

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020735.D
 Acq On : 01 Nov 2021 15:18
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 04:17:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:15:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	34480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	58614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	53074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	27693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	4030	12.102	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	24.200%#		
35) Dibromofluoromethane	7.884	113	4052	11.667	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	23.340%#		
50) Toluene-d8	10.323	98	14558	11.319	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	22.640%#		
62) 4-Bromofluorobenzene	12.615	95	4823	10.004	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	20.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	797	9.312	ug/l	87
3) Chloromethane	2.215	50	2062	9.987	ug/l	93
4) Vinyl Chloride	2.355	62	3890	14.544	ug/l	97
5) Bromomethane	2.763	94	3088	22.989	ug/l	97
6) Chloroethane	2.910	64	1493	18.522	ug/l	93
7) Trichlorofluoromethane	3.251	101	1208	10.503	ug/l #	83
8) Diethyl Ether	3.684	74	1243	8.939	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.062	101	3092	10.976	ug/l	99
10) Methyl Iodide	4.269	142	3740	11.528	ug/l	98
11) Tert butyl alcohol	5.190	59	603m	33.622	ug/l	
12) 1,1-Dichloroethene	4.031	96	2879	10.576	ug/l #	84
13) Acrolein	3.903	56	259m	34.908	ug/l	
14) Allyl chloride	4.665	41	1994	5.241	ug/l	93
15) Acrylonitrile	5.379	53	2318	36.045	ug/l	97
16) Acetone	4.117	43	2065	28.820	ug/l #	88
17) Carbon Disulfide	4.379	76	6728	9.077	ug/l #	93
18) Methyl Acetate	4.665	43	1589	6.841	ug/l #	70
19) Methyl tert-butyl Ether	5.427	73	2919	7.976	ug/l #	85
20) Methylene Chloride	4.921	84	4673	12.819	ug/l #	89
21) trans-1,2-Dichloroethene	5.421	96	3139	10.278	ug/l	88
22) Diisopropyl ether	6.305	45	5308	6.500	ug/l	94
23) Vinyl Acetate	6.257	43	13656	30.478	ug/l	97
24) 1,1-Dichloroethane	6.214	63	4836	8.895	ug/l	95
25) 2-Butanone	7.171	43	2728	31.258	ug/l	88
26) 2,2-Dichloropropane	7.159	77	2814	9.229	ug/l	95
27) cis-1,2-Dichloroethene	7.171	96	3342	10.018	ug/l	97
28) Bromochloromethane	7.512	49	1987	7.950	ug/l #	97
29) Tetrahydrofuran	7.525	42	1576	29.995	ug/l	96
30) Chloroform	7.677	83	6104	10.441	ug/l	95
31) Cyclohexane	7.951	56	4409	8.107	ug/l #	94
32) 1,1,1-Trichloroethane	7.866	97	4832	10.706	ug/l	95
36) 1,1-Dichloropropene	8.086	75	4208	8.153	ug/l	94
37) Ethyl Acetate	7.263	43	1177	5.507	ug/l #	92
38) Carbon Tetrachloride	8.067	117	4411	9.064	ug/l #	95
39) Methylcyclohexane	9.335	83	4538	7.240	ug/l	95
40) Benzene	8.323	78	12393	8.358	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	530	4.261	ug/l #	92
42) 1,2-Dichloroethane	8.396	62	3672	8.135	ug/l	97
43) Isopropyl Acetate	8.421	43	2252	5.521	ug/l #	80
44) Trichloroethene	9.091	130	3608	9.106	ug/l	86
45) 1,2-Dichloropropane	9.366	63	2613	7.574	ug/l #	84
46) Dibromomethane	9.457	93	1966	9.995	ug/l	90
47) Bromodichloromethane	9.640	83	4275	8.685	ug/l	92
48) Methyl methacrylate	9.427	41	1088	5.471	ug/l	92
49) 1,4-Dioxane	9.445	88	382	143.405	ug/l #	87
51) 4-Methyl-2-Pentanone	10.207	43	6236	28.893	ug/l	100
52) Toluene	10.390	92	7575	8.307	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	3825	7.840	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	4330	7.759	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	2628	9.566	ug/l	97
56) Ethyl methacrylate	10.646	69	2280	6.843	ug/l	99
57) 1,3-Dichloropropane	10.933	76	3859	8.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	6176	39.367	ug/l	100
59) 2-Hexanone	10.969	43	4272	28.068	ug/l	92
60) Dibromochloromethane	11.128	129	3085	9.350	ug/l	96
61) 1,2-Dibromoethane	11.231	107	2501	9.388	ug/l	99
64) Tetrachloroethene	10.866	164	3119	9.230	ug/l	92
65) Chlorobenzene	11.658	112	9161	9.472	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	3196	9.017	ug/l	92
67) Ethyl Benzene	11.731	91	14108	8.187	ug/l	100
68) m/p-Xylenes	11.841	106	12180	18.156	ug/l	96
69) o-Xylene	12.164	106	5491	8.845	ug/l	93
70) Styrene	12.182	104	9080	8.528	ug/l	98
71) Bromoform	12.347	173	1810	9.213	ug/l #	98
73) Isopropylbenzene	12.463	105	14004	8.447	ug/l	99
74) N-amyl acetate	12.268	43	2194	6.045	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	2981	9.940	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	2220m	9.399	ug/l	
77) Bromobenzene	12.743	156	3733	9.172	ug/l	94
78) n-propylbenzene	12.804	91	17964	8.821	ug/l	100
79) 2-Chlorotoluene	12.890	91	10333	8.823	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	12927	8.971	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.505	75	716	7.571	ug/l #	84
82) 4-Chlorotoluene	12.987	91	10704	8.585	ug/l	96
83) tert-Butylbenzene	13.207	119	11014	8.931	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	12042	8.395	ug/l	95
85) sec-Butylbenzene	13.377	105	16960	9.158	ug/l	97
86) p-Isopropyltoluene	13.499	119	13595	8.664	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	8250	9.898	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	8268	10.041	ug/l	98
89) n-Butylbenzene	13.822	91	12562	8.537	ug/l	98
90) Hexachloroethane	14.091	117	2815	9.703	ug/l	93
91) 1,2-Dichlorobenzene	13.865	146	7244	10.049	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	456	8.615	ug/l	89
93) 1,2,4-Trichlorobenzene	15.127	180	4162	8.356	ug/l	99
94) Hexachlorobutadiene	15.225	225	2444	7.802	ug/l	95
95) Naphthalene	15.365	128	7181	8.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	3772	8.476	ug/l	99

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ClientSampleId :
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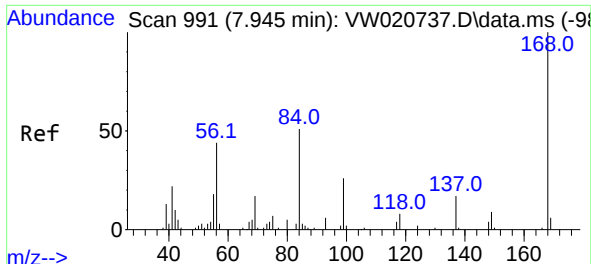
Manual Integrations
APPROVED

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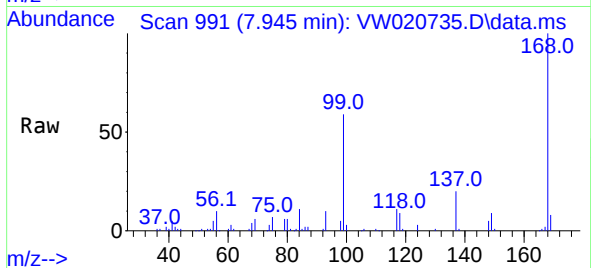
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW020735.D
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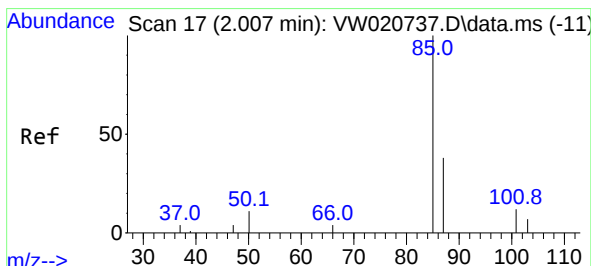
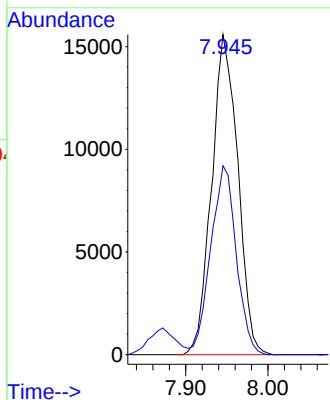
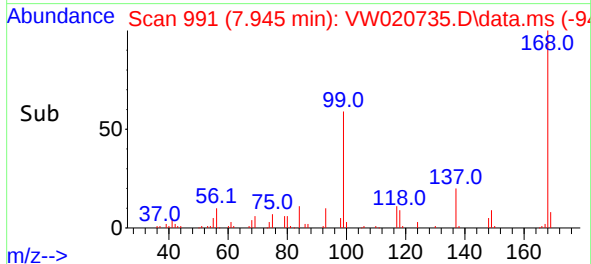
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



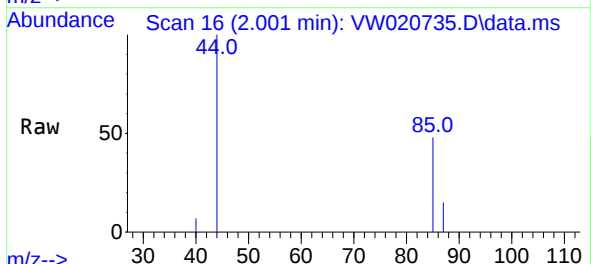
Tgt Ion:168 Resp: 3448
Ion Ratio Lower Upper
168 100
99 59.0 42.6 63.8

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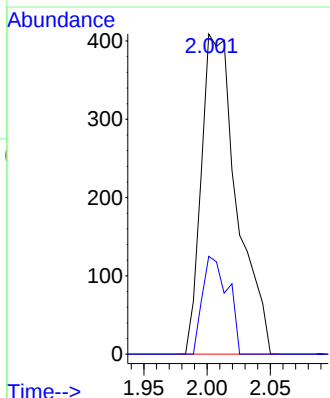
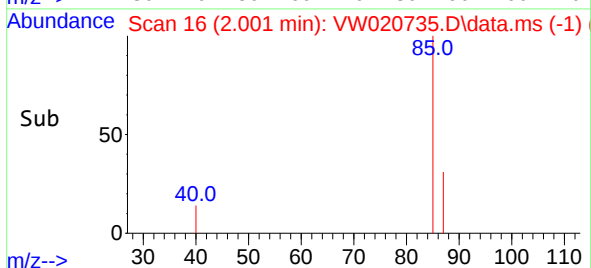
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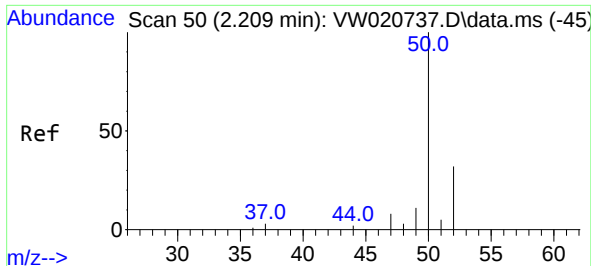


#2
Dichlorodifluoromethane
Concen: 9.312 ug/l
RT: 2.001 min Scan# 16
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion: 85 Resp: 797
Ion Ratio Lower Upper
85 100
87 30.6 19.1 57.5





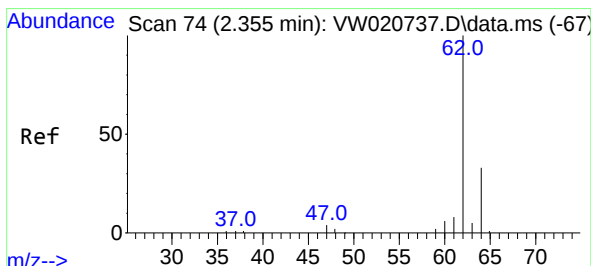
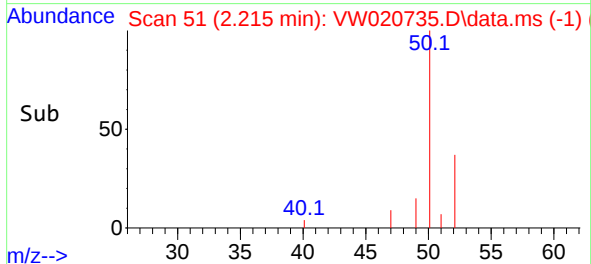
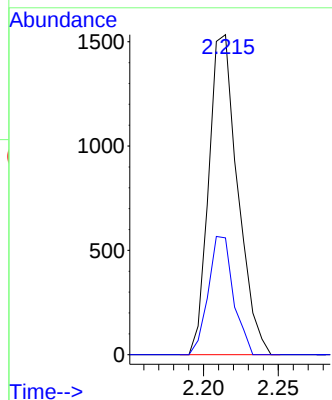
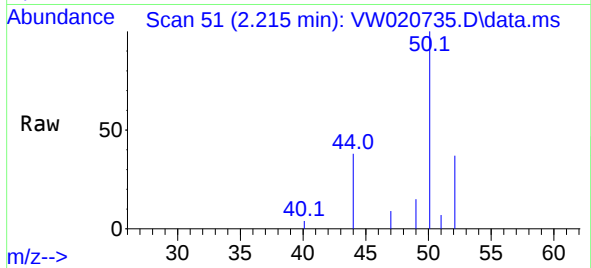
#3
Chloromethane
Concen: 9.987 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 2062
Ion Ratio Lower Upper
50 100
52 36.5 25.9 38.9

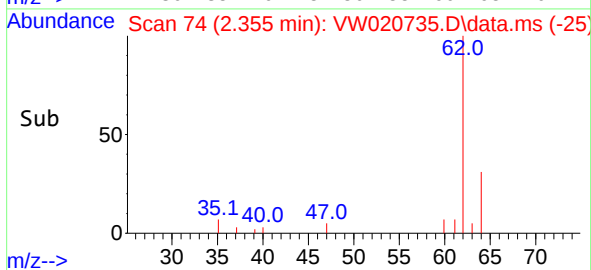
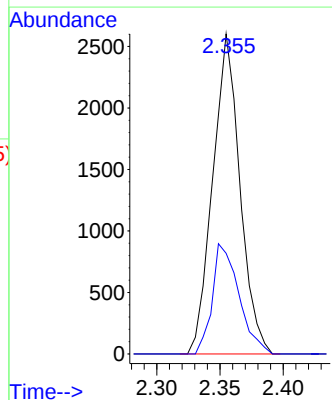
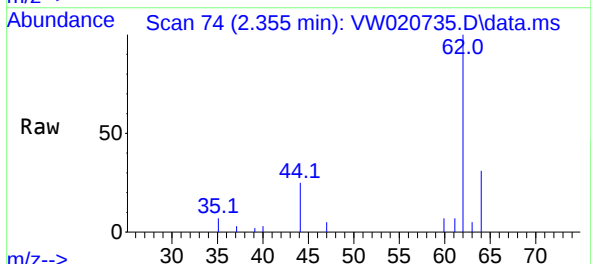
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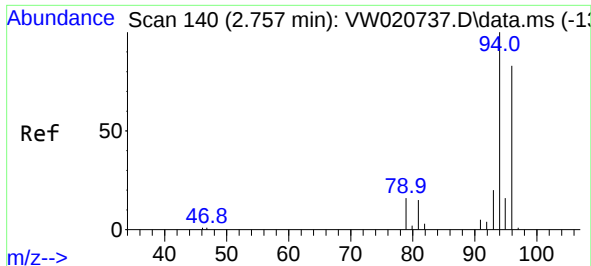
Reviewed By :Vimala Arumugam 11/02/2021
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#4
Vinyl Chloride
Concen: 14.544 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 62 Resp: 3890
Ion Ratio Lower Upper
62 100
64 31.4 26.7 40.1





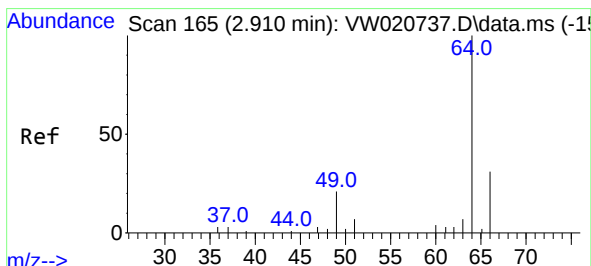
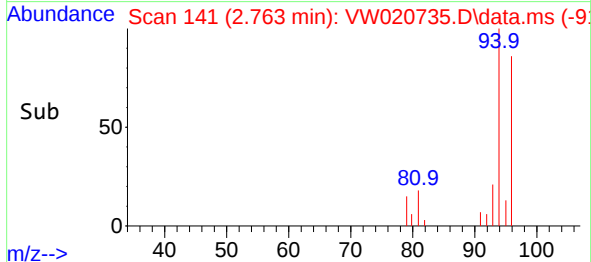
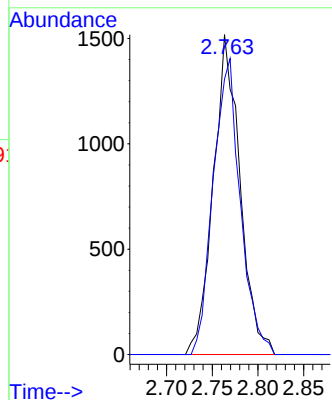
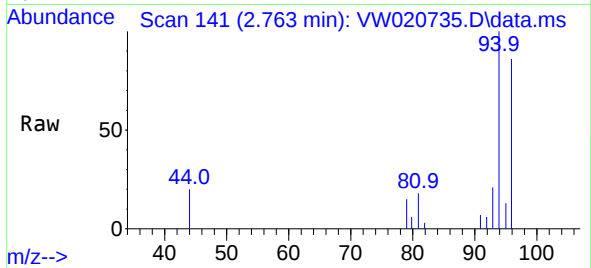
#5
Bromomethane
Concen: 22.989 ug/l
RT: 2.763 min Scan# 141
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 94 Resp: 3088
Ion Ratio Lower Upper
94 100
96 86.2 66.7 100.1

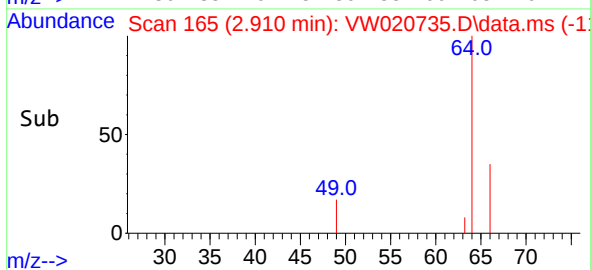
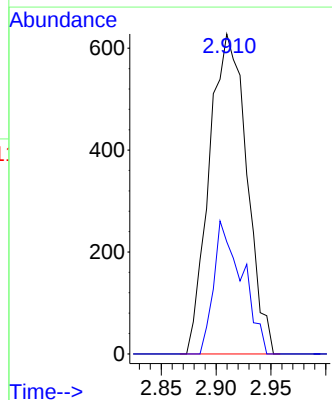
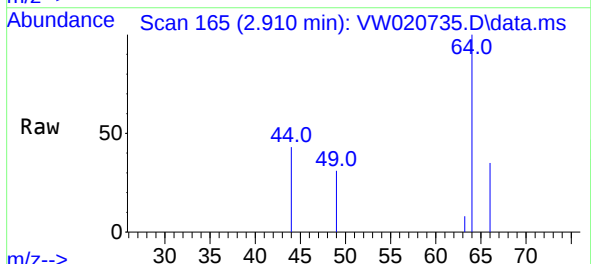
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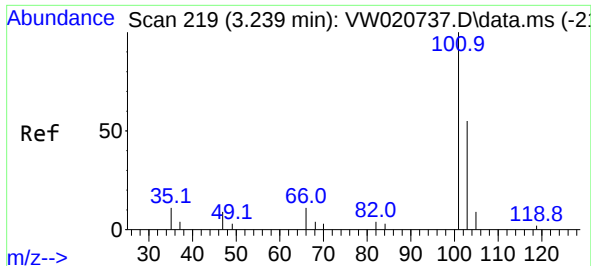
Reviewed By :Vimala Arumugam 11/02/2021
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#6
Chloroethane
Concen: 18.522 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 64 Resp: 1493
Ion Ratio Lower Upper
64 100
66 35.0 25.1 37.7





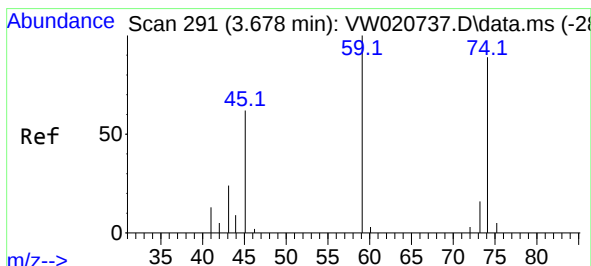
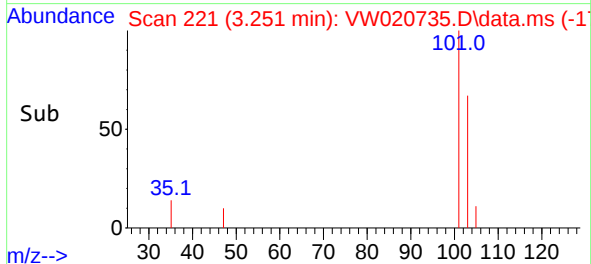
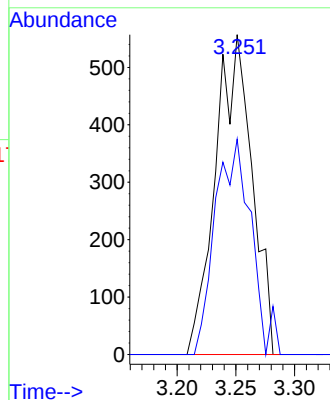
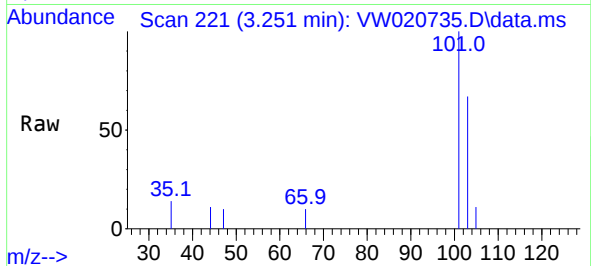
#7
Trichlorofluoromethane
Concen: 10.503 ug/l
RT: 3.251 min Scan# 219
Delta R.T. 0.012 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 1208
Ion Ratio Lower Upper
101 100
103 67.3 43.9 65.9

