

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020736.D
 Acq On : 01 Nov 2021 15:42
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 04:18:14 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	7.951	168	38724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	58451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	55871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	32423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	7419	19.838	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.680%#		
35) Dibromofluoromethane	7.884	113	8082	23.335	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	46.680%#		
50) Toluene-d8	10.323	98	28919	22.548	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	45.100%#		
62) 4-Bromofluorobenzene	12.615	95	9858	20.505	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	41.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	1508	15.689	ug/l	96
3) Chloromethane	2.215	50	4035	17.401	ug/l	94
4) Vinyl Chloride	2.355	62	7432	24.741	ug/l	100
5) Bromomethane	2.757	94	6789	45.003	ug/l	89
6) Chloroethane	2.904	64	2933	32.398	ug/l	93
7) Trichlorofluoromethane	3.245	101	2497	19.332	ug/l	99
8) Diethyl Ether	3.684	74	2621	16.782	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	6547	20.694	ug/l	96
10) Methyl Iodide	4.269	142	8173	22.431	ug/l	98
11) Tert butyl alcohol	5.178	59	1365	67.767	ug/l #	77
12) 1,1-Dichloroethene	4.037	96	5646	18.468	ug/l	96
13) Acrolein	3.879	56	528	63.365	ug/l	96
14) Allyl chloride	4.659	41	4467	10.455	ug/l	96
15) Acrylonitrile	5.367	53	4986	69.036	ug/l	95
16) Acetone	4.123	43	4214	52.367	ug/l	100
17) Carbon Disulfide	4.379	76	13756	16.525	ug/l	100
18) Methyl Acetate	4.672	43	3225	12.364	ug/l	98
19) Methyl tert-butyl Ether	5.421	73	6516	15.854	ug/l	95
20) Methylene Chloride	4.909	84	7624	18.622	ug/l	94
21) trans-1,2-Dichloroethene	5.427	96	6207	18.096	ug/l	94
22) Diisopropyl ether	6.305	45	11325	12.348	ug/l #	90
23) Vinyl Acetate	6.257	43	30556	60.722	ug/l	98
24) 1,1-Dichloroethane	6.214	63	9507	15.570	ug/l	97
25) 2-Butanone	7.171	43	5582	56.950	ug/l	98
26) 2,2-Dichloropropane	7.165	77	5722	16.710	ug/l	93
27) cis-1,2-Dichloroethene	7.171	96	6977	18.622	ug/l	93
28) Bromochloromethane	7.512	49	4140	14.749	ug/l #	98
29) Tetrahydrofuran	7.531	42	3331	56.449	ug/l	100
30) Chloroform	7.677	83	12125	18.468	ug/l	98
31) Cyclohexane	7.951	56	7943	13.004	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	9160	18.070	ug/l	99
36) 1,1-Dichloropropene	8.079	75	8460	16.437	ug/l	96
37) Ethyl Acetate	7.256	43	2864	13.438	ug/l	95
38) Carbon Tetrachloride	8.061	117	9225	19.009	ug/l	100
39) Methylcyclohexane	9.335	83	9660	15.455	ug/l	91
40) Benzene	8.323	78	24448	16.535	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	1341	10.812	ug/l #	90
42) 1,2-Dichloroethane	8.396	62	6986	15.519	ug/l	98
43) Isopropyl Acetate	8.427	43	5109	12.559	ug/l	97
44) Trichloroethene	9.091	130	7557	19.126	ug/l	96
45) 1,2-Dichloropropane	9.366	63	5611	16.309	ug/l	95
46) Dibromomethane	9.463	93	3807	19.408	ug/l	93
47) Bromodichloromethane	9.646	83	8853	18.037	ug/l	97
48) Methyl methacrylate	9.439	41	2394	12.071	ug/l	89
49) 1,4-Dioxane	9.457	88	932	350.853	ug/l	90
51) 4-Methyl-2-Pentanone	10.207	43	13777	64.009	ug/l	97
52) Toluene	10.384	92	16453	18.093	ug/l	91
53) t-1,3-Dichloropropene	10.609	75	8037	16.519	ug/l	93
54) cis-1,3-Dichloropropene	10.073	75	9217	16.563	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	5203	18.993	ug/l	96
56) Ethyl methacrylate	10.646	69	5359	16.129	ug/l	95
57) 1,3-Dichloropropane	10.933	76	8171	17.501	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	14614	93.412	ug/l	94
59) 2-Hexanone	10.969	43	9133	60.173	ug/l	99
60) Dibromochloromethane	11.128	129	6398	19.446	ug/l	99
61) 1,2-Dibromoethane	11.231	107	5065	19.066	ug/l	98
64) Tetrachloroethene	10.866	164	6054	17.018	ug/l #	85
65) Chlorobenzene	11.658	112	18844	18.508	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	7018	18.809	ug/l	100
67) Ethyl Benzene	11.731	91	31042	17.111	ug/l	100
68) m/p-Xylenes	11.835	106	24747	35.043	ug/l	95
69) o-Xylene	12.164	106	11347	17.362	ug/l	95
70) Styrene	12.176	104	19937	17.788	ug/l	97
71) Bromoform	12.347	173	3814	18.441	ug/l #	98
73) Isopropylbenzene	12.463	105	31665	16.314	ug/l	99
74) N-amyl acetate	12.268	43	4781	11.252	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	6080	17.315	ug/l	96
76) 1,2,3-Trichloropropane	12.768	75	4324m	15.636	ug/l	
77) Bromobenzene	12.743	156	7955	16.695	ug/l	95
78) n-propylbenzene	12.804	91	37962	15.922	ug/l	99
79) 2-Chlorotoluene	12.890	91	21922	15.987	ug/l	98
80) 1,3,5-Trimethylbenzene	12.938	105	27462	16.278	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	1640	14.811	ug/l	90
82) 4-Chlorotoluene	12.987	91	22892	15.682	ug/l	99
83) tert-Butylbenzene	13.207	119	23315	16.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	27586	16.426	ug/l	100
85) sec-Butylbenzene	13.383	105	35573	16.407	ug/l	98
86) p-Isopropyltoluene	13.493	119	30125	16.397	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	17652	18.089	ug/l	97
88) 1,4-Dichlorobenzene	13.572	146	16751	17.375	ug/l	95
89) n-Butylbenzene	13.822	91	27752	16.108	ug/l	98
90) Hexachloroethane	14.091	117	5748	16.923	ug/l	95
91) 1,2-Dichlorobenzene	13.865	146	14811	17.549	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	904	14.588	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	9186	15.752	ug/l	98
94) Hexachlorobutadiene	15.231	225	5267	14.362	ug/l	88
95) Naphthalene	15.359	128	15668	15.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	8322	15.971	ug/l	97

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

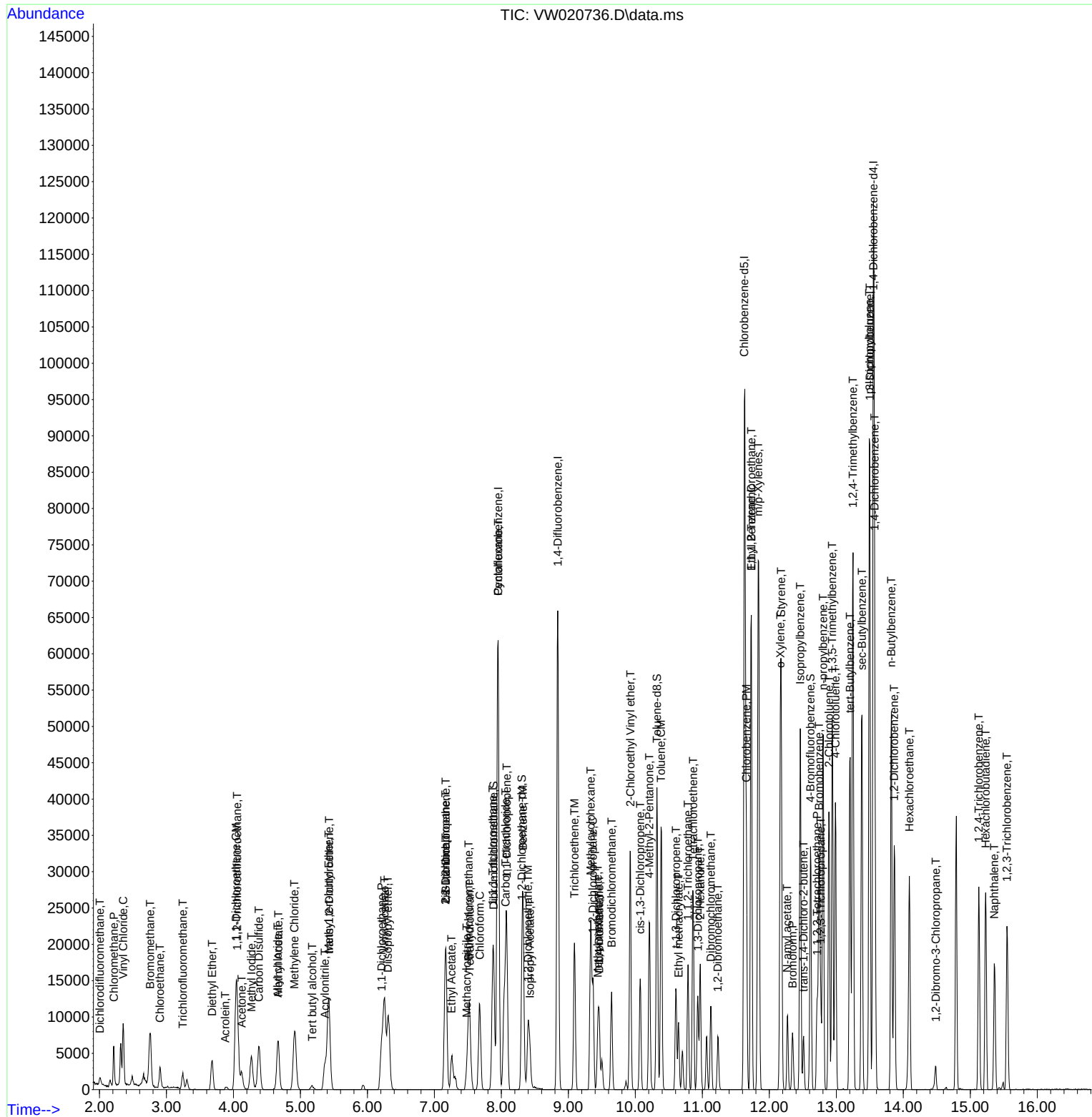
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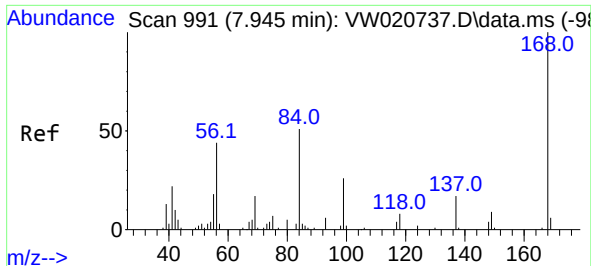
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Manual Integrations APPROVED

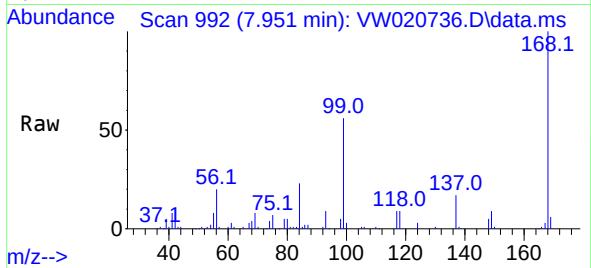
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

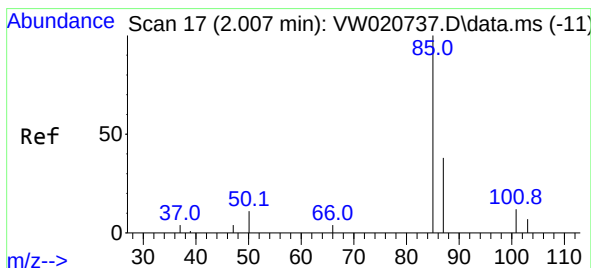
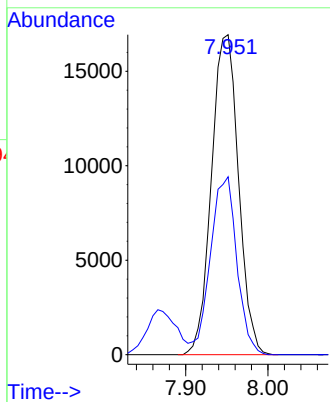
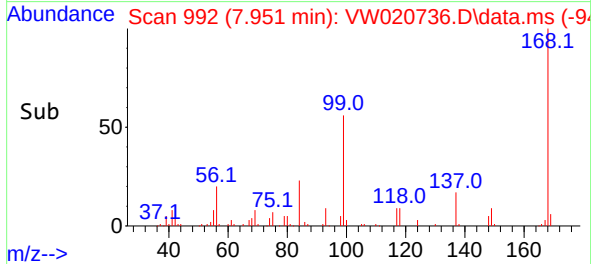
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



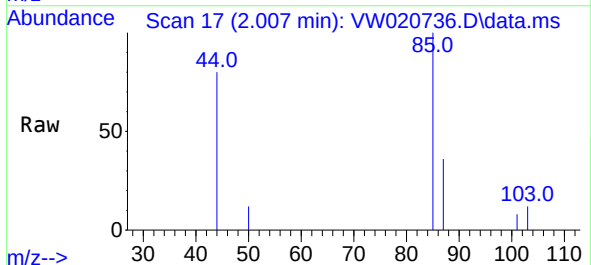
Tgt Ion:168 Resp: 38724
Ion Ratio Lower Upper
168 100
99 55.6 42.6 63.8

Manual Integrations
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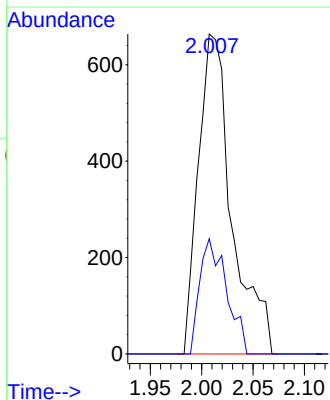
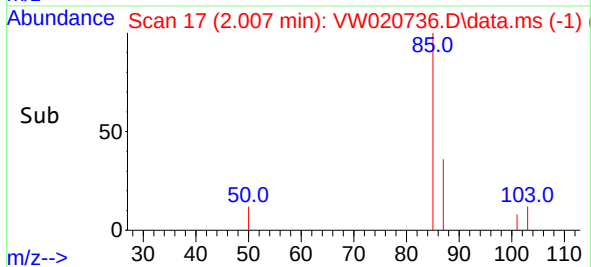
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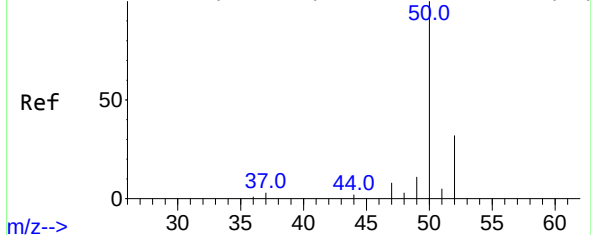
#2
Dichlorodifluoromethane
Concen: 15.689 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion: 85 Resp: 1508
Ion Ratio Lower Upper
85 100
87 36.0 19.1 57.5



Abundance Scan 50 (2.209 min): VW020737.D\data.ms (-45)



#3

Chloromethane

Concen: 17.401 ug/l

RT: 2.215 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 403

Ion Ratio Lower Upper

50 100

52 35.6 25.9 38.9

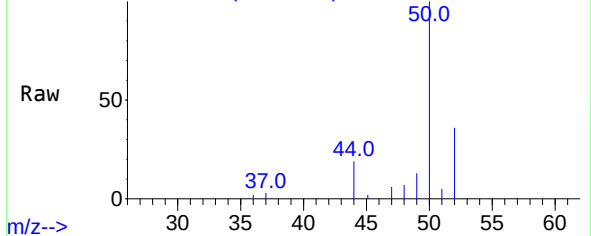
Manual Integrations

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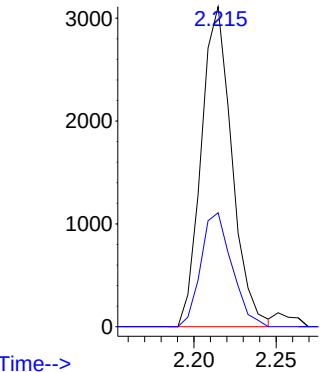
Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021

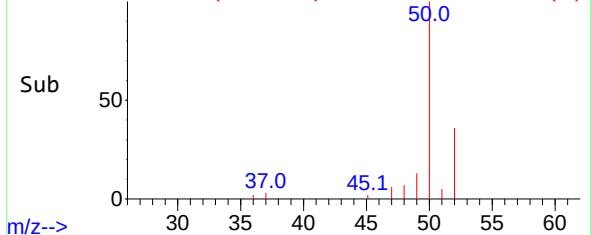
Abundance Scan 51 (2.215 min): VW020736.D\data.ms



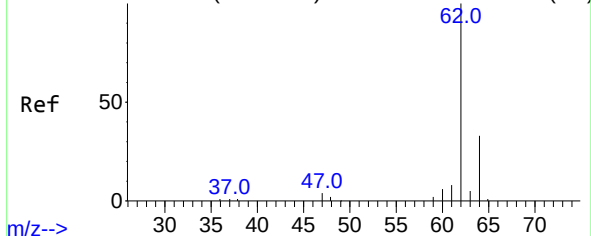
Abundance



Abundance Scan 51 (2.215 min): VW020736.D\data.ms (-1)



Abundance Scan 74 (2.355 min): VW020737.D\data.ms (-67)



#4

Vinyl Chloride

Concen: 24.741 ug/l

RT: 2.355 min Scan# 74

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

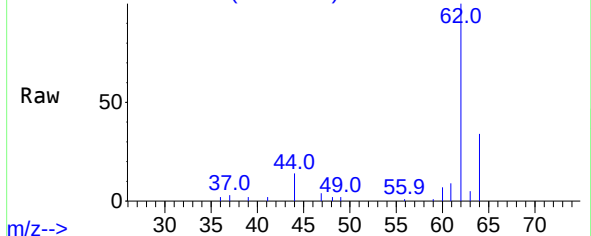
Tgt Ion: 62 Resp: 7432

Ion Ratio Lower Upper

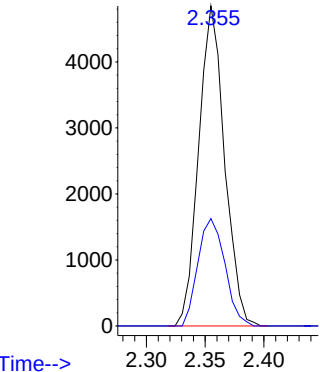
62 100

64 33.6 26.7 40.1

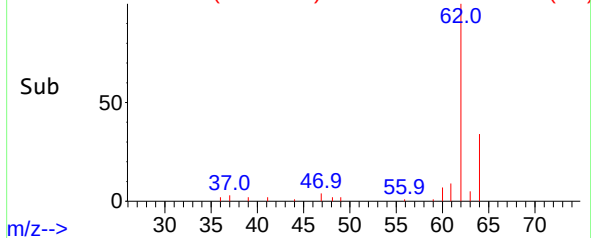
Abundance Scan 74 (2.355 min): VW020736.D\data.ms

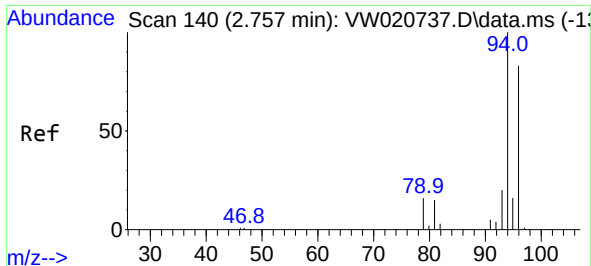


Abundance



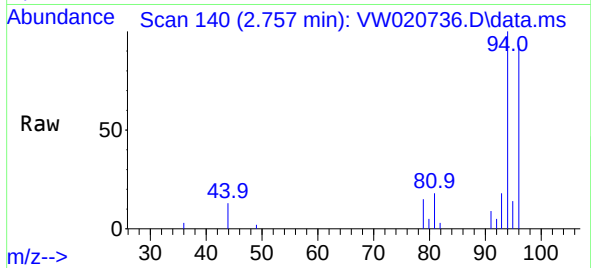
Abundance Scan 74 (2.355 min): VW020736.D\data.ms (-25)





#5
Bromomethane
Concen: 45.003 ug/l
RT: 2.757 min Scan# 140
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

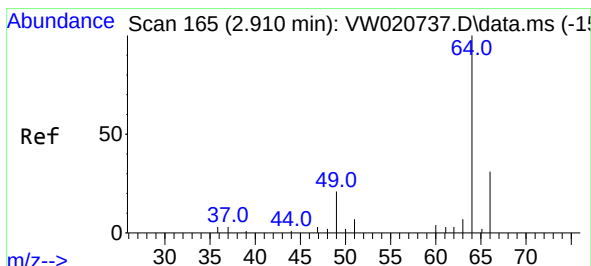
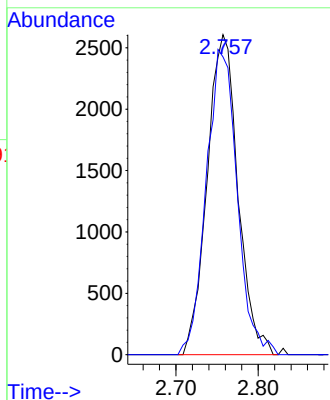
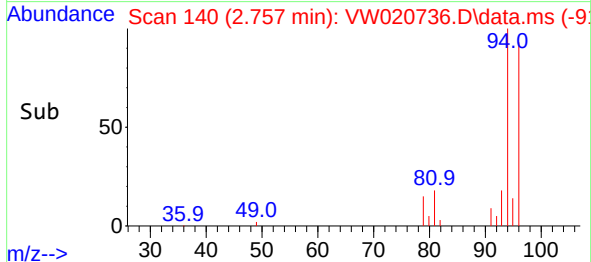
Instrument :
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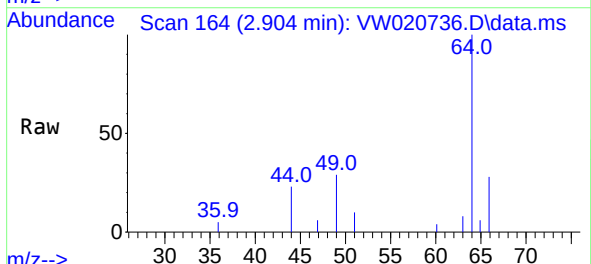
Tgt Ion: 94 Resp: 6789
Ion Ratio Lower Upper
94 100
96 93.1 66.7 100.1

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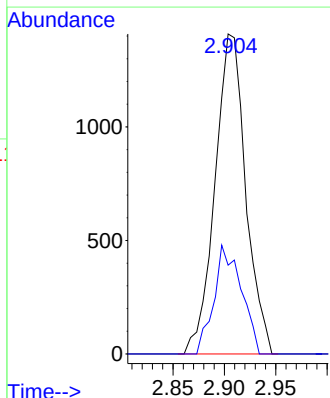
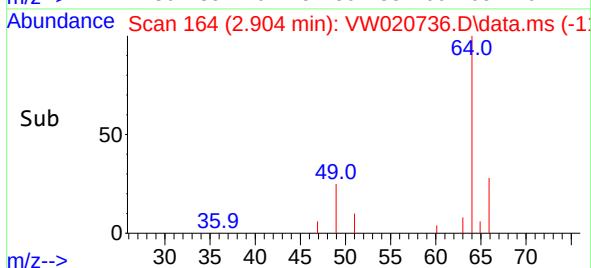
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

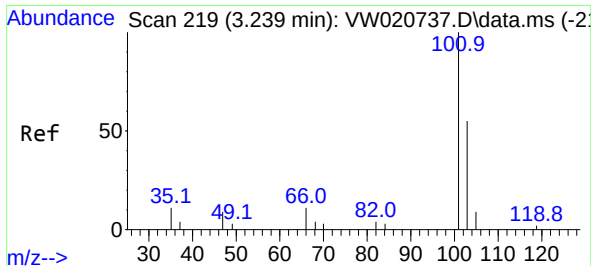


#6
Chloroethane
Concen: 32.398 ug/l
RT: 2.904 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion: 64 Resp: 2933
Ion Ratio Lower Upper
64 100
66 27.8 25.1 37.7





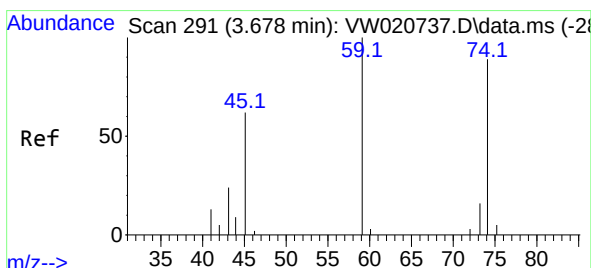
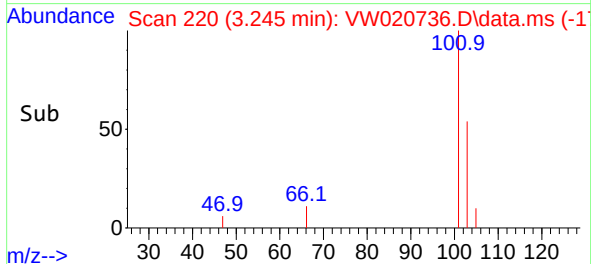
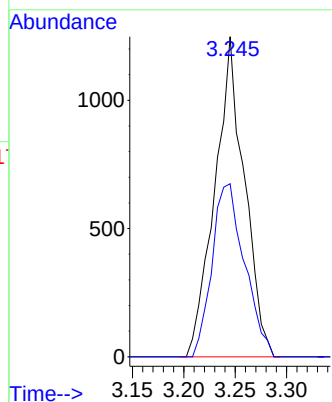
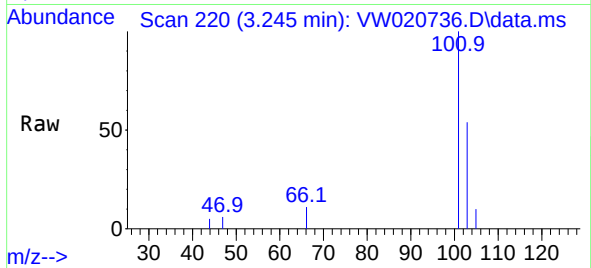
#7
 Trichlorofluoromethane
 Concen: 19.332 ug/l
 RT: 3.245 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VW020736.D
 Acq: 01 Nov 2021 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:101 Resp: 249
 Ion Ratio Lower Upper
 101 100
 103 54.1 43.9 65.9

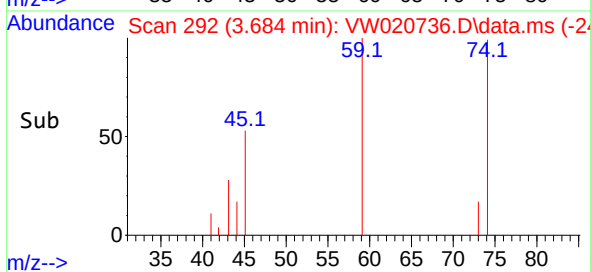
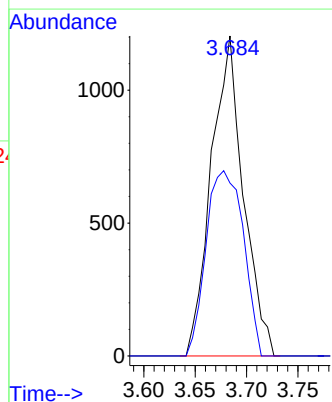
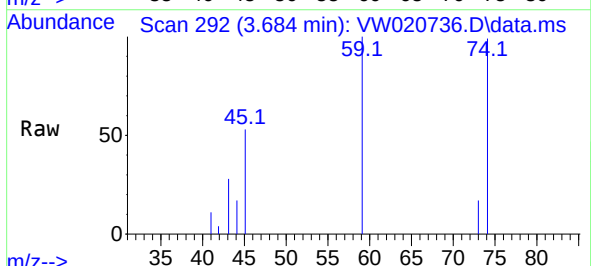
Manual Integrations
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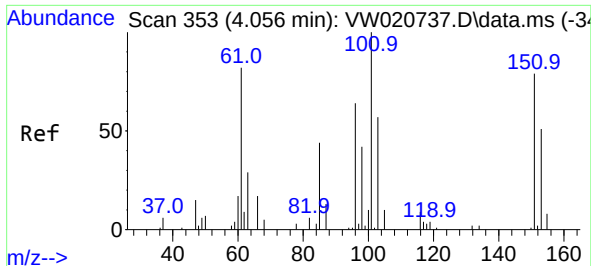
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#8
 Diethyl Ether
 Concen: 16.782 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.006 min
 Lab File: VW020736.D
 Acq: 01 Nov 2021 15:42

