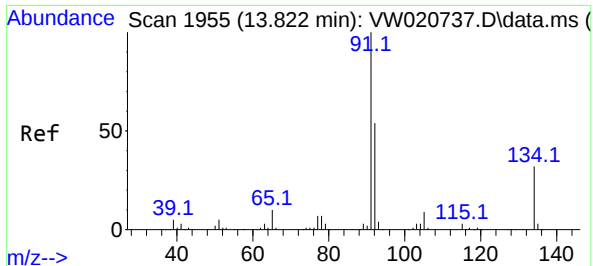
146 100

111 40.2 20.1 60.3

148 67.2 33.6 100.8

Abundance





#89

n-Butylbenzene

Concen: 50.852 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

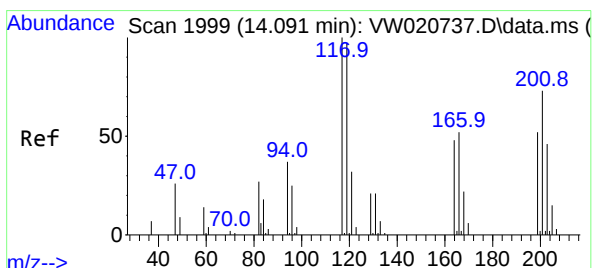
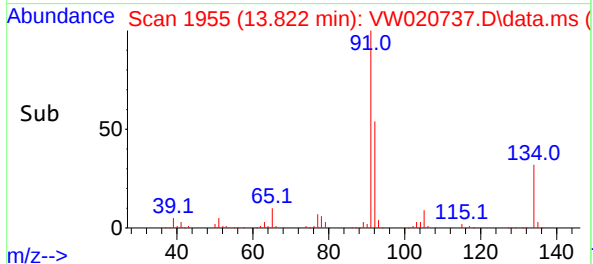
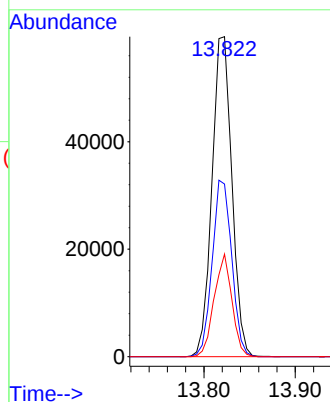
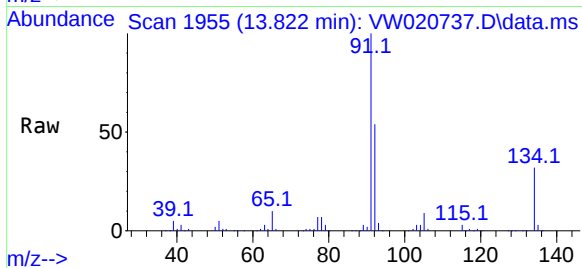
Tgt Ion: 91 Resp: 9008

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.2
134	28.7	14.4	43.0

Manual Integrations

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Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#90

Hexachloroethane

Concen: 52.232 ug/l

RT: 14.091 min Scan# 1999

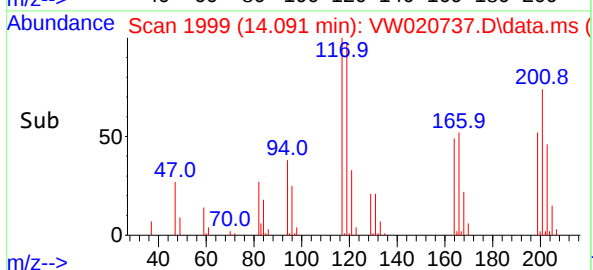
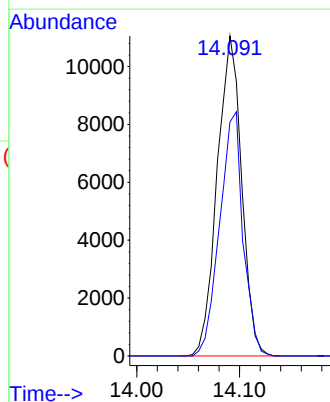
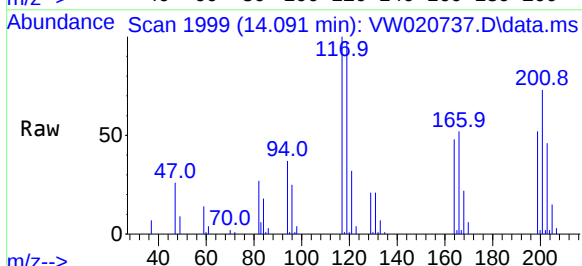
Delta R.T. 0.000 min