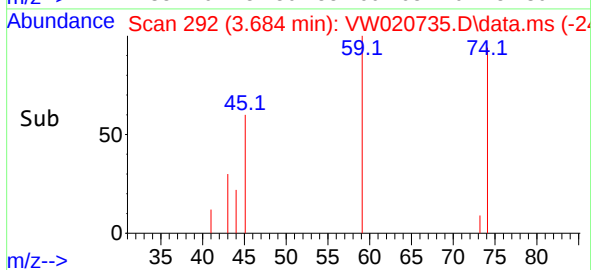
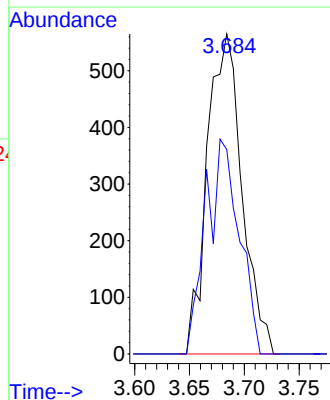
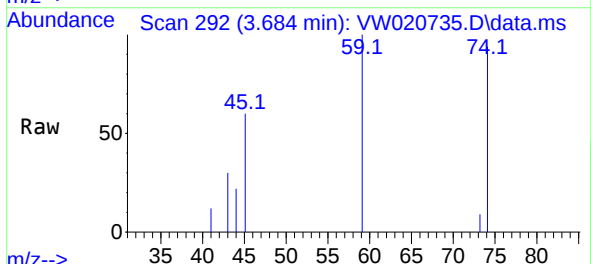
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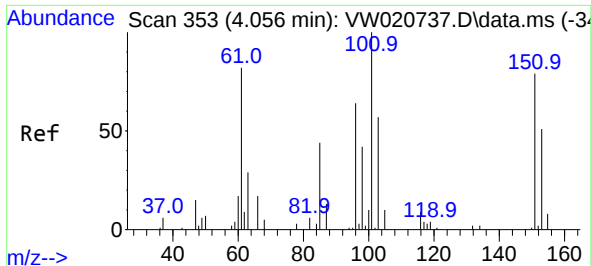
Reviewed By :Vimala Arumugam 11/02/2021
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#8
Diethyl Ether
Concen: 8.939 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.006 min
Lab File: VW020735.D
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Tgt Ion: 74 Resp: 1243
Ion Ratio Lower Upper
74 100
45 64.7 34.3 102.8





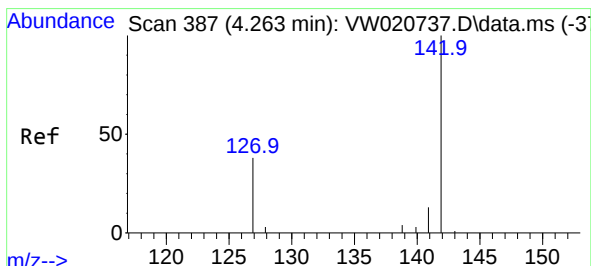
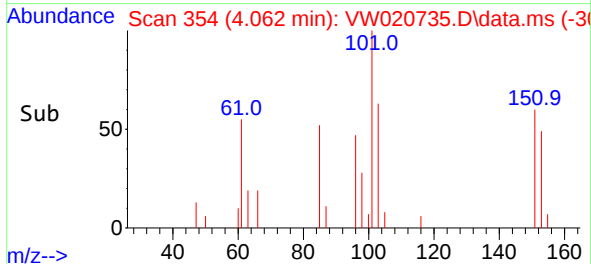
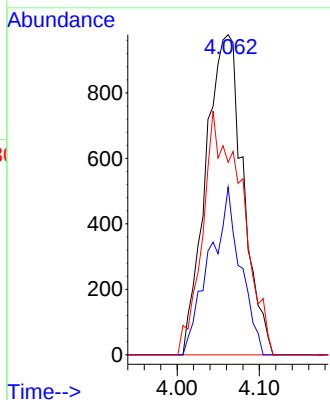
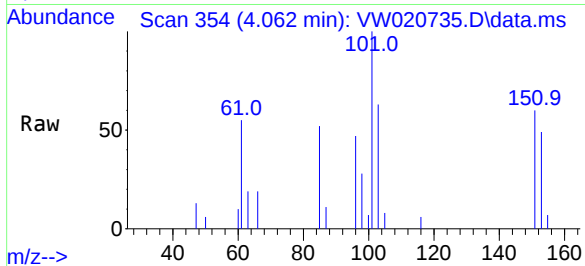
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.976 ug/l
RT: 4.062 min Scan# 353
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 3092
Ion Ratio Lower Upper
101 100
85 43.5 35.2 52.8
151 79.9 65.0 97.4

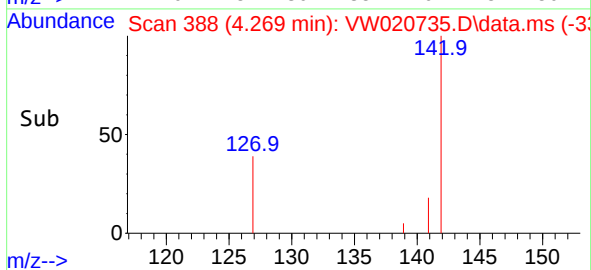
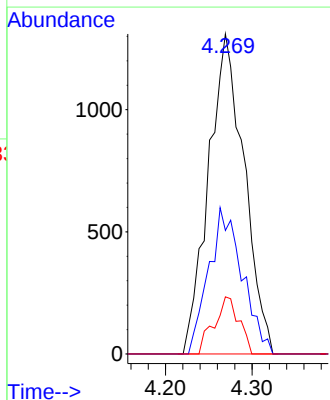
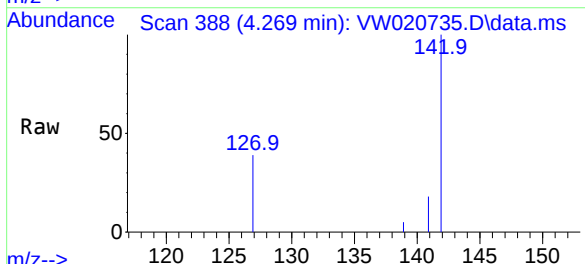
Manual Integrations
APPROVED

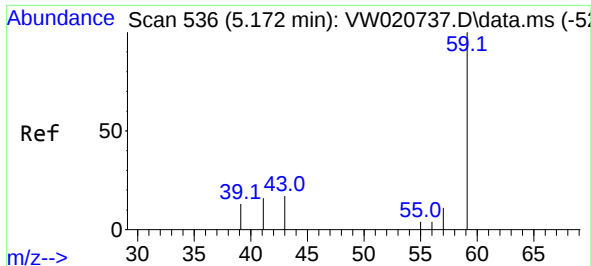
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#10
Methyl Iodide
Concen: 11.528 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion:142 Resp: 3740
Ion Ratio Lower Upper
142 100
127 43.2 34.3 51.5
141 12.5 12.2 18.2





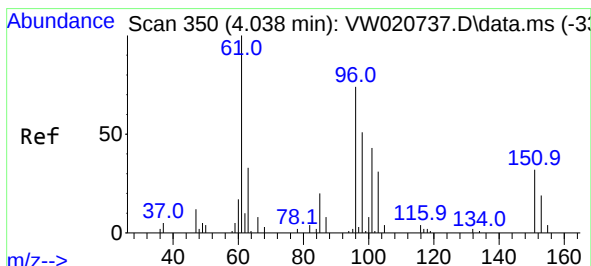
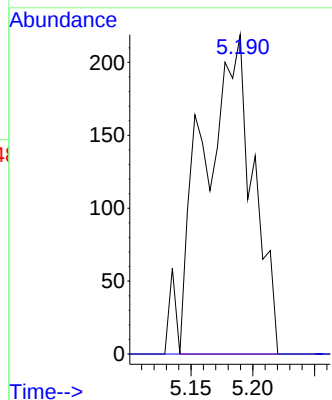
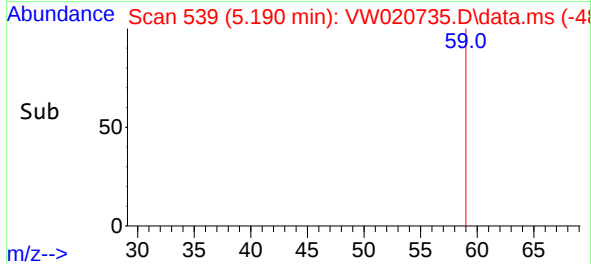
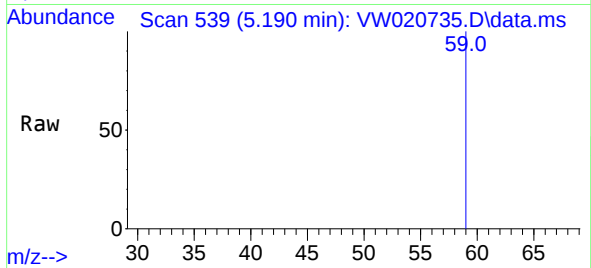
#11
Tert butyl alcohol
Concen: 33.622 ug/l m
RT: 5.190 min Scan# 51
Delta R.T. 0.018 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 603
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7

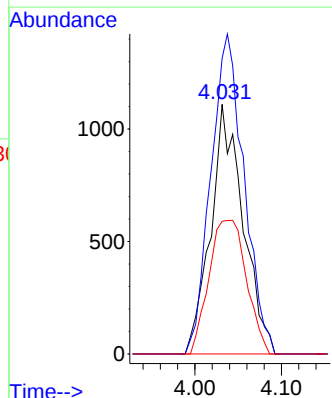
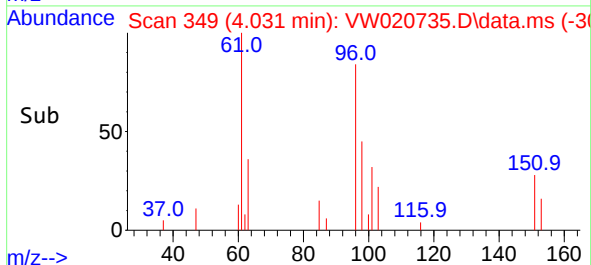
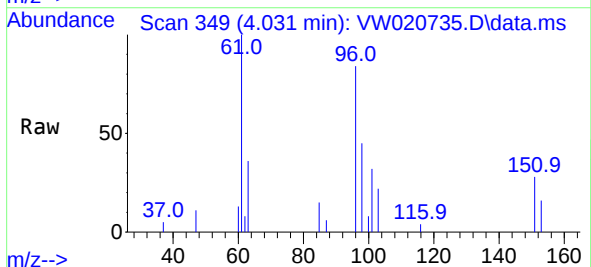
Manual Integrations
APPROVED

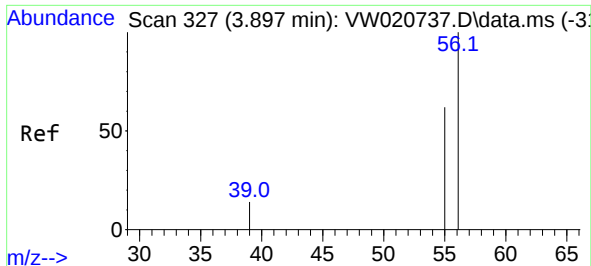
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#12
1,1-Dichloroethene
Concen: 10.576 ug/l
RT: 4.031 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

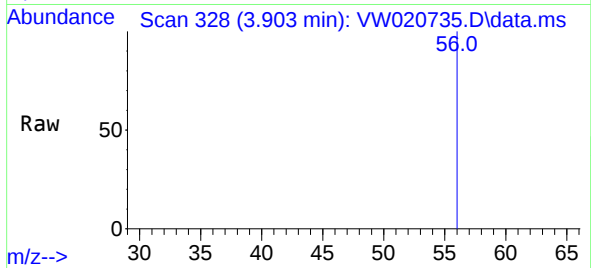
Tgt Ion: 96 Resp: 2879
Ion Ratio Lower Upper
96 100
61 118.5 108.1 162.1
98 53.2 55.4 83.2





#13
Acrolein
Concen: 34.908 ug/l m
RT: 3.903 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

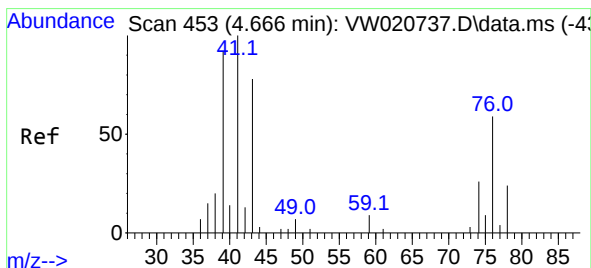
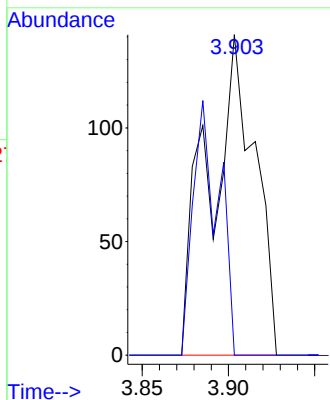
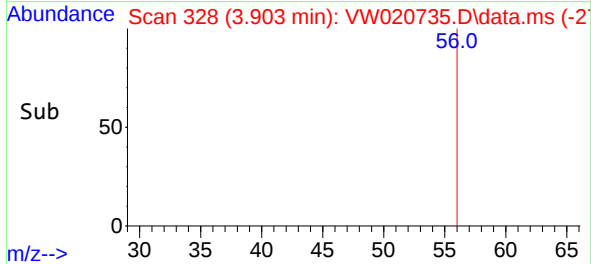
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 0.0 52.5 78.7

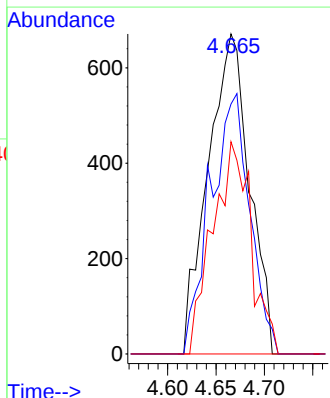
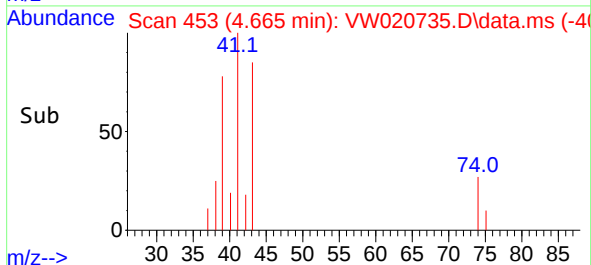
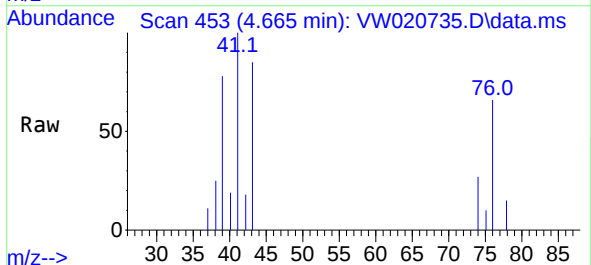
Manual Integrations
APPROVED

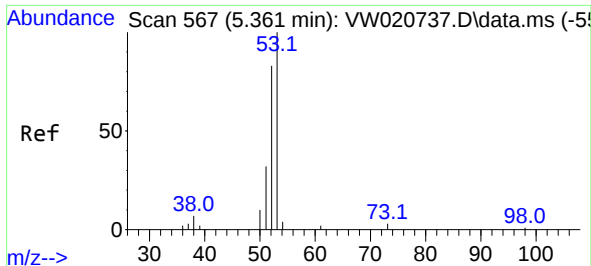
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#14
Allyl chloride
Concen: 5.241 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

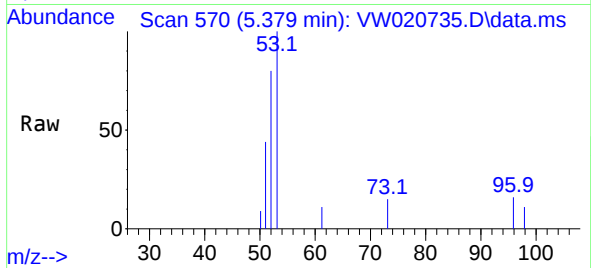
Tgt Ion: 41 Resp: 1994
Ion Ratio Lower Upper
41 100
39 77.7 67.3 100.9
76 61.6 45.8 68.8





#15
Acrylonitrile
Concen: 36.045 ug/l
RT: 5.379 min Scan# 518
Delta R.T. 0.018 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

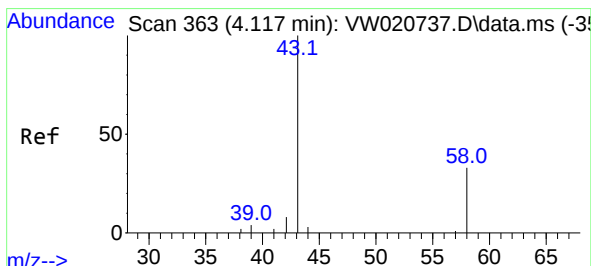
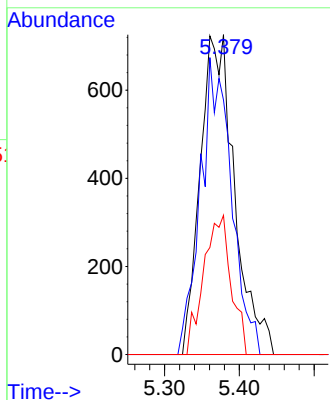
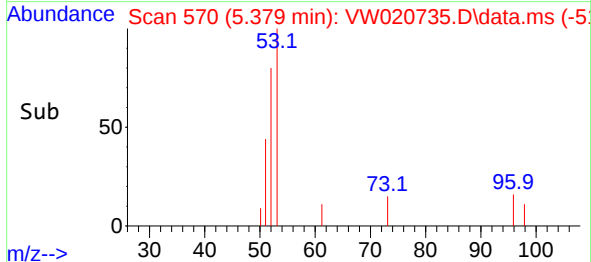
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



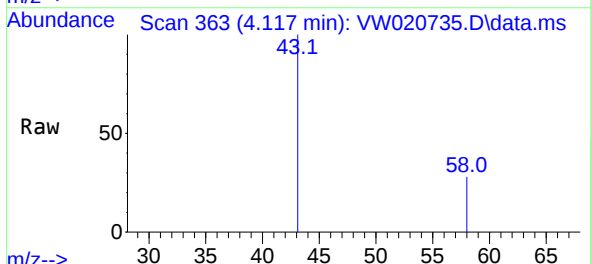
Tgt Ion: 53 Resp: 2318
Ion Ratio Lower Upper
53 100
52 83.7 63.7 95.5
51 34.7 27.5 41.3

Manual Integrations
APPROVED

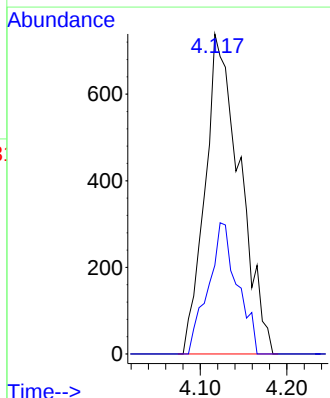
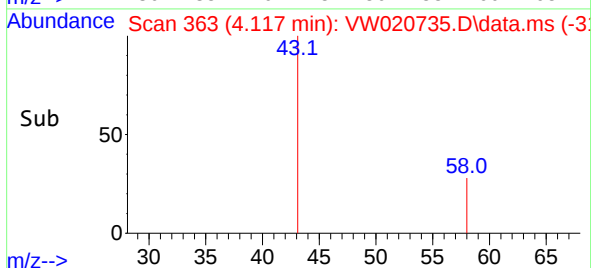
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

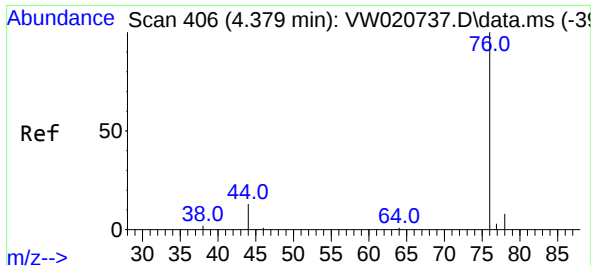


#16
Acetone
Concen: 28.820 ug/l
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.6





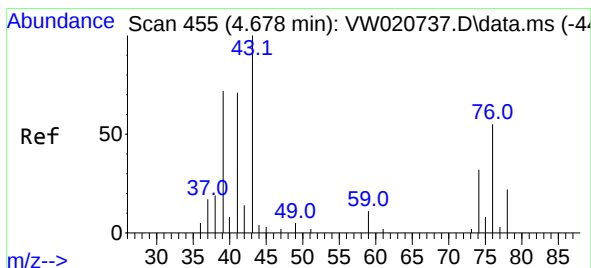
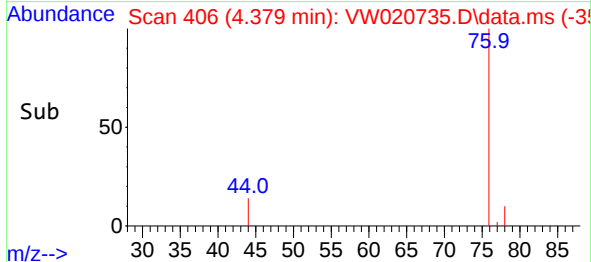
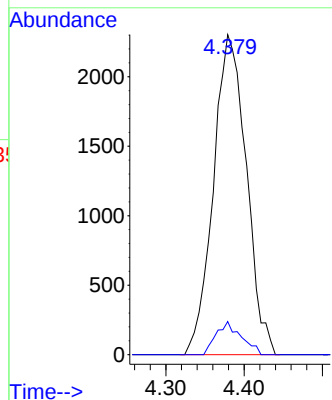
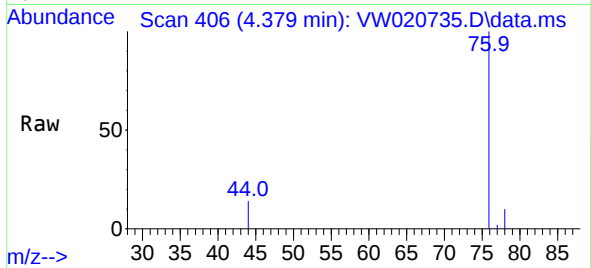
#17
Carbon Disulfide
Concen: 9.077 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 6728
Ion Ratio Lower Upper
76 100
78 10.3 6.4 9.6