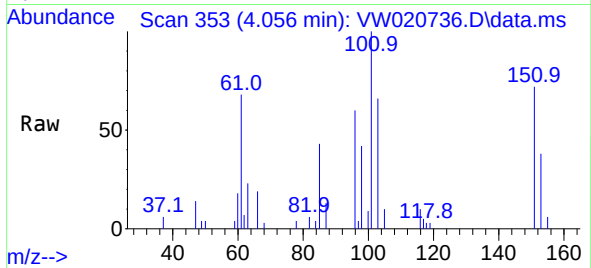
Tgt Ion: 74 Resp: 2621
 Ion Ratio Lower Upper
 74 100
 45 67.1 34.3 102.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.694 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

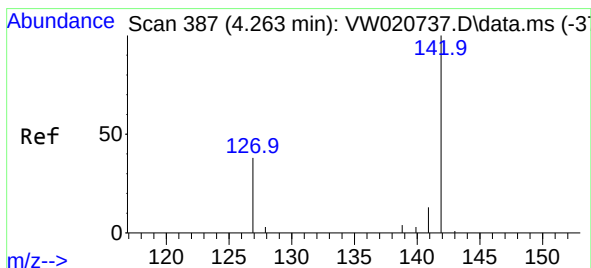
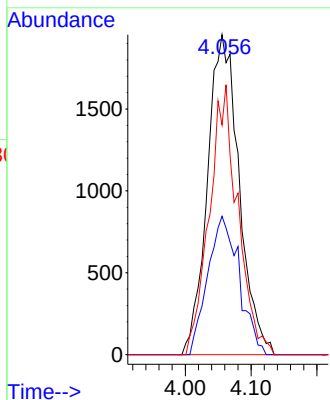
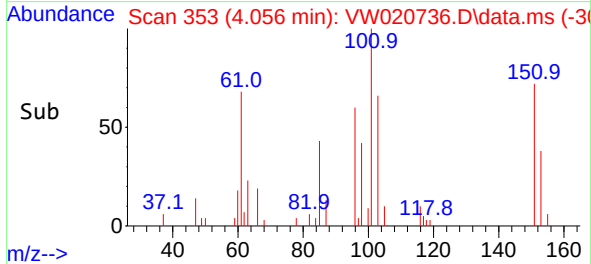
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 654
Ion Ratio Lower Upper
101 100
85 43.0 35.2 52.8
151 75.9 65.0 97.4

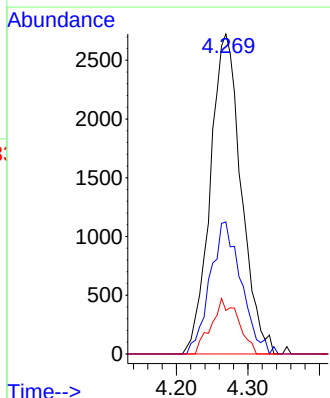
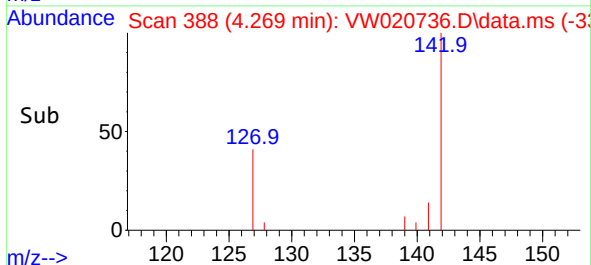
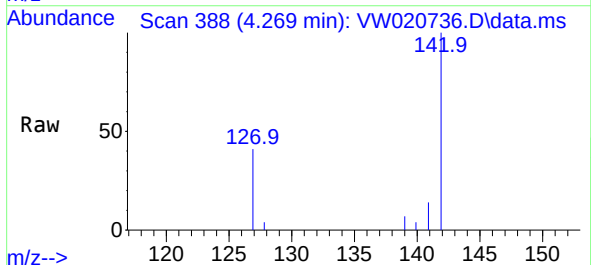
Manual Integrations
APPROVED

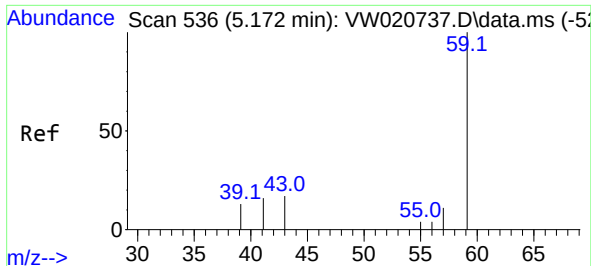
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#10
Methyl Iodide
Concen: 22.431 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion:142 Resp: 8173
Ion Ratio Lower Upper
142 100
127 41.7 34.3 51.5
141 15.0 12.2 18.2





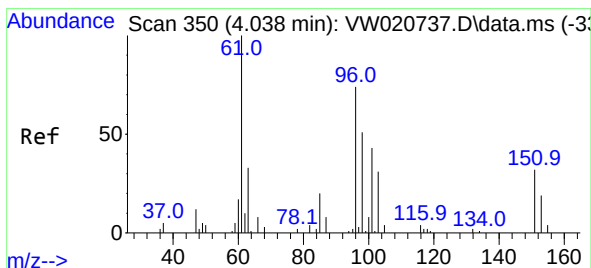
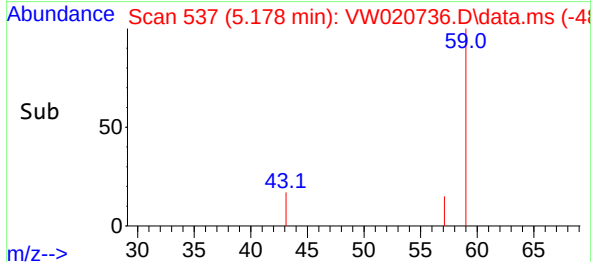
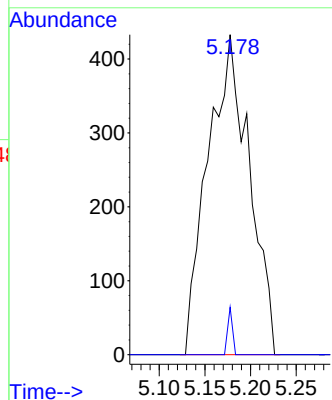
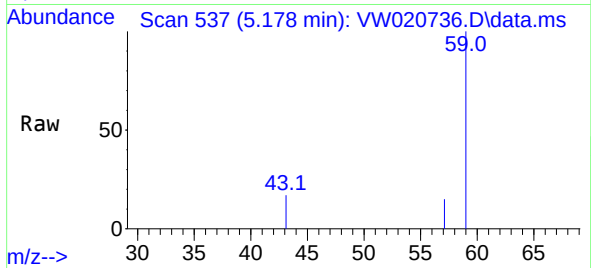
#11
Tert butyl alcohol
Concen: 67.767 ug/l
RT: 5.178 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7

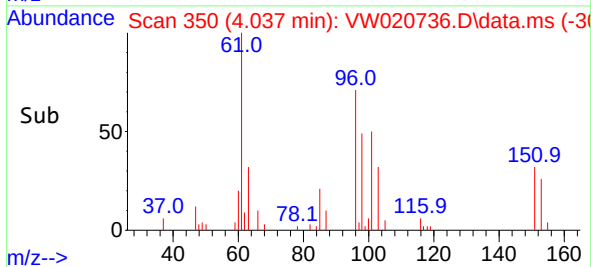
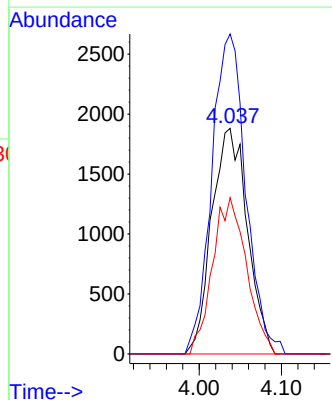
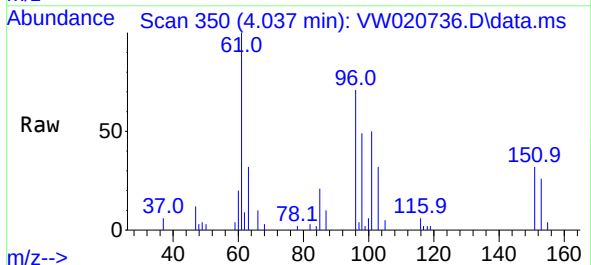
Manual Integrations
APPROVED

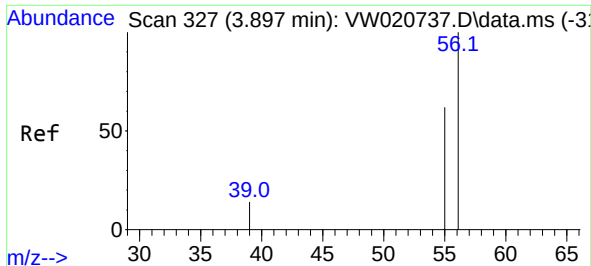
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#12
1,1-Dichloroethene
Concen: 18.468 ug/l
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

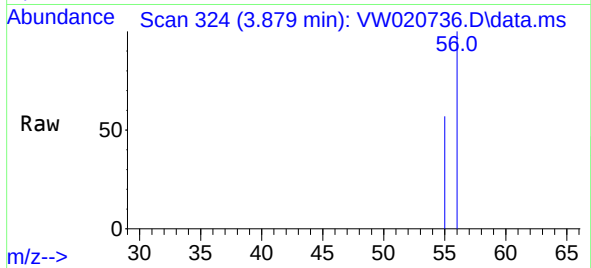
Tgt Ion: 96 Resp: 5646
Ion Ratio Lower Upper
96 100
61 141.8 108.1 162.1
98 69.3 55.4 83.2





#13
Acrolein
Concen: 63.365 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.018 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

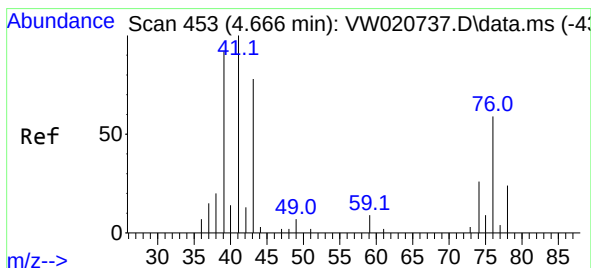
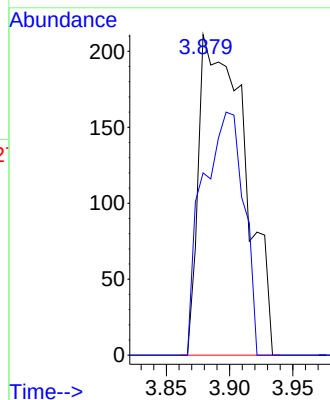
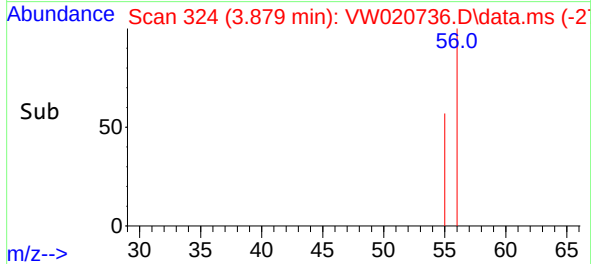
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 528
Ion Ratio Lower Upper
56 100
55 68.6 52.5 78.7

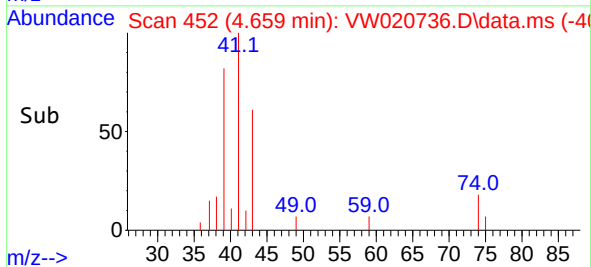
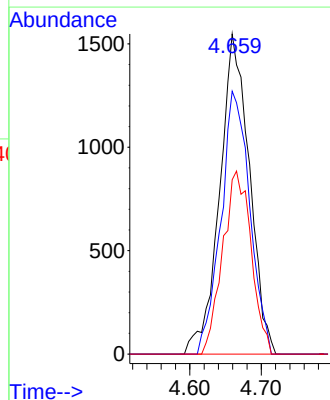
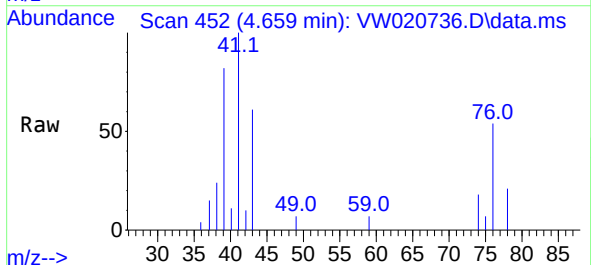
Manual Integrations
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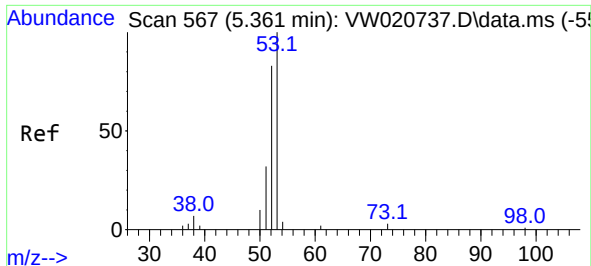
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#14
Allyl chloride
Concen: 10.455 ug/l
RT: 4.659 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

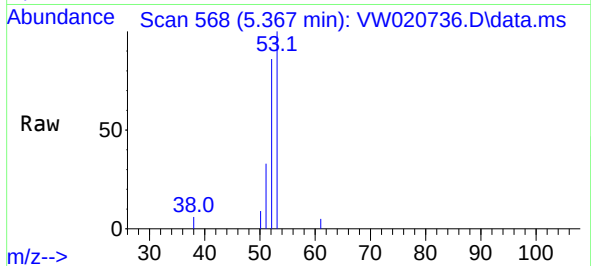
Tgt Ion: 41 Resp: 4467
Ion Ratio Lower Upper
41 100
39 79.8 67.3 100.9
76 54.6 45.8 68.8





#15
Acrylonitrile
Concen: 69.036 ug/l
RT: 5.367 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

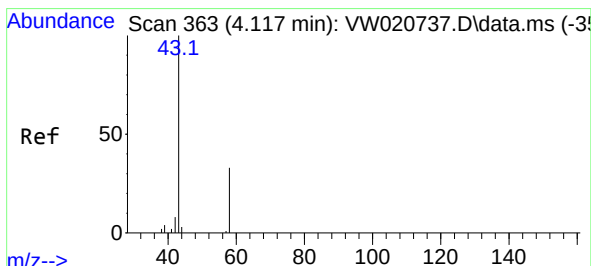
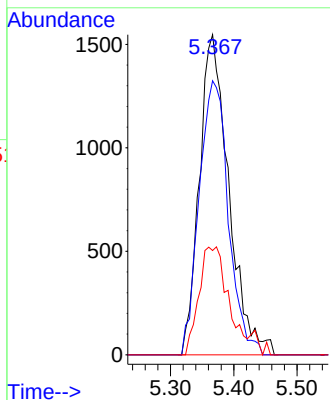
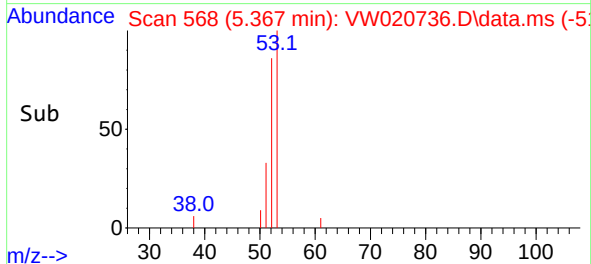
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 4980
Ion Ratio Lower Upper
53 100
52 85.2 63.7 95.5
51 33.6 27.5 41.3

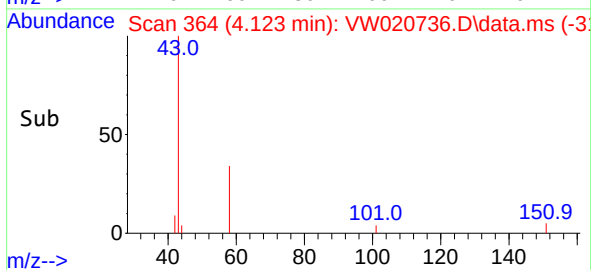
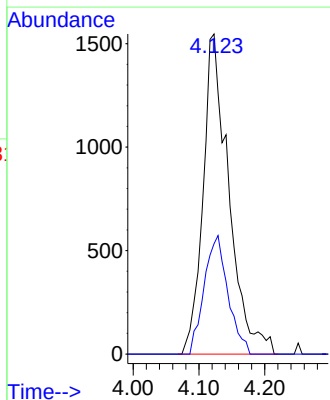
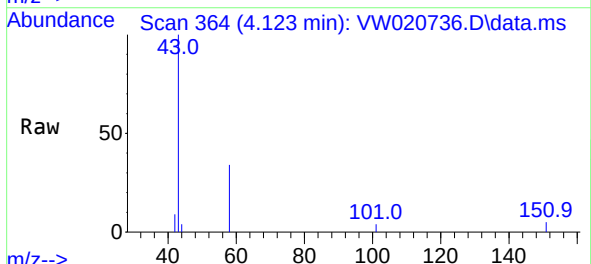
Manual Integrations
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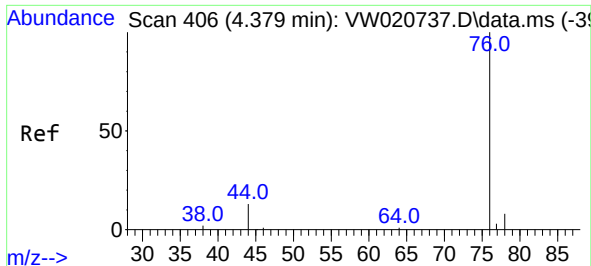
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#16
Acetone
Concen: 52.367 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion: 43 Resp: 4214
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.6





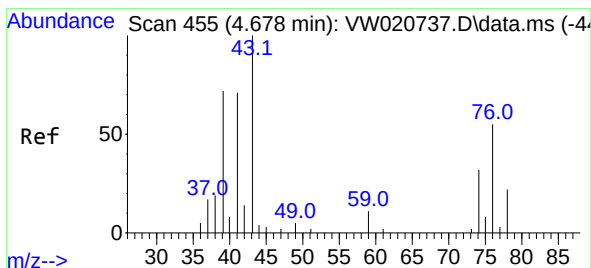
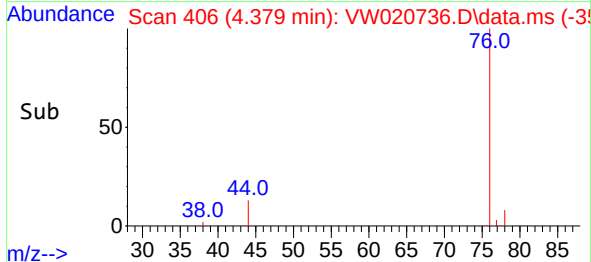
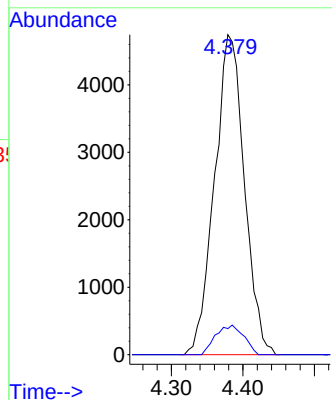
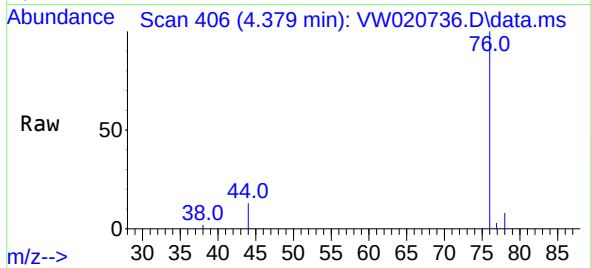
#17
Carbon Disulfide
Concen: 16.525 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 13750
Ion Ratio Lower Upper
76 100
78 8.2 6.4 9.6

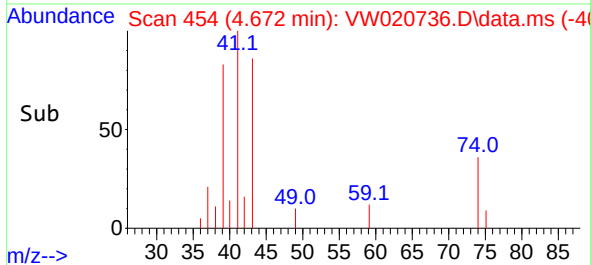
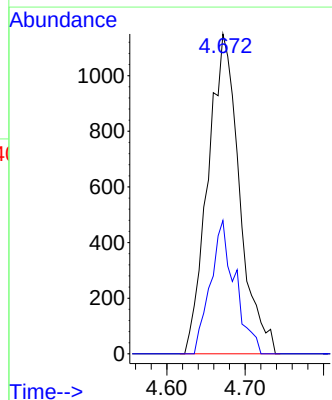
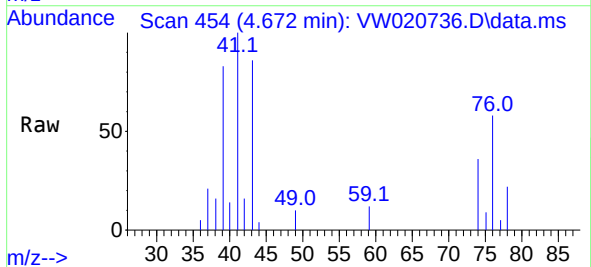
Manual Integrations
APPROVED

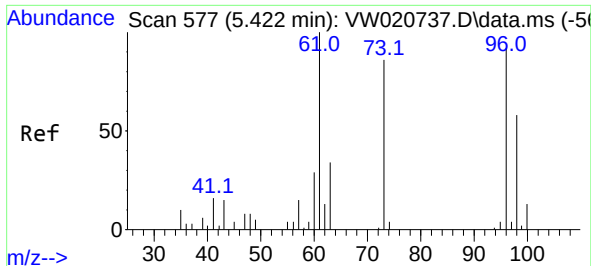
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#18
Methyl Acetate
Concen: 12.364 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

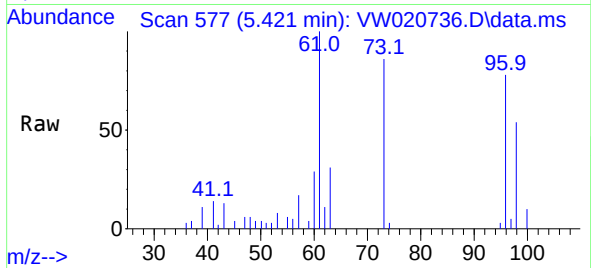
Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
74 32.5 27.0 40.6





#19
Methyl tert-butyl Ether
Concen: 15.854 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

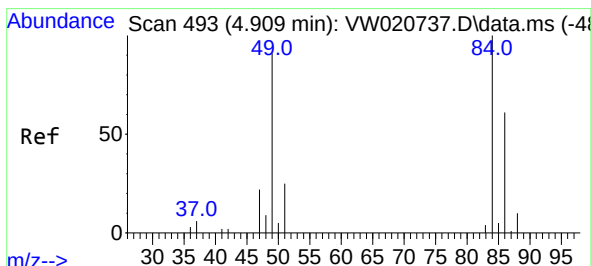
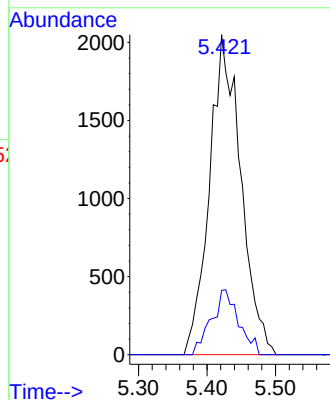
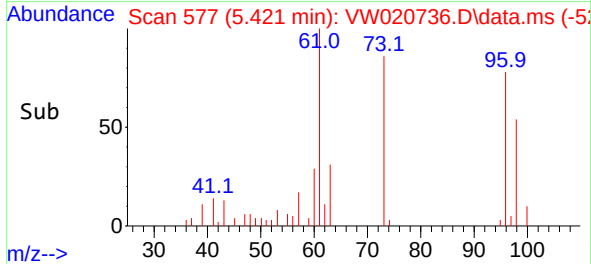
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 6510
Ion Ratio Lower Upper
73 100
57 20.1 14.4 21.6

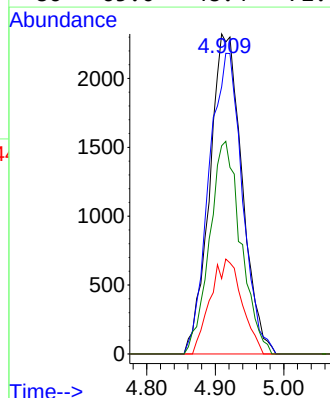
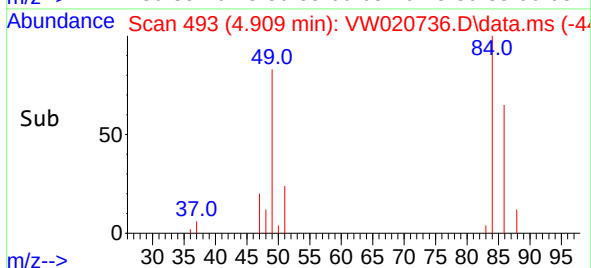
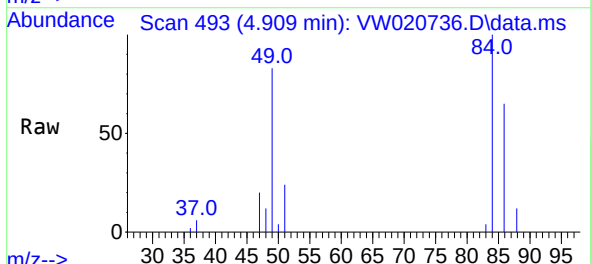
Manual Integrations
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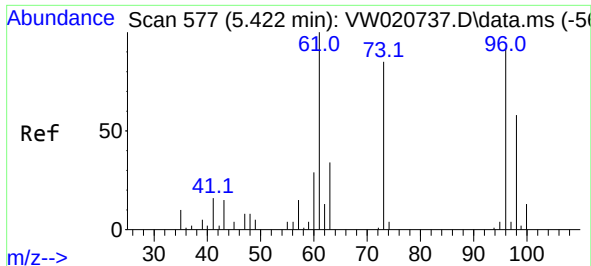
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#20
Methylene Chloride
Concen: 18.622 ug/l
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

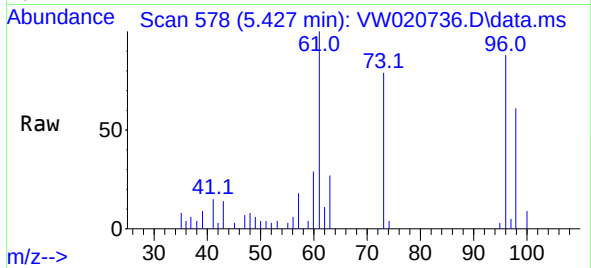
Tgt Ion: 84 Resp: 7624
Ion Ratio Lower Upper
84 100
49 83.5 72.6 108.8
51 23.5 19.7 29.5
86 65.0 48.4 72.6