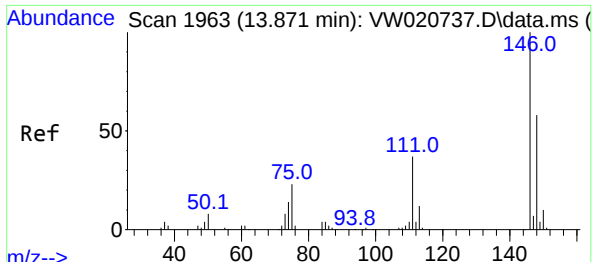
Lab File: VW020737.D

Acq: 01 Nov 2021 16:06

Tgt Ion:117 Resp: 18241

Ion	Ratio	Lower	Upper
117	100		
201	73.0	36.5	109.5





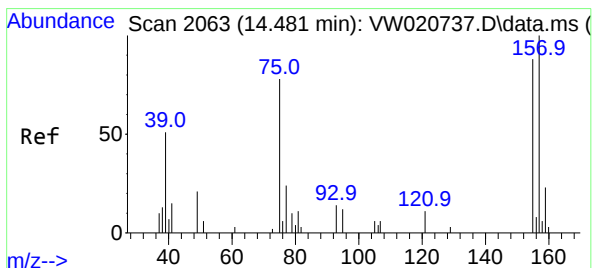
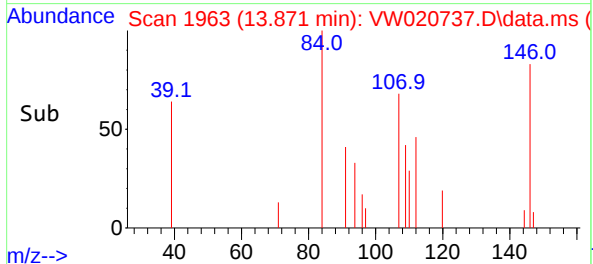
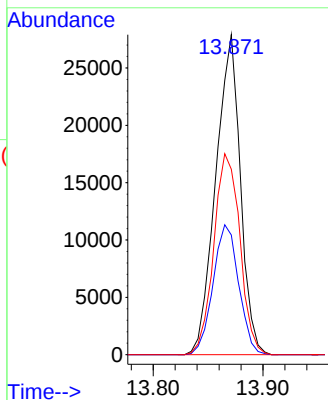
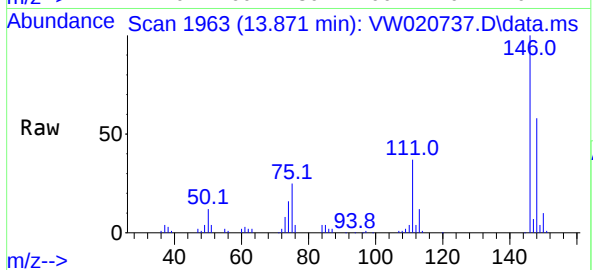
#91
1,2-Dichlorobenzene
Concen: 50.338 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 4368
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 66.4 33.2 99.6

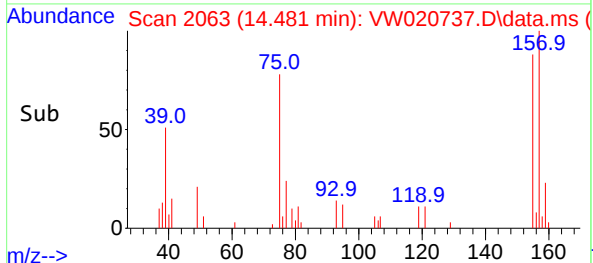
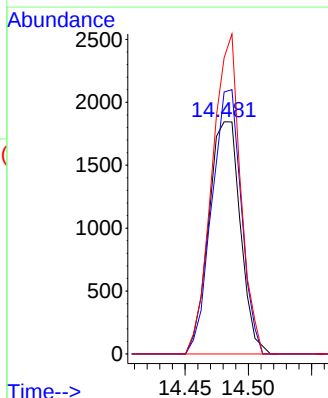
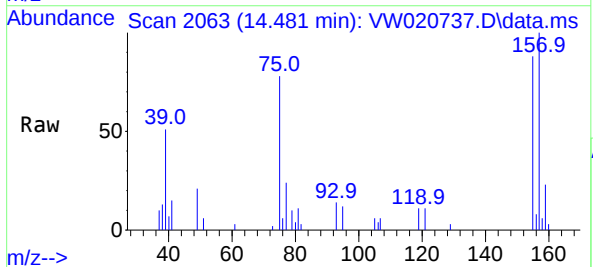
Manual Integrations
APPROVED