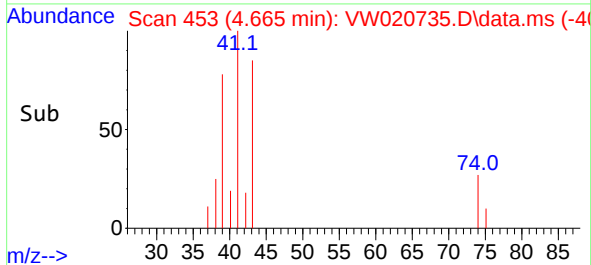
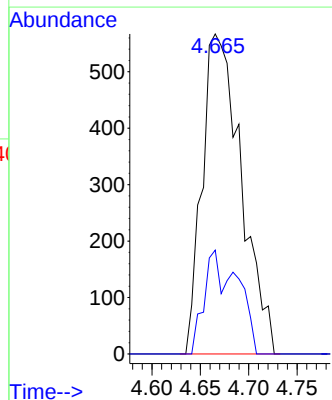
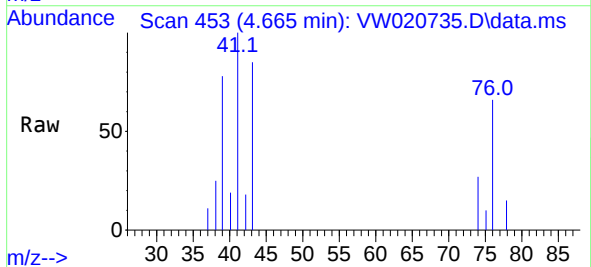
Manual Integrations
APPROVED

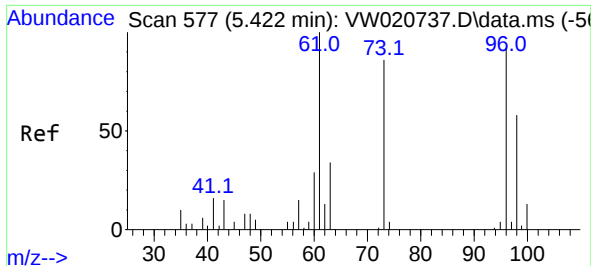
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#18
Methyl Acetate
Concen: 6.841 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.012 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

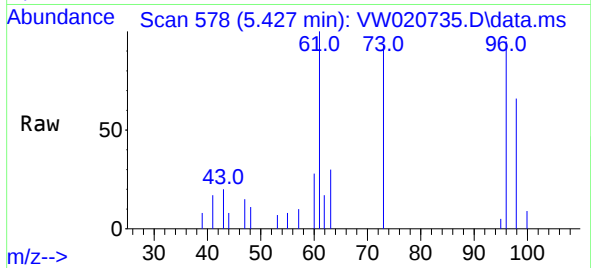
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
74 16.9 27.0 40.6





#19
Methyl tert-butyl Ether
Concen: 7.976 ug/l
RT: 5.427 min Scan# 519
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

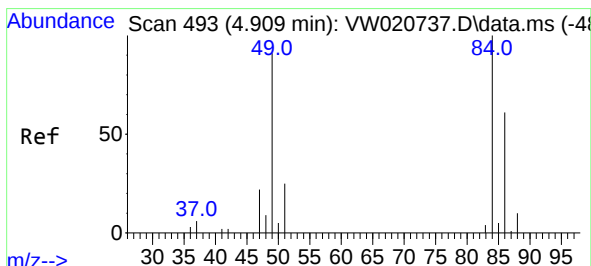
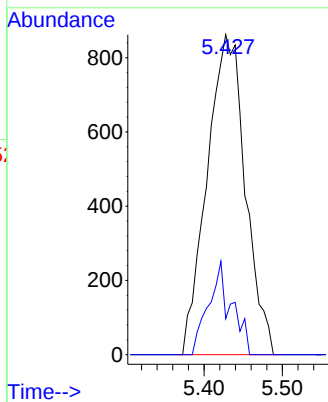
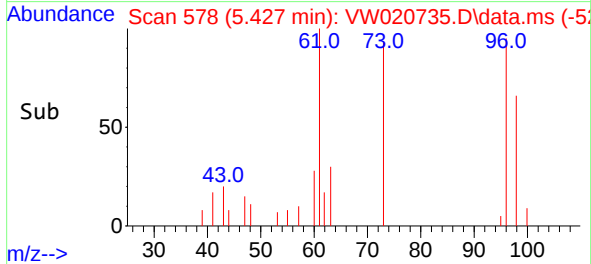
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



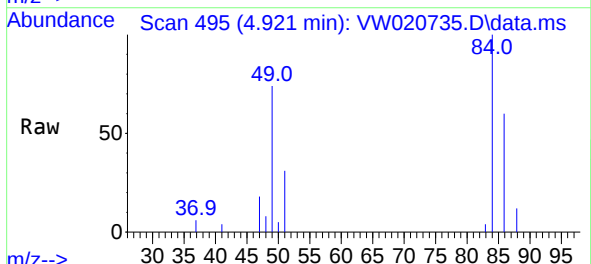
Tgt Ion: 73 Resp: 2919
Ion Ratio Lower Upper
73 100
57 11.3 14.4 21.6

Manual Integrations
APPROVED

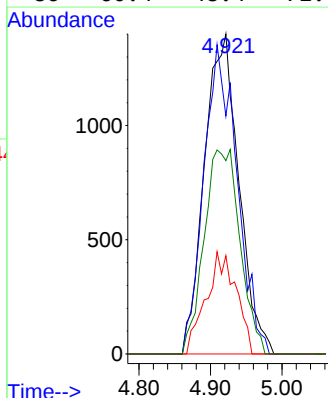
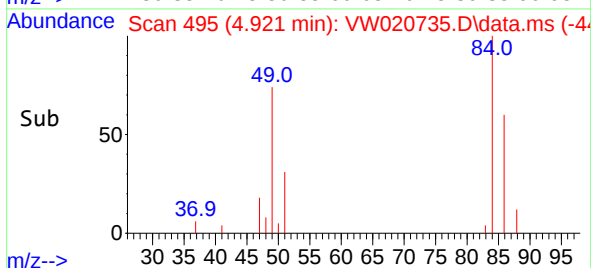
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

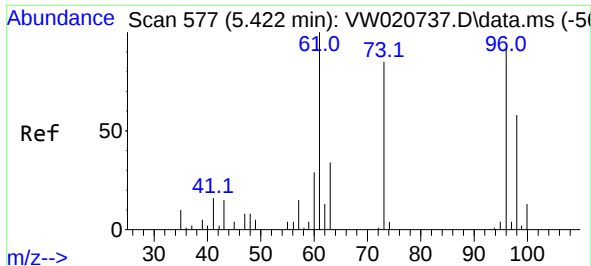


#20
Methylene Chloride
Concen: 12.819 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



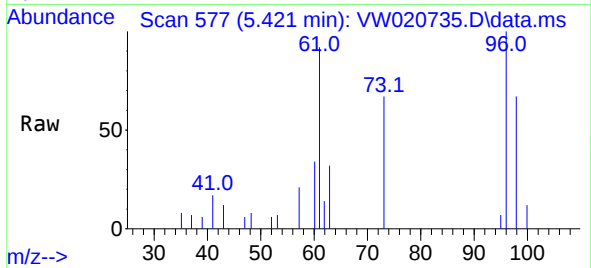
Tgt Ion: 84 Resp: 4673
Ion Ratio Lower Upper
84 100
49 74.4 72.6 108.8
51 30.7 19.7 29.5#
86 60.4 48.4 72.6





#21
trans-1,2-Dichloroethene
Concen: 10.278 ug/l
RT: 5.421 min Scan# 513
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

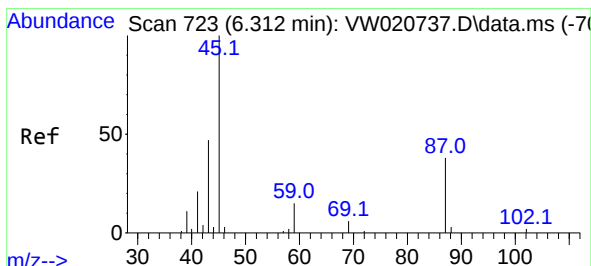
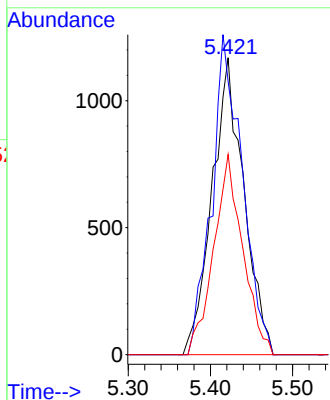
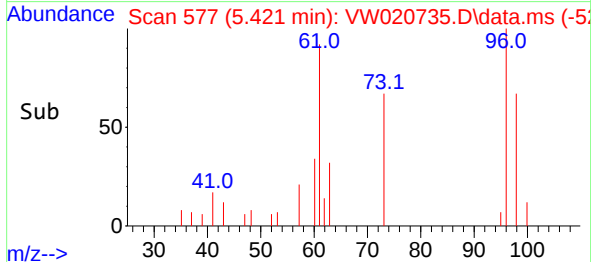
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



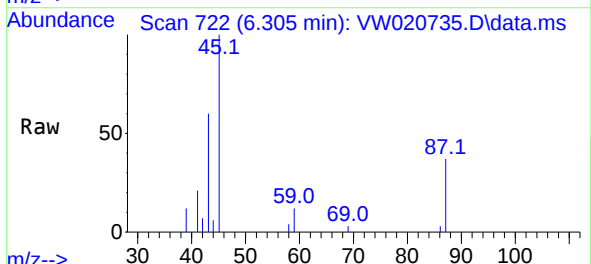
Tgt Ion: 96 Resp: 3139
Ion Ratio Lower Upper
96 100
61 92.0 87.2 130.8
98 67.4 50.9 76.3

Manual Integrations
APPROVED

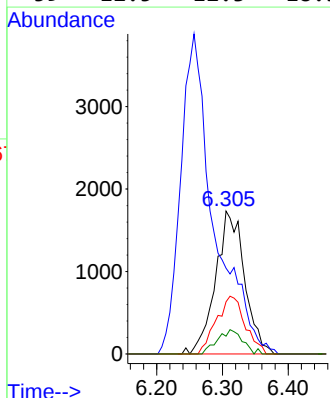
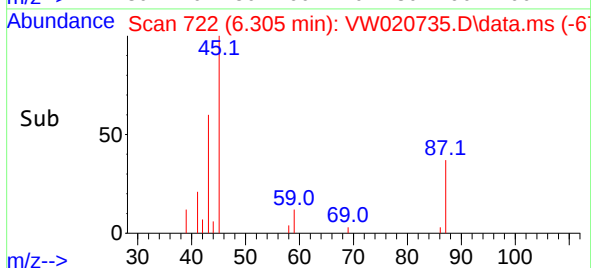
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

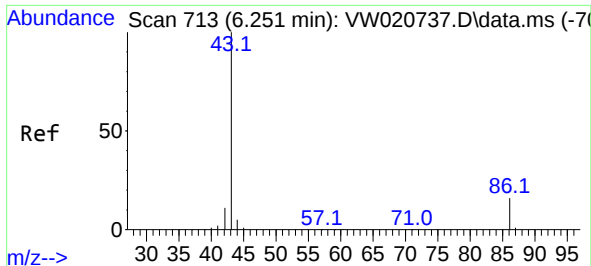


#22
Diisopropyl ether
Concen: 6.500 ug/l
RT: 6.305 min Scan# 722
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



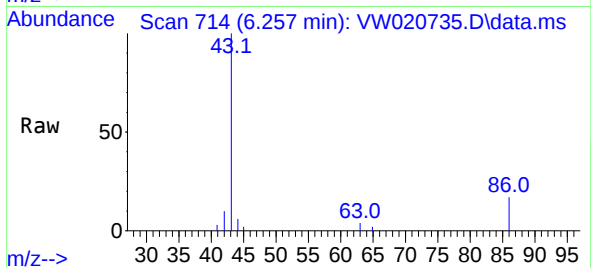
Tgt Ion: 45 Resp: 5308
Ion Ratio Lower Upper
45 100
43 60.0 44.3 66.5
87 36.5 31.4 47.0
59 12.5 12.3 18.5





#23
 Vinyl Acetate
 Concen: 30.478 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW020735.D
 Acq: 01 Nov 2021 15:18

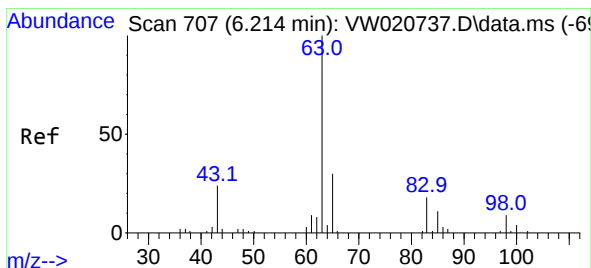
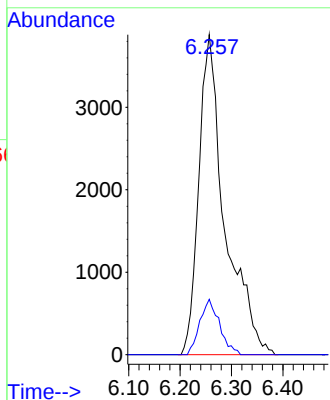
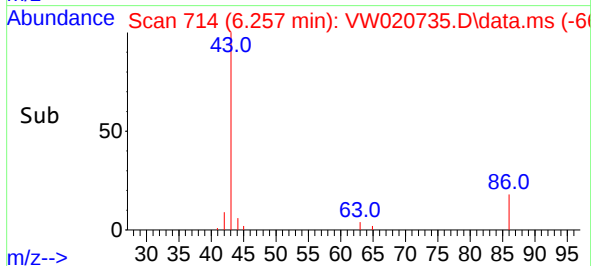
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010



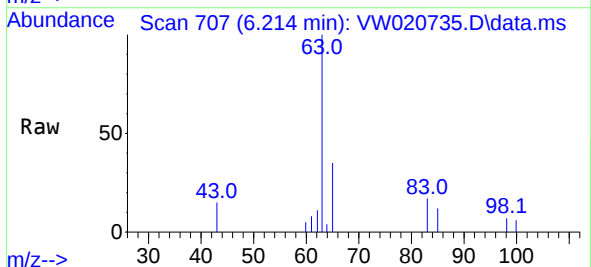
Tgt Ion: 43 Resp: 1365
 Ion Ratio Lower Upper
 43 100
 86 17.3 13.0 19.4

Manual Integrations
 APPROVED

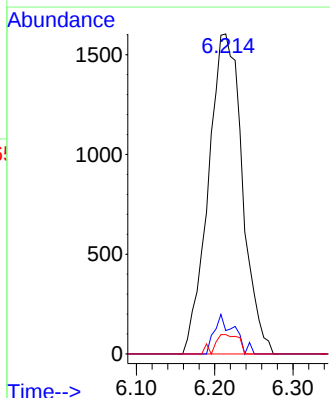
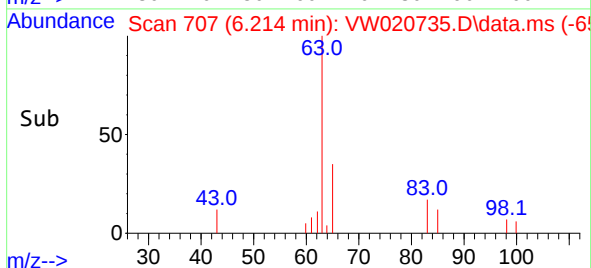
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

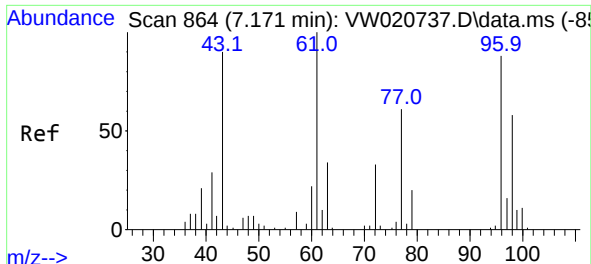


#24
 1,1-Dichloroethane
 Concen: 8.895 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW020735.D
 Acq: 01 Nov 2021 15:18



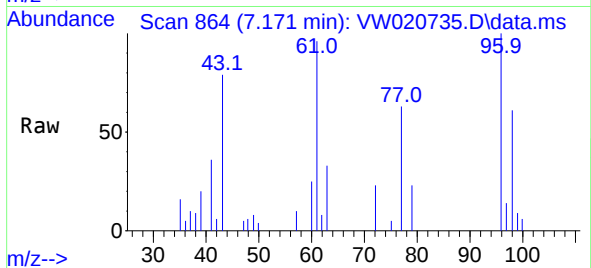
Tgt Ion: 63 Resp: 4836
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.4 13.2
 100 6.0 2.1 6.2





#25
2-Butanone
Concen: 31.258 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

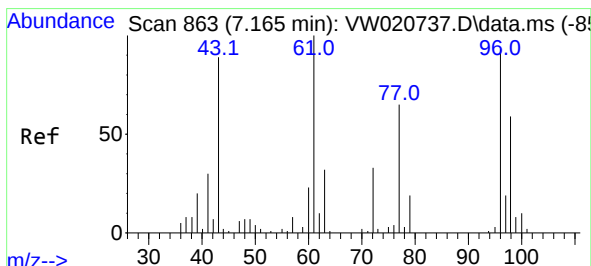
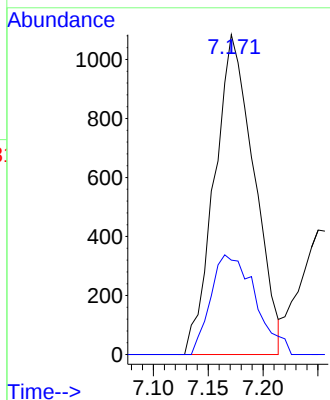
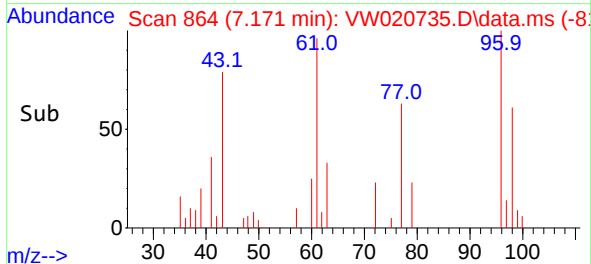
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



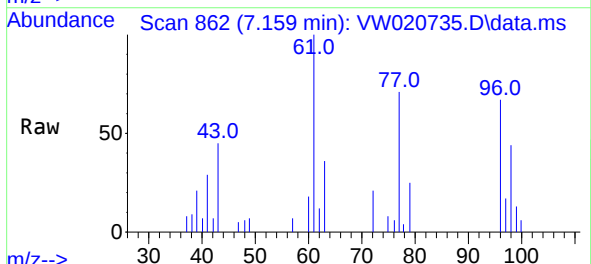
Tgt Ion: 43 Resp: 2728
Ion Ratio Lower Upper
43 100
72 29.5 29.3 43.9

Manual Integrations
APPROVED

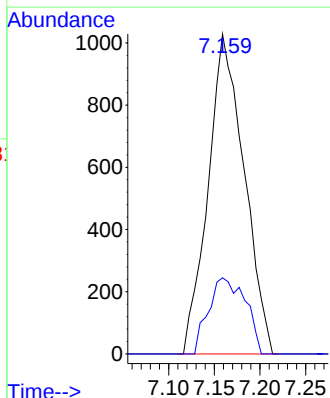
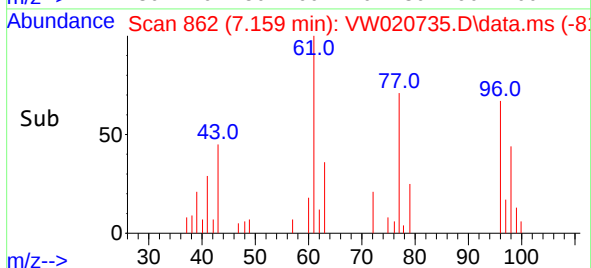
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

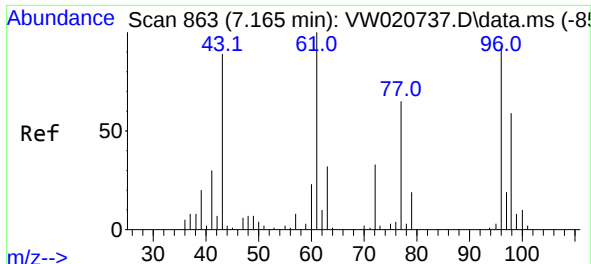


#26
2,2-Dichloropropane
Concen: 9.229 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



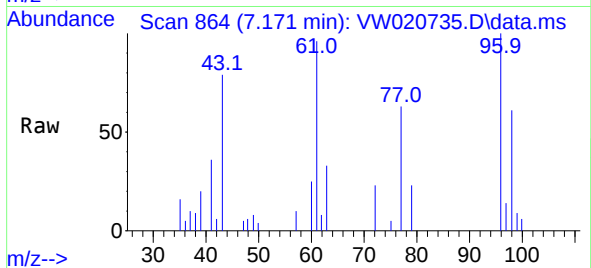
Tgt Ion: 77 Resp: 2814
Ion Ratio Lower Upper
77 100
97 24.4 13.5 40.5





#27
cis-1,2-Dichloroethene
Concen: 10.018 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

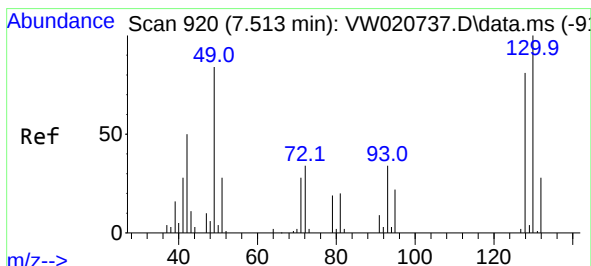
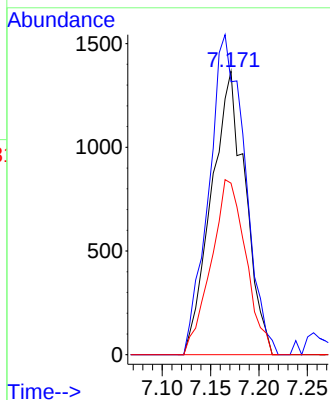
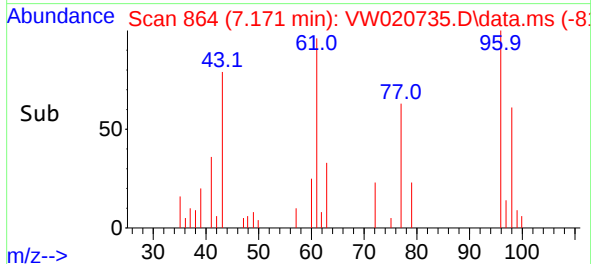
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 334
Ion Ratio Lower Upper
96 100
61 119.7 0.0 234.8
98 63.1 0.0 135.4