#21
trans-1,2-Dichloroethene
Concen: 18.096 ug/l
RT: 5.427 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

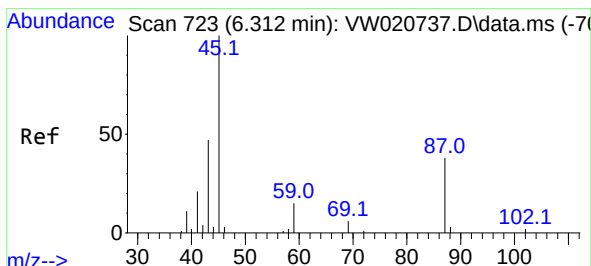
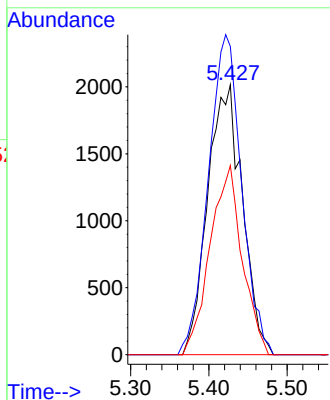
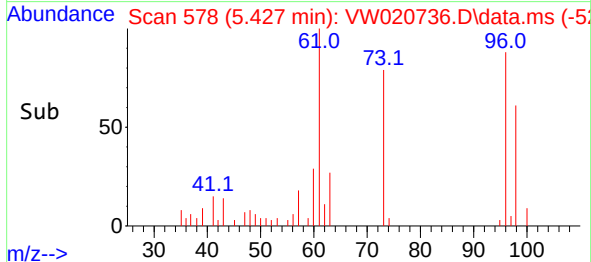
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



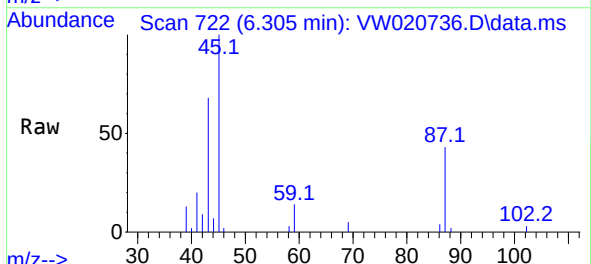
Tgt Ion: 96 Resp: 620
Ion Ratio Lower Upper
96 100
61 114.1 87.2 130.8
98 70.0 50.9 76.3

Manual Integrations
APPROVED

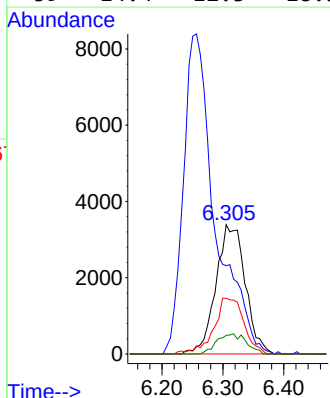
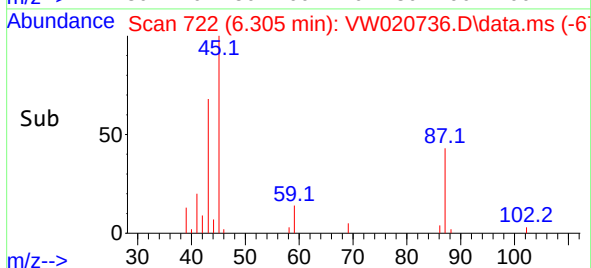
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

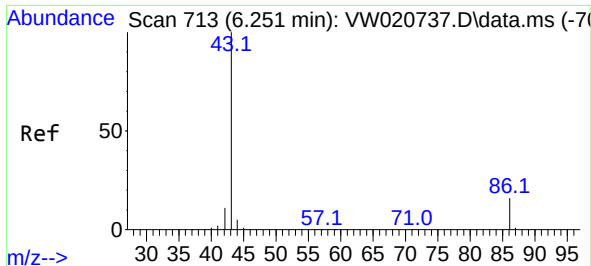


#22
Diisopropyl ether
Concen: 12.348 ug/l
RT: 6.305 min Scan# 722
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



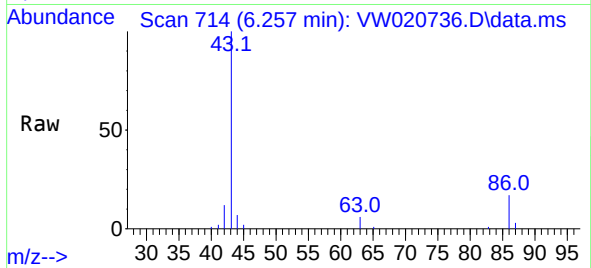
Tgt Ion: 45 Resp: 11325
Ion Ratio Lower Upper
45 100
43 66.7 44.3 66.5#
87 43.0 31.4 47.0
59 14.4 12.3 18.5





#23
 Vinyl Acetate
 Concen: 60.722 ug/l
 RT: 6.257 min Scan# 713
 Delta R.T. 0.006 min
 Lab File: VW020736.D
 Acq: 01 Nov 2021 15:42

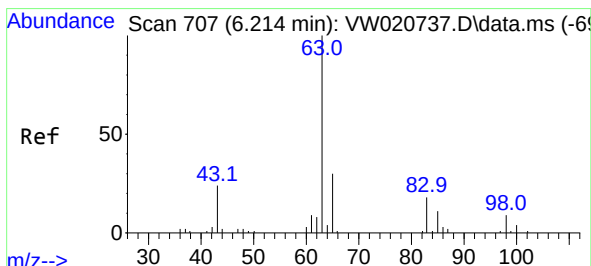
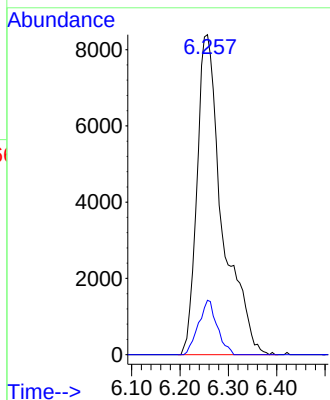
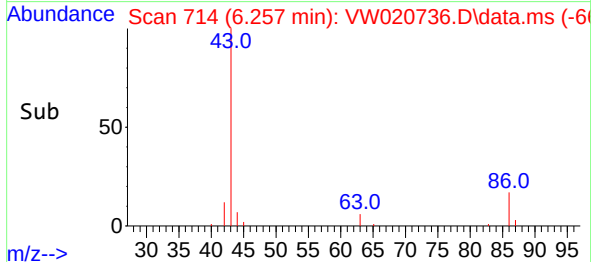
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 3055
 Ion Ratio Lower Upper
 43 100
 86 17.0 13.0 19.4

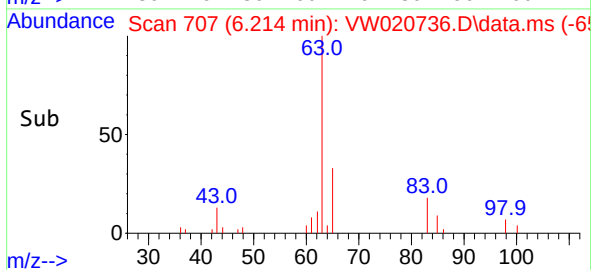
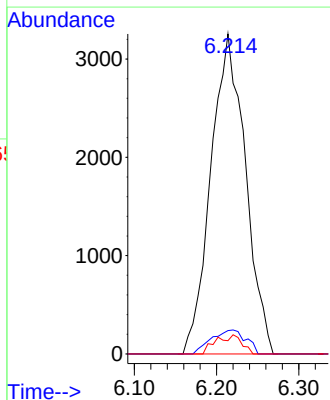
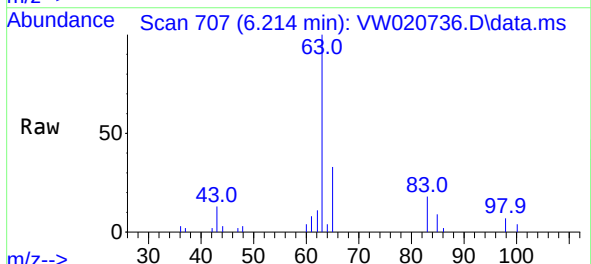
Manual Integrations
 APPROVED

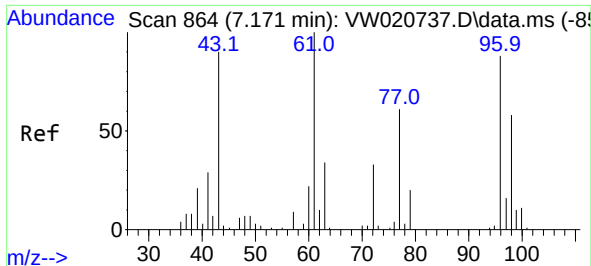
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#24
 1,1-Dichloroethane
 Concen: 15.570 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW020736.D
 Acq: 01 Nov 2021 15:42

Tgt Ion: 63 Resp: 9507
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.4 13.2
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 56.950 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 558

Ion Ratio Lower Upper

43 100

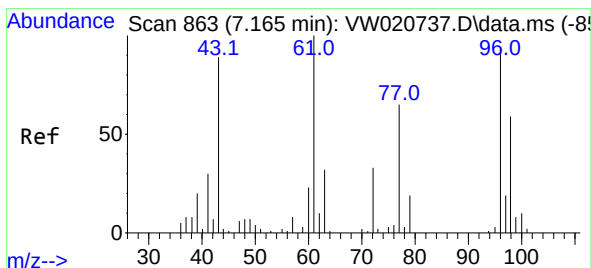
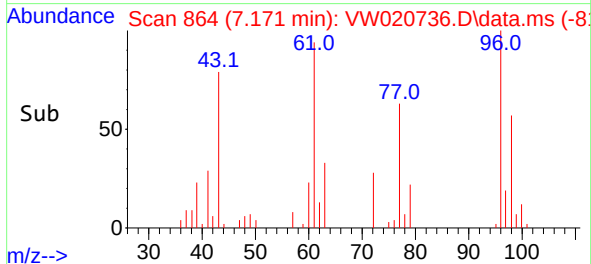
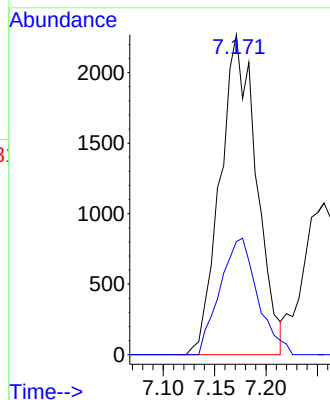
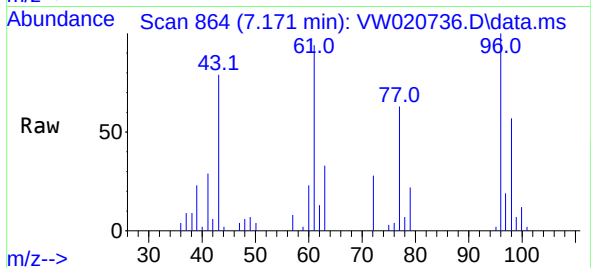
72 35.3 29.3 43.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#26

2,2-Dichloropropane

Concen: 16.710 ug/l

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW020736.D

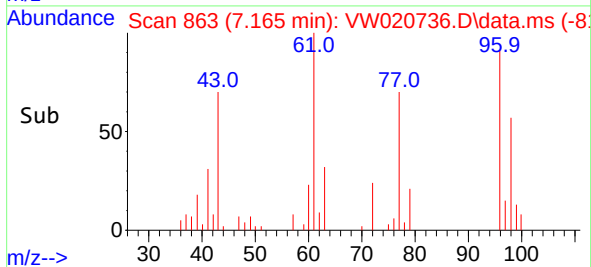
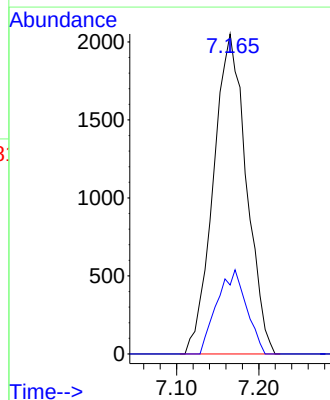
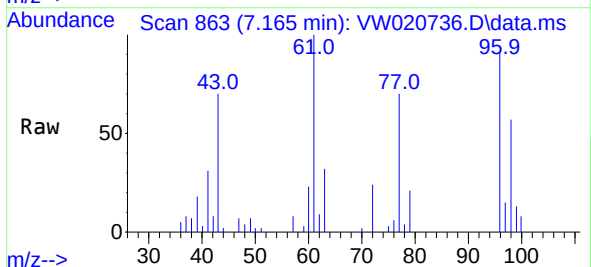
Acq: 01 Nov 2021 15:42

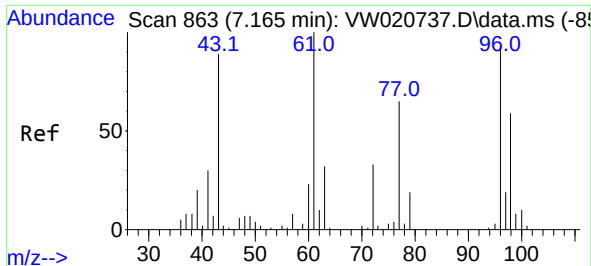
Tgt Ion: 77 Resp: 5722

Ion Ratio Lower Upper

77 100

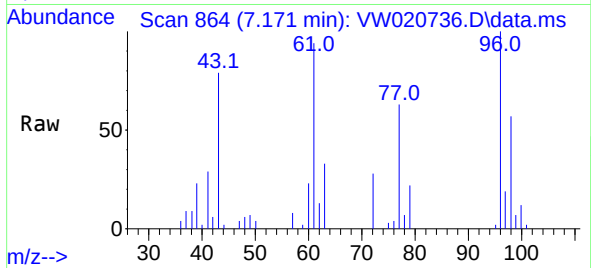
97 23.4 13.5 40.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.622 ug/l
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW020736.D
 Acq: 01 Nov 2021 15:42

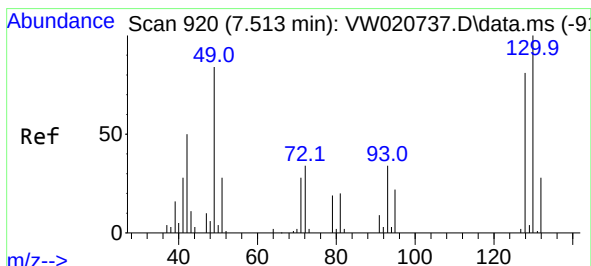
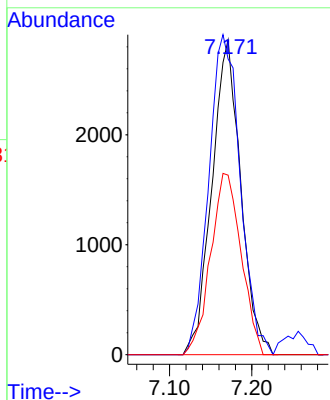
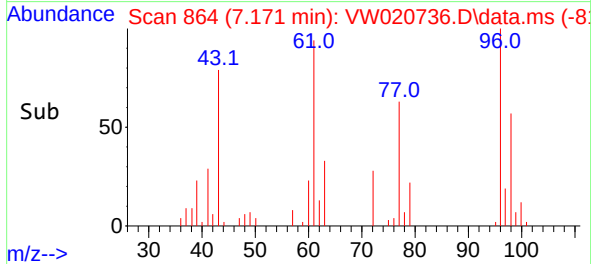
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020



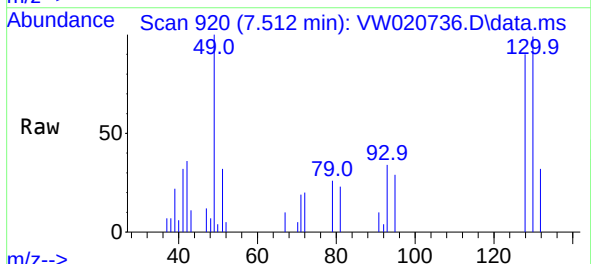
Tgt Ion: 96 Resp: 697
 Ion Ratio Lower Upper
 96 100
 61 111.0 0.0 234.8
 98 61.0 0.0 135.4

Manual Integrations
 APPROVED

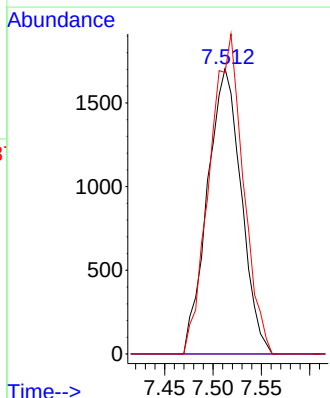
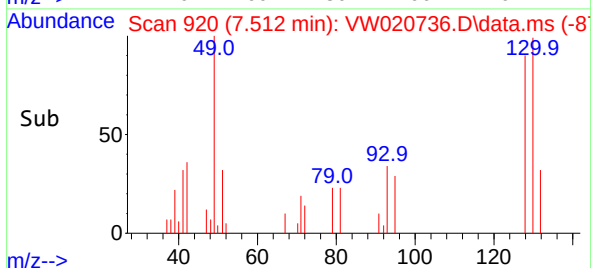
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

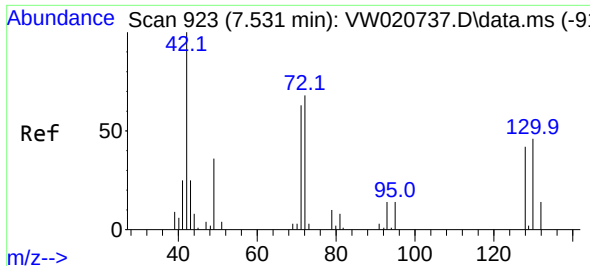


#28
 Bromochloromethane
 Concen: 14.749 ug/l
 RT: 7.512 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW020736.D
 Acq: 01 Nov 2021 15:42



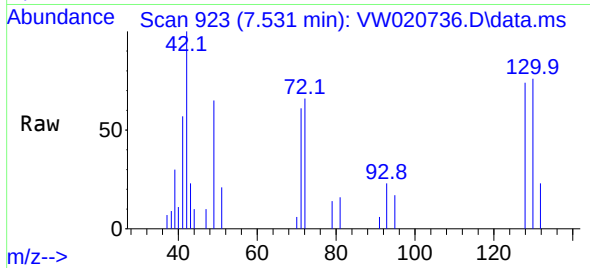
Tgt Ion: 49 Resp: 4140
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 7.6
 130 111.7 88.2 132.2





#29
Tetrahydrofuran
Concen: 56.449 ug/l
RT: 7.531 min Scan# 912
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

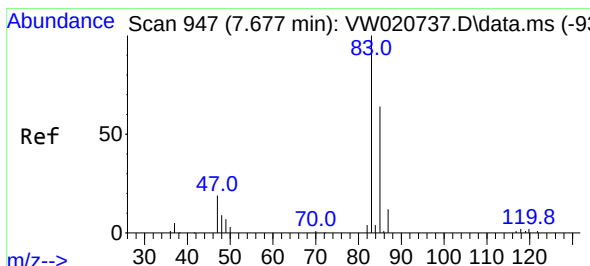
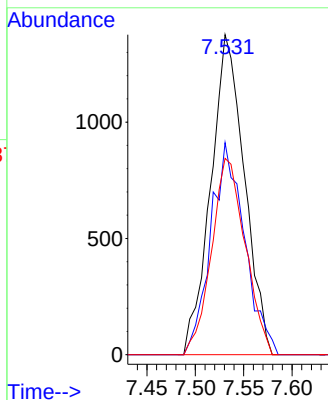
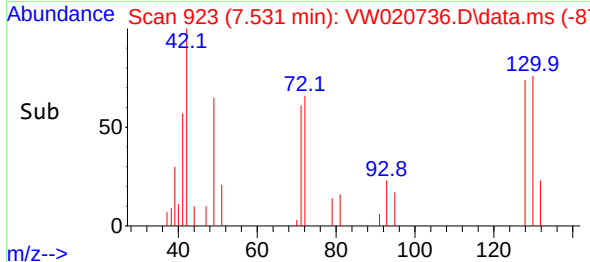
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



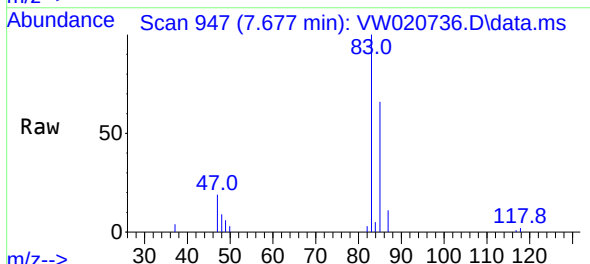
Tgt Ion: 42 Resp: 333
Ion Ratio Lower Upper
42 100
72 66.5 53.0 79.4
71 61.5 49.4 74.2

Manual Integrations
APPROVED

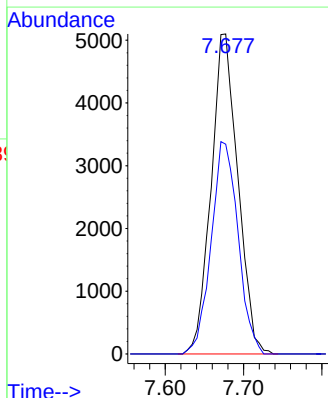
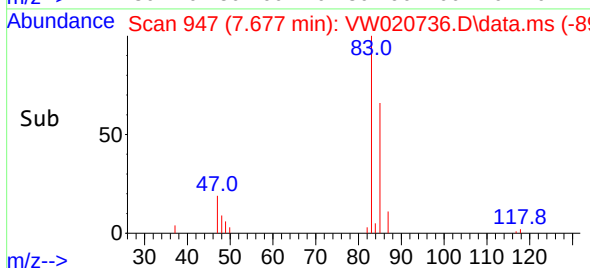
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

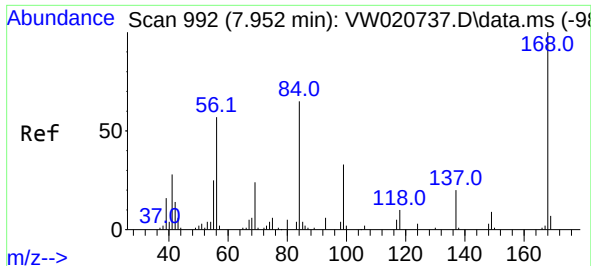


#30
Chloroform
Concen: 18.468 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



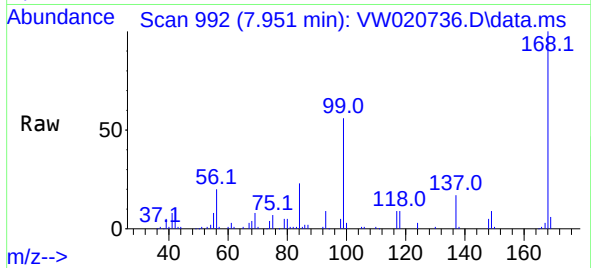
Tgt Ion: 83 Resp: 12125
Ion Ratio Lower Upper
83 100
85 65.6 51.2 76.8





#31
Cyclohexane
Concen: 13.004 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

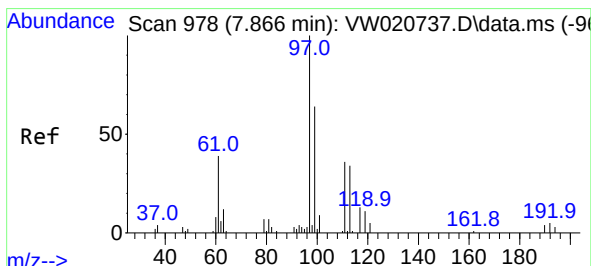
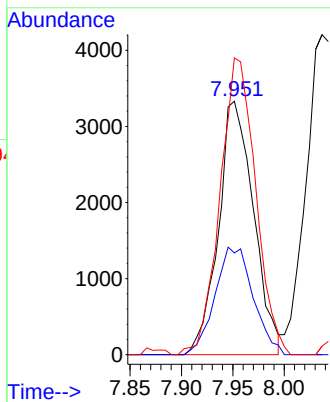
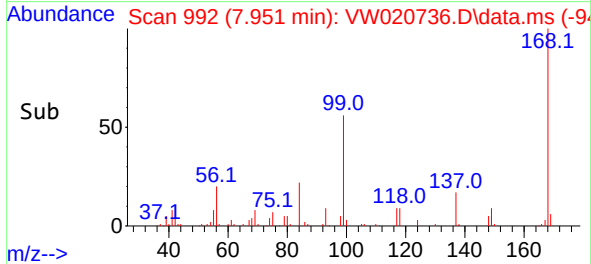
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



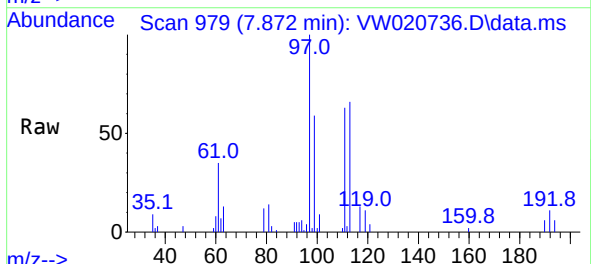
Tgt Ion: 56 Resp: 794
Ion Ratio Lower Upper
56 100
69 40.2 34.2 51.2
84 117.1 92.3 138.5

Manual Integrations
APPROVED

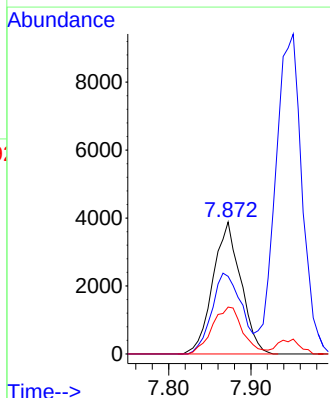
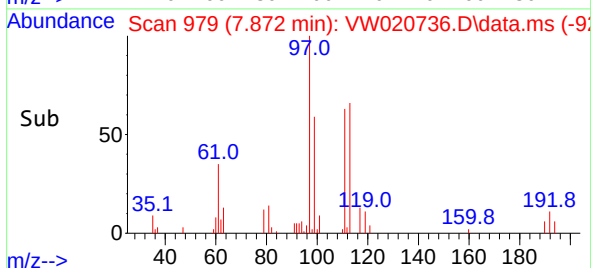
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

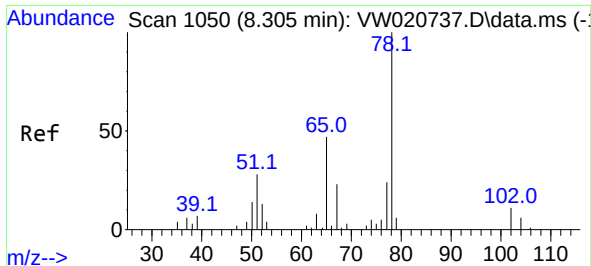


#32
1,1,1-Trichloroethane
Concen: 18.070 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion: 97 Resp: 9160
Ion Ratio Lower Upper
97 100
99 65.1 52.1 78.1
61 39.1 30.2 45.2