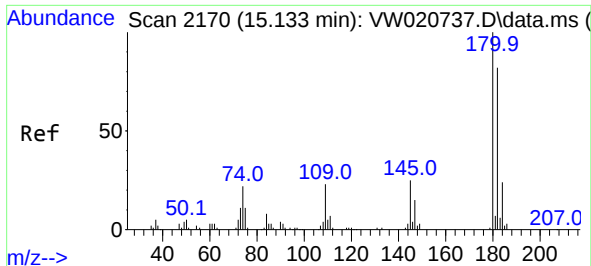
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.490 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

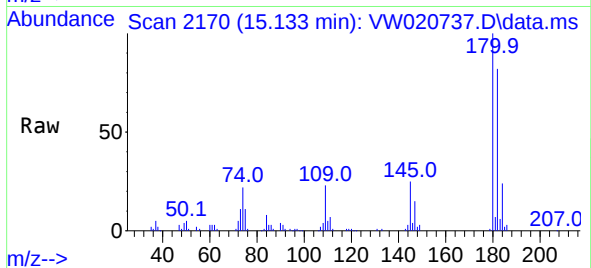
Tgt Ion: 75 Resp: 3217
Ion Ratio Lower Upper
75 100
155 105.6 52.8 158.4
157 122.9 61.5 184.4





#93
1,2,4-Trichlorobenzene
Concen: 51.320 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

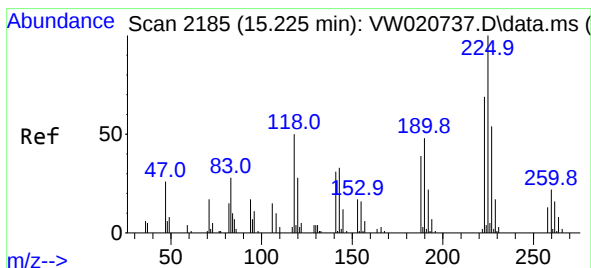
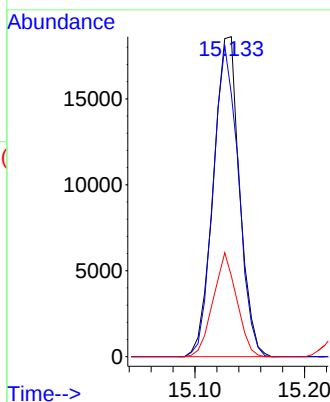
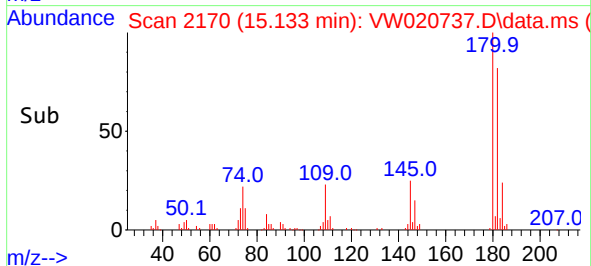
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



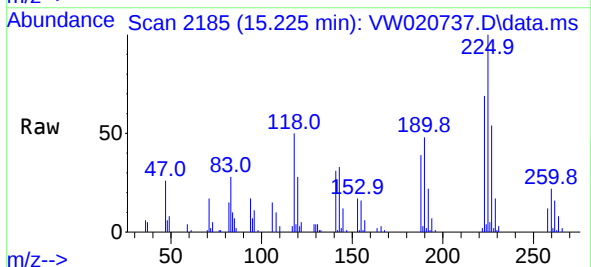
Tgt Ion:180 Resp: 30772
Ion Ratio Lower Upper
180 100
182 94.2 47.1 141.3
145 29.4 14.7 44.1