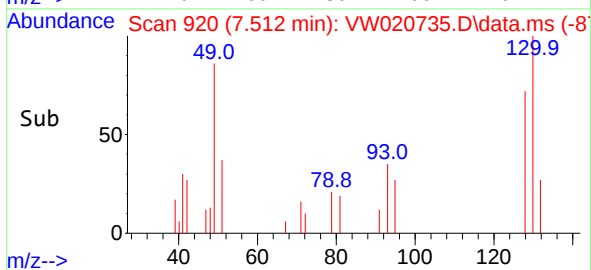
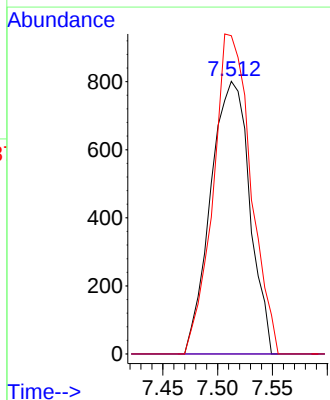
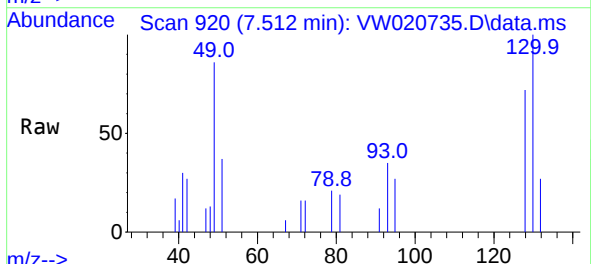
Manual Integrations
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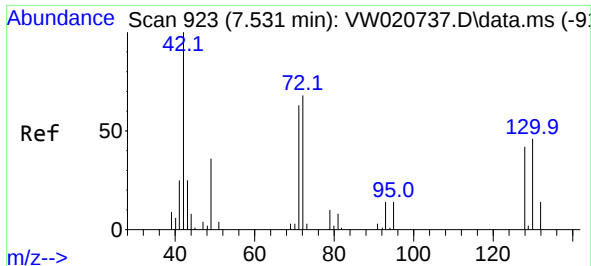
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#28
Bromochloromethane
Concen: 7.950 ug/l
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 49 Resp: 1987
Ion Ratio Lower Upper
49 100
129 0.0 0.0 7.6
130 113.2 88.2 132.2





#29

Tetrahydrofuran

Concen: 29.995 ug/l

RT: 7.525 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

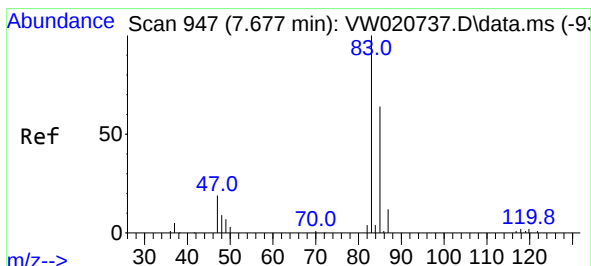
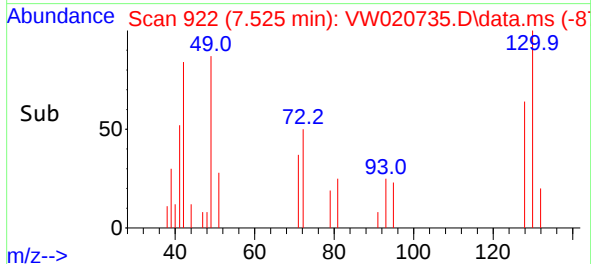
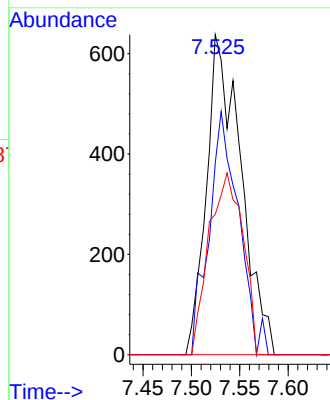
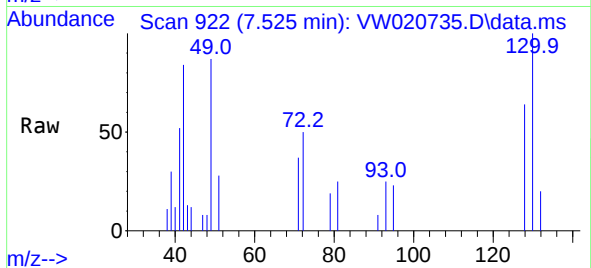
VSTDICC010

Tgt Ion: 42 Resp: 1570
 Ion Ratio Lower Upper
 42 100
 72 65.4 53.0 79.4
 71 56.1 49.4 74.2

Manual Integrations

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



#30

Chloroform

Concen: 10.441 ug/l

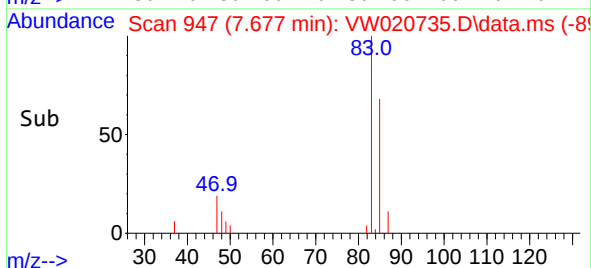
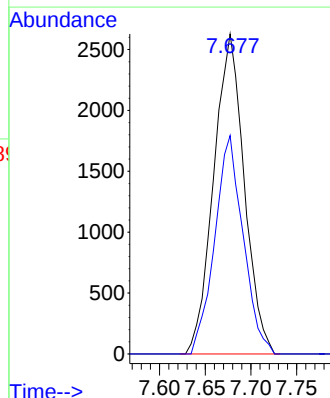
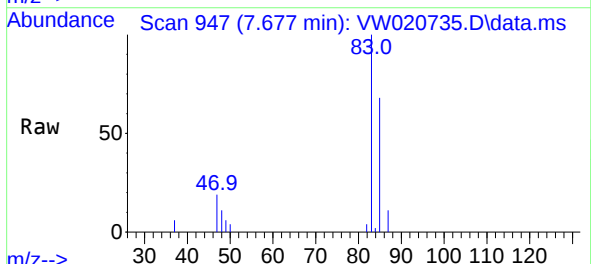
RT: 7.677 min Scan# 947

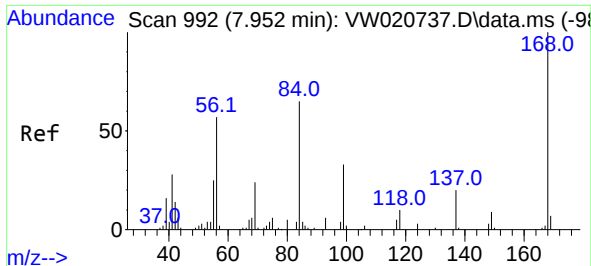
Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

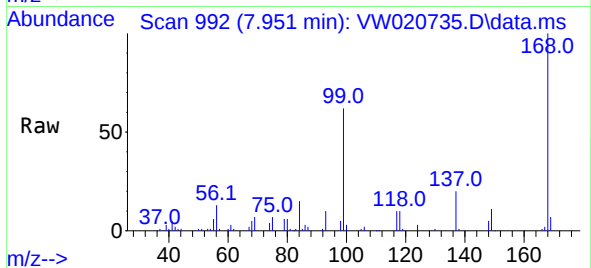
Tgt Ion: 83 Resp: 6104
 Ion Ratio Lower Upper
 83 100
 85 68.3 51.2 76.8





#31
Cyclohexane
Concen: 8.107 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

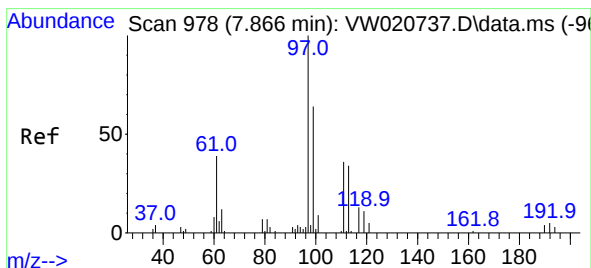
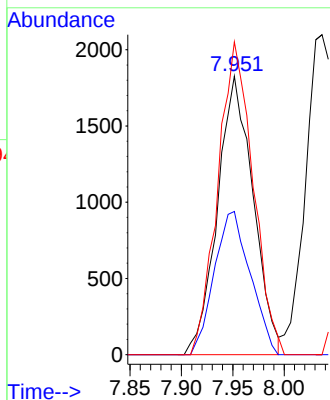
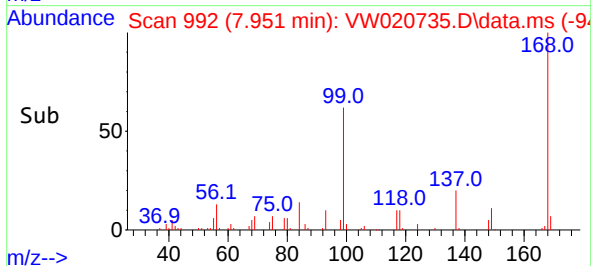
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



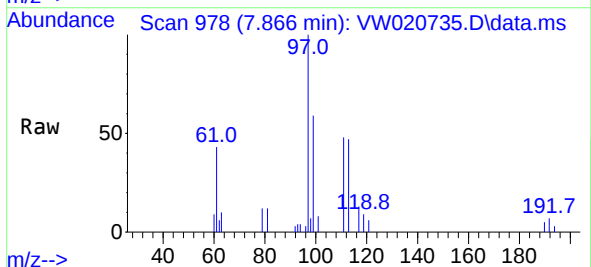
Tgt Ion: 56 Resp: 4409
Ion Ratio Lower Upper
56 100
69 51.4 34.2 51.2
84 112.3 92.3 138.5

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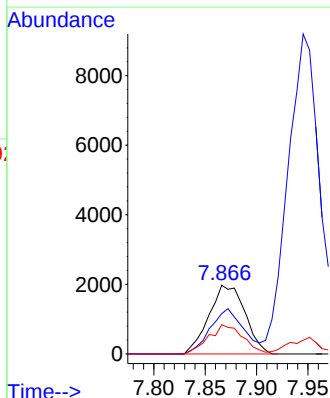
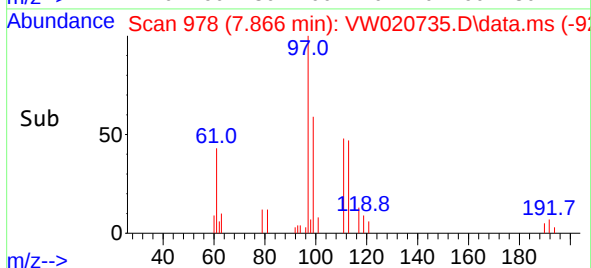
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

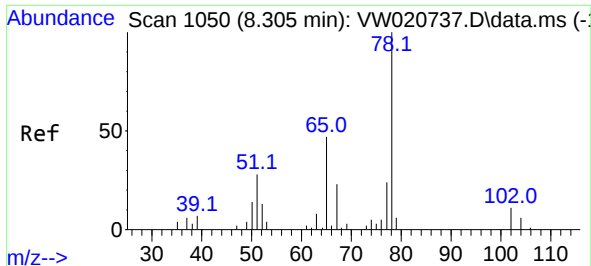


#32
1,1,1-Trichloroethane
Concen: 10.706 ug/l
RT: 7.866 min Scan# 978
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion: 97 Resp: 4832
Ion Ratio Lower Upper
97 100
99 60.8 52.1 78.1
61 40.5 30.2 45.2





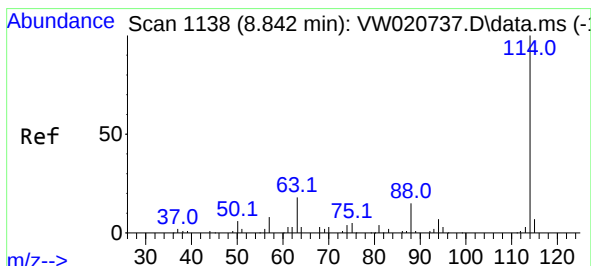
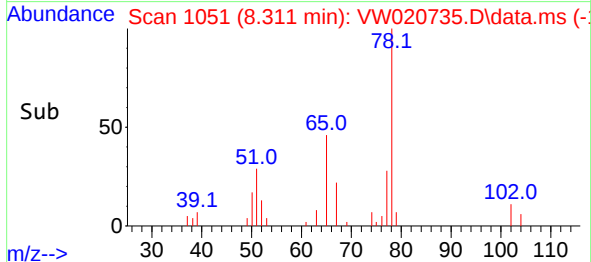
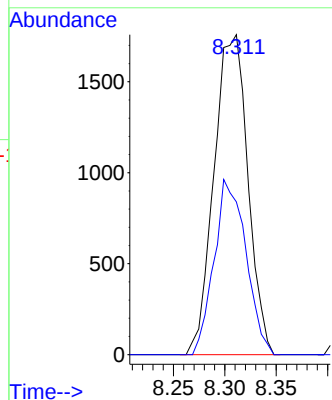
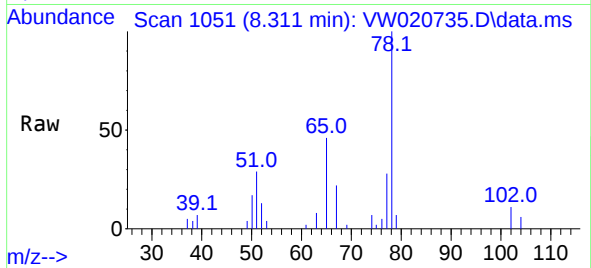
#33
1,2-Dichloroethane-d4
Concen: 12.102 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 4030
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.8

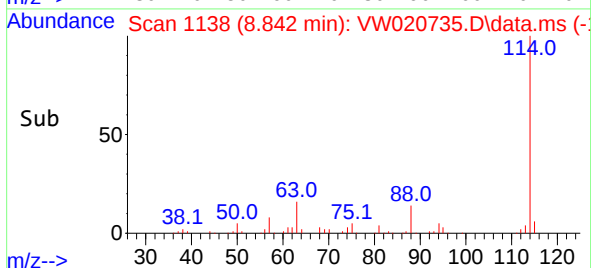
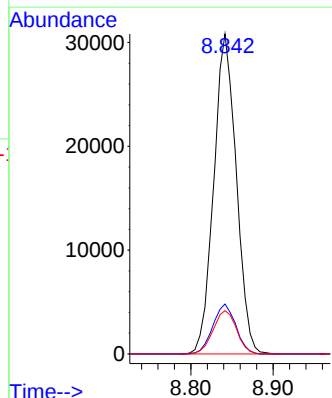
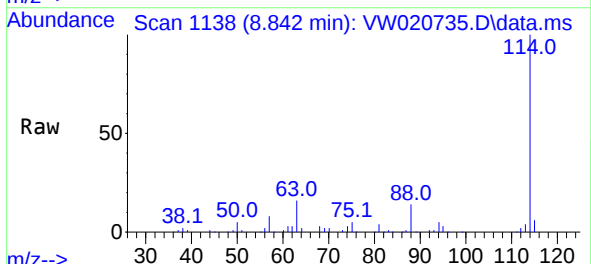
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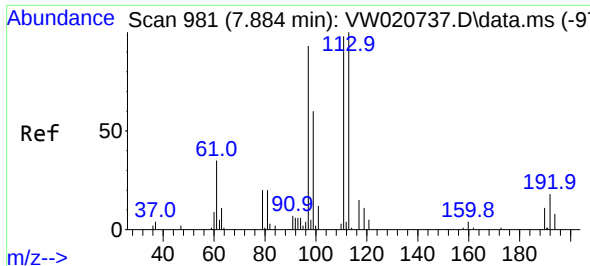
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

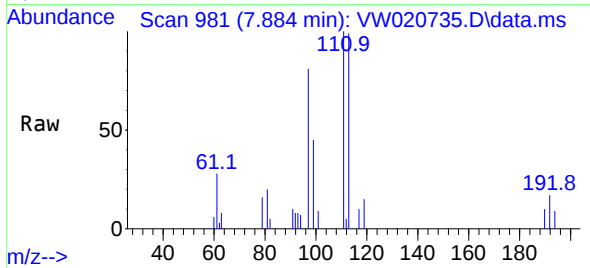
Tgt Ion:114 Resp: 58614
Ion Ratio Lower Upper
114 100
63 15.6 0.0 35.8
88 13.6 0.0 30.8





#35
Dibromofluoromethane
Concen: 11.667 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

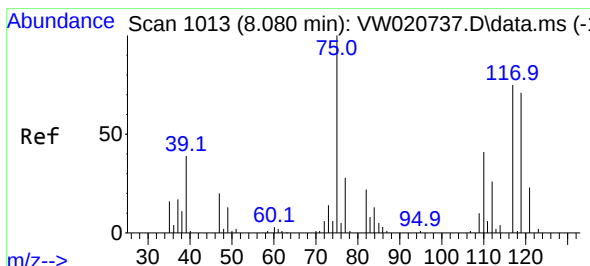
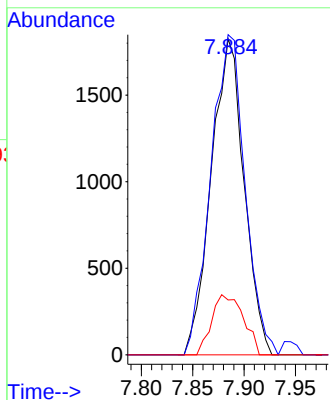
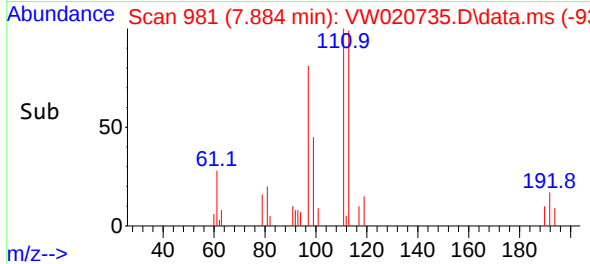
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



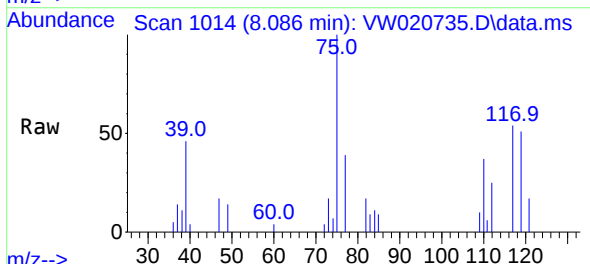
Tgt Ion: 113 Resp: 4052
Ion Ratio Lower Upper
113 100
111 105.5 81.7 122.5
192 18.3 14.7 22.1

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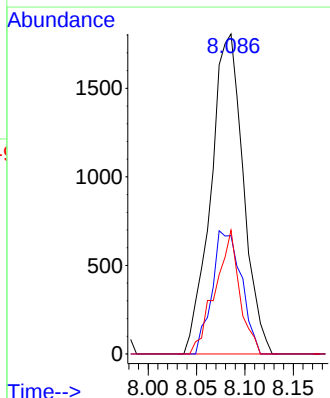
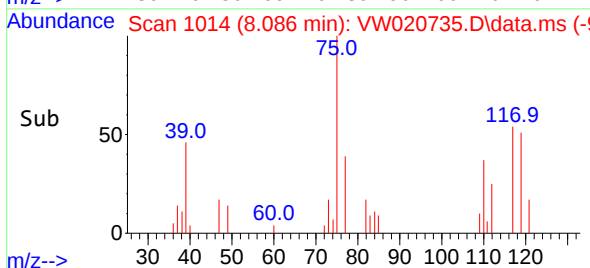
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

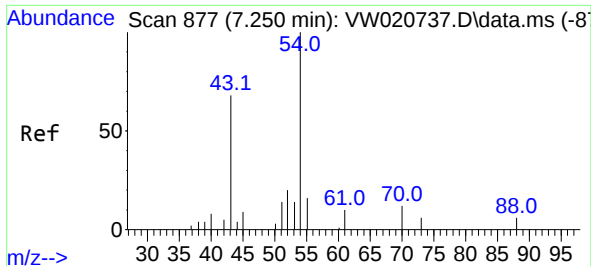


#36
1,1-Dichloropropene
Concen: 8.153 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



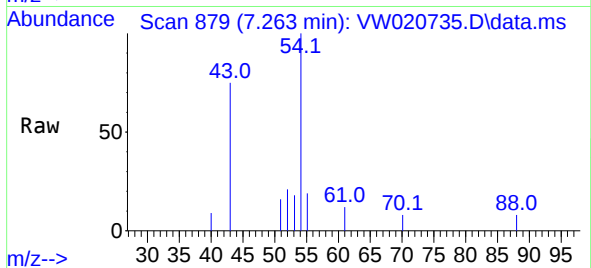
Tgt Ion: 75 Resp: 4208
Ion Ratio Lower Upper
75 100
110 34.6 20.3 60.8
77 29.2 24.2 36.4





#37
Ethyl Acetate
Concen: 5.507 ug/l
RT: 7.263 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

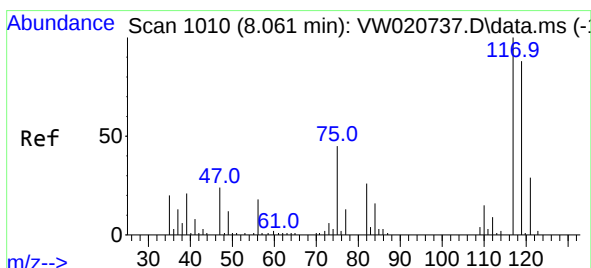
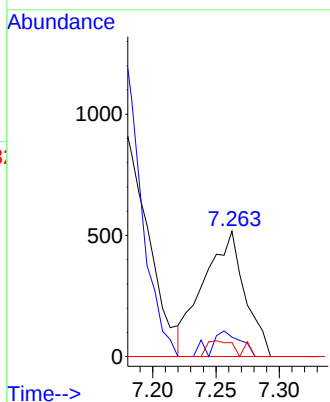
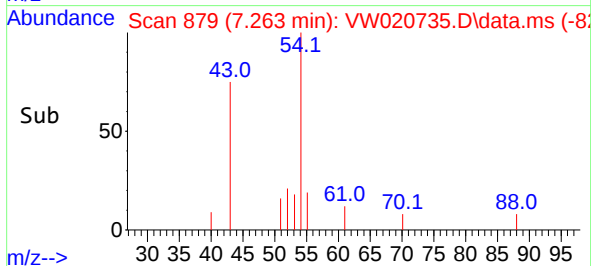
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