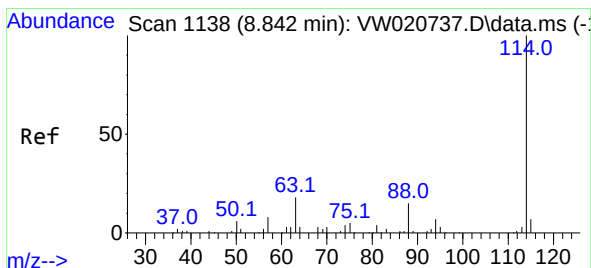
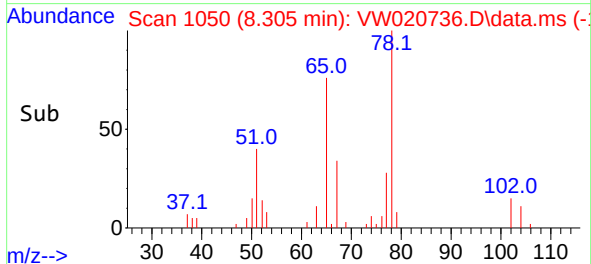
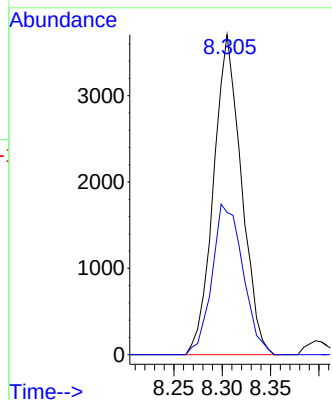
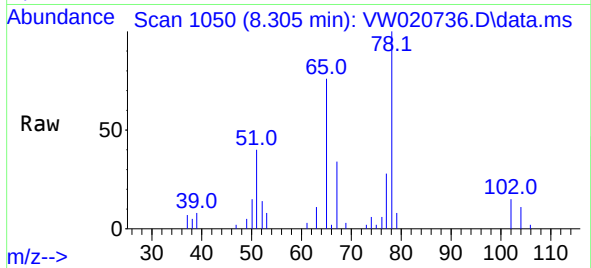
#33
1,2-Dichloroethane-d4
Concen: 19.838 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 7419
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.8

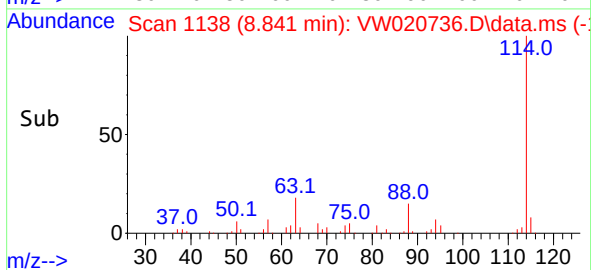
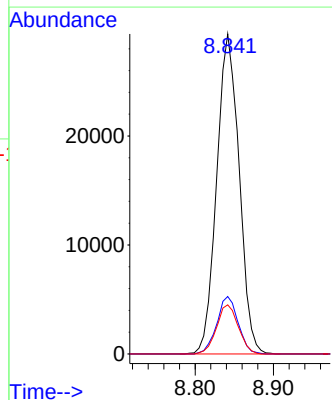
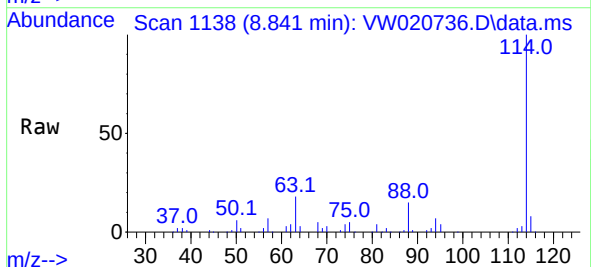
Manual Integrations
APPROVED

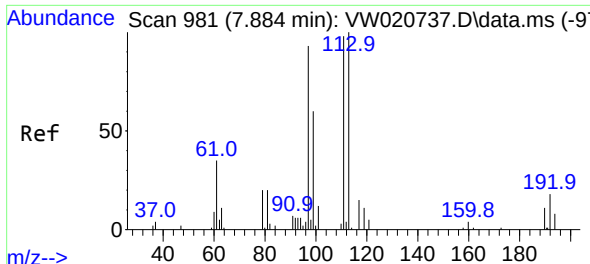
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

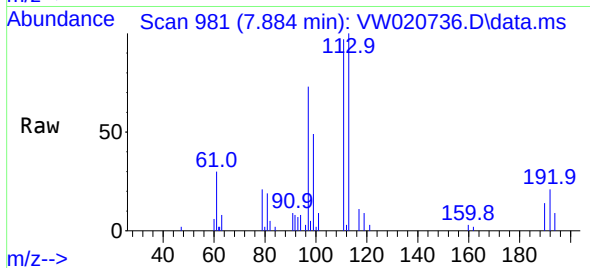
Tgt Ion:114 Resp: 58451
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.8
88 15.3 0.0 30.8





#35
Dibromofluoromethane
Concen: 23.335 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

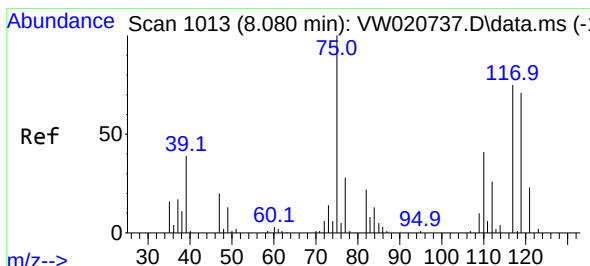
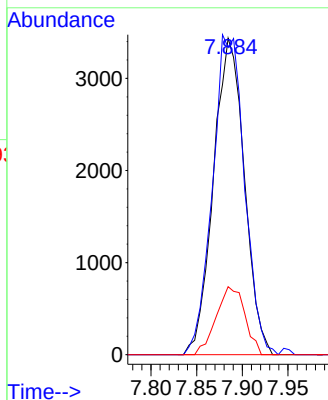
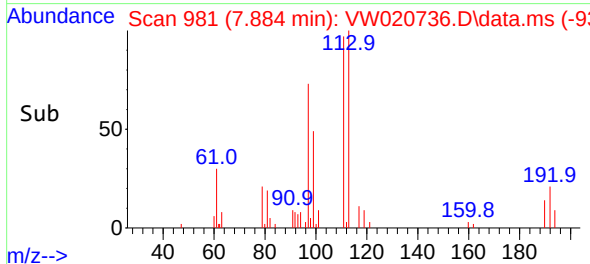
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



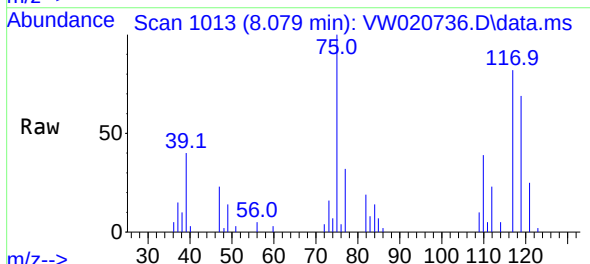
Tgt Ion: 113 Resp: 808
Ion Ratio Lower Upper
113 100
111 104.0 81.7 122.5
192 19.9 14.7 22.1

Manual Integrations
APPROVED

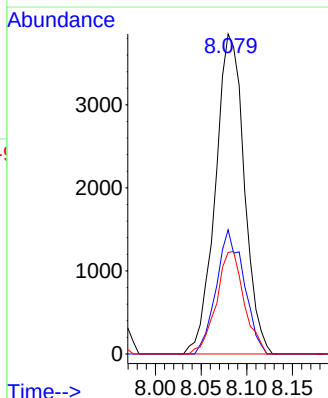
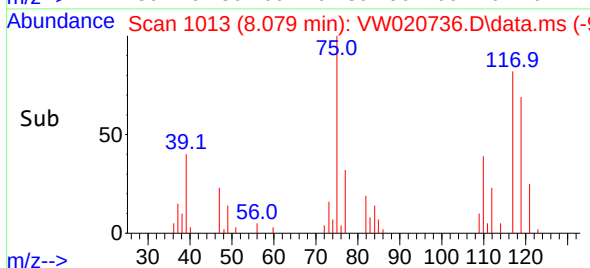
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

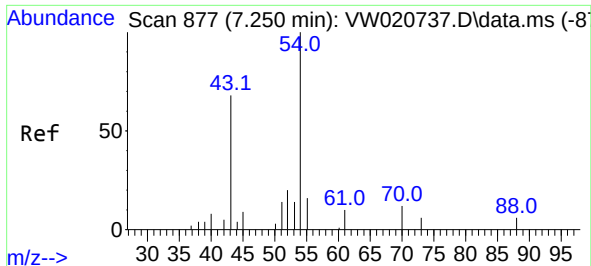


#36
1,1-Dichloropropene
Concen: 16.437 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



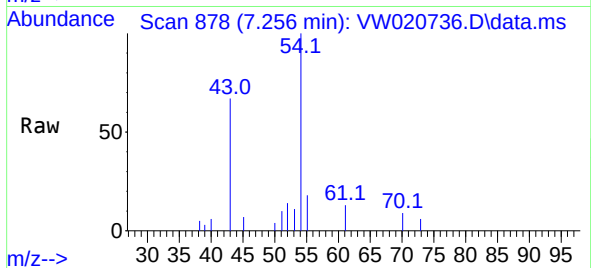
Tgt Ion: 75 Resp: 8460
Ion Ratio Lower Upper
75 100
110 37.2 20.3 60.8
77 30.9 24.2 36.4





#37
Ethyl Acetate
Concen: 13.438 ug/l
RT: 7.256 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

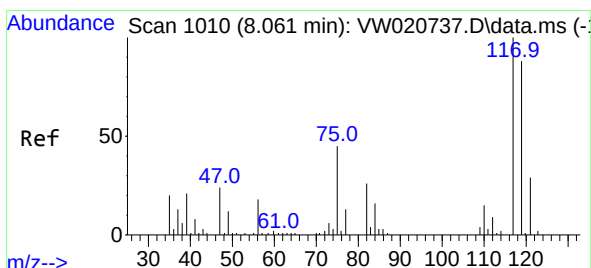
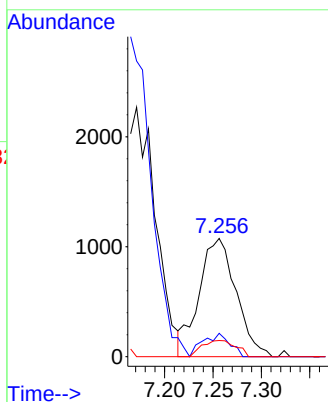
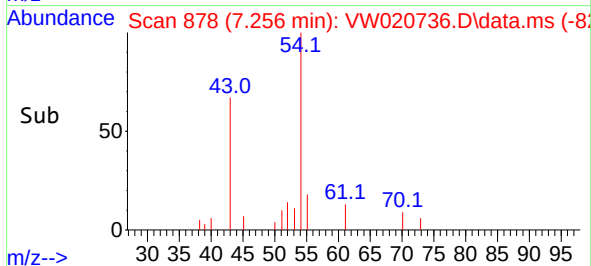
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 2864
Ion Ratio Lower Upper
43 100
61 14.3 13.4 20.0
70 12.4 11.4 17.0

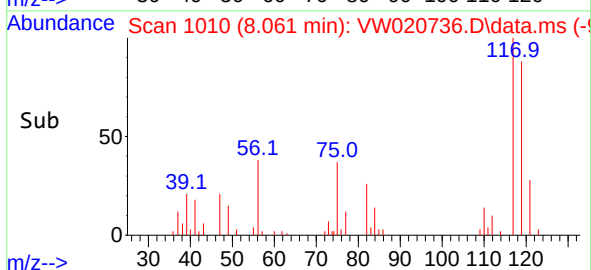
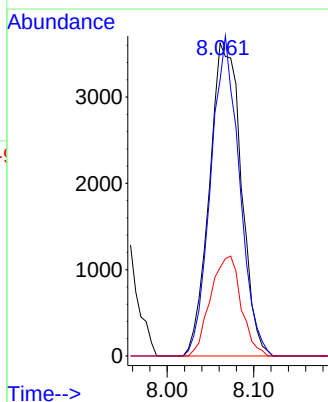
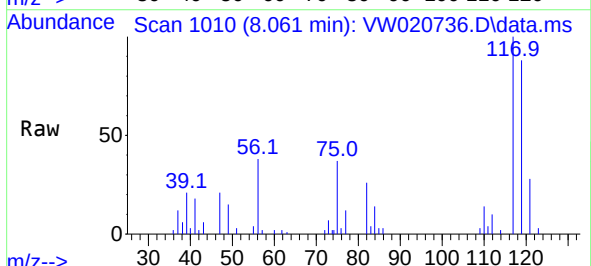
Manual Integrations
APPROVED

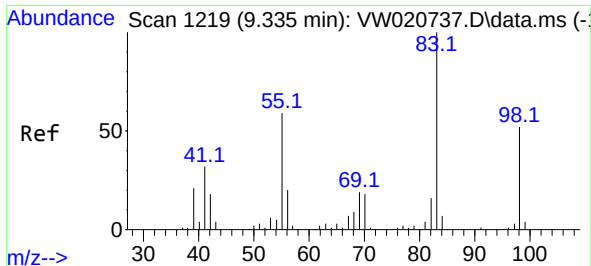
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#38
Carbon Tetrachloride
Concen: 19.009 ug/l
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion:117 Resp: 9225
Ion Ratio Lower Upper
117 100
119 88.3 70.6 106.0
121 28.3 23.3 34.9





#39

Methylcyclohexane

Concen: 15.455 ug/l

RT: 9.335 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

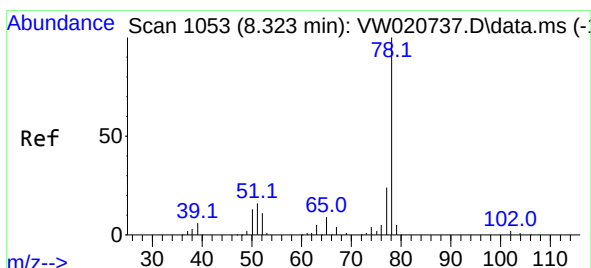
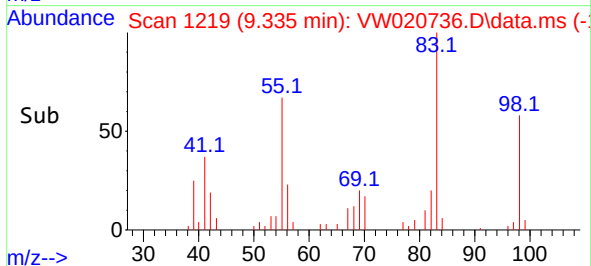
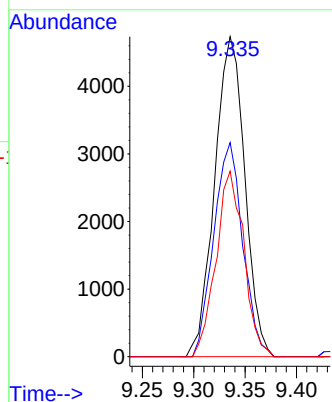
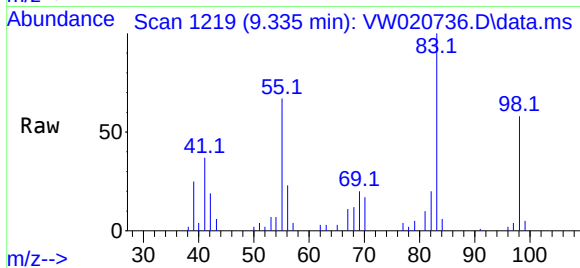
VSTDIC020

Tgt Ion: 83	Resp: 9660
Ion Ratio	Lower Upper
83 100	
55 66.9	47.4 71.0
98 57.9	41.8 62.6

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 16.535 ug/l

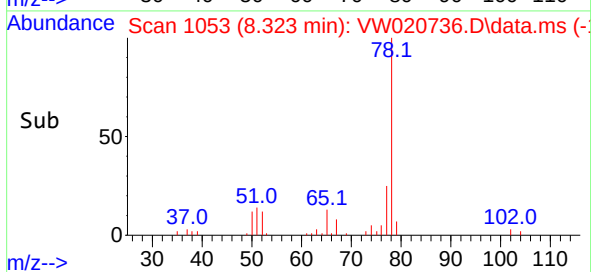
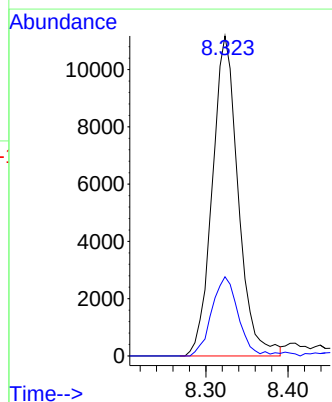
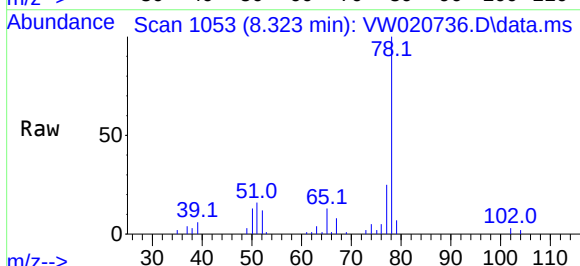
RT: 8.323 min Scan# 1053

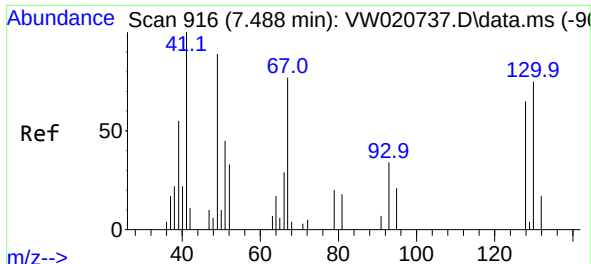
Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

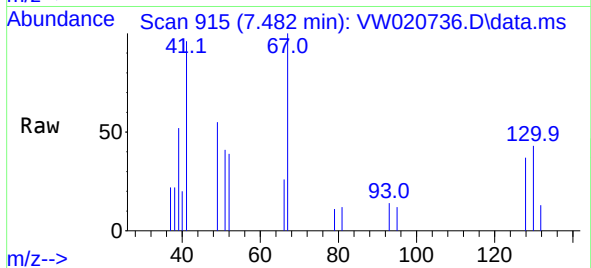
Tgt Ion: 78	Resp: 24448
Ion Ratio	Lower Upper
78 100	
77 24.8	19.0 28.4





#41
Methacrylonitrile
Concen: 10.812 ug/l
RT: 7.482 min Scan# 916
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

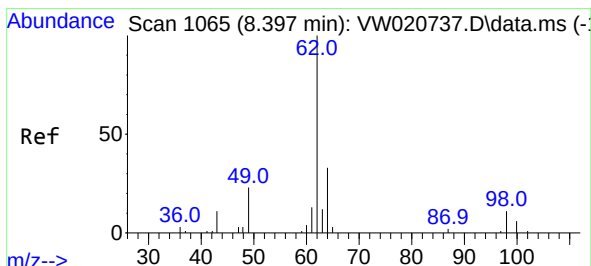
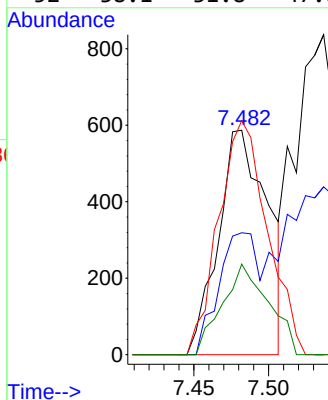
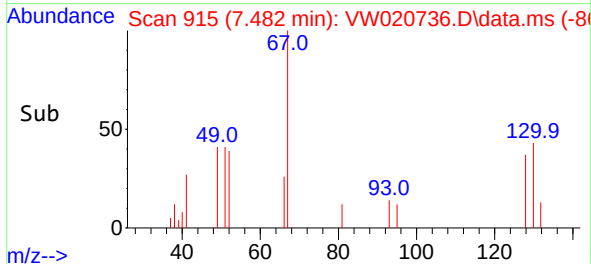
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 134
Ion Ratio Lower Upper
41 100
39 43.5 51.6 77.4
67 103.4 81.0 121.4
52 38.1 31.8 47.8

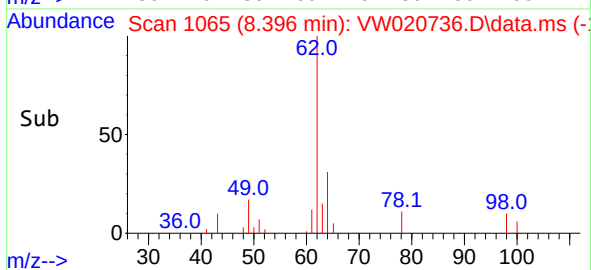
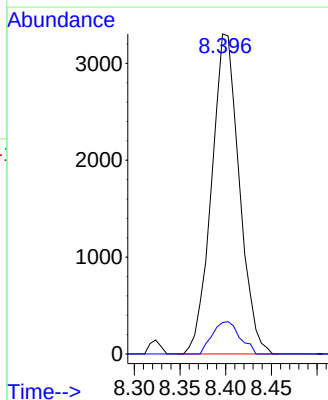
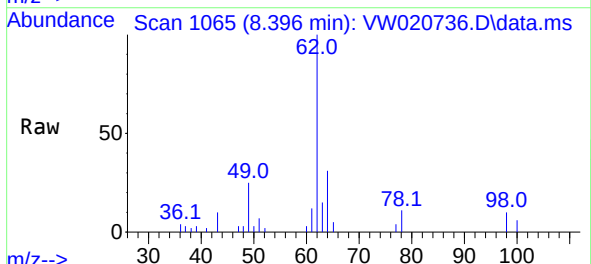
Manual Integrations
APPROVED

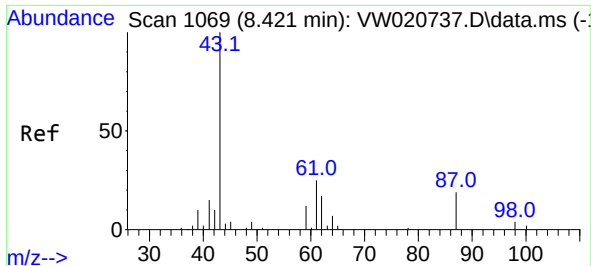
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#42
1,2-Dichloroethane
Concen: 15.519 ug/l
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion: 62 Resp: 6986
Ion Ratio Lower Upper
62 100
98 9.9 0.0 21.6





#43

Isopropyl Acetate

Concen: 12.559 ug/l

RT: 8.427 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

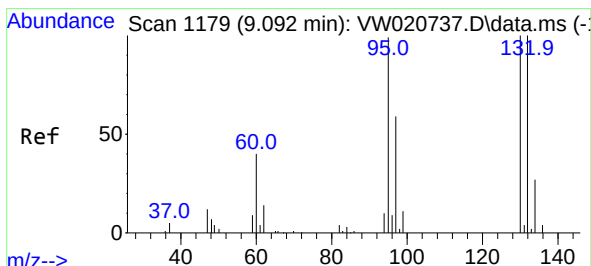
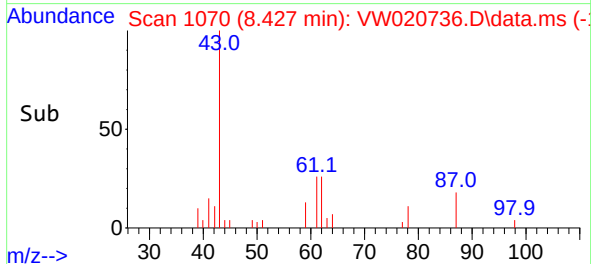
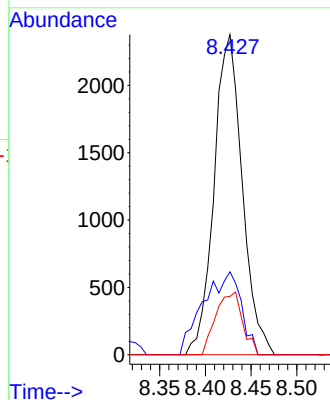
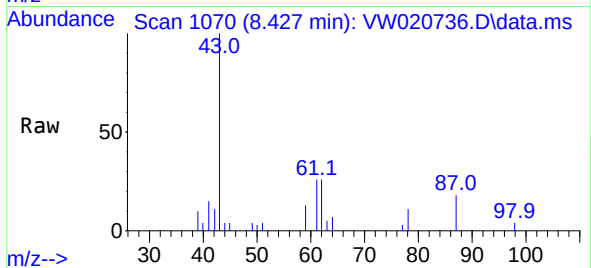
Tgt Ion: 43 Resp: 5109

Ion	Ratio	Lower	Upper
43	100		
61	34.8	30.0	45.0
87	18.4	15.0	22.4

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 19.126 ug/l

RT: 9.091 min Scan# 1179

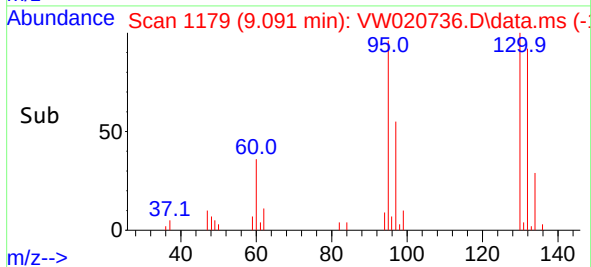
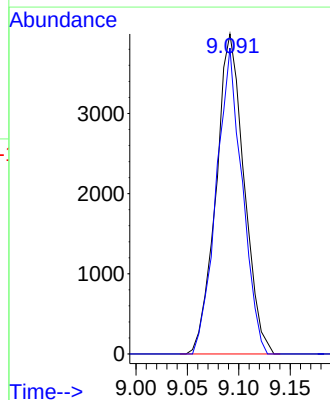
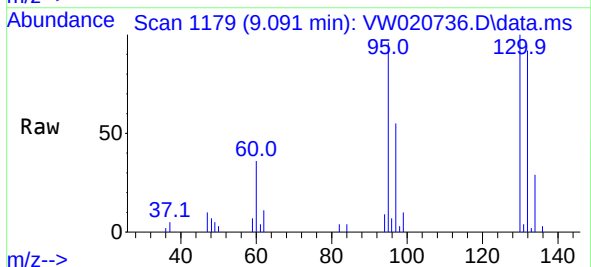
Delta R.T. -0.000 min

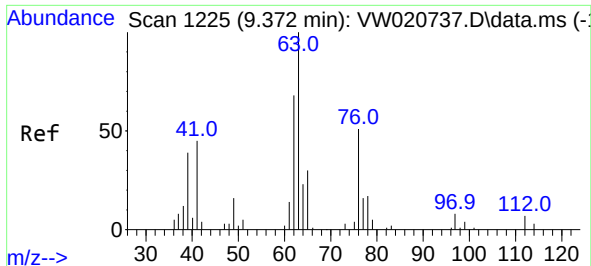
Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Tgt Ion:130 Resp: 7557

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	198.6





#45

1,2-Dichloropropane

Concen: 16.309 ug/l

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 561

Ion Ratio Lower Upper

63 100

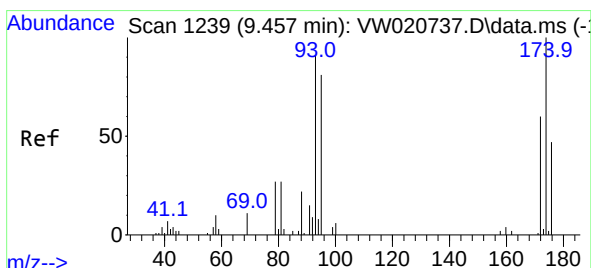
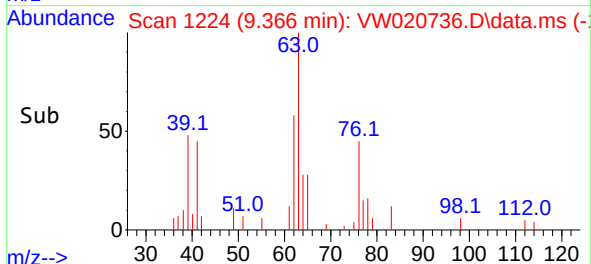
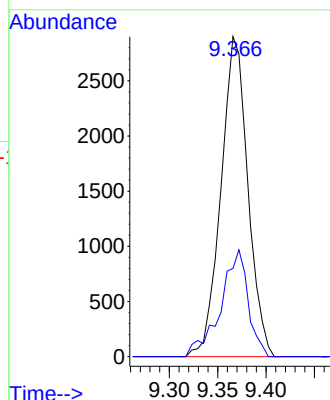
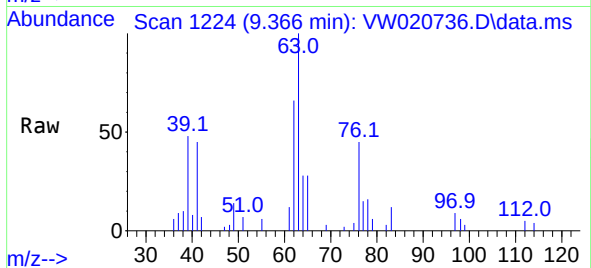
65 27.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#46