Manual Integrations
APPROVED

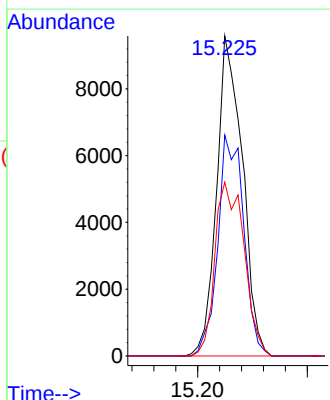
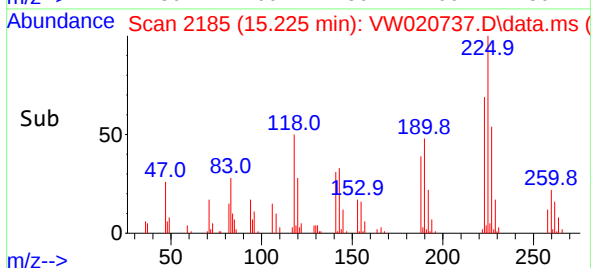
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

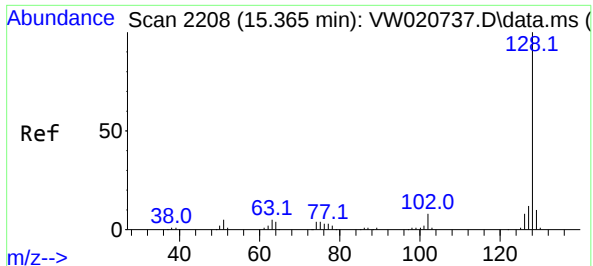


#94
Hexachlorobutadiene
Concen: 41.430 ug/l
RT: 15.225 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



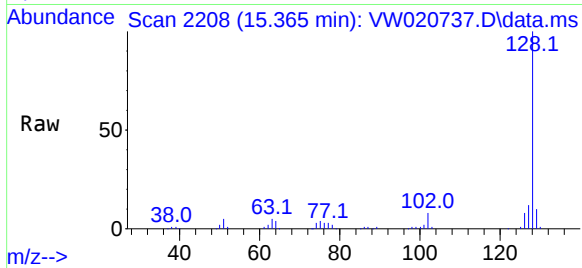
Tgt Ion:225 Resp: 15622
Ion Ratio Lower Upper
225 100
223 69.3 34.6 103.9
227 61.3 30.6 92.0





#95
Naphthalene
Concen: 60.243 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06

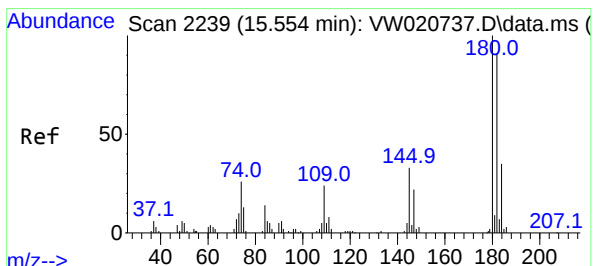
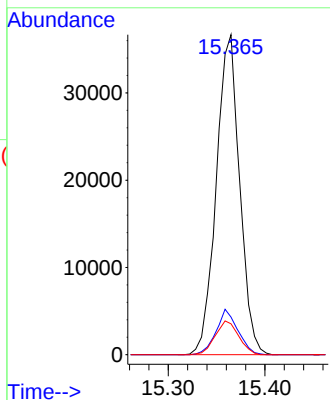
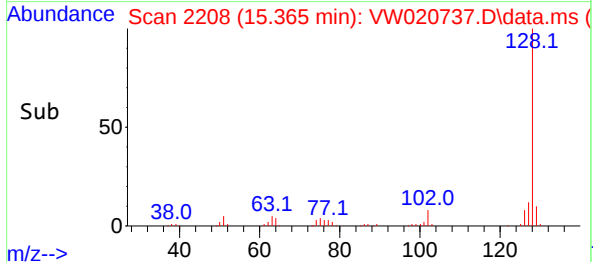
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



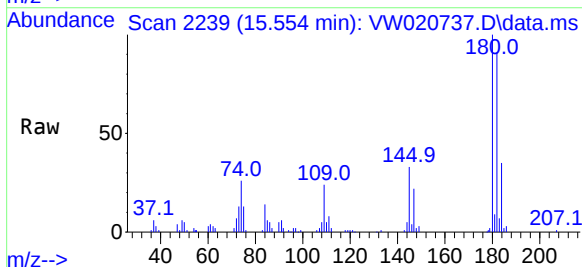
Tgt Ion:128 Resp: 61435
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#96
1,2,3-Trichlorobenzene
Concen: 49.596 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020737.D
Acq: 01 Nov 2021 16:06



Tgt Ion:180 Resp: 26571
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 32.5 16.3 48.8