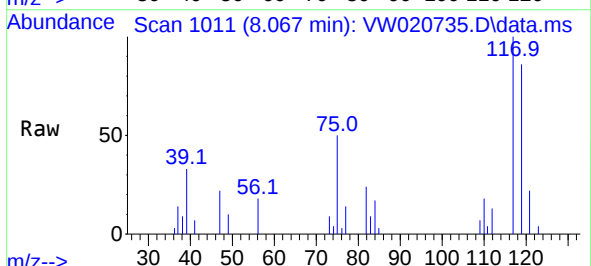
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
61 14.4 13.4 20.0
70 9.4 11.4 17.0

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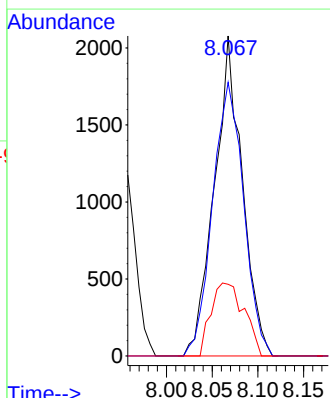
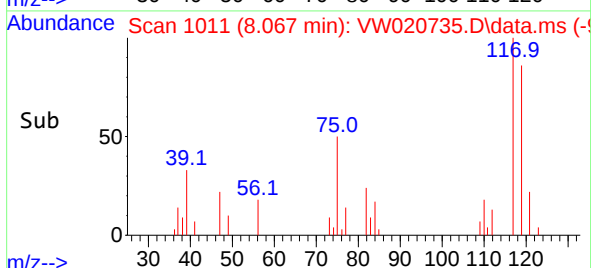
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

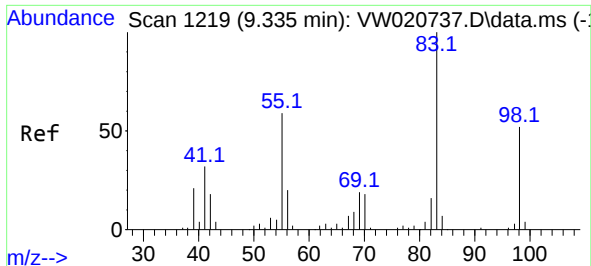


#38
Carbon Tetrachloride
Concen: 9.064 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion:117 Resp: 4411
Ion Ratio Lower Upper
117 100
119 85.5 70.6 106.0
121 22.4 23.3 34.9





#39

Methylcyclohexane

Concen: 7.240 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

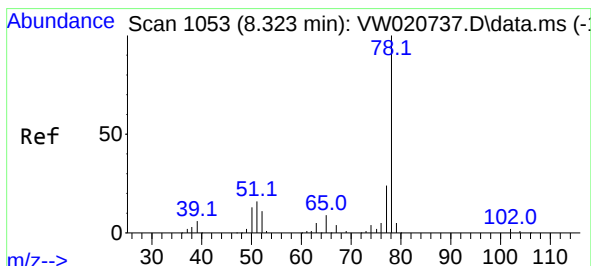
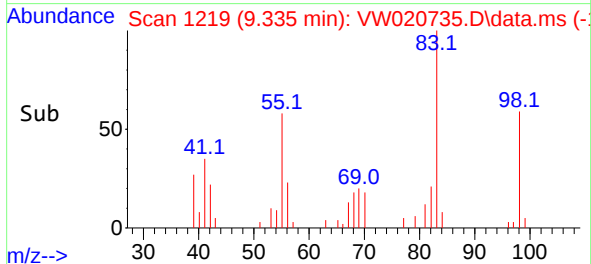
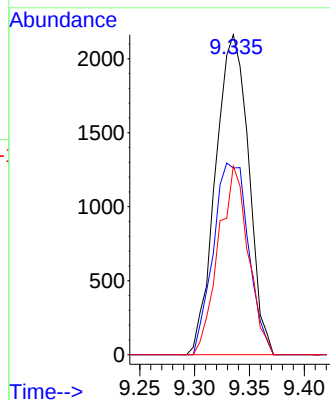
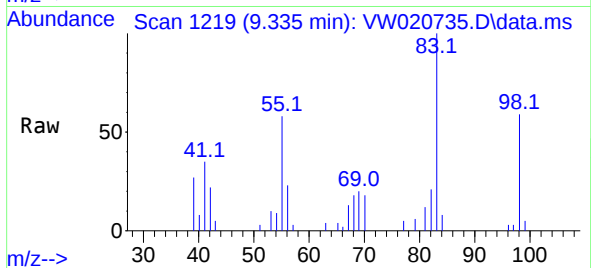
Tgt Ion: 83 Resp: 4538

Ion	Ratio	Lower	Upper
83	100		
55	58.3	47.4	71.0
98	58.9	41.8	62.6

Manual Integrations

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



#40

Benzene

Concen: 8.358 ug/l

RT: 8.323 min Scan# 1053

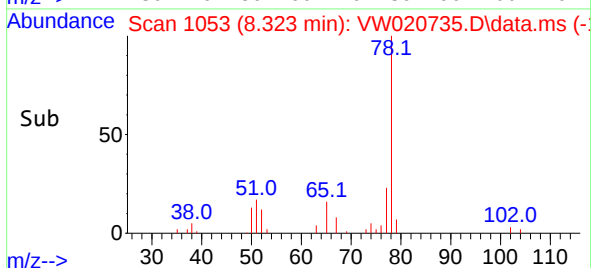
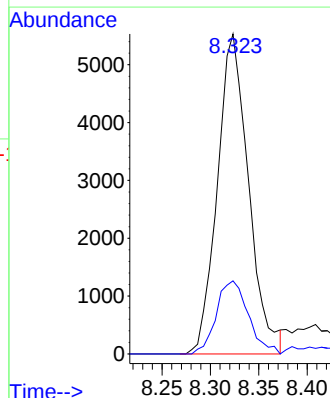
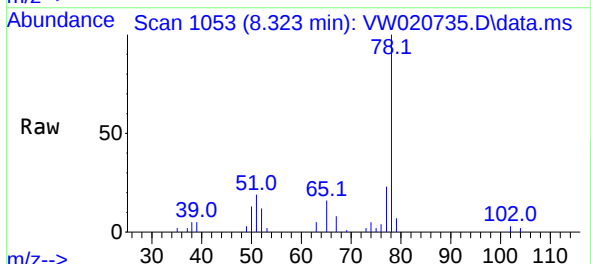
Delta R.T. -0.000 min

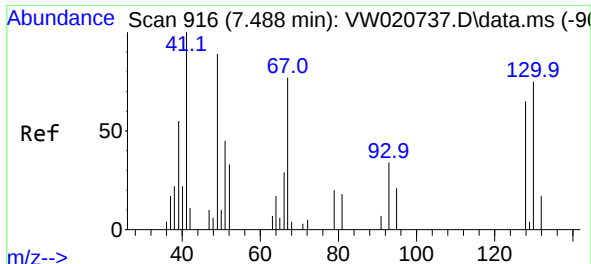
Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Tgt Ion: 78 Resp: 12393

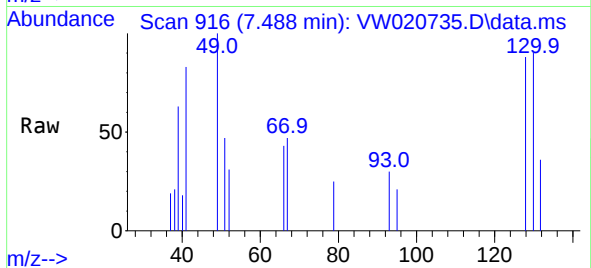
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.4





#41
Methacrylonitrile
Concen: 4.261 ug/l
RT: 7.488 min Scan# 916
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

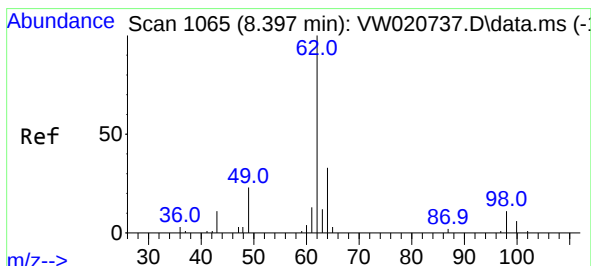
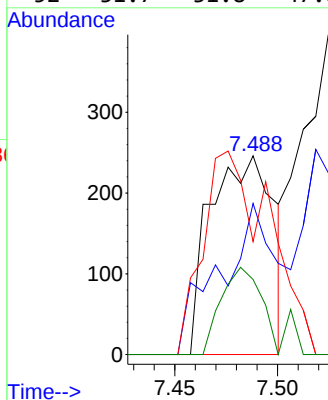
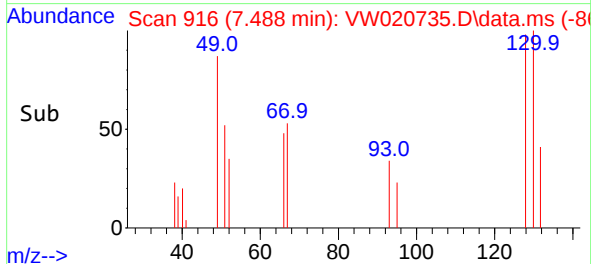
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 530
Ion Ratio Lower Upper
41 100
39 70.8 51.6 77.4
67 107.4 81.0 121.4
52 31.7 31.8 47.8#

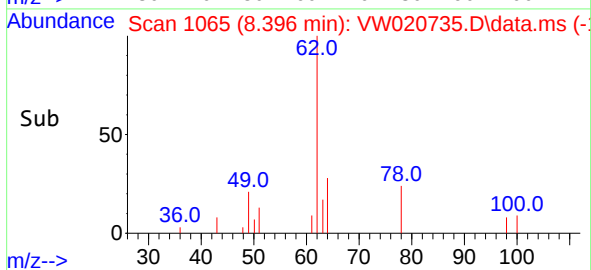
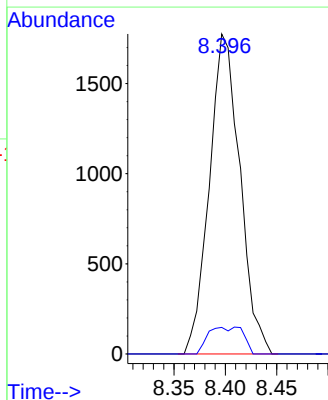
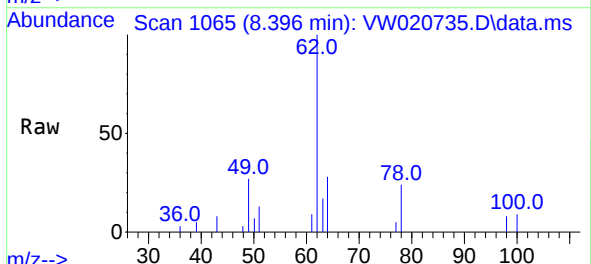
Manual Integrations
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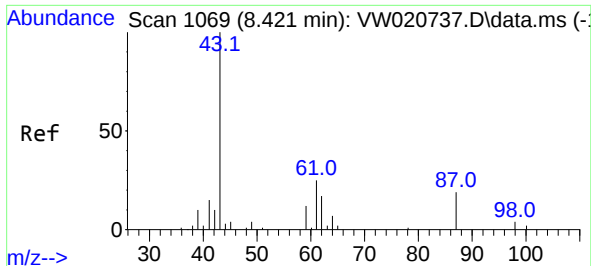
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#42
1,2-Dichloroethane
Concen: 8.135 ug/l
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 62 Resp: 3672
Ion Ratio Lower Upper
62 100
98 9.7 0.0 21.6





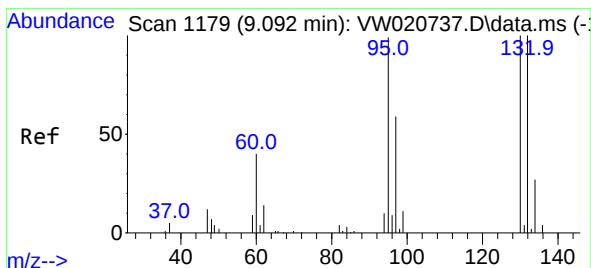
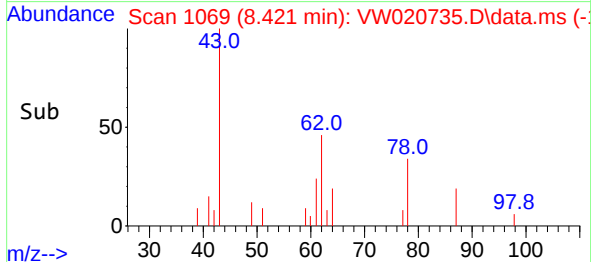
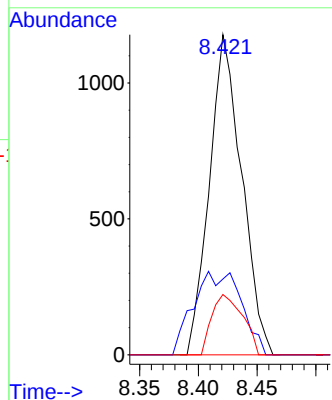
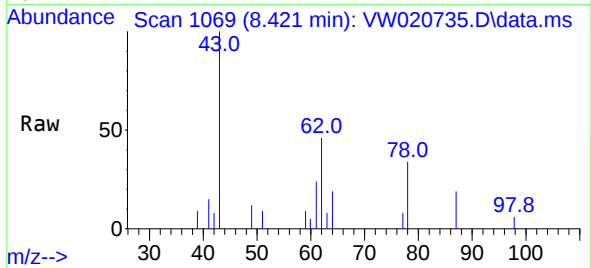
#43
Isopropyl Acetate
Concen: 5.521 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
61 20.0 30.0 45.0
87 18.0 15.0 22.4

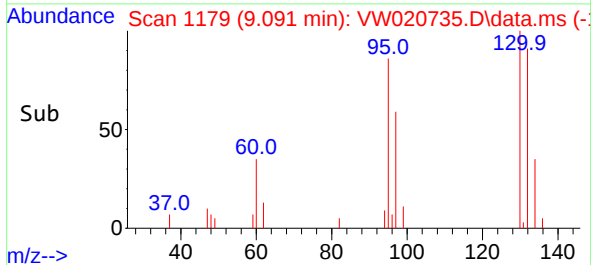
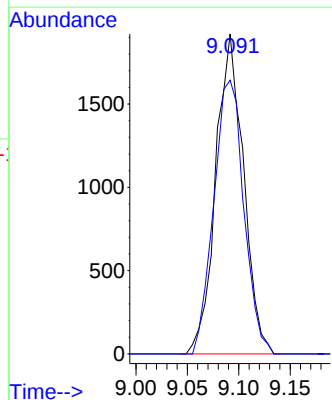
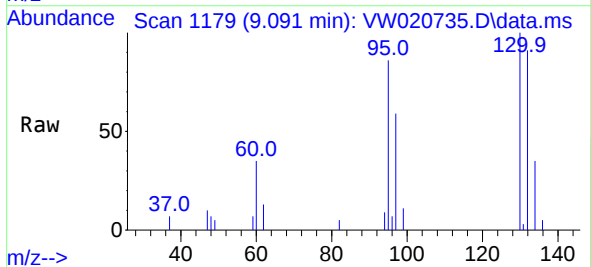
Manual Integrations
APPROVED

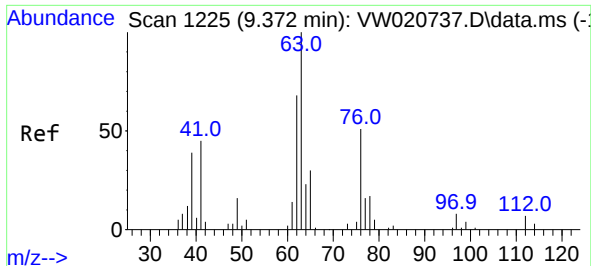
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#44
Trichloroethene
Concen: 9.106 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion:130 Resp: 3608
Ion Ratio Lower Upper
130 100
95 85.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 7.574 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 261

Ion Ratio Lower Upper

63 100

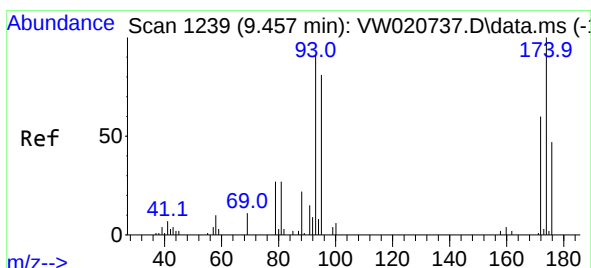
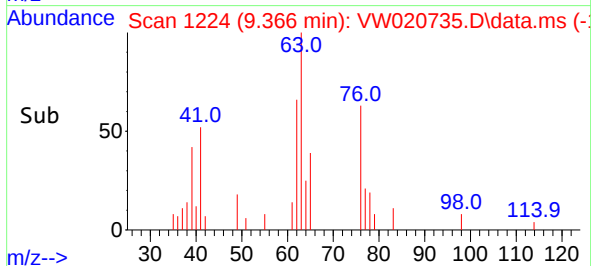
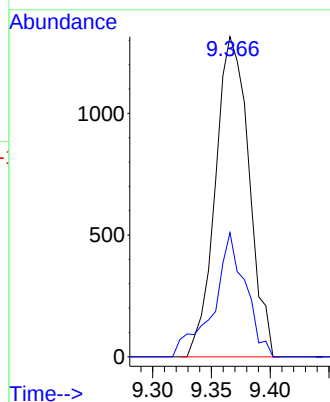
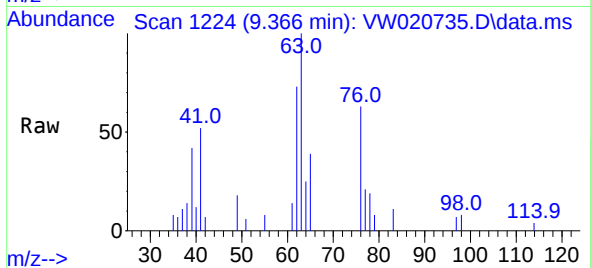
65 38.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#46

Dibromomethane

Concen: 9.995 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

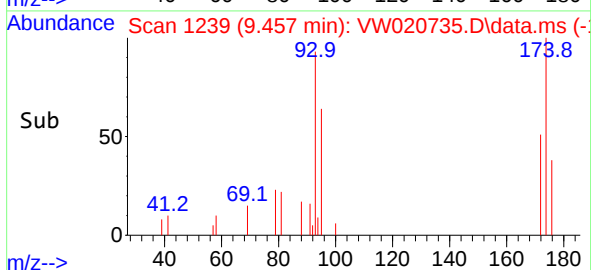
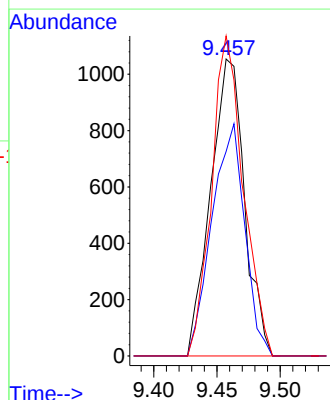
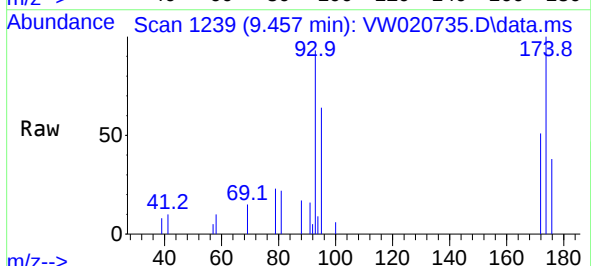
Tgt Ion: 93 Resp: 1966

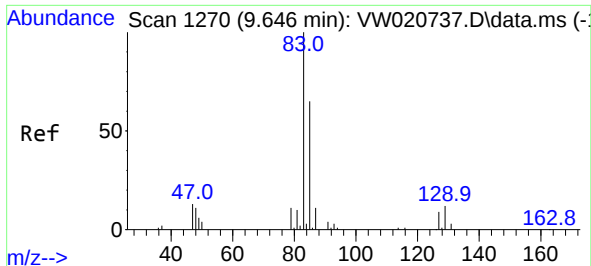
Ion Ratio Lower Upper

93 100

95 75.6 68.6 103.0

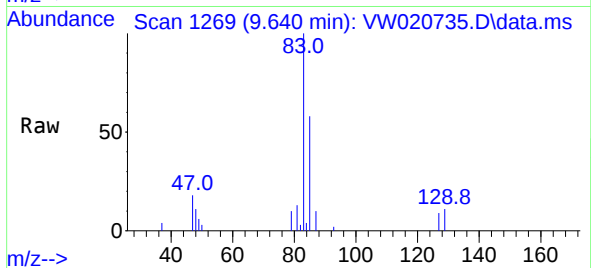
174 101.1 87.8 131.8





#47
Bromodichloromethane
Concen: 8.685 ug/l
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

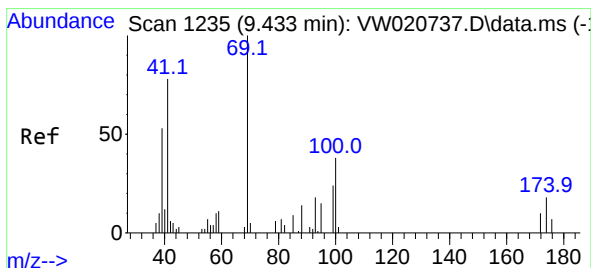
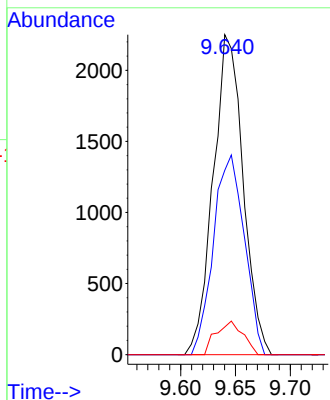
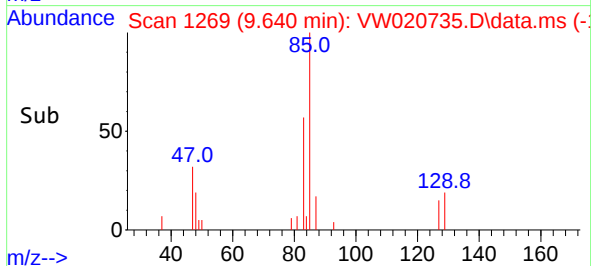
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 427
Ion Ratio Lower Upper
83 100
85 57.6 51.9 77.9
127 8.6 7.6 11.4