Dibromomethane

Concen: 19.408 ug/l

RT: 9.463 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

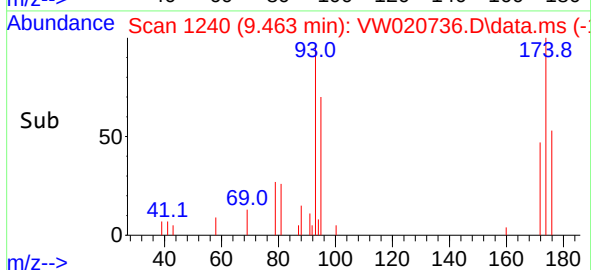
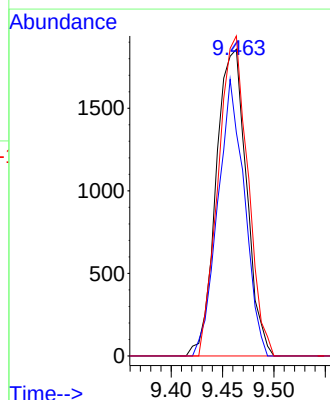
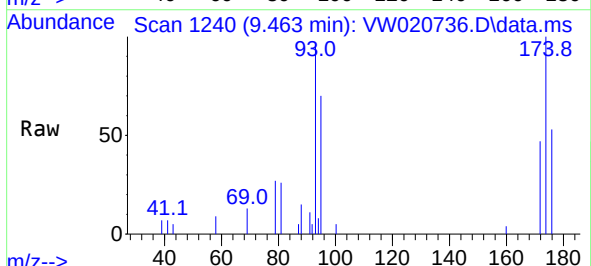
Tgt Ion: 93 Resp: 3807

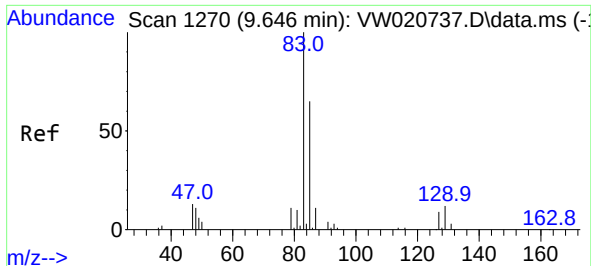
Ion Ratio Lower Upper

93 100

95 79.4 68.6 103.0

174 101.6 87.8 131.8





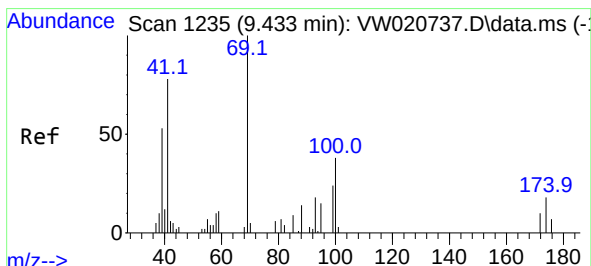
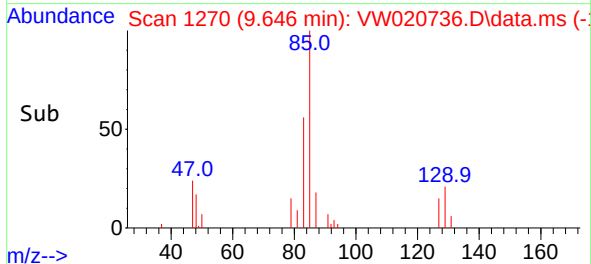
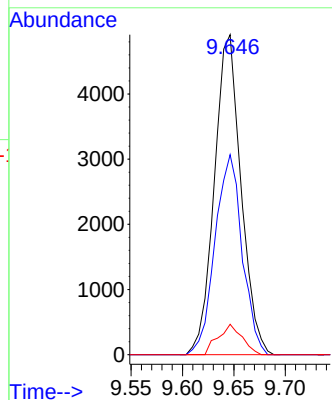
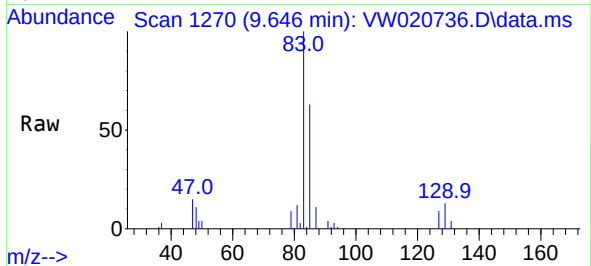
#47
Bromodichloromethane
Concen: 18.037 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 885
Ion Ratio Lower Upper
83 100
85 62.5 51.9 77.9
127 9.5 7.6 11.4

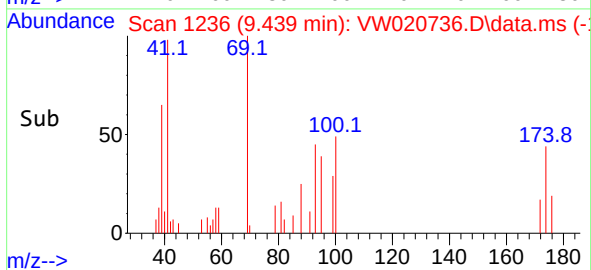
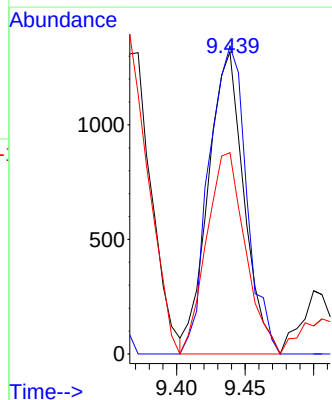
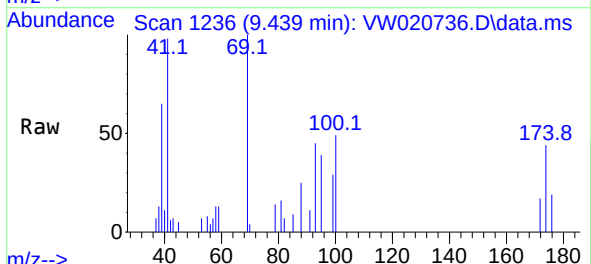
Manual Integrations
APPROVED

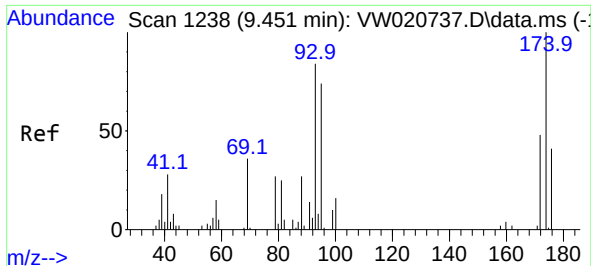
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#48
Methyl methacrylate
Concen: 12.071 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion: 41 Resp: 2394
Ion Ratio Lower Upper
41 100
69 107.2 96.4 144.6
39 71.9 51.9 77.9





#49

1,4-Dioxane

Concen: 350.853 ug/l

RT: 9.457 min Scan# 1238

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 932

Ion Ratio Lower Upper

88 100

43 25.8 19.0 28.6

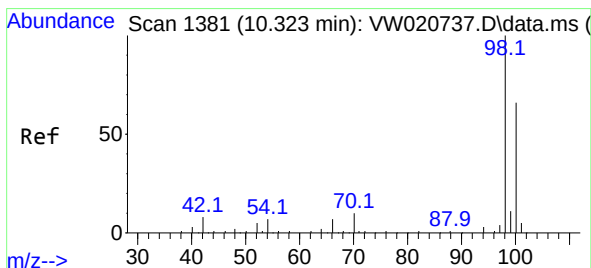
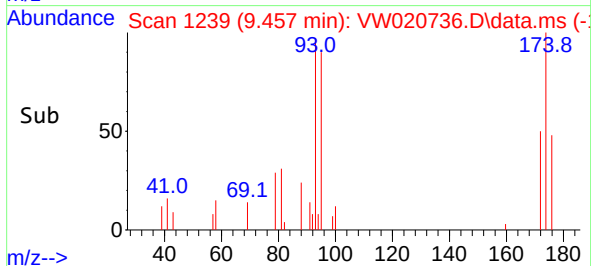
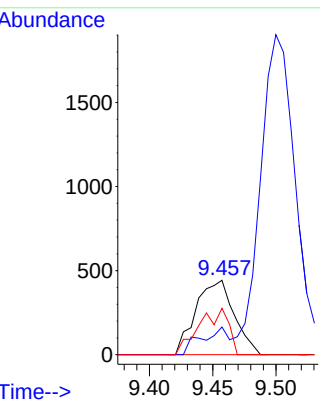
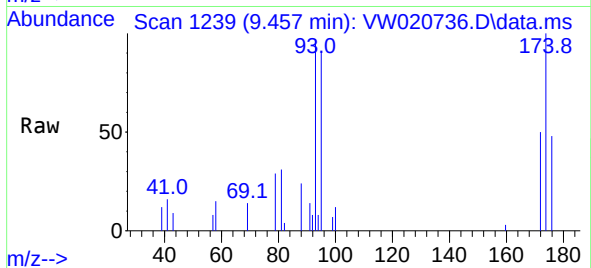
58 48.5 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#50

Toluene-d8

Concen: 22.548 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW020736.D

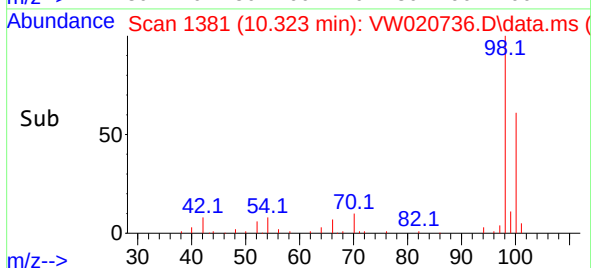
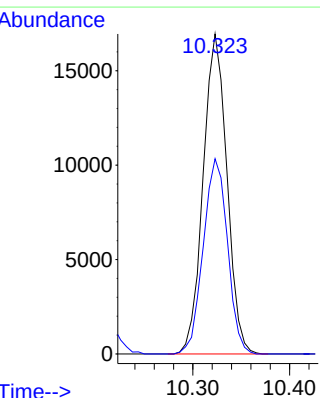
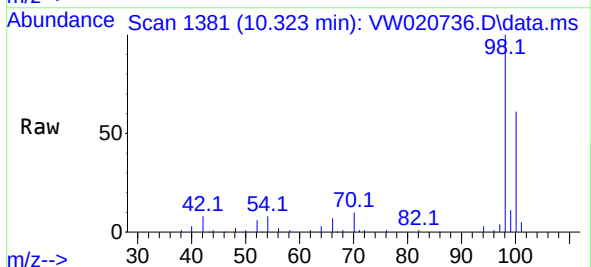
Acq: 01 Nov 2021 15:42

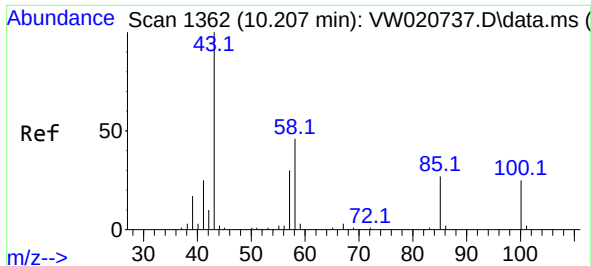
Tgt Ion: 98 Resp: 28919

Ion Ratio Lower Upper

98 100

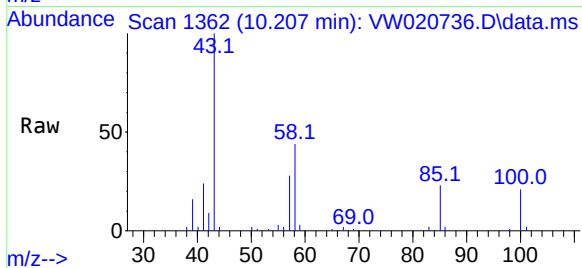
100 62.1 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 64.009 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

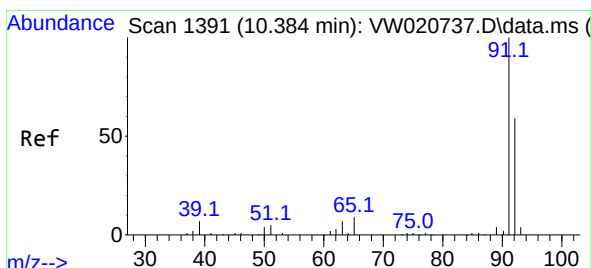
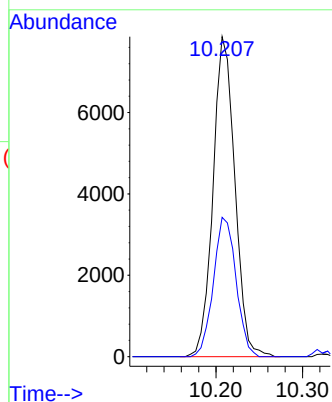
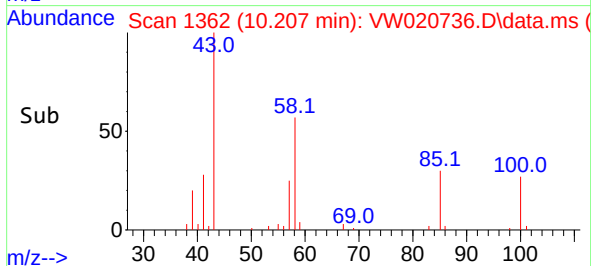
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



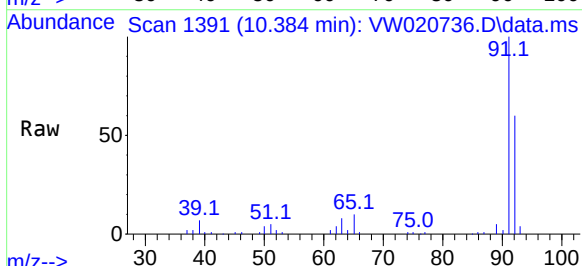
Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 45.1 37.4 56.2

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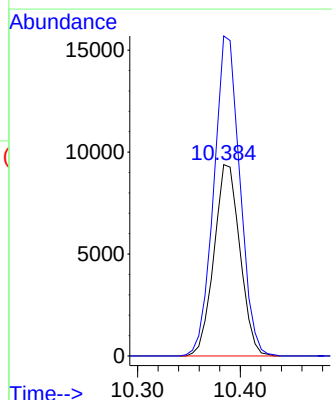
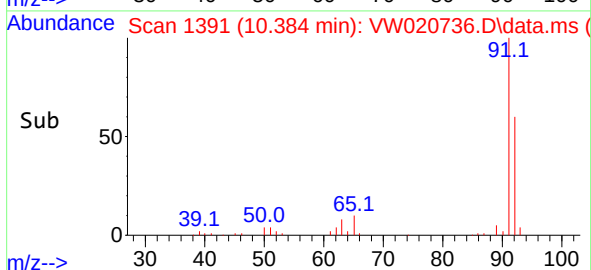
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

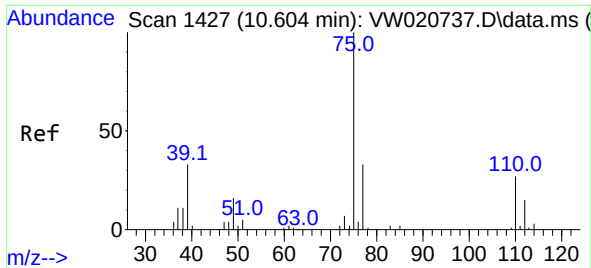


#52
Toluene
Concen: 18.093 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion: 92 Resp: 16453
Ion Ratio Lower Upper
92 100
91 167.8 144.3 216.5





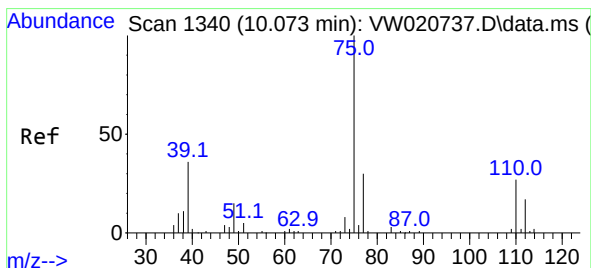
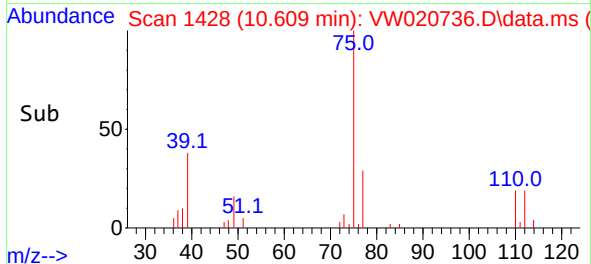
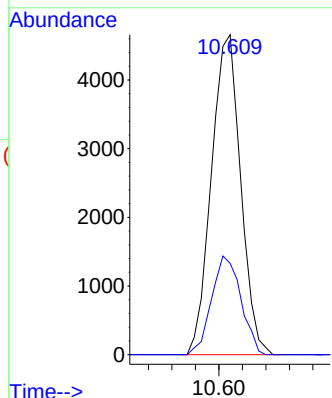
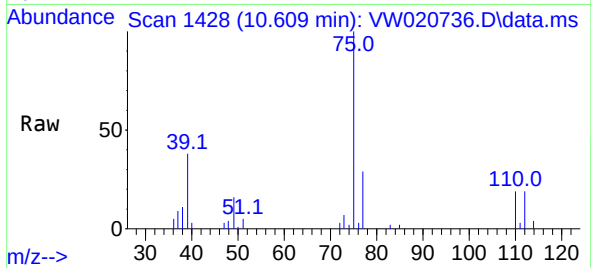
#53
t-1,3-Dichloropropene
Concen: 16.519 ug/l
RT: 10.609 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 803
Ion Ratio Lower Upper
75 100
77 28.5 26.1 39.1

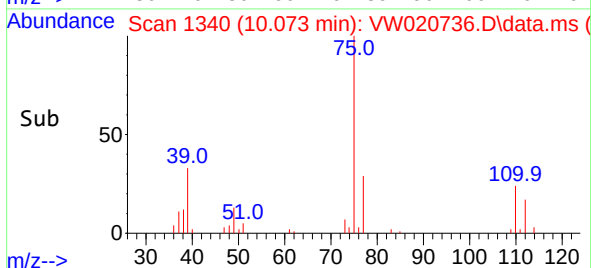
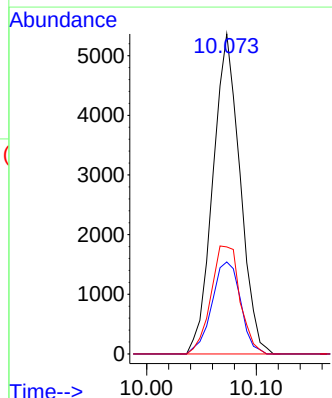
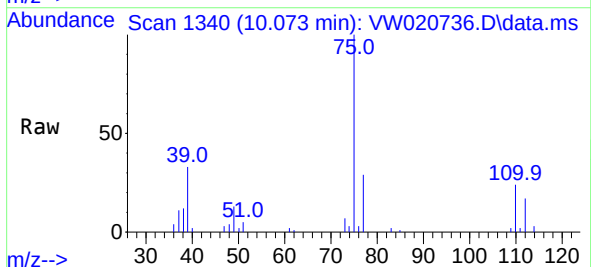
Manual Integrations
APPROVED

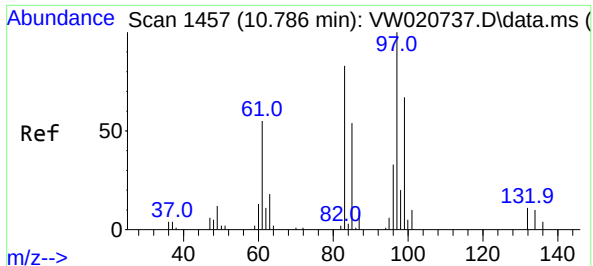
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#54
cis-1,3-Dichloropropene
Concen: 16.563 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion: 75 Resp: 9217
Ion Ratio Lower Upper
75 100
77 28.7 24.2 36.4
39 33.5 29.2 43.8





#55

1,1,2-Trichloroethane

Concen: 18.993 ug/l

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 520

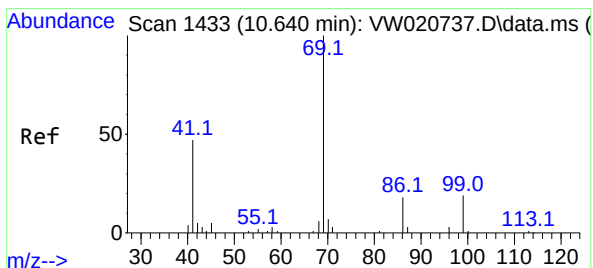
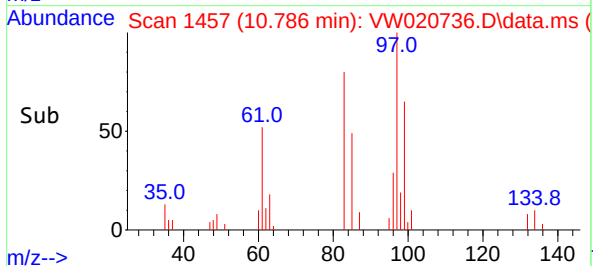
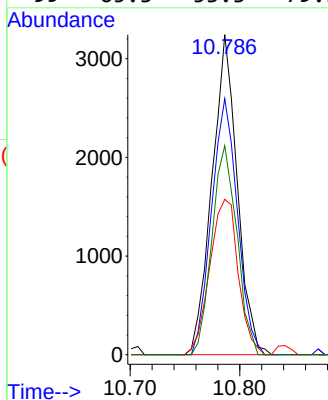
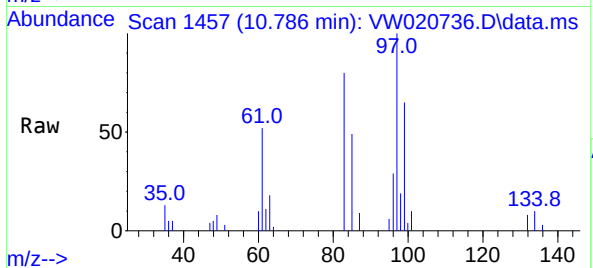
Ion	Ratio	Lower	Upper
97	100		
83	80.0	66.5	99.7
85	48.6	43.0	64.6
99	65.3	53.3	79.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#56

Ethyl methacrylate

Concen: 16.129 ug/l

RT: 10.646 min Scan# 1434

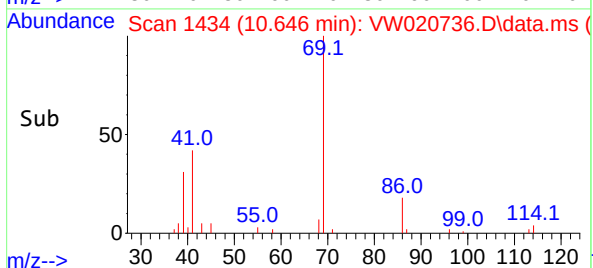
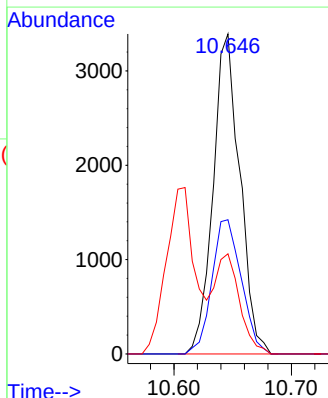
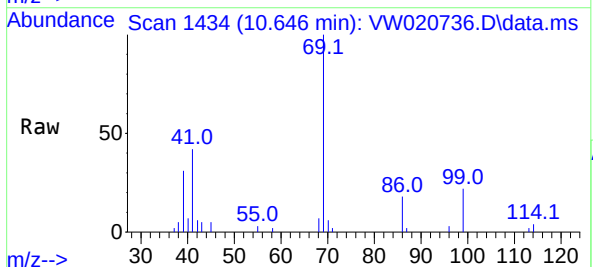
Delta R.T. 0.006 min

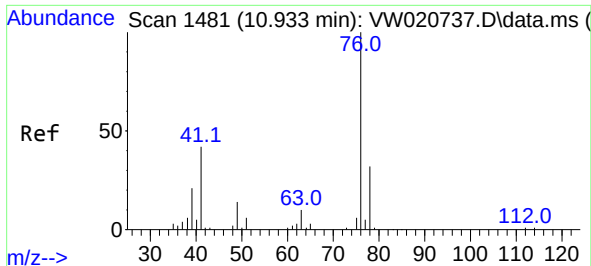
Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Tgt Ion: 69 Resp: 5359

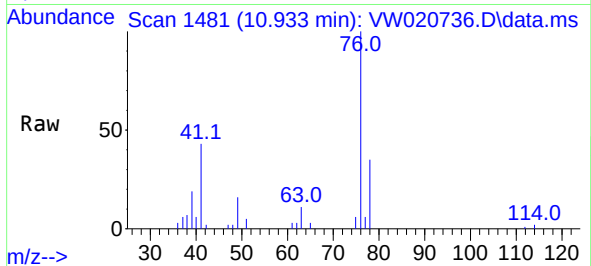
Ion	Ratio	Lower	Upper
69	100		
41	46.2	39.2	58.8
39	29.4	26.5	39.7





#57
1,3-Dichloropropane
Concen: 17.501 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

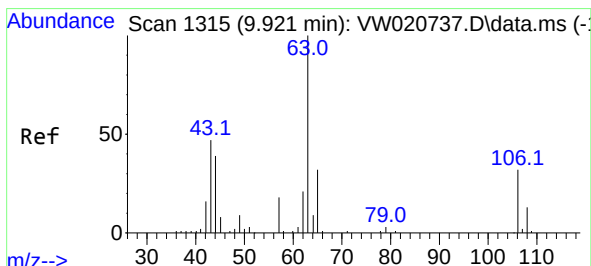
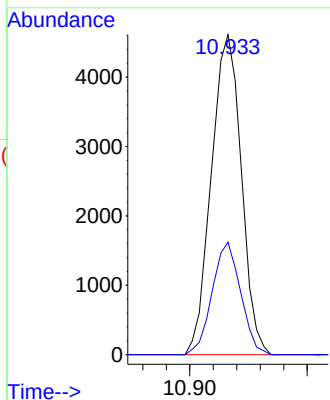
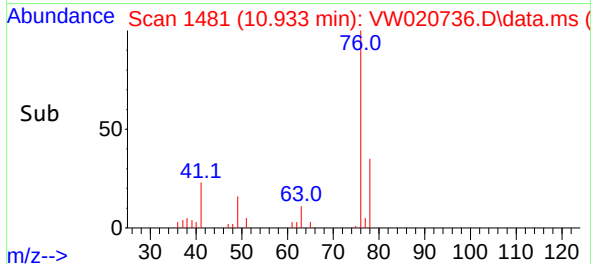
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



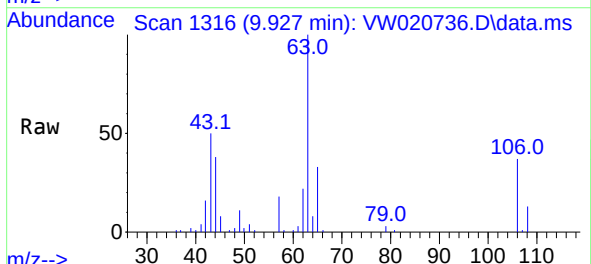
Tgt Ion: 76 Resp: 817
Ion Ratio Lower Upper
76 100
78 33.4 26.7 40.1

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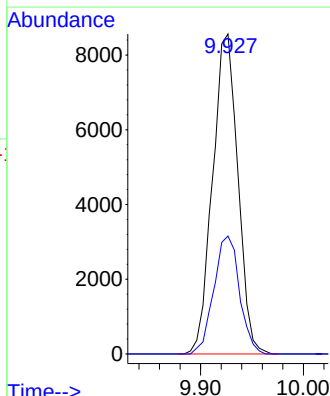
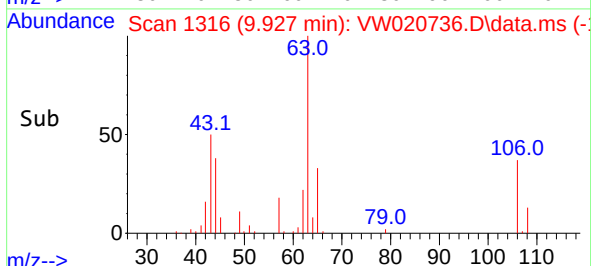
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

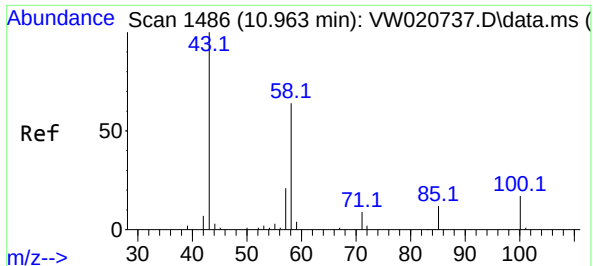


#58
2-Chloroethyl Vinyl ether
Concen: 93.412 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion: 63 Resp: 14614
Ion Ratio Lower Upper
63 100
106 37.4 27.4 41.0





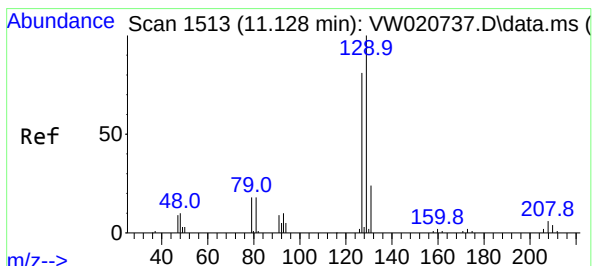
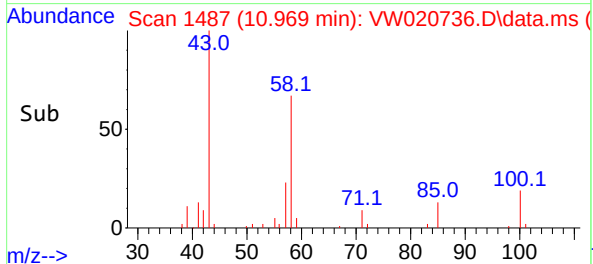
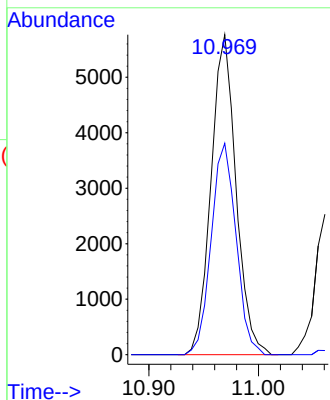
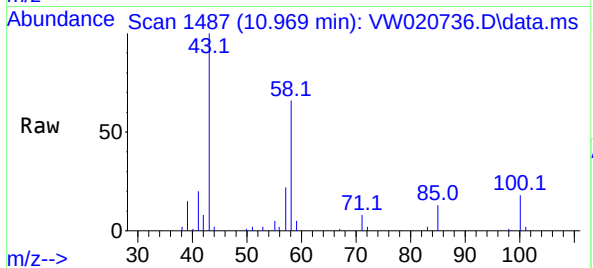
#59
2-Hexanone
Concen: 60.173 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 65.7 32.5 97.4

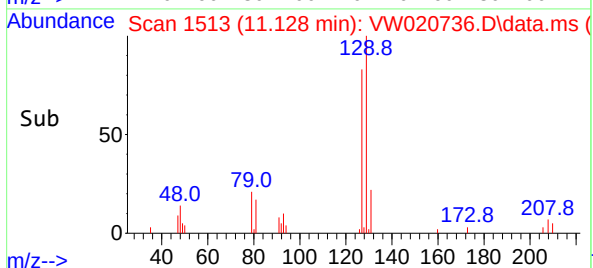
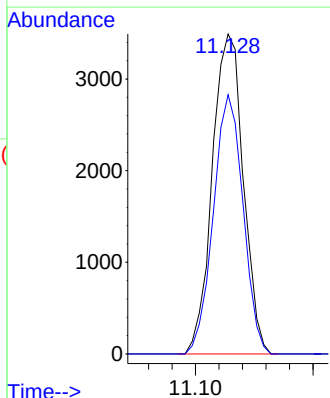
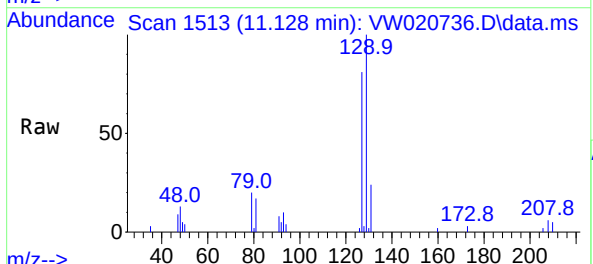
Manual Integrations
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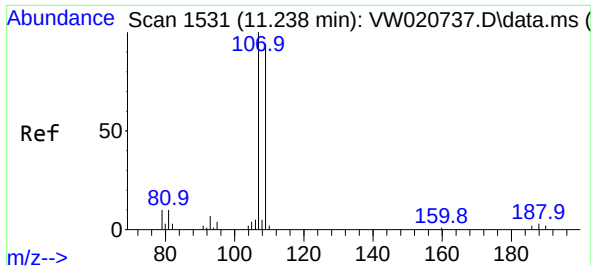
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#60
Dibromochloromethane
Concen: 19.446 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion:129 Resp: 6398
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1





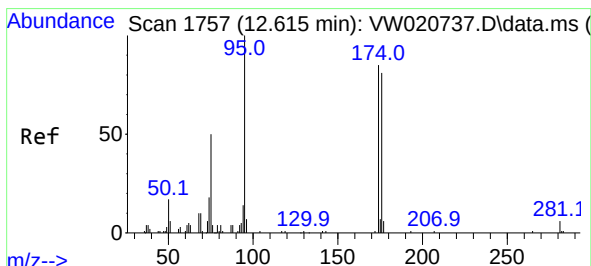
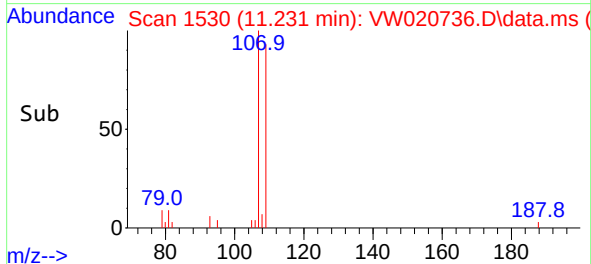
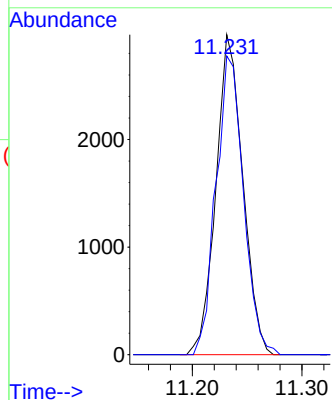
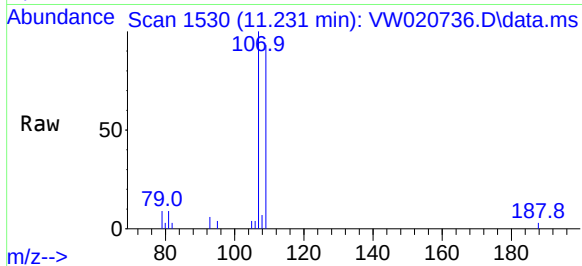
#61
1,2-Dibromoethane
Concen: 19.066 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 506
Ion Ratio Lower Upper
107 100
109 95.5 75.0 112.6

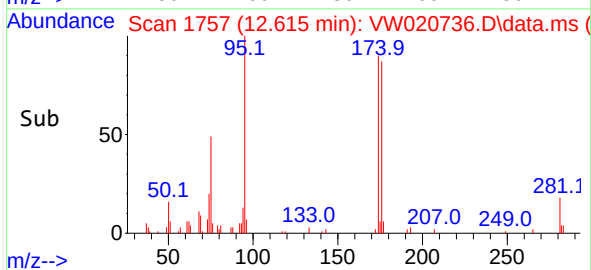
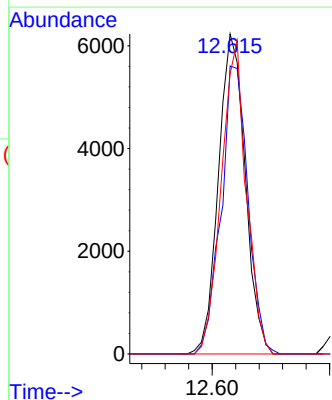
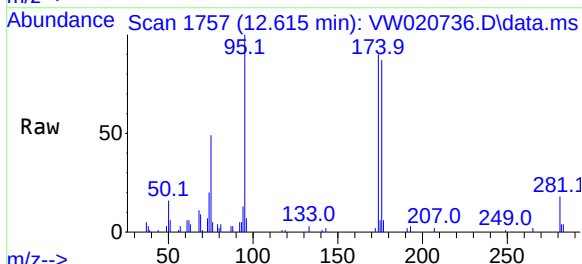
Manual Integrations
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Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

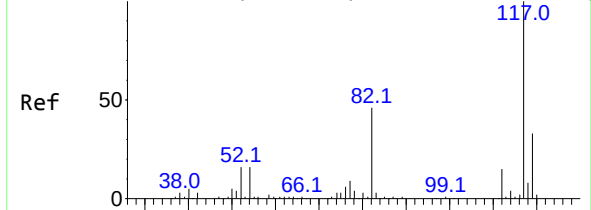


#62
4-Bromofluorobenzene
Concen: 20.505 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion: 95 Resp: 9858
Ion Ratio Lower Upper
95 100
174 90.6 0.0 182.8
176 91.7 0.0 170.4

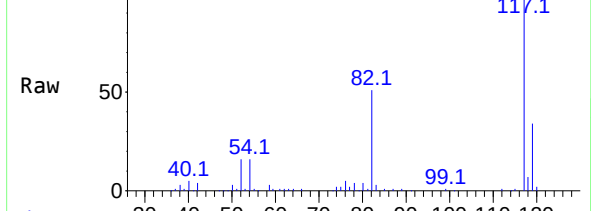


Abundance Scan 1596 (11.634 min): VW020737.D\data.ms (



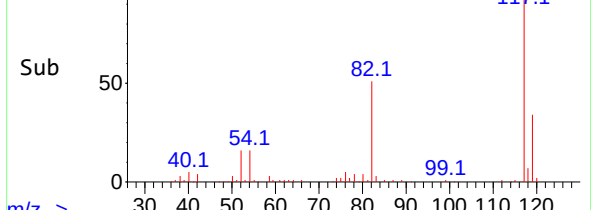
m/z-->

Abundance Scan 1595 (11.628 min): VW020736.D\data.ms



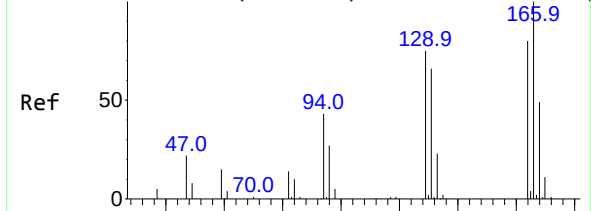
m/z-->

Abundance Scan 1595 (11.628 min): VW020736.D\data.ms (



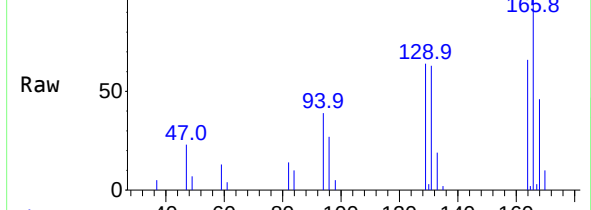
m/z-->

Abundance Scan 1470 (10.866 min): VW020737.D\data.ms (



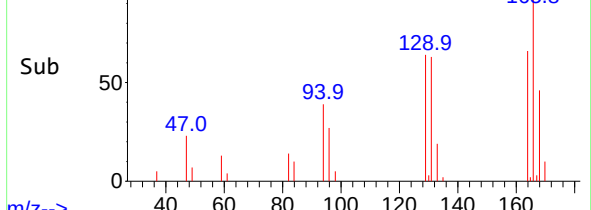
m/z-->

Abundance Scan 1470 (10.866 min): VW020736.D\data.ms



m/z-->

Abundance Scan 1470 (10.866 min): VW020736.D\data.ms (



m/z-->

#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.628 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Tgt Ion:117 Resp: 5587

Ion Ratio Lower Upper

117 100

82 51.5 37.0 55.4

119 33.8 26.0 39.0

Instrument :

MSVOA_W

ClientSampleId :

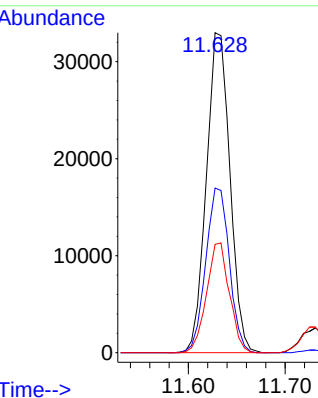
VSTDICC020

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#64

Tetrachloroethene

Concen: 17.018 ug/l

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Tgt Ion:164 Resp: 6054

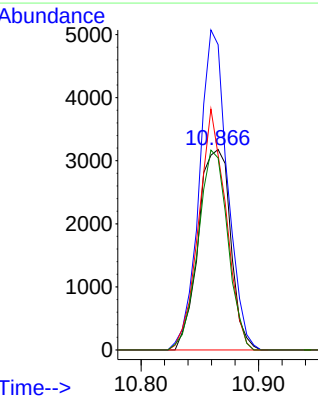
Ion Ratio Lower Upper

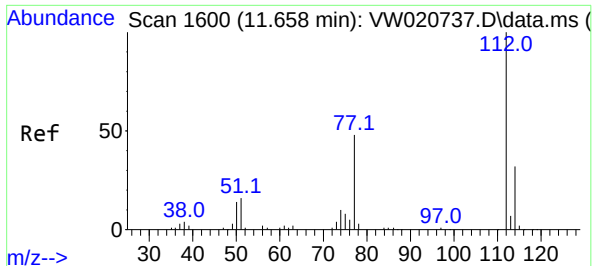
164 100

166 152.2 100.5 150.7#

129 97.2 75.5 113.3

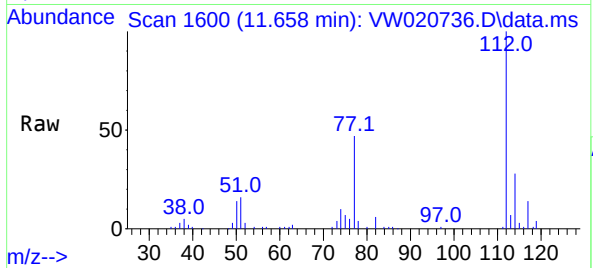
131 95.8 66.0 99.0





#65
Chlorobenzene
Concen: 18.508 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

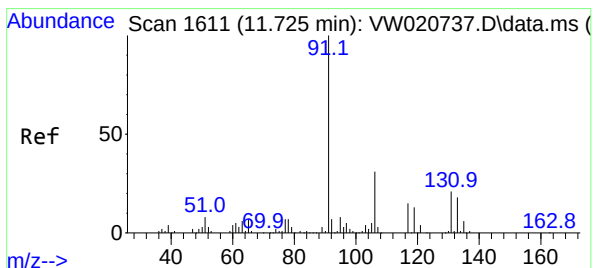
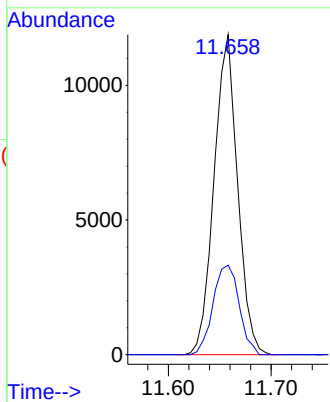
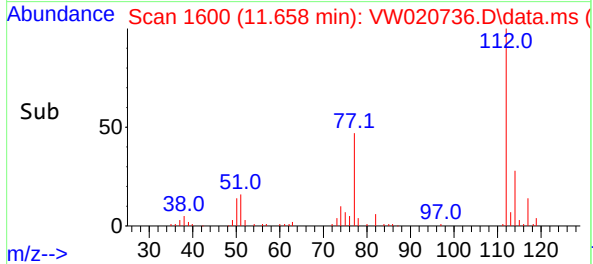
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



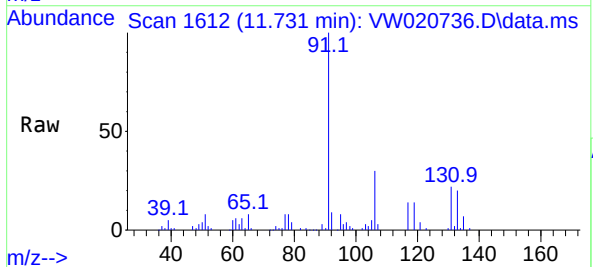
Tgt Ion:112 Resp: 1884
Ion Ratio Lower Upper
112 100
114 27.9 25.9 38.9

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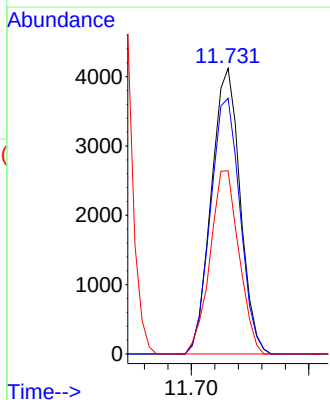
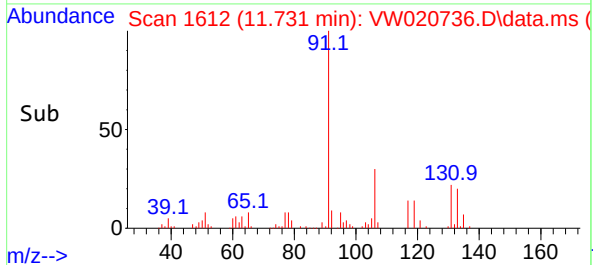
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

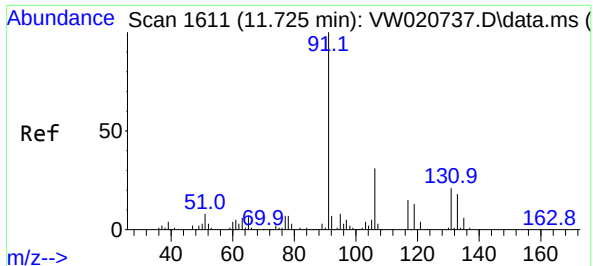


#66
1,1,1,2-Tetrachloroethane
Concen: 18.809 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion:131 Resp: 7018
Ion Ratio Lower Upper
131 100
133 91.7 45.9 137.6
119 64.3 32.1 96.3





#67

Ethyl Benzene

Concen: 17.111 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 3104

Ion Ratio Lower Upper

91 100

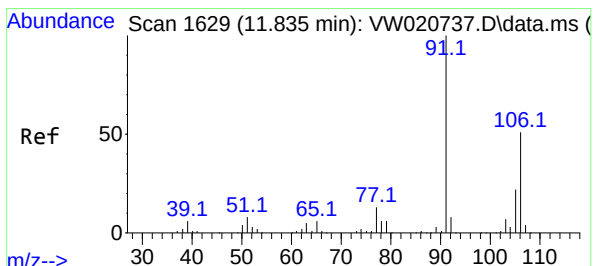
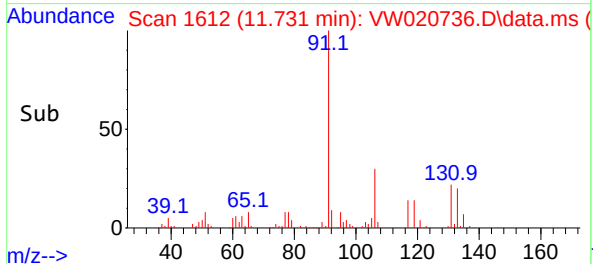
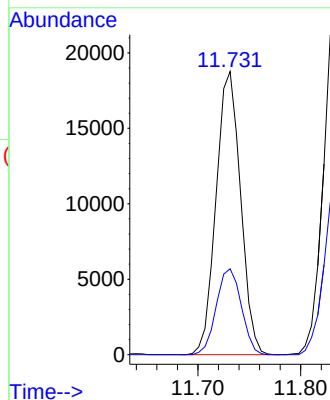
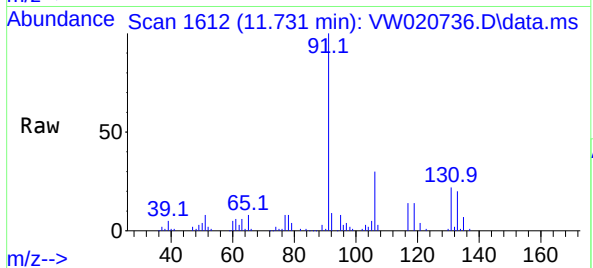
106 30.4 24.5 36.7

Manual Integrations

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Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#68

m/p-Xylenes

Concen: 35.043 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW020736.D

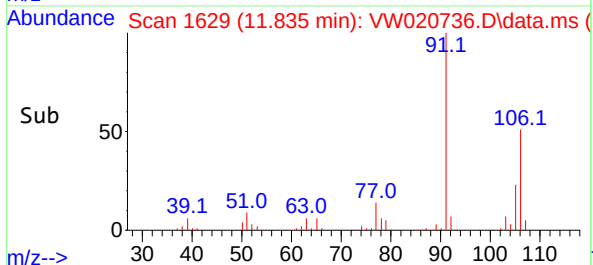
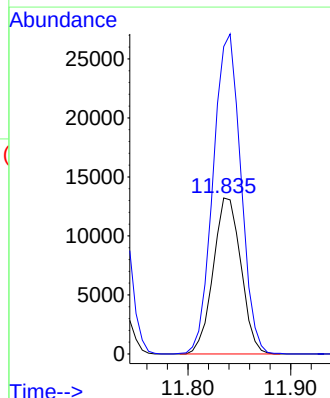
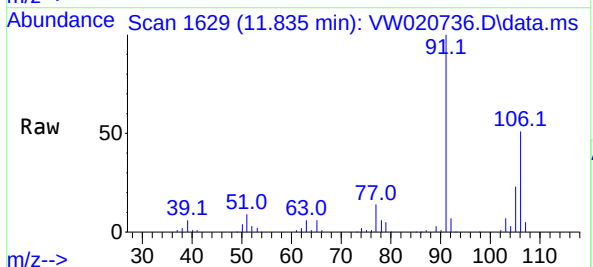
Acq: 01 Nov 2021 15:42

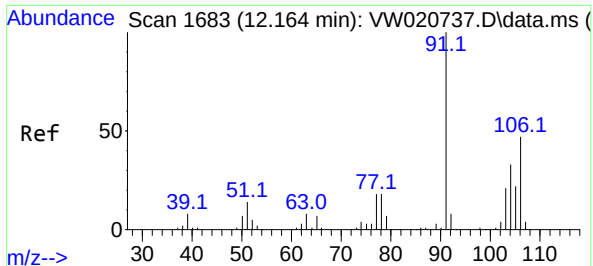
Tgt Ion:106 Resp: 24747

Ion Ratio Lower Upper

106 100

91 205.0 157.8 236.8





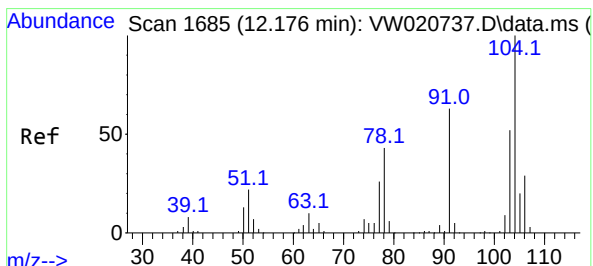
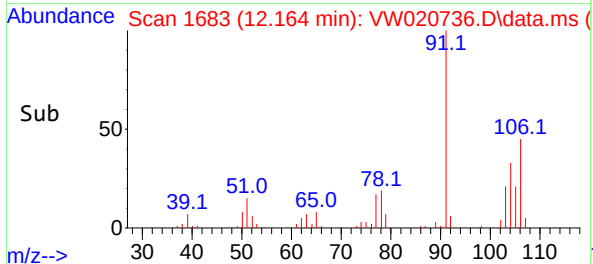
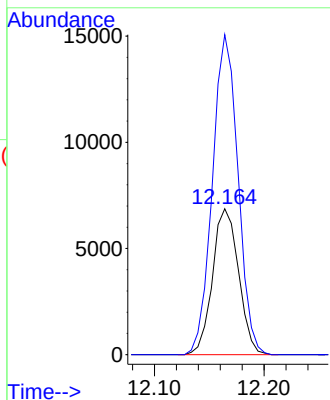
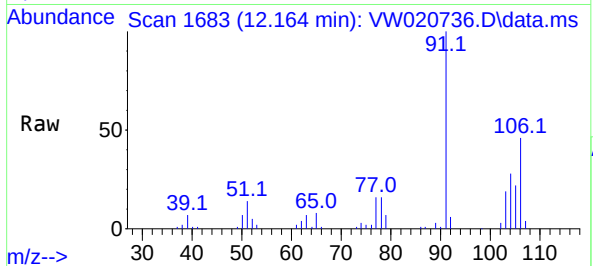
#69
o-Xylene
Concen: 17.362 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 1134
Ion Ratio Lower Upper
106 100
91 215.3 103.6 310.8

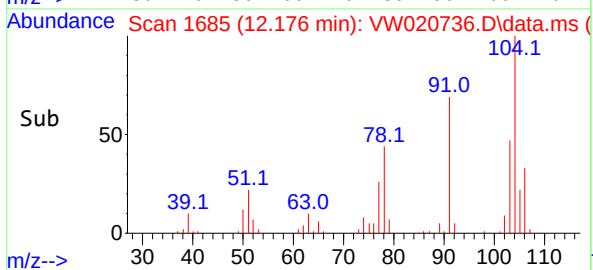
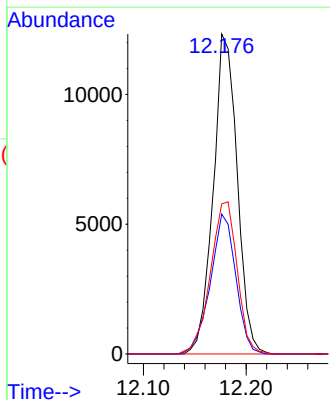
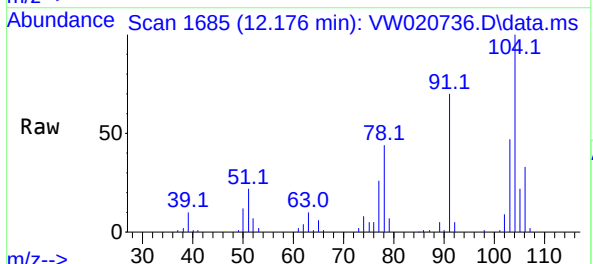
Manual Integrations
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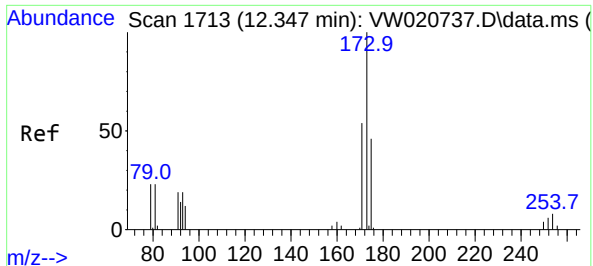
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#70
Styrene
Concen: 17.788 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

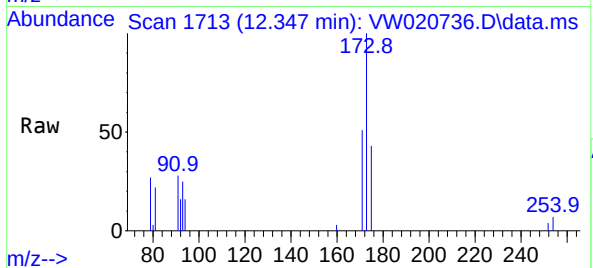
Tgt Ion:104 Resp: 19937
Ion Ratio Lower Upper
104 100
78 46.4 36.4 54.6
103 53.1 45.0 67.6