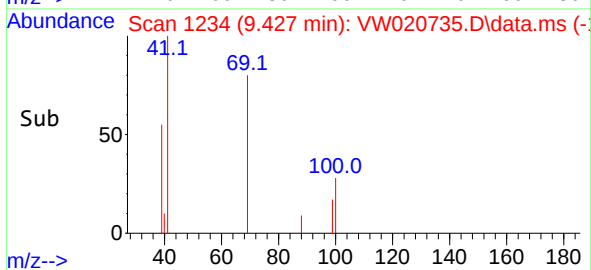
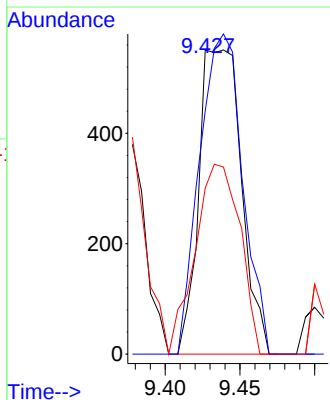
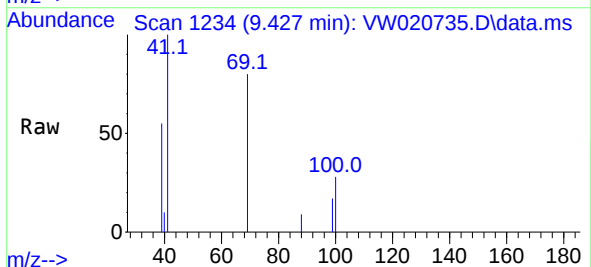
Manual Integrations
APPROVED

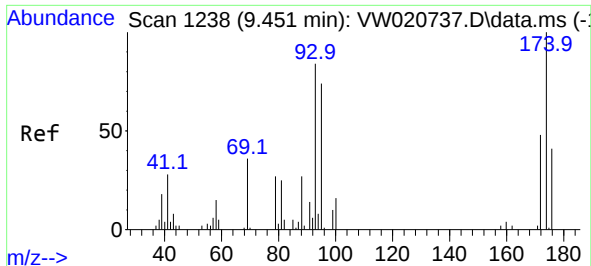
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#48
Methyl methacrylate
Concen: 5.471 ug/l
RT: 9.427 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 41 Resp: 1088
Ion Ratio Lower Upper
41 100
69 106.9 96.4 144.6
39 66.0 51.9 77.9





#49

1,4-Dioxane

Concen: 143.405 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

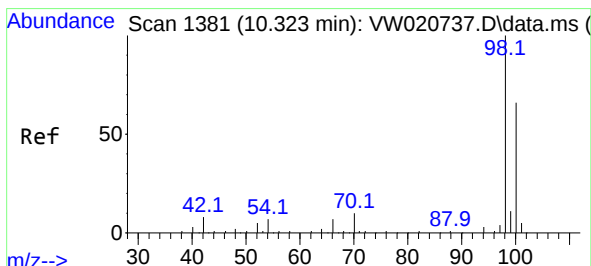
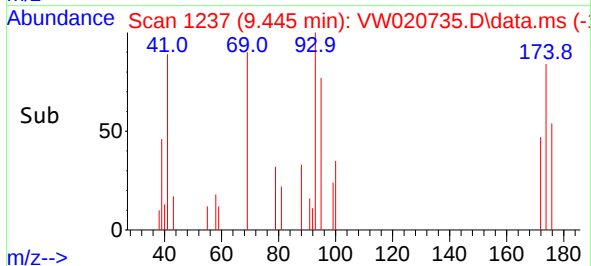
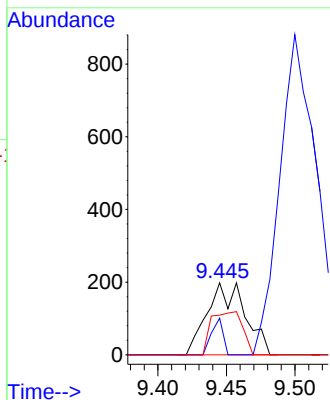
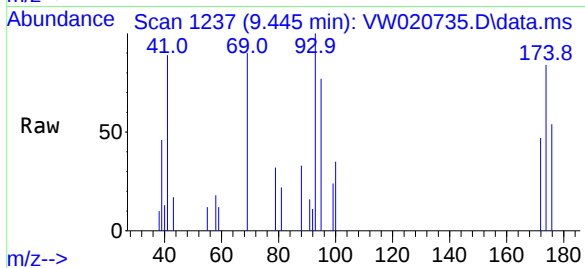
Tgt Ion: 88 Resp: 382

Ion	Ratio	Lower	Upper
88	100		
43	15.4	19.0	28.6
58	49.2	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: 11.319 ug/l

RT: 10.323 min Scan# 1381

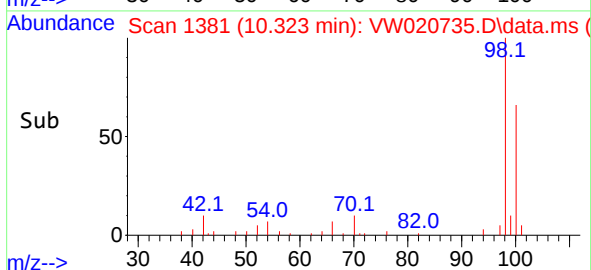
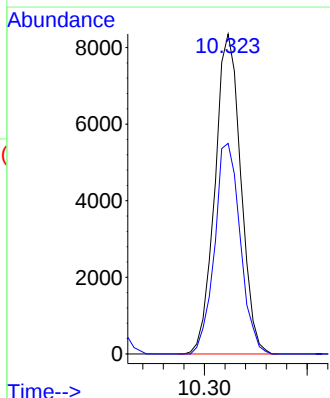
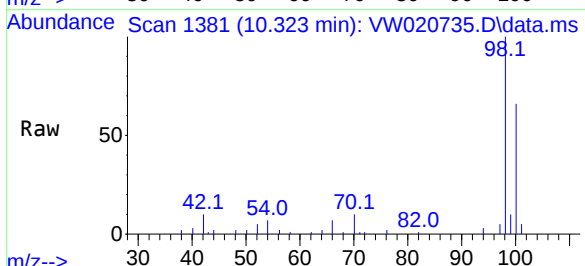
Delta R.T. -0.000 min

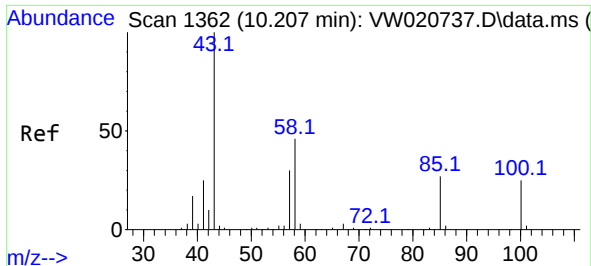
Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Tgt Ion: 98 Resp: 14558

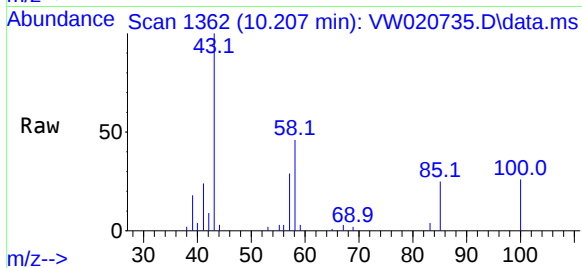
Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.2	75.4





#51
4-Methyl-2-Pentanone
Concen: 28.893 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

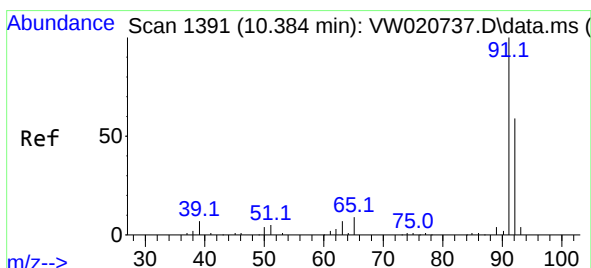
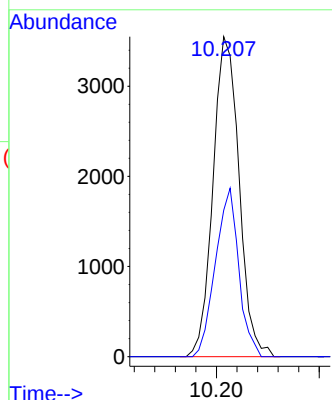
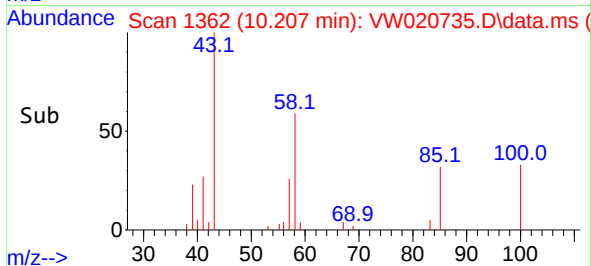
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



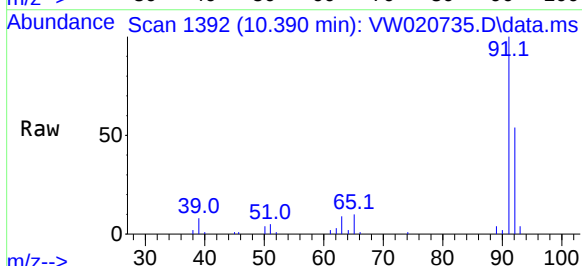
Tgt Ion: 43 Resp: 6230
Ion Ratio Lower Upper
43 100
58 47.0 37.4 56.2

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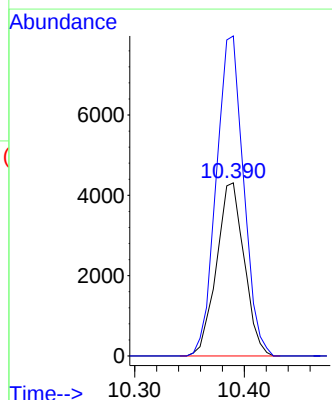
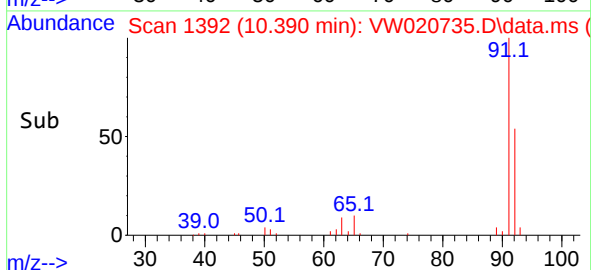
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

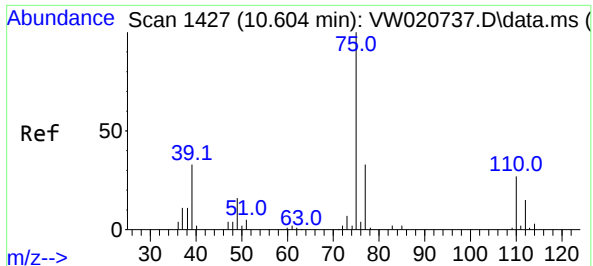


#52
Toluene
Concen: 8.307 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion: 92 Resp: 7575
Ion Ratio Lower Upper
92 100
91 182.1 144.3 216.5





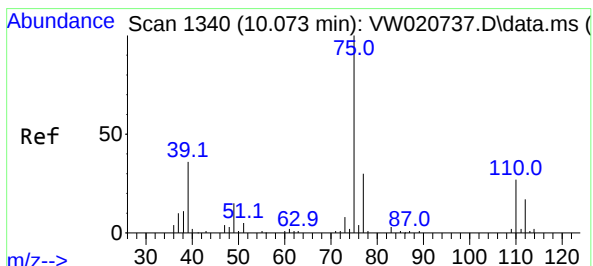
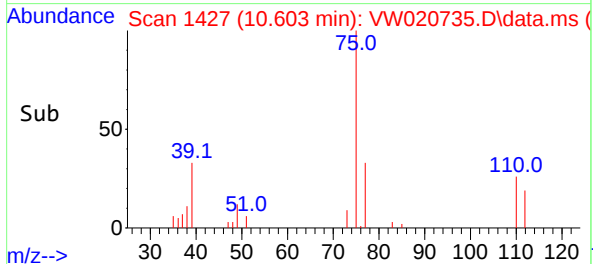
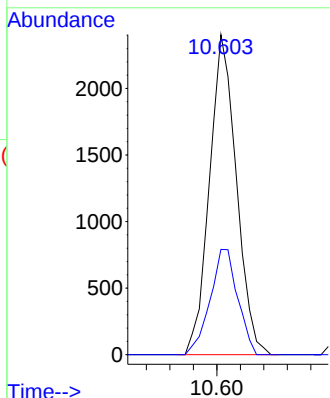
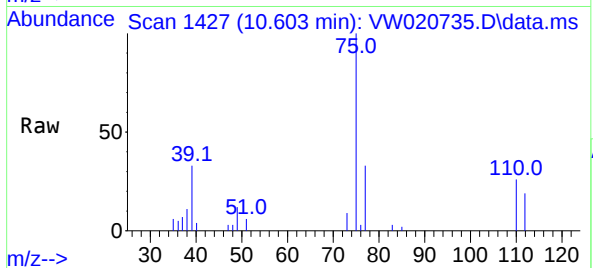
#53
t-1,3-Dichloropropene
Concen: 7.840 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 382
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1

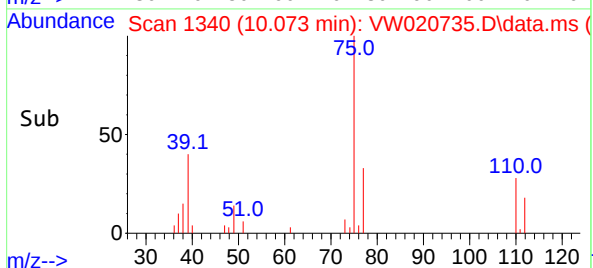
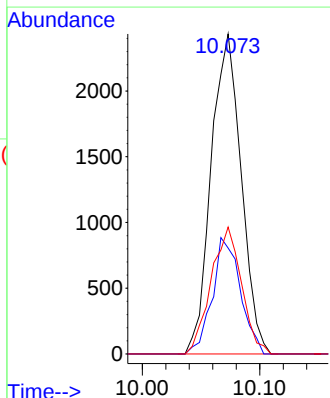
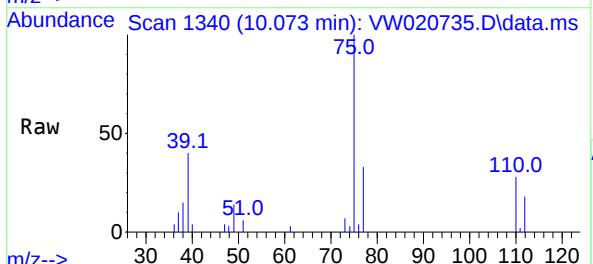
Manual Integrations
APPROVED

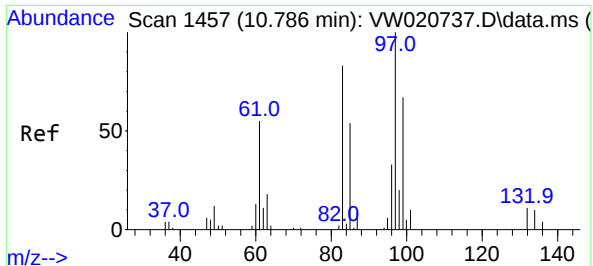
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#54
cis-1,3-Dichloropropene
Concen: 7.759 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 75 Resp: 4330
Ion Ratio Lower Upper
75 100
77 33.1 24.2 36.4
39 39.6 29.2 43.8





#55
1,1,2-Trichloroethane
Concen: 9.566 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

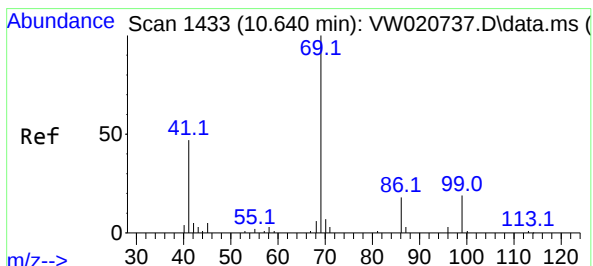
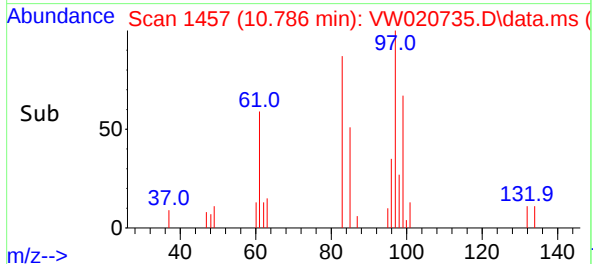
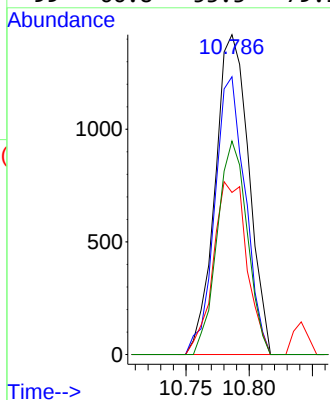
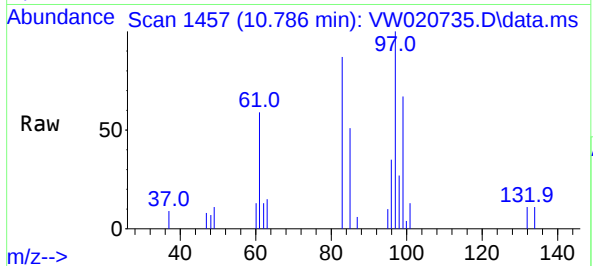
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 97 Resp: 2628

Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.5	99.7
85	50.7	43.0	64.6
99	66.8	53.3	79.9

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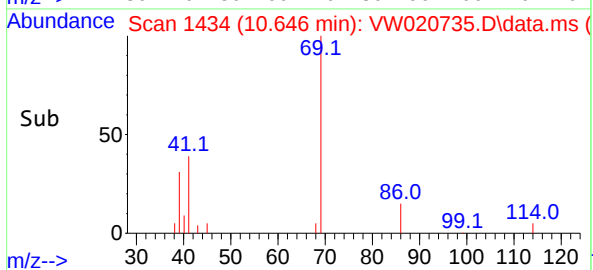
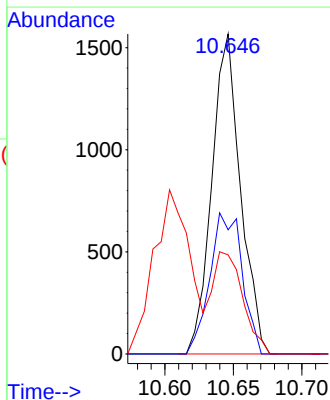
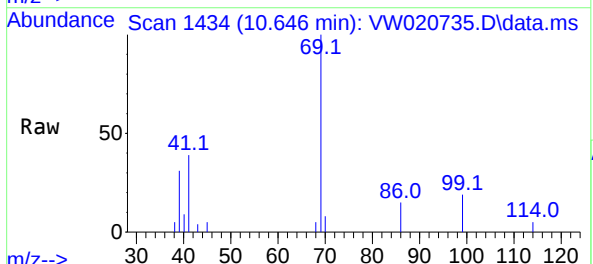
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

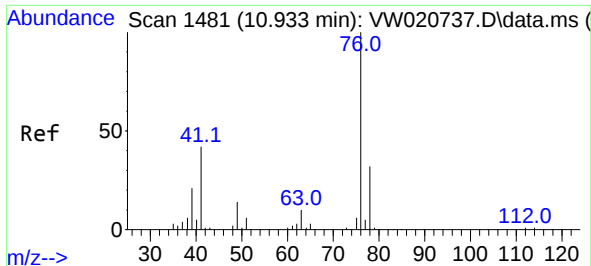


#56
Ethyl methacrylate
Concen: 6.843 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 69 Resp: 2280

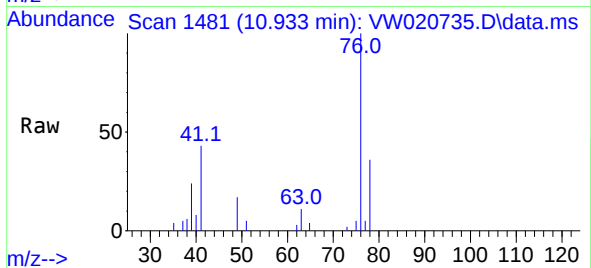
Ion	Ratio	Lower	Upper
69	100		
41	49.5	39.2	58.8
39	33.9	26.5	39.7





#57
1,3-Dichloropropane
Concen: 8.243 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

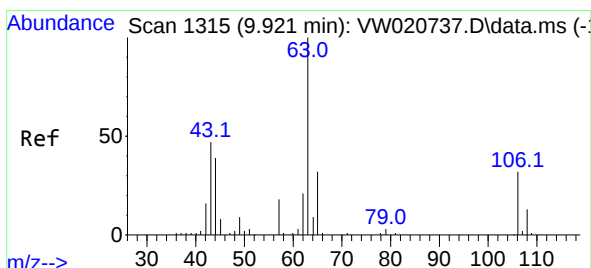
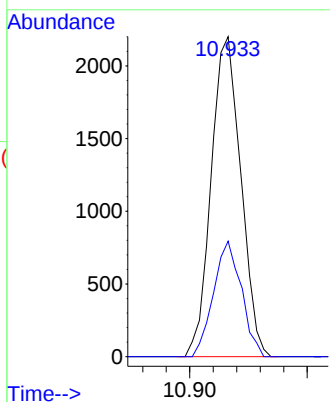
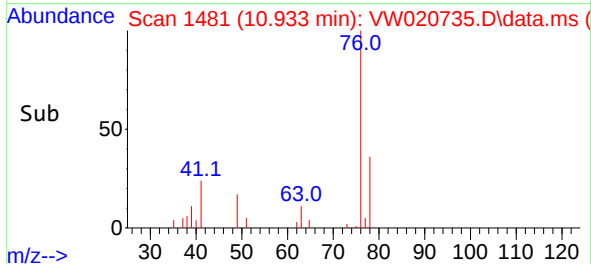
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



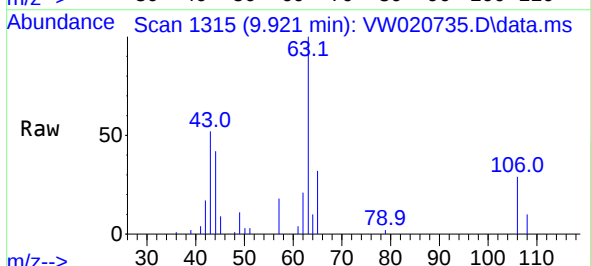
Tgt Ion: 76 Resp: 3859
Ion Ratio Lower Upper
76 100
78 34.0 26.7 40.1