#71
Bromoform
Concen: 18.441 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

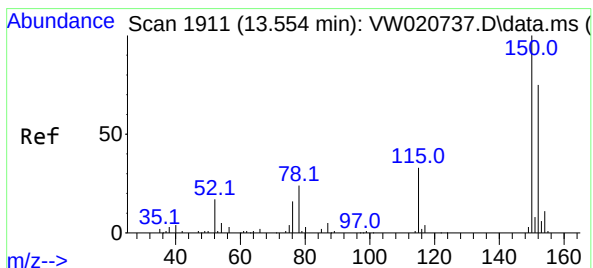
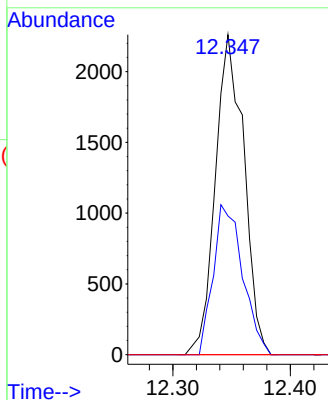
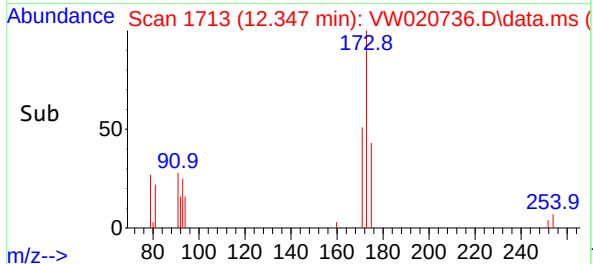
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



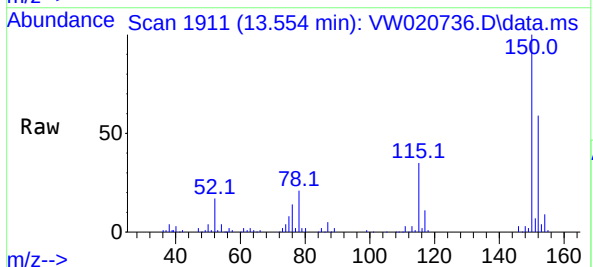
Tgt Ion:173 Resp: 3814
Ion Ratio Lower Upper
173 100
175 48.3 24.8 74.4
254 0.0 0.0 0.0

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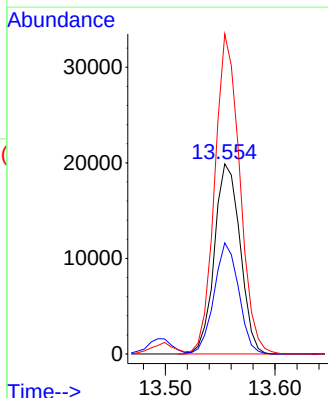
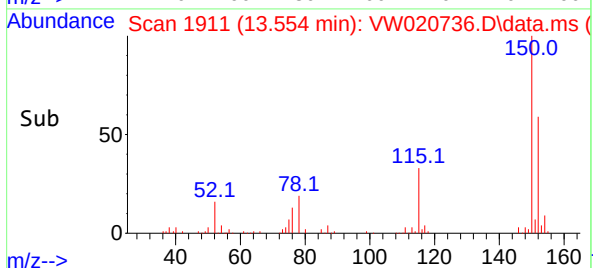
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

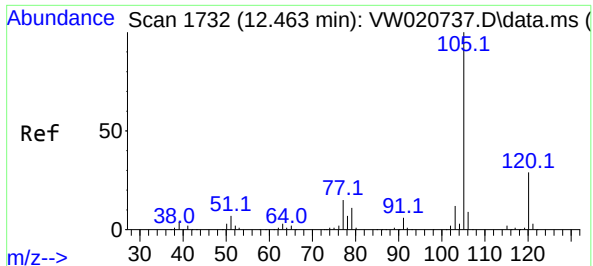


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion:152 Resp: 32423
Ion Ratio Lower Upper
152 100
115 55.8 26.6 79.8
150 163.9 0.0 333.0





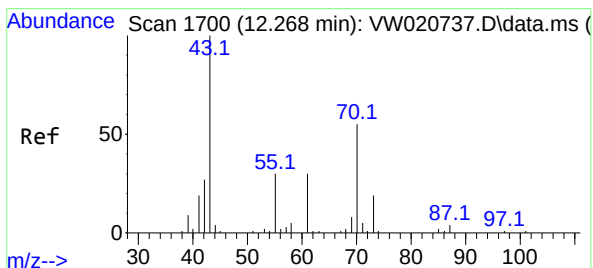
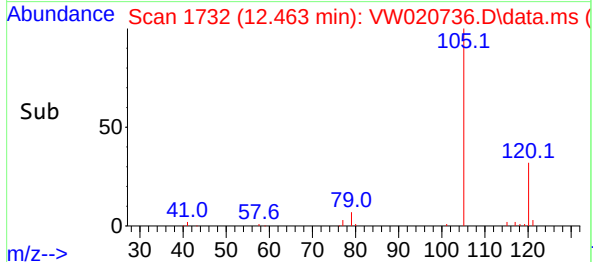
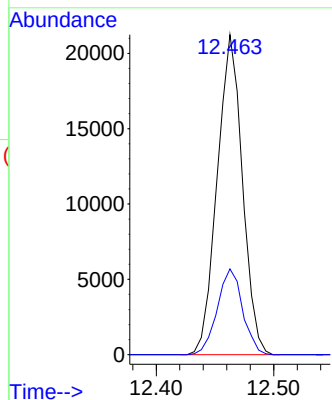
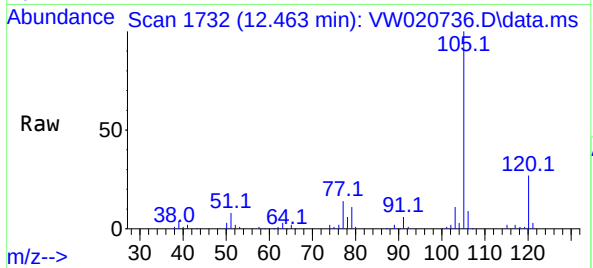
#73
Isopropylbenzene
Concen: 16.314 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 3166
Ion Ratio Lower Upper
105 100
120 26.9 13.8 41.4

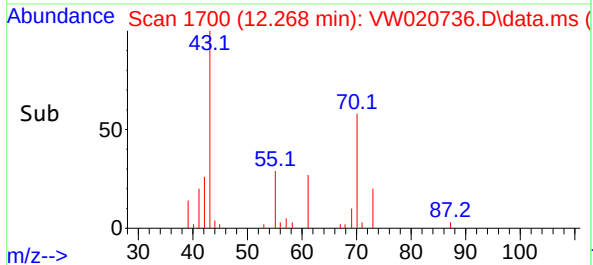
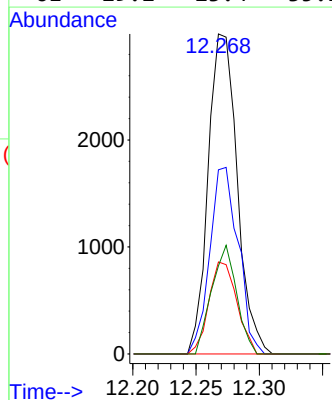
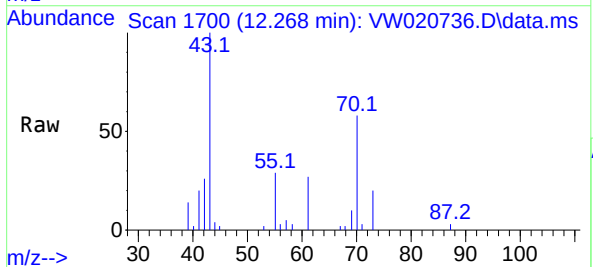
Manual Integrations
APPROVED

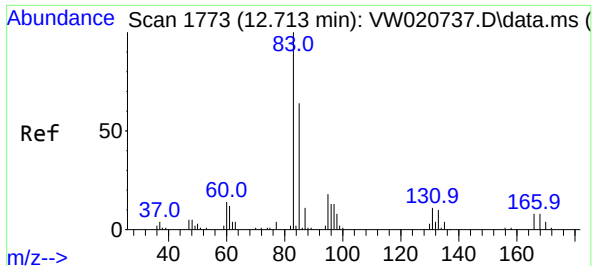
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#74
N-ethyl acetate
Concen: 11.252 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

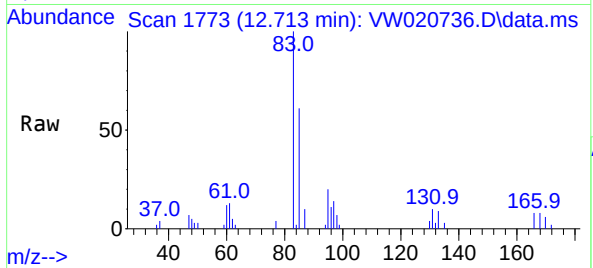
Tgt Ion: 43 Resp: 4781
Ion Ratio Lower Upper
43 100
70 57.0 44.7 67.1
55 27.7 23.5 35.3
61 29.2 23.4 35.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.315 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

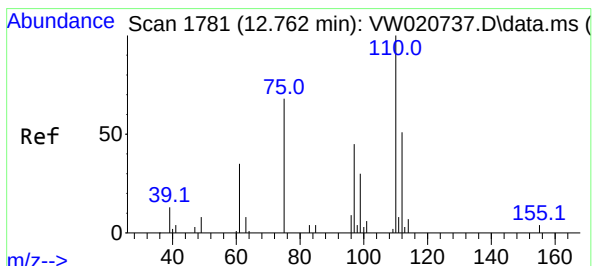
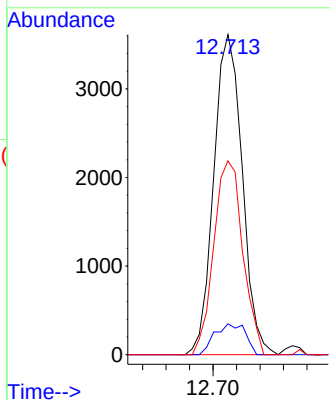
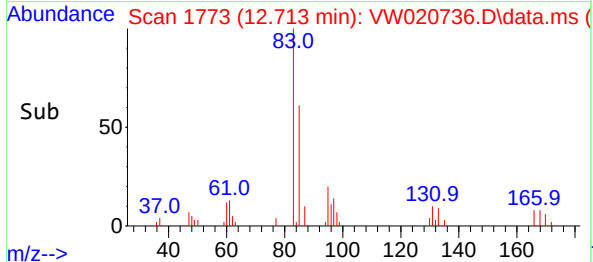
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



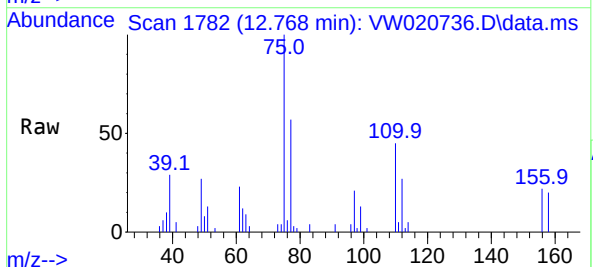
Tgt Ion: 83 Resp: 6080
Ion Ratio Lower Upper
83 100
131 10.4 5.9 17.7
85 61.7 32.3 96.9

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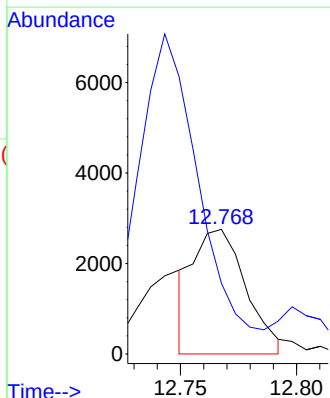
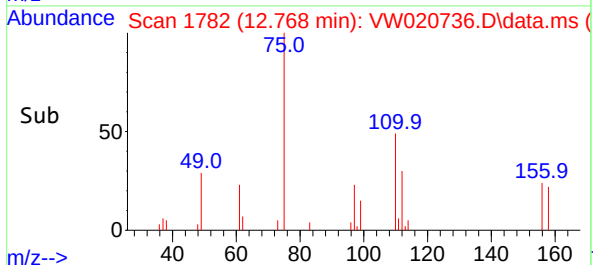
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

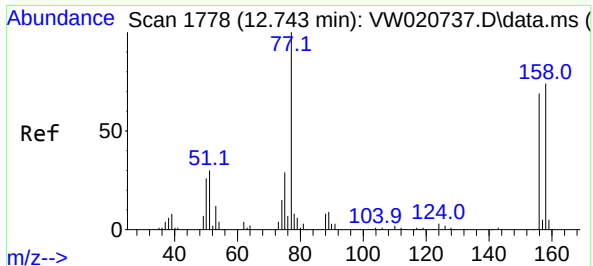


#76
1,2,3-Trichloropropane
Concen: 15.636 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



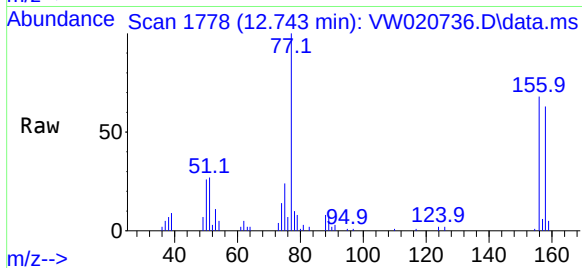
Tgt Ion: 75 Resp: 4324
Ion Ratio Lower Upper
75 100
77 0.0 143.3 430.0#





#77
Bromobenzene
Concen: 16.695 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

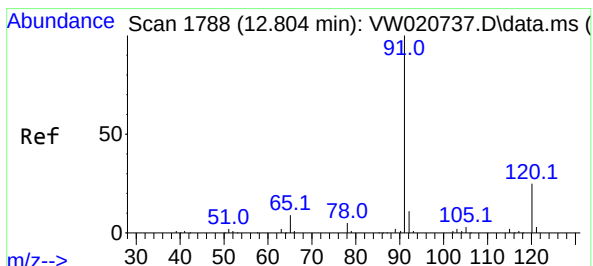
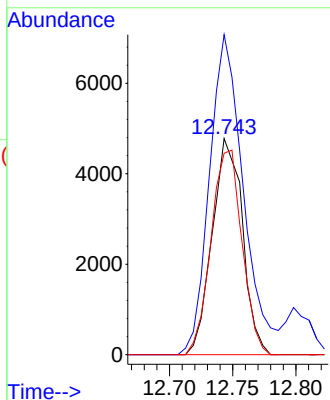
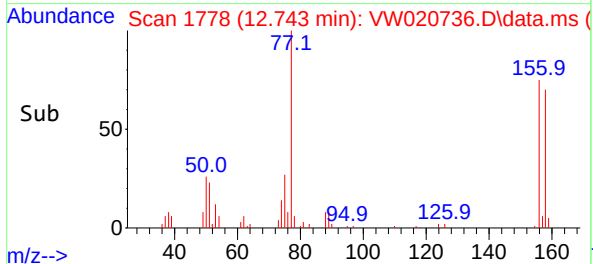
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



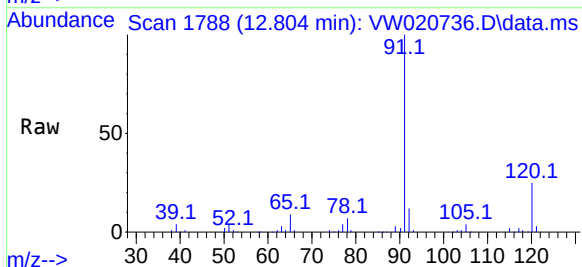
Tgt Ion:156 Resp: 795
Ion Ratio Lower Upper
156 100
77 165.7 78.5 235.3
158 96.9 49.4 148.2

Manual Integrations
APPROVED

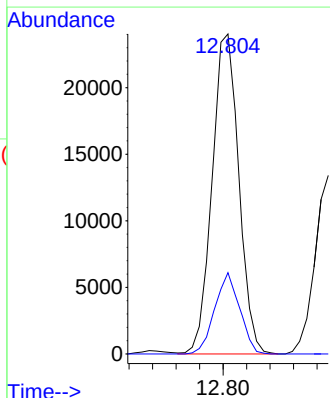
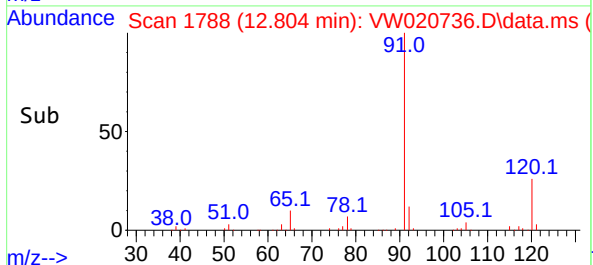
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

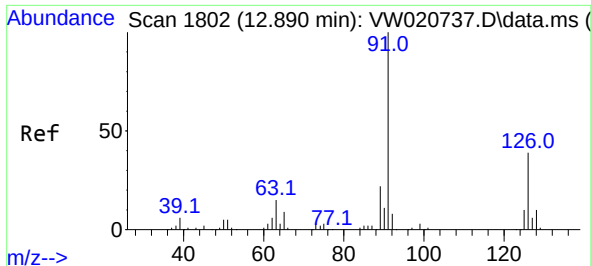


#78
n-propylbenzene
Concen: 15.922 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion: 91 Resp: 37962
Ion Ratio Lower Upper
91 100
120 23.7 12.1 36.3





#79

2-Chlorotoluene

Concen: 15.987 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 2192

Ion Ratio Lower Upper

91 100

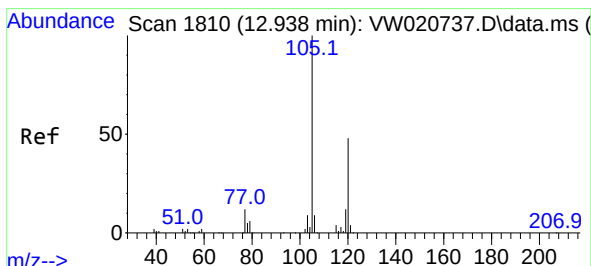
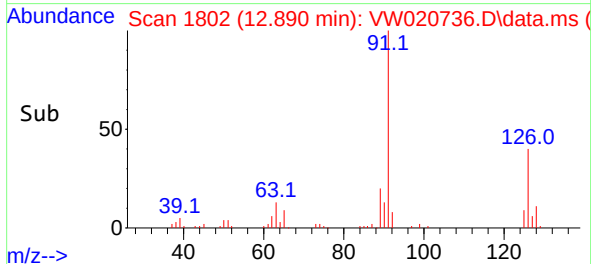
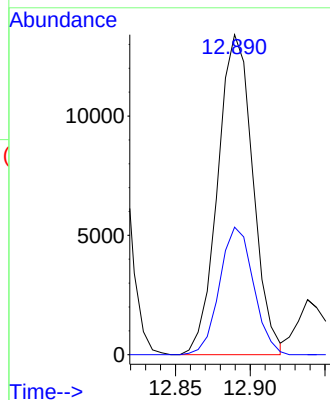
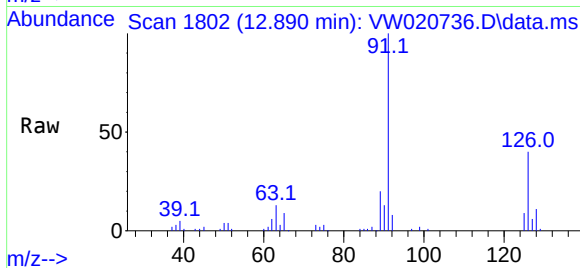
126 38.4 18.6 55.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#80

1,3,5-Trimethylbenzene

Concen: 16.278 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW020736.D

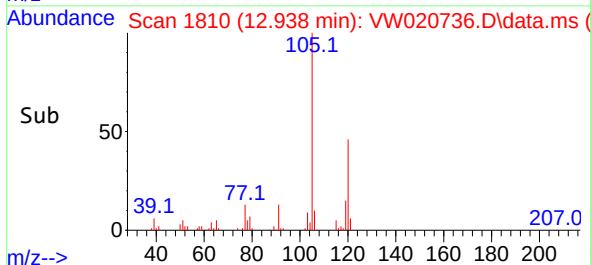
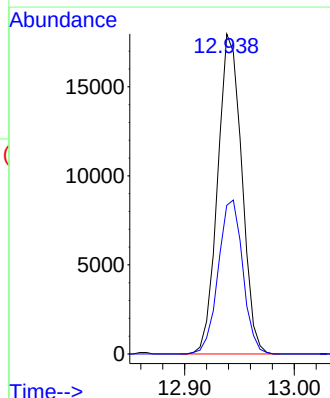
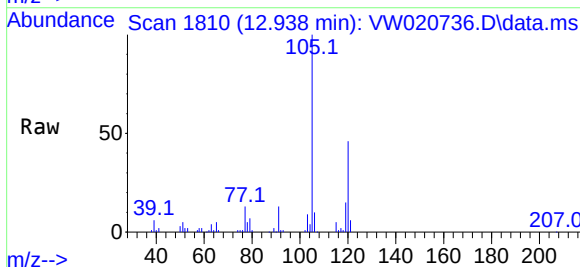
Acq: 01 Nov 2021 15:42

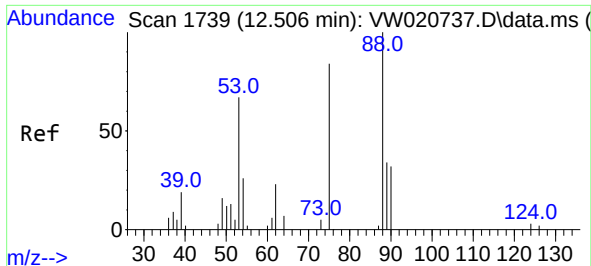
Tgt Ion:105 Resp: 27462

Ion Ratio Lower Upper

105 100

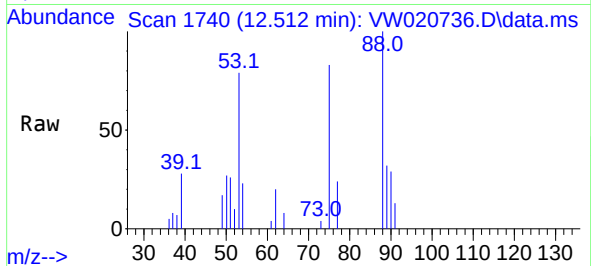
120 49.0 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 14.811 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

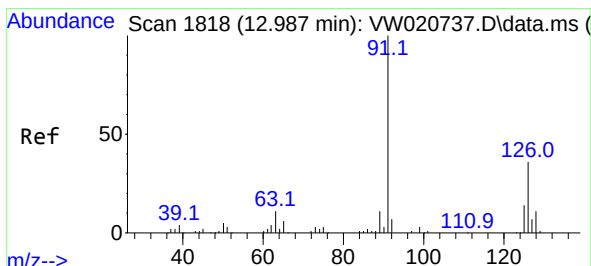
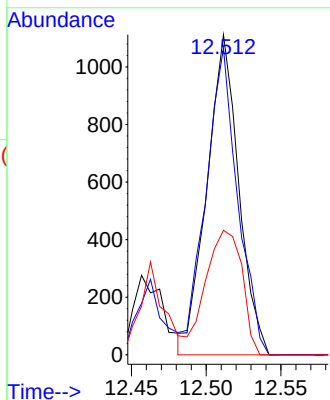
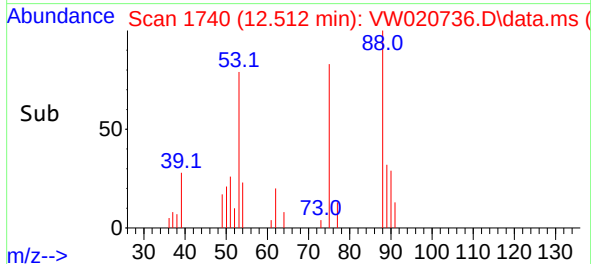
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



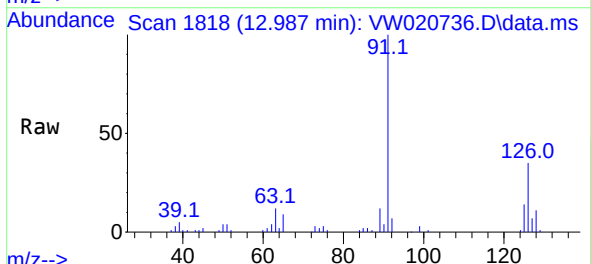
Tgt Ion: 75 Resp: 1640
Ion Ratio Lower Upper
75 100
53 96.2 67.7 101.5
89 43.8 37.5 56.3

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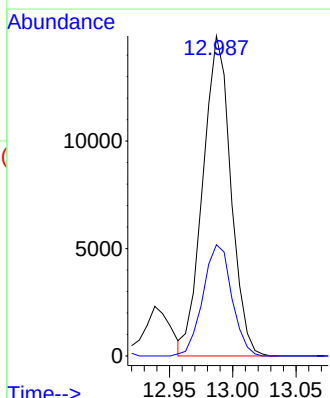
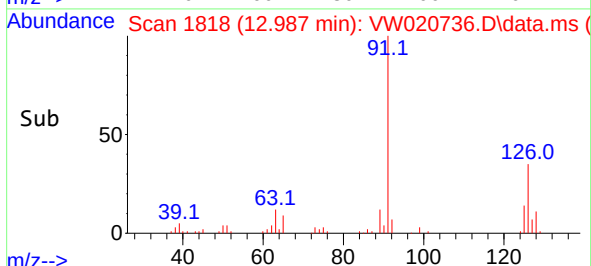
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

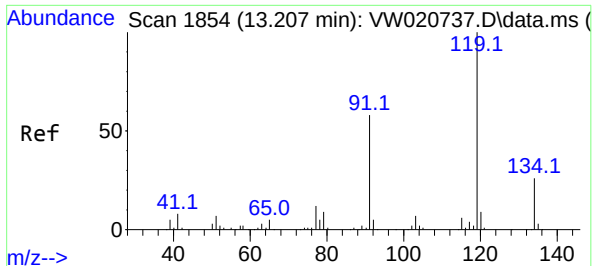


#82
4-Chlorotoluene
Concen: 15.682 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion: 91 Resp: 22892
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.8





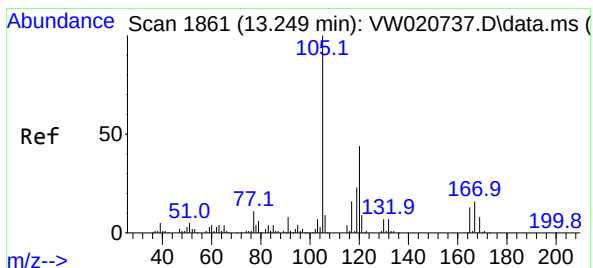
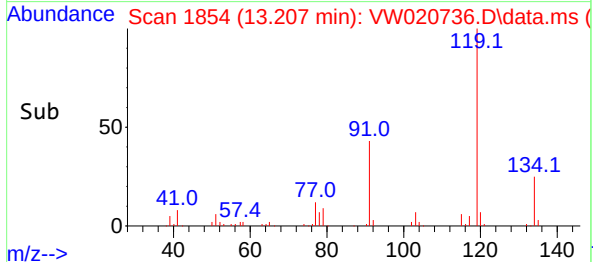
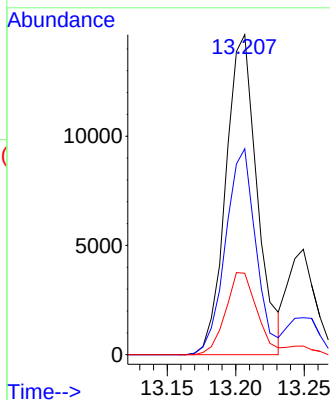
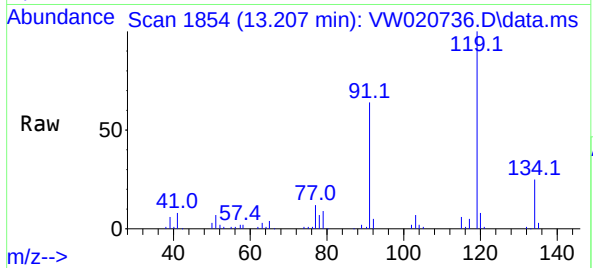
#83
tert-Butylbenzene
Concen: 16.148 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 2331
Ion Ratio Lower Upper
119 100
91 62.6 30.9 92.8
134 26.1 12.5 37.5