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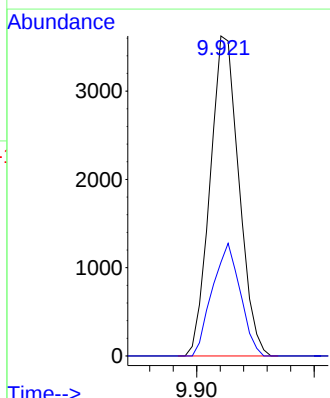
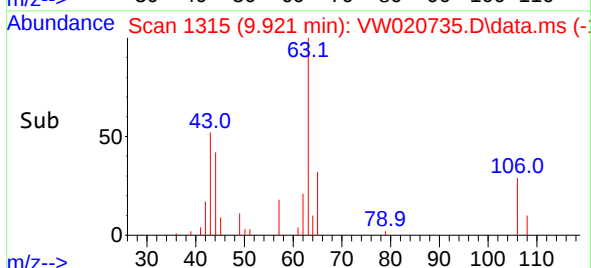
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

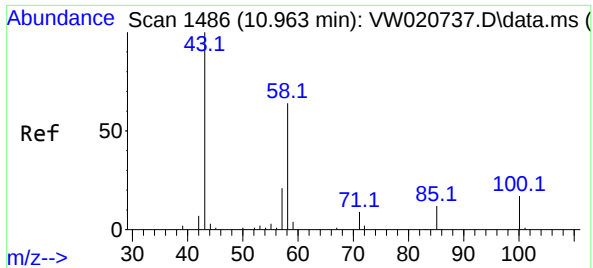


#58
2-Chloroethyl Vinyl ether
Concen: 39.367 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion: 63 Resp: 6176
Ion Ratio Lower Upper
63 100
106 34.2 27.4 41.0





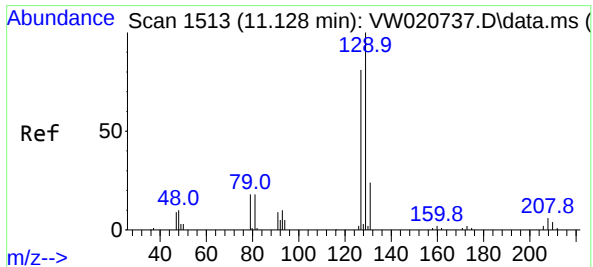
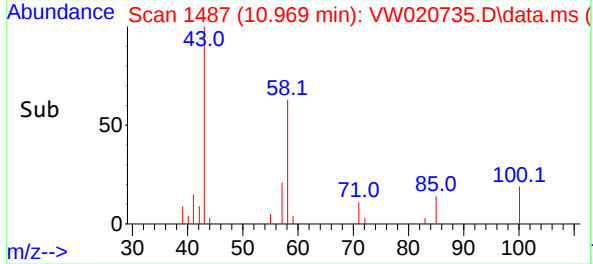
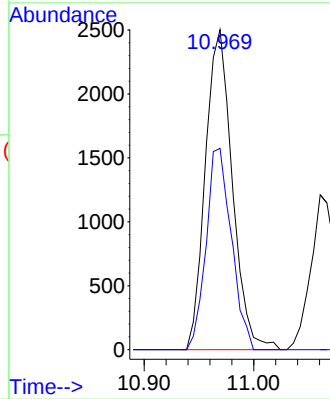
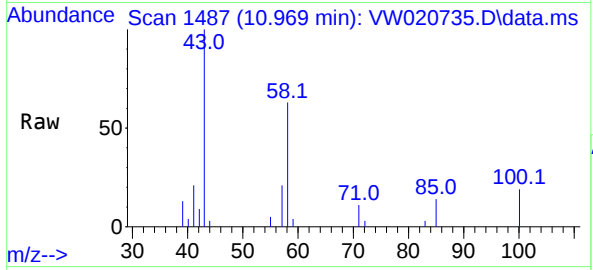
#59
2-Hexanone
Concen: 28.068 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 58.9 32.5 97.4

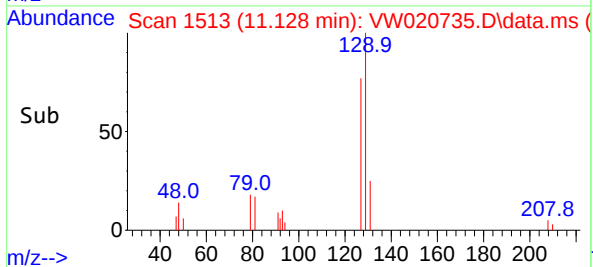
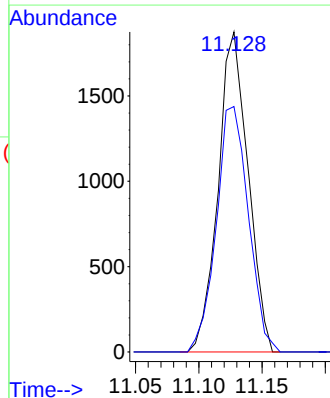
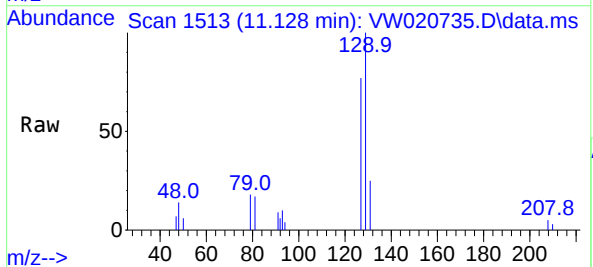
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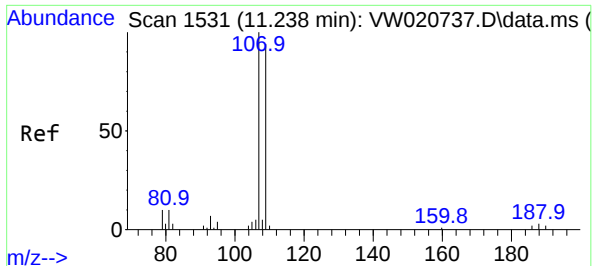
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#60
Dibromochloromethane
Concen: 9.350 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion:129 Resp: 3085
Ion Ratio Lower Upper
129 100
127 82.3 39.4 118.1





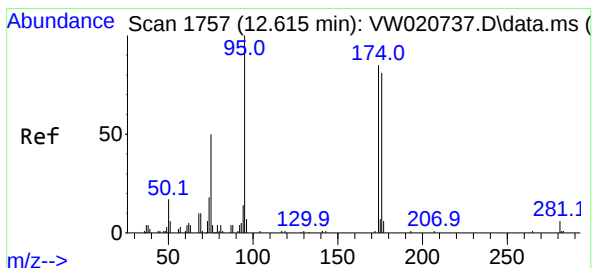
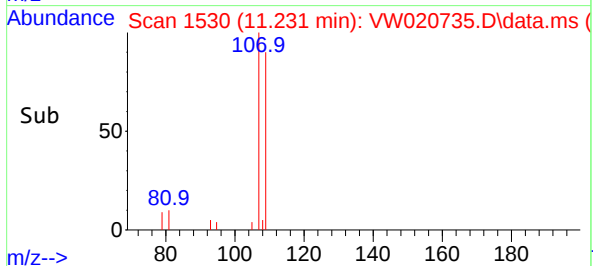
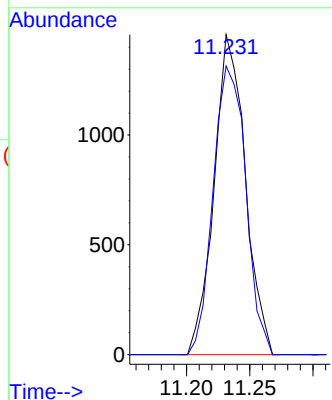
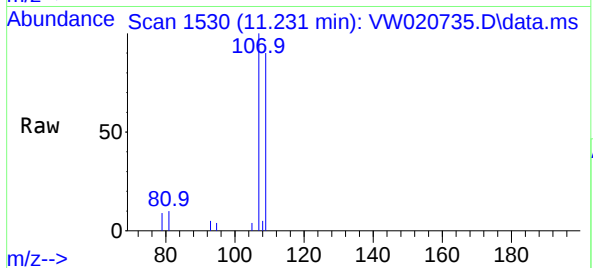
#61
1,2-Dibromoethane
Concen: 9.388 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 250
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6

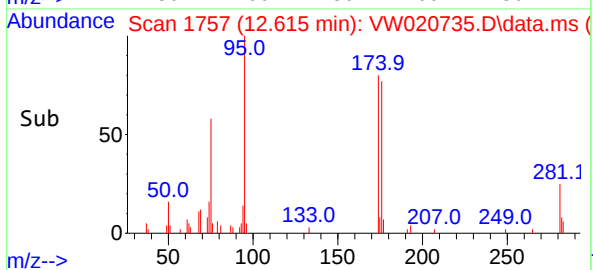
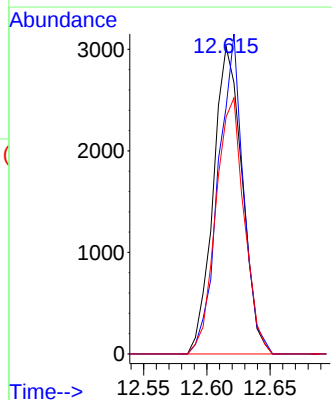
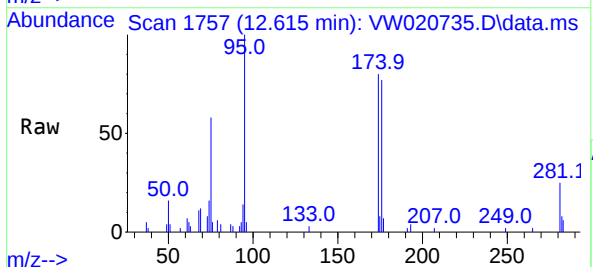
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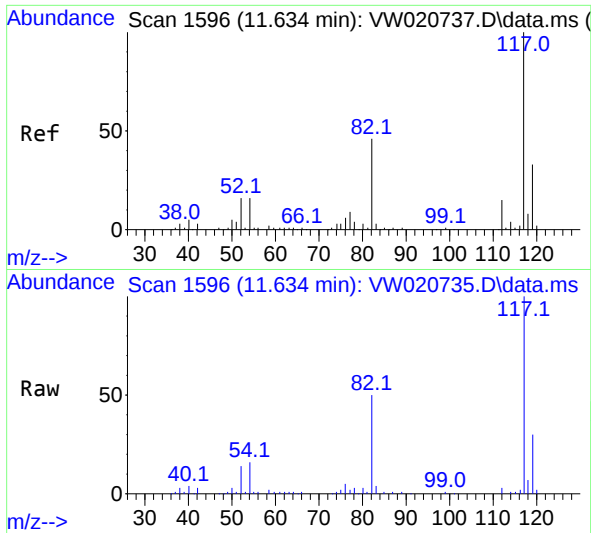
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#62
4-Bromofluorobenzene
Concen: 10.004 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 95 Resp: 4823
Ion Ratio Lower Upper
95 100
174 89.8 0.0 182.8
176 81.3 0.0 170.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.634 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

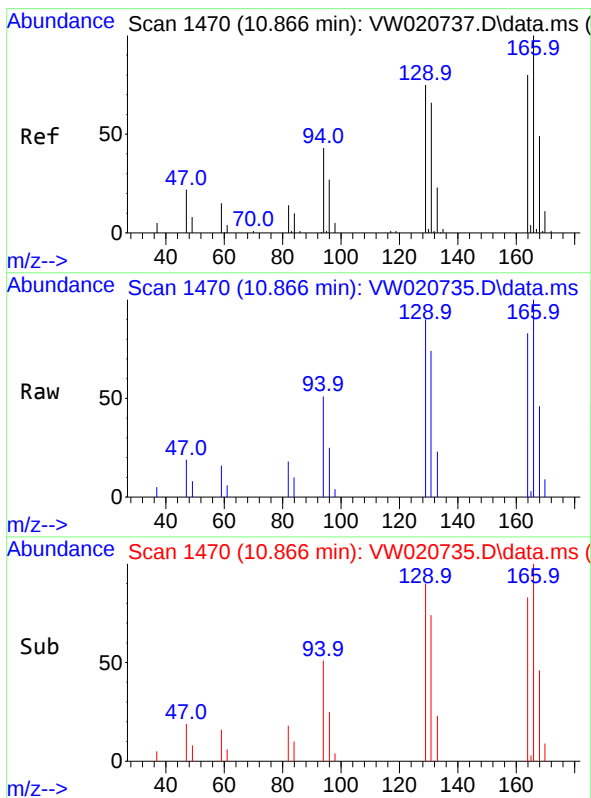
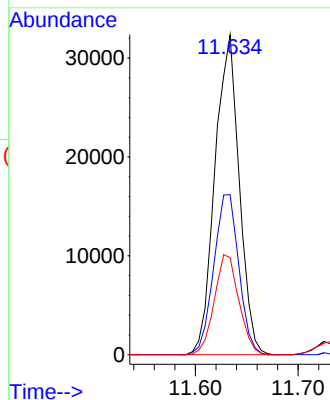
VSTDIC010

Tgt Ion:117	Resp:	53074
Ion Ratio	Lower	Upper
117	100	
82	50.0	37.0 55.4
119	30.3	26.0 39.0

Manual Integrations

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



#64

Tetrachloroethene

Concen: 9.230 ug/l

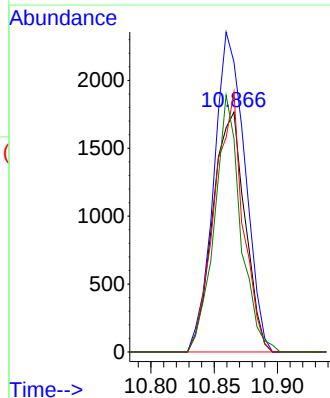
RT: 10.866 min Scan# 1470

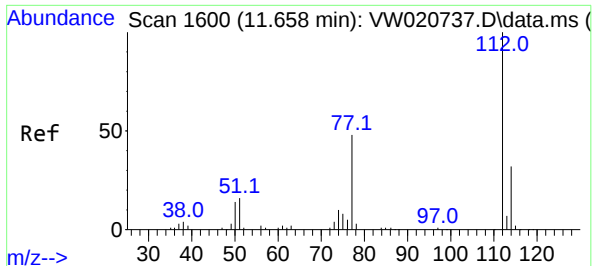
Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Tgt Ion:164	Resp:	3119
Ion Ratio	Lower	Upper
164	100	
166	120.8	100.5 150.7
129	108.3	75.5 113.3
131	89.0	66.0 99.0





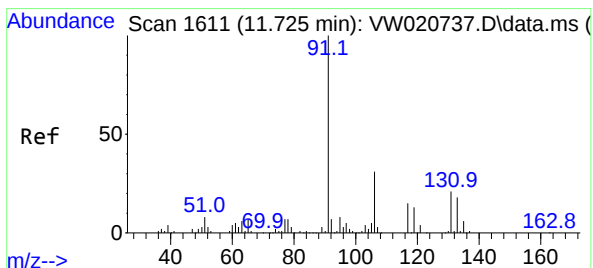
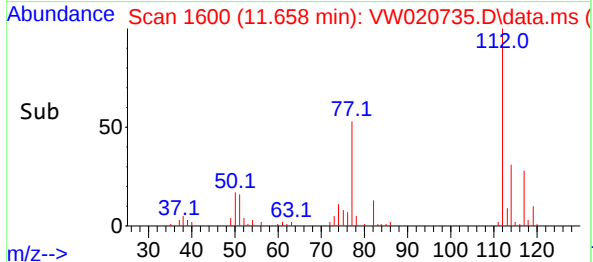
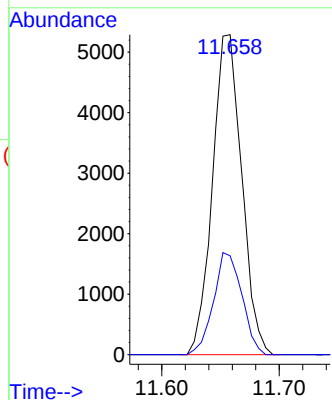
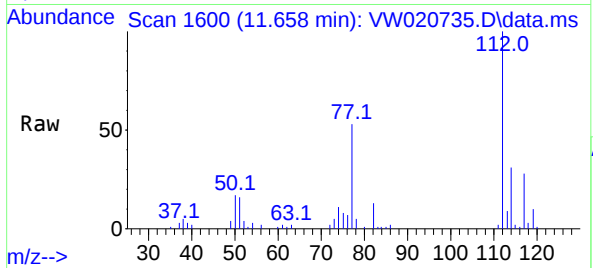
#65
Chlorobenzene
Concen: 9.472 ug/l
RT: 11.658 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 916
Ion Ratio Lower Upper
112 100
114 30.9 25.9 38.9

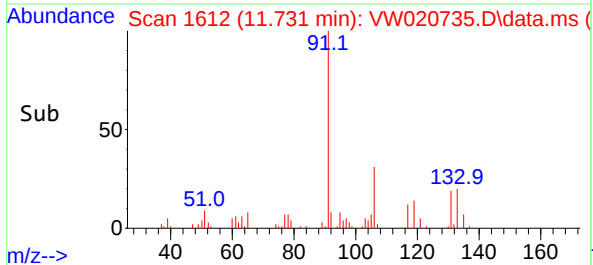
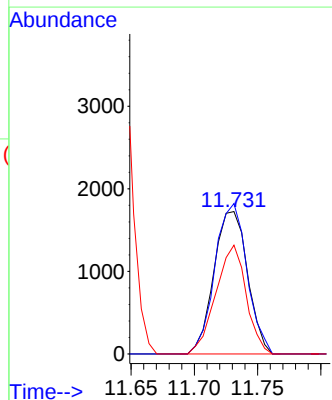
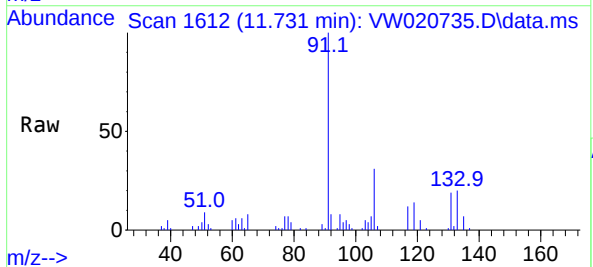
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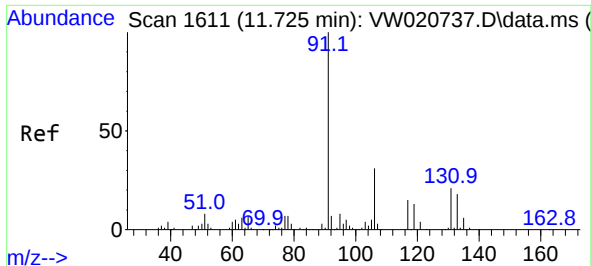
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 9.017 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion:131 Resp: 3196
Ion Ratio Lower Upper
131 100
133 100.9 45.9 137.6
119 68.9 32.1 96.3





#67

Ethyl Benzene

Concen: 8.187 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 14108

Ion Ratio Lower Upper

91 100

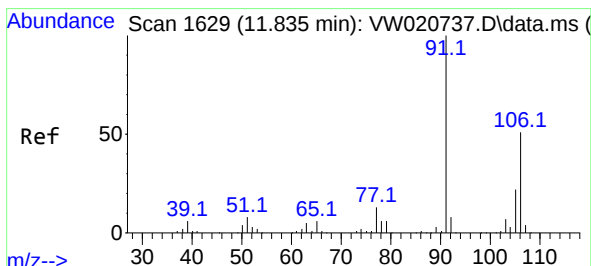
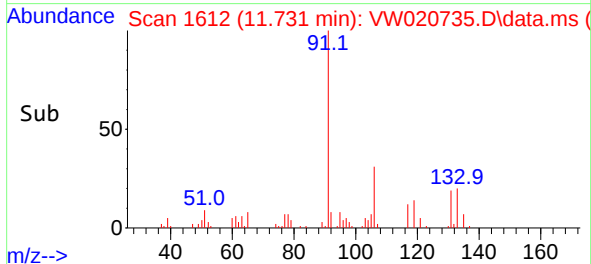
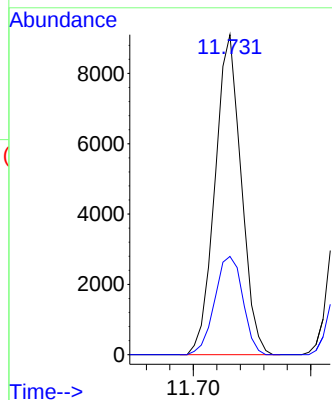
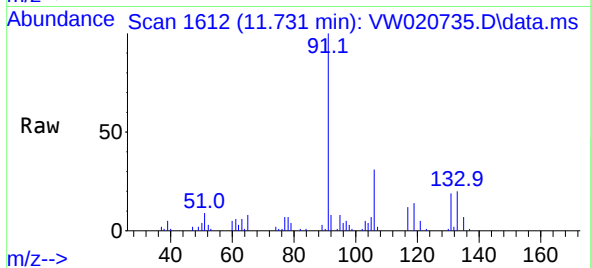
106 30.7 24.5 36.7

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Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#68

m/p-Xylenes

Concen: 18.156 ug/l

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW020735.D

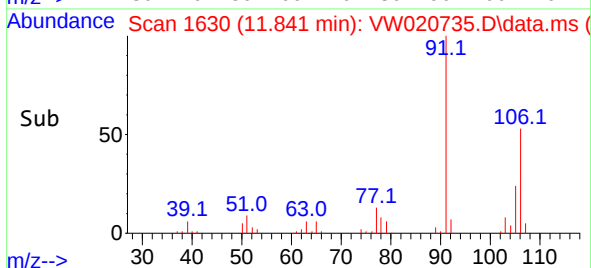
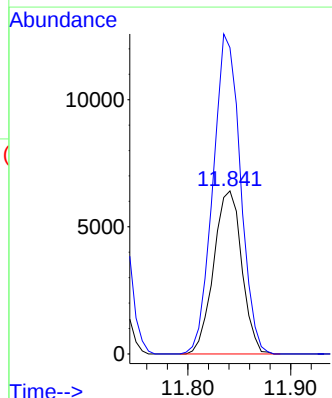
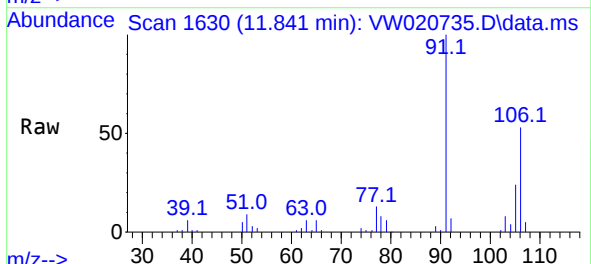
Acq: 01 Nov 2021 15:18