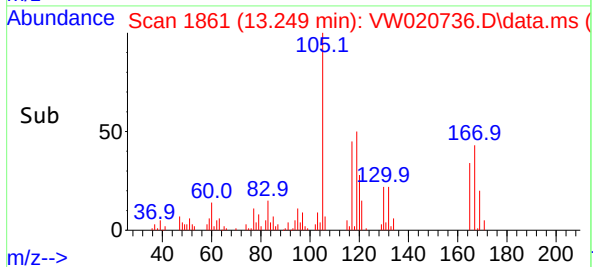
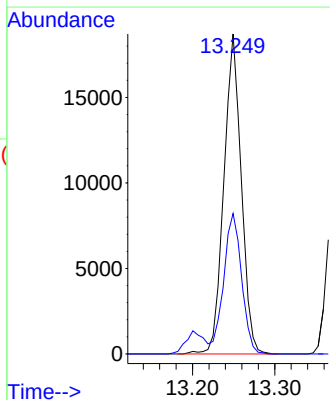
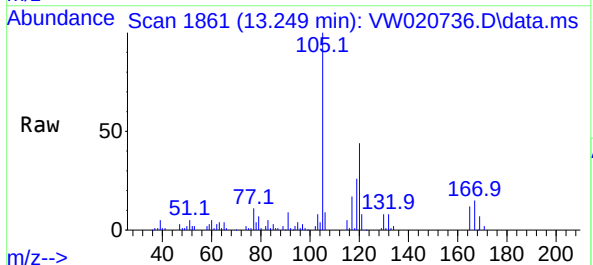
Manual Integrations
APPROVED

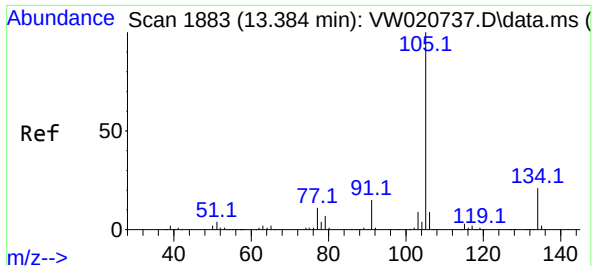
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#84
1,2,4-Trimethylbenzene
Concen: 16.426 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion:105 Resp: 27586
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





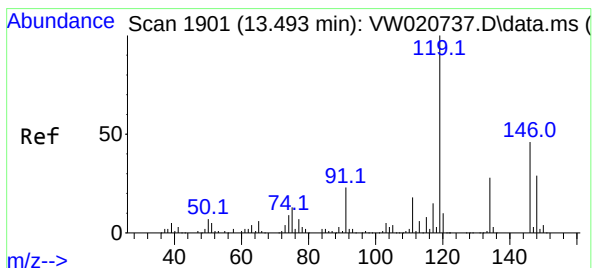
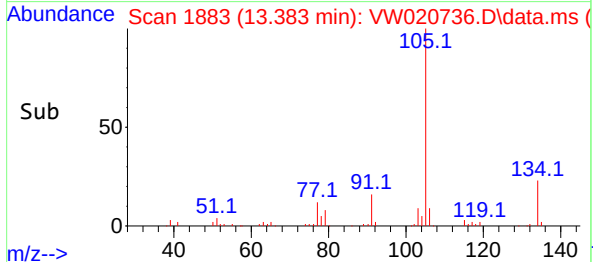
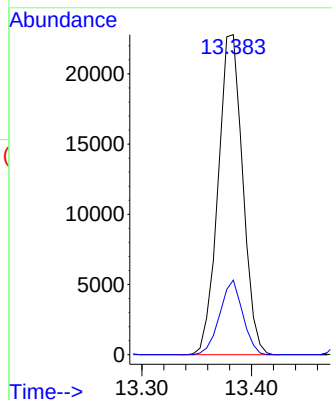
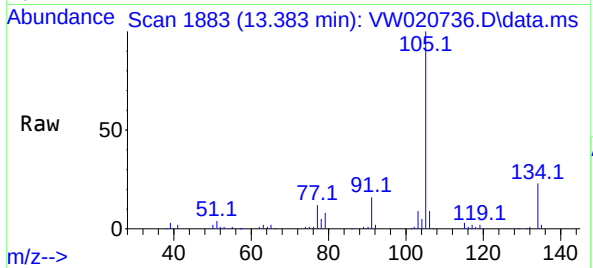
#85
 sec-Butylbenzene
 Concen: 16.407 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: VW020736.D
 Acq: 01 Nov 2021 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 3557
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.4 31.2

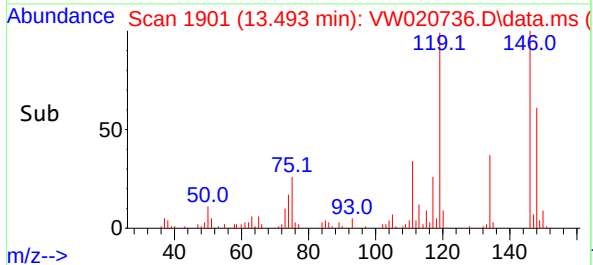
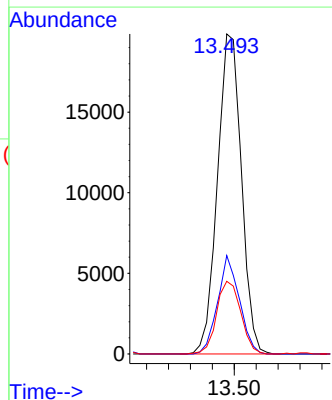
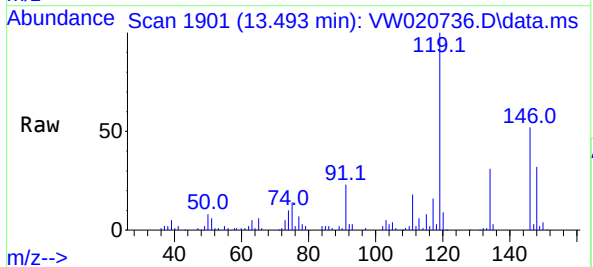
Manual Integrations
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Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

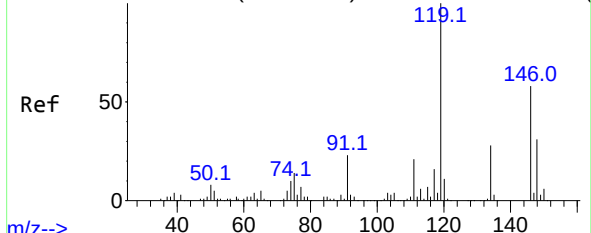


#86
 p-Isopropyltoluene
 Concen: 16.397 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW020736.D
 Acq: 01 Nov 2021 15:42

Tgt Ion:119 Resp: 30125
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.8 41.3
 91 22.9 11.2 33.6



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



#87

1,3-Dichlorobenzene

Concen: 18.089 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 17652

Ion Ratio Lower Upper

146 100

111 35.4 19.0 57.0

148 58.7 30.1 90.3

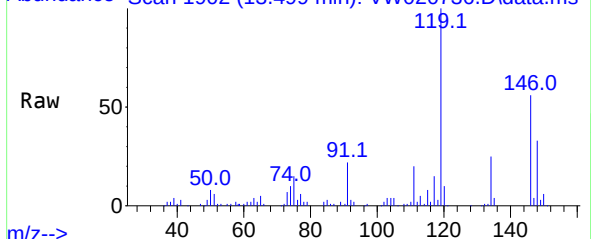
Manual Integrations

APPROVED

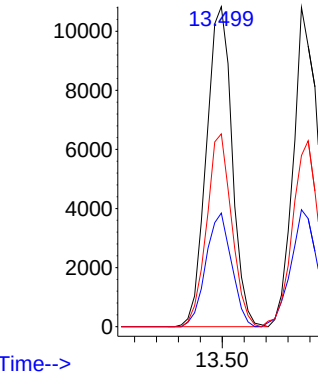
Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021

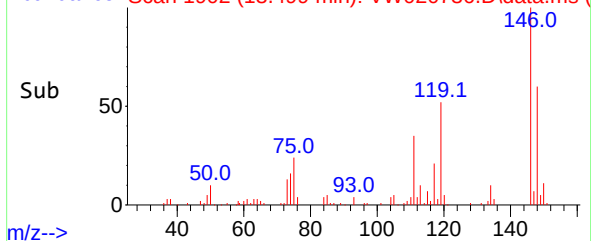
Abundance Scan 1902 (13.499 min): VW020736.D\data.ms



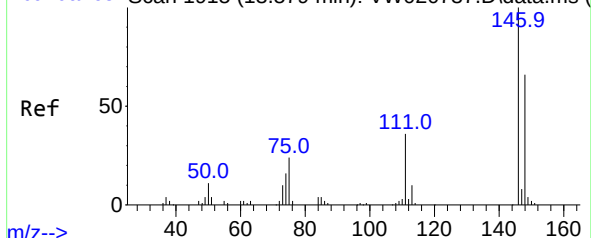
Abundance



Abundance Scan 1902 (13.499 min): VW020736.D\data.ms (



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



#88

1,4-Dichlorobenzene

Concen: 17.375 ug/l

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Tgt Ion:146 Resp: 16751

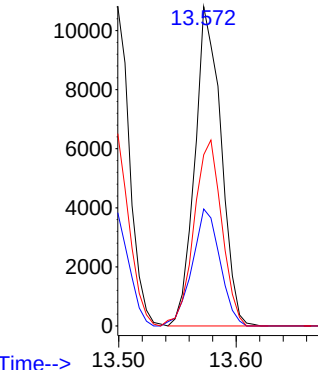
Ion Ratio Lower Upper

146 100

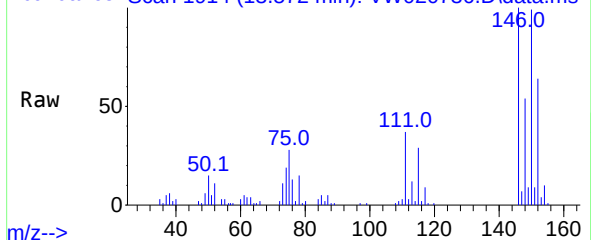
111 39.0 20.1 60.3

148 61.7 33.6 100.8

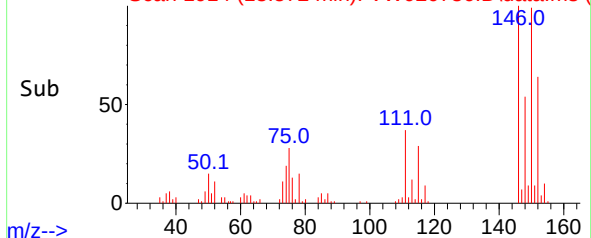
Abundance

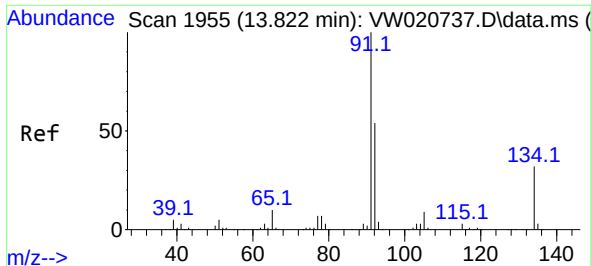


Abundance Scan 1914 (13.572 min): VW020736.D\data.ms



Abundance Scan 1914 (13.572 min): VW020736.D\data.ms (





#89

n-Butylbenzene

Concen: 16.108 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

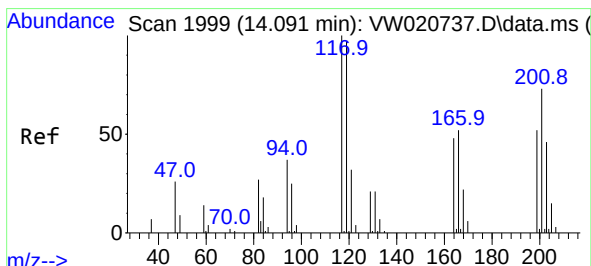
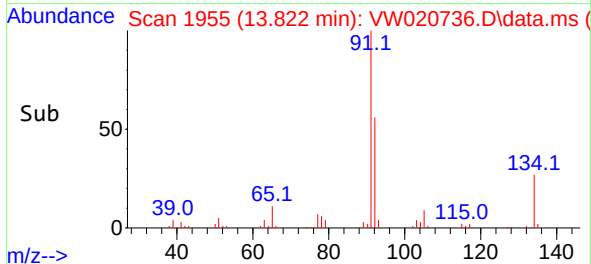
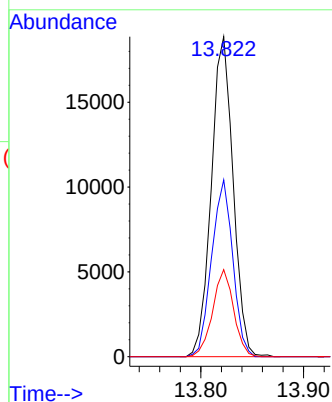
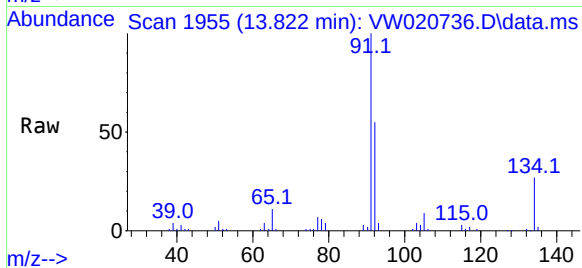
Tgt Ion: 91 Resp: 2775

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.1	81.2
134	26.2	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: 16.923 ug/l

RT: 14.091 min Scan# 1999

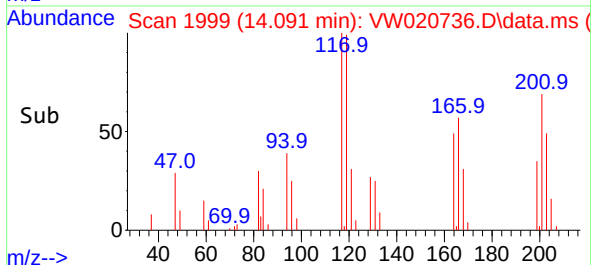
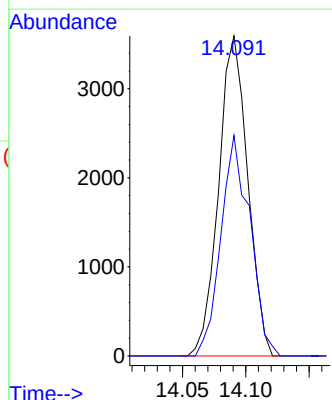
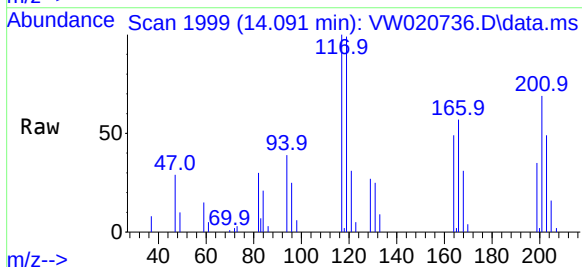
Delta R.T. -0.000 min

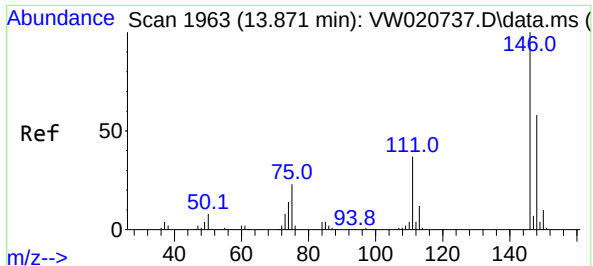
Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Tgt Ion:117 Resp: 5748

Ion	Ratio	Lower	Upper
117	100		
201	68.7	36.5	109.5





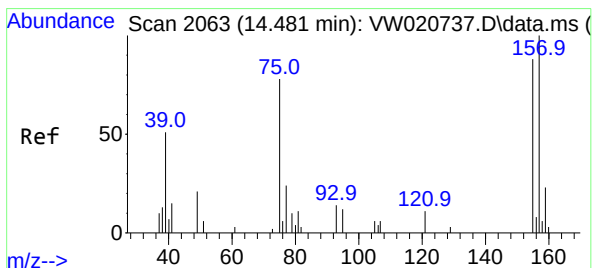
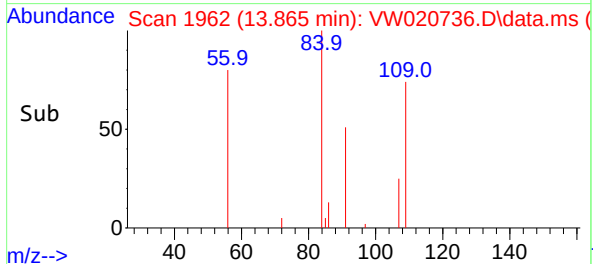
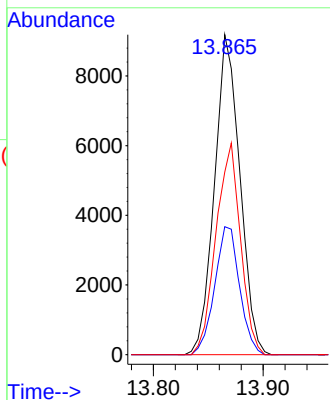
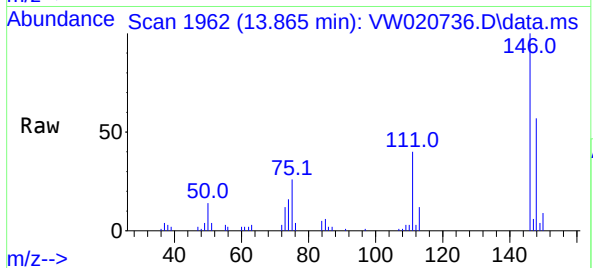
#91
1,2-Dichlorobenzene
Concen: 17.549 ug/l
RT: 13.865 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 1481
Ion Ratio Lower Upper
146 100
111 39.1 21.1 63.3
148 63.8 33.2 99.6

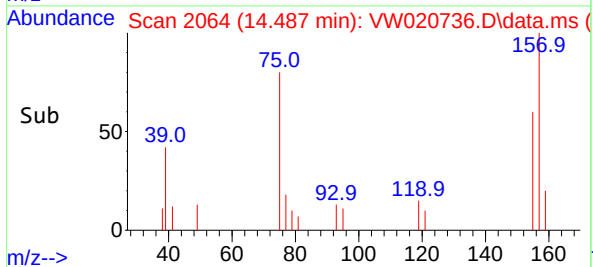
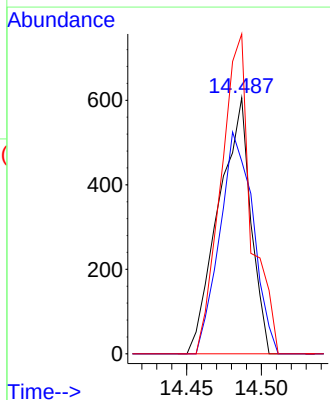
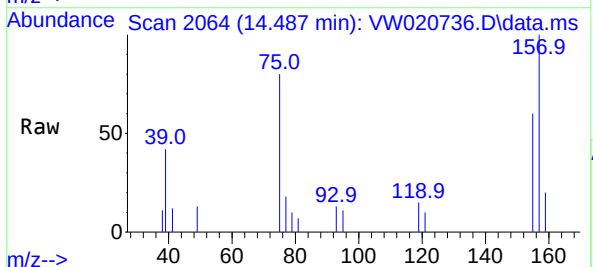
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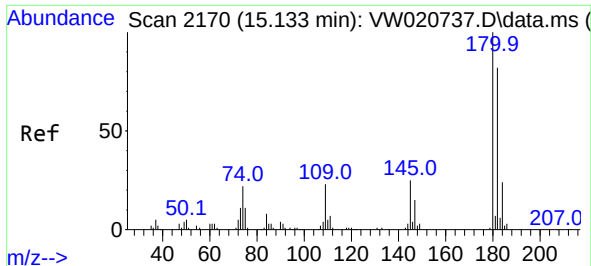
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.588 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Tgt Ion: 75 Resp: 904
Ion Ratio Lower Upper
75 100
155 90.0 52.8 158.4
157 117.5 61.5 184.4





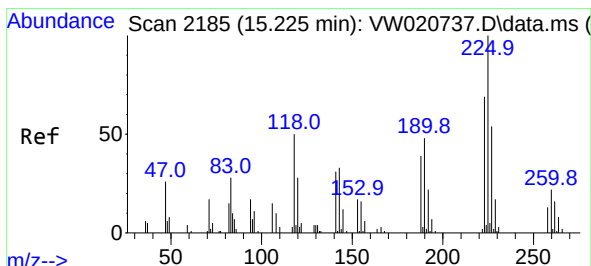
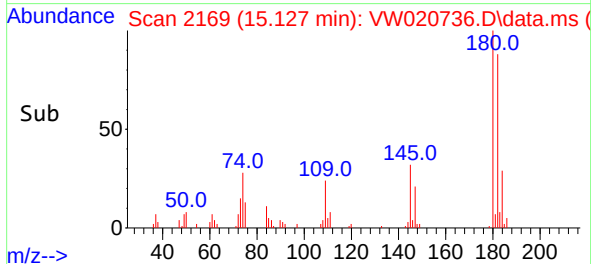
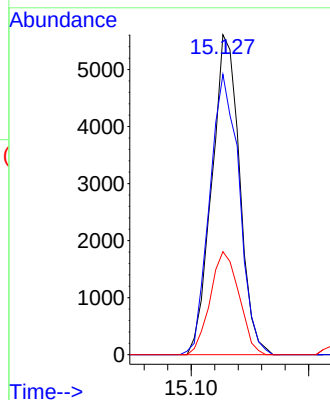
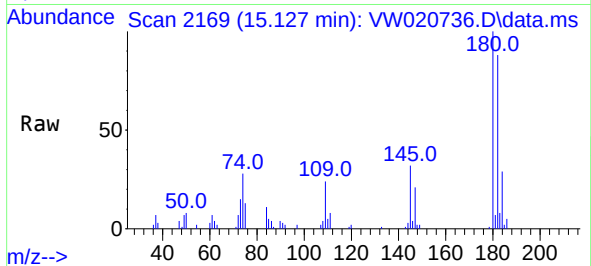
#93
1,2,4-Trichlorobenzene
Concen: 15.752 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 9180
Ion Ratio Lower Upper
180 100
182 93.4 47.1 141.3
145 33.6 14.7 44.1

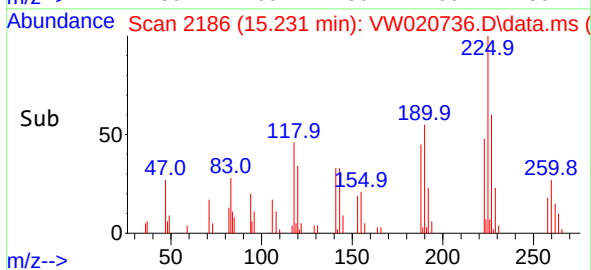
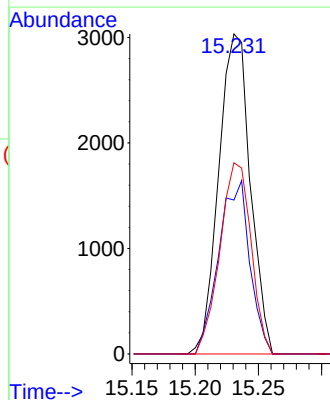
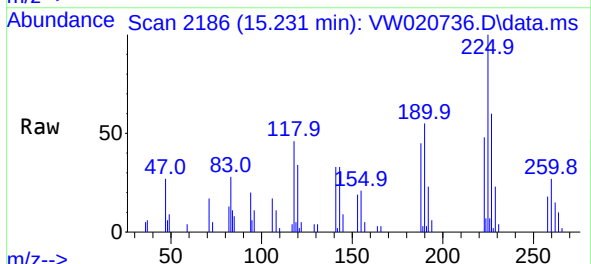
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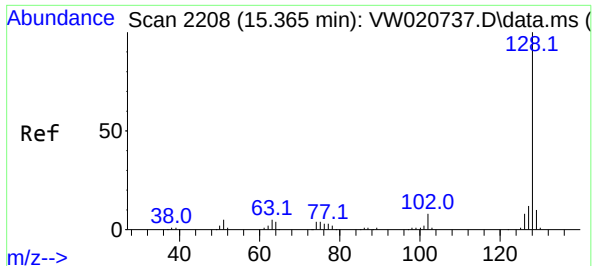
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#94
Hexachlorobutadiene
Concen: 14.362 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

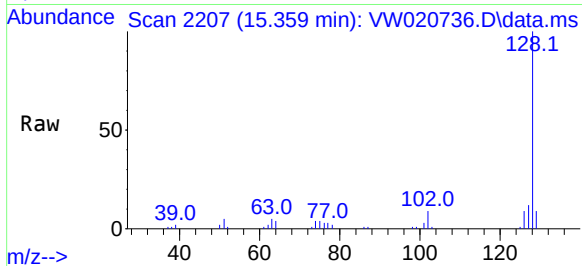
Tgt Ion:225 Resp: 5267
Ion Ratio Lower Upper
225 100
223 53.3 34.6 103.9
227 58.8 30.6 92.0





#95
Naphthalene
Concen: 15.797 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42

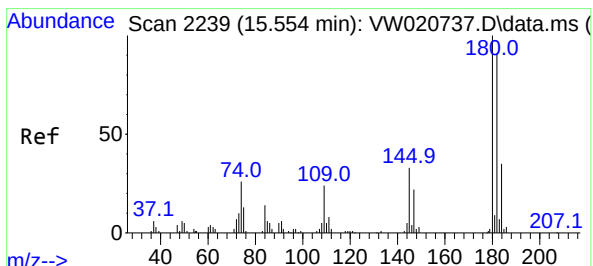
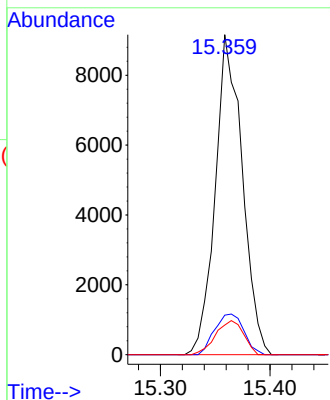
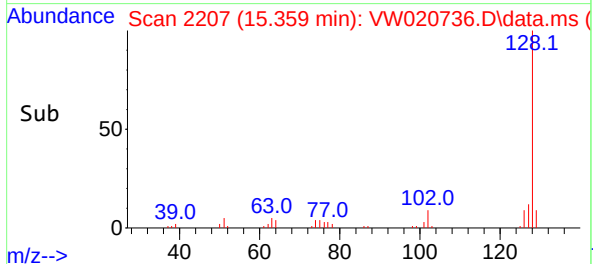
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



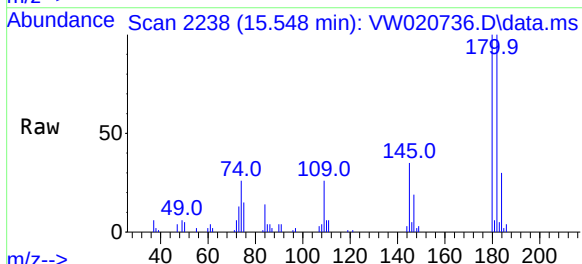
Tgt Ion:128 Resp: 1566
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.1 8.5 12.7

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 15.971 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020736.D
Acq: 01 Nov 2021 15:42



Tgt Ion:180 Resp: 8322
Ion Ratio Lower Upper
180 100
182 97.8 47.3 141.8
145 32.8 16.3 48.8