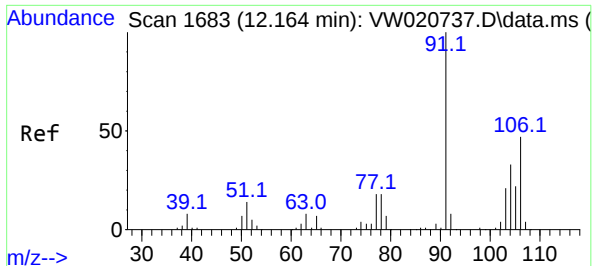
Tgt Ion:106 Resp: 12180

Ion Ratio Lower Upper

106 100

91 191.3 157.8 236.8





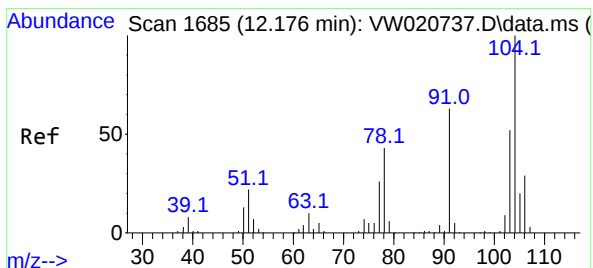
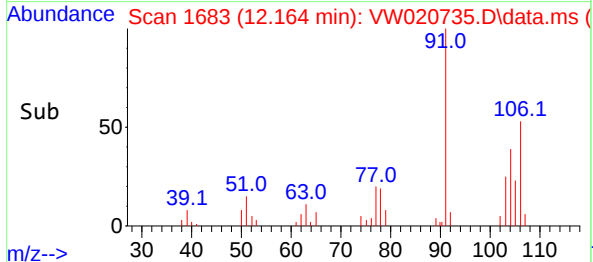
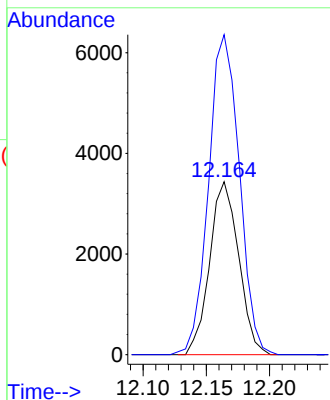
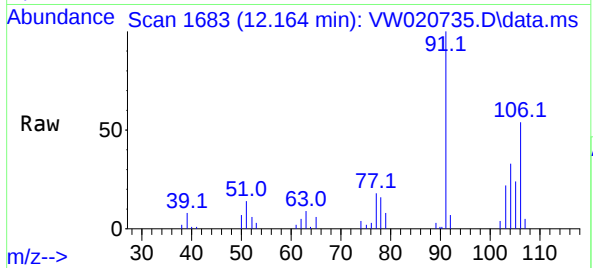
#69
o-Xylene
Concen: 8.845 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 549
Ion Ratio Lower Upper
106 100
91 195.7 103.6 310.8

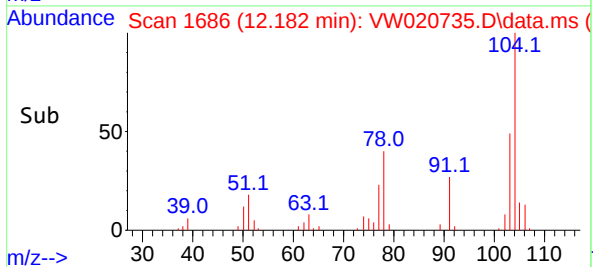
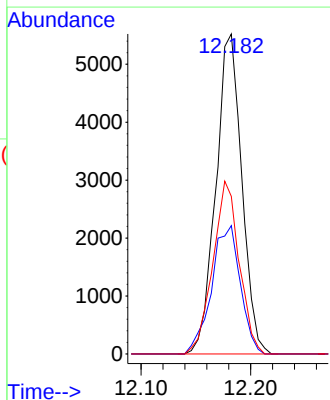
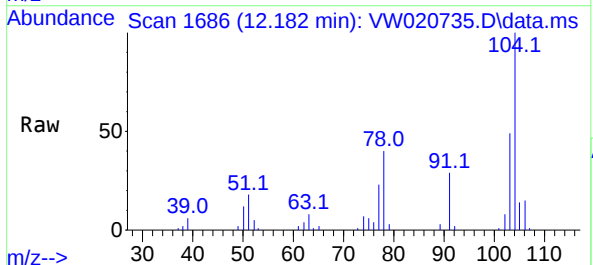
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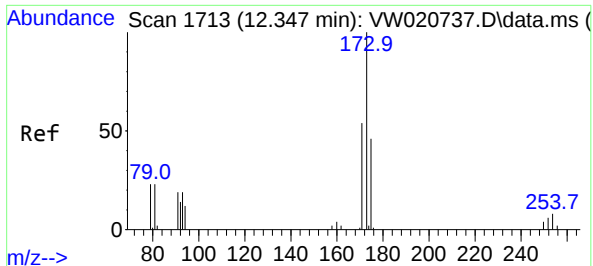
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#70
Styrene
Concen: 8.528 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

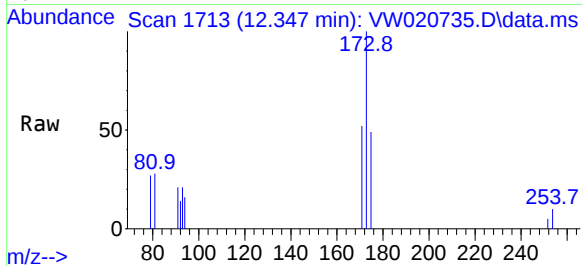
Tgt Ion:104 Resp: 9080
Ion Ratio Lower Upper
104 100
78 44.4 36.4 54.6
103 54.8 45.0 67.6





#71
Bromoform
Concen: 9.213 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

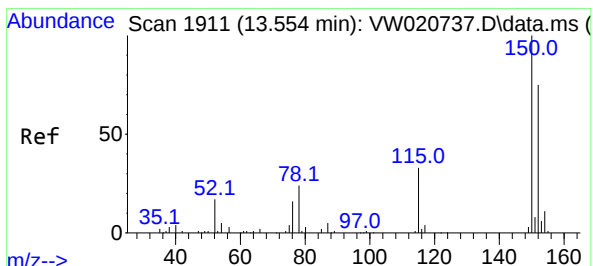
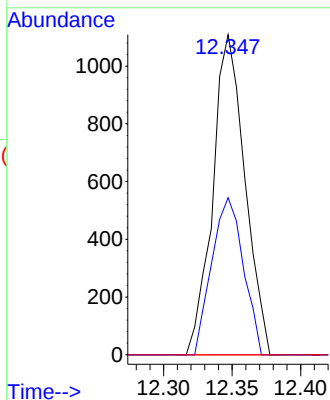
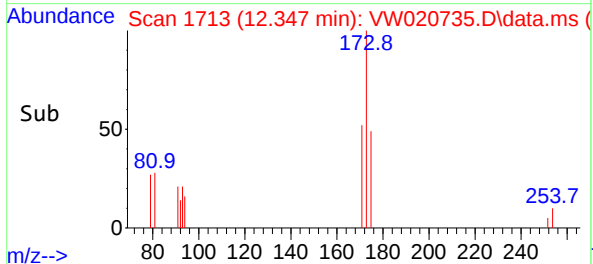
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



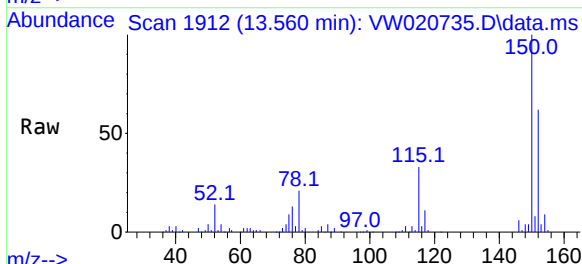
Tgt Ion:173 Resp: 1810
Ion Ratio Lower Upper
173 100
175 48.1 24.8 74.4
254 0.0 0.0 0.0

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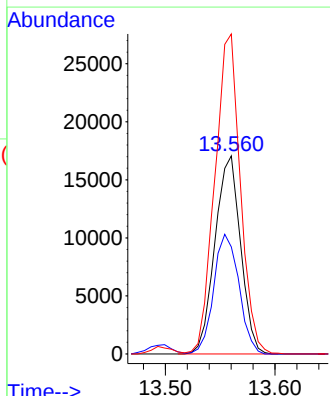
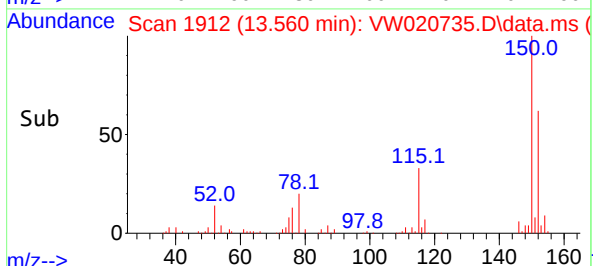
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

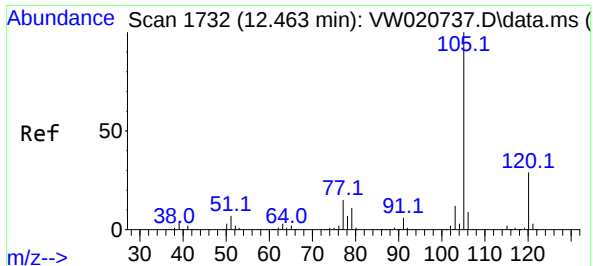


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion:152 Resp: 27693
Ion Ratio Lower Upper
152 100
115 59.6 26.6 79.8
150 160.9 0.0 333.0





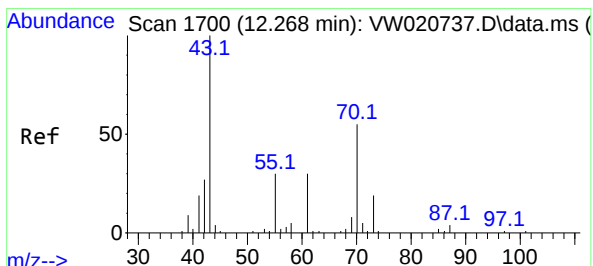
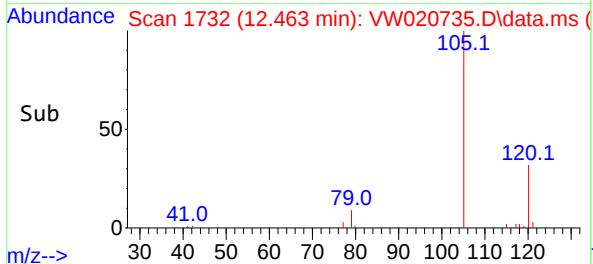
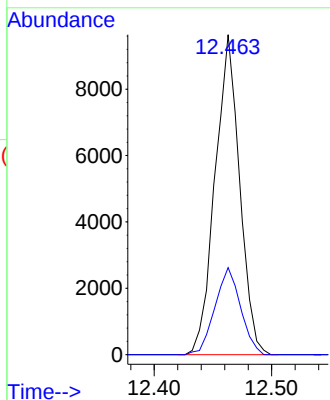
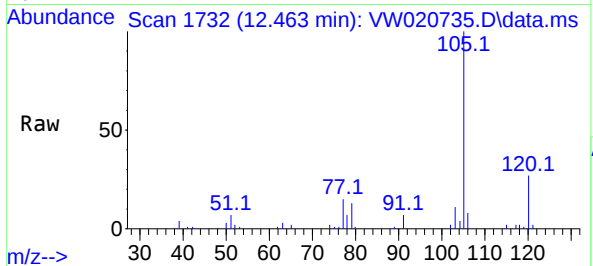
#73
Isopropylbenzene
Concen: 8.447 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 105 Resp: 1400
Ion Ratio Lower Upper
105 100
120 28.3 13.8 41.4

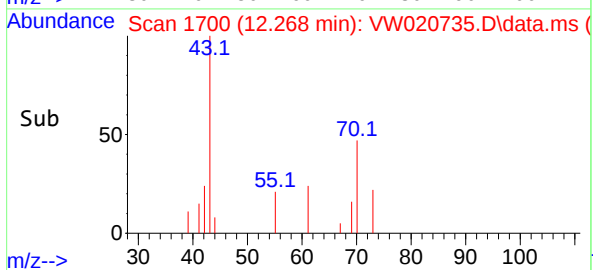
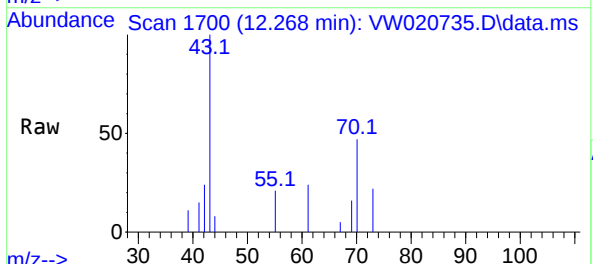
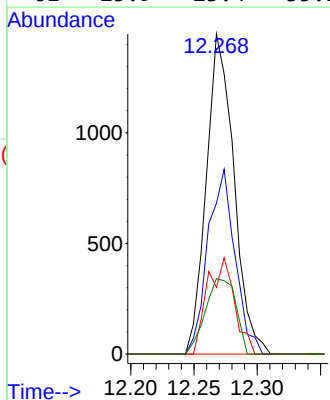
Manual Integrations
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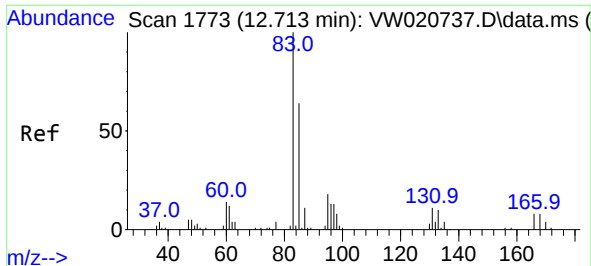
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#74
N-ethyl acetate
Concen: 6.045 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 43 Resp: 2194
Ion Ratio Lower Upper
43 100
70 56.8 44.7 67.1
55 29.4 23.5 35.3
61 25.9 23.4 35.2





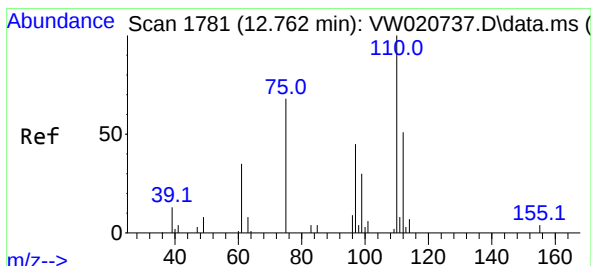
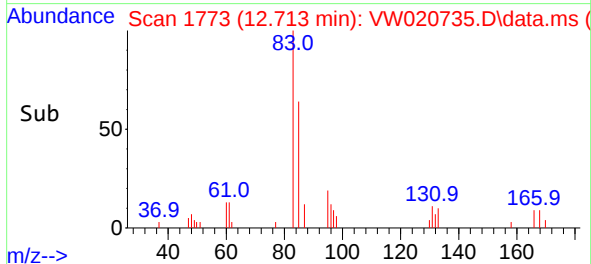
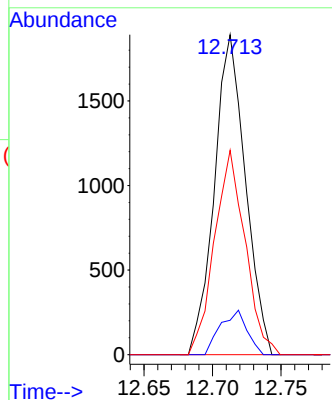
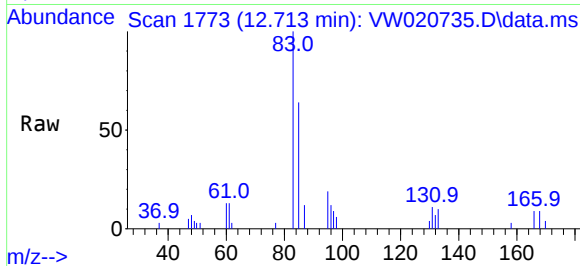
#75
1,1,2,2-Tetrachloroethane
Concen: 9.940 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 298
Ion Ratio Lower Upper
83 100
131 11.9 5.9 17.7
85 63.1 32.3 96.9

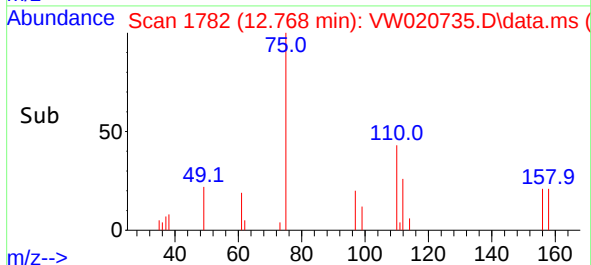
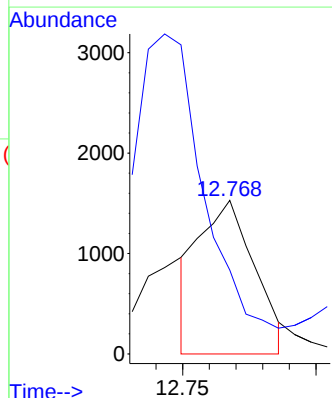
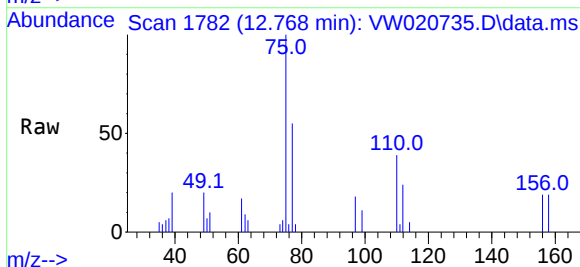
Manual Integrations
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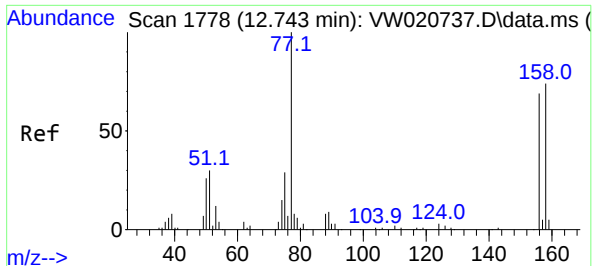
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#76
1,2,3-Trichloropropane
Concen: 9.399 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

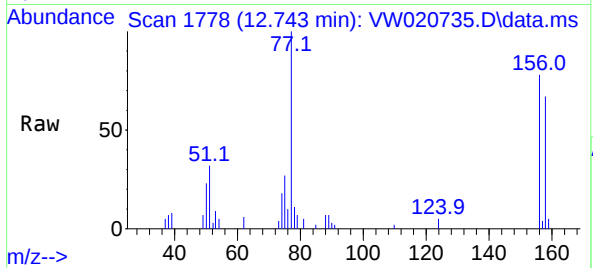
Tgt Ion: 75 Resp: 2220
Ion Ratio Lower Upper
75 100
77 0.0 143.3 430.0#





#77
Bromobenzene
Concen: 9.172 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

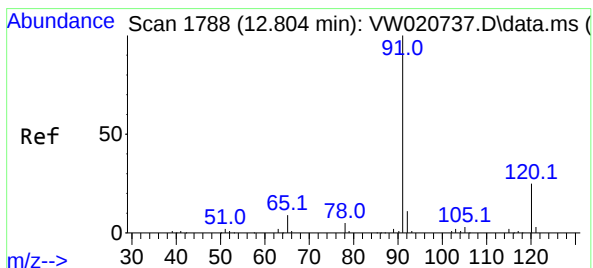
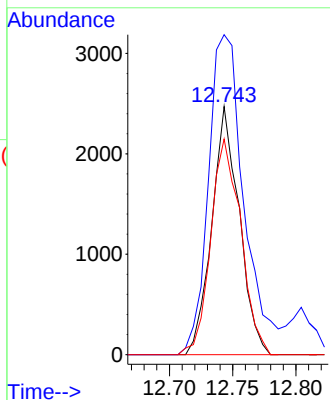
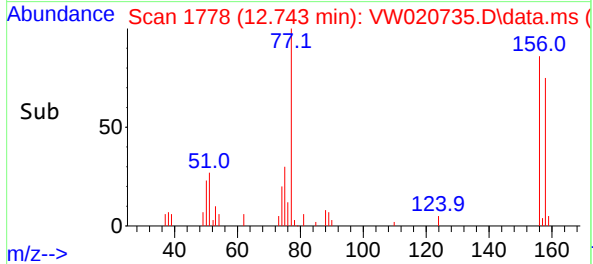
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010



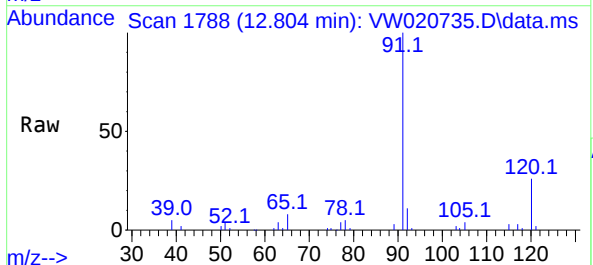
Tgt Ion:156 Resp: 373
Ion Ratio Lower Upper
156 100
77 166.3 78.5 235.3
158 95.0 49.4 148.2

Manual Integrations
APPROVED

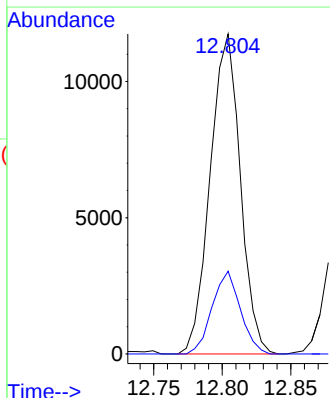
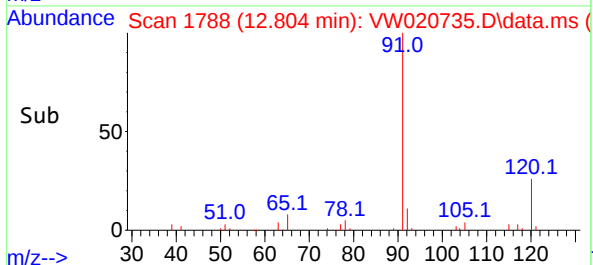
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

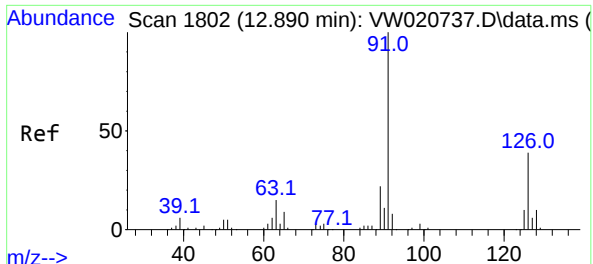


#78
n-propylbenzene
Concen: 8.821 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion: 91 Resp: 17964
Ion Ratio Lower Upper
91 100
120 24.2 12.1 36.3





#79

2-Chlorotoluene

Concen: 8.823 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 1033

Ion Ratio Lower Upper

91 100

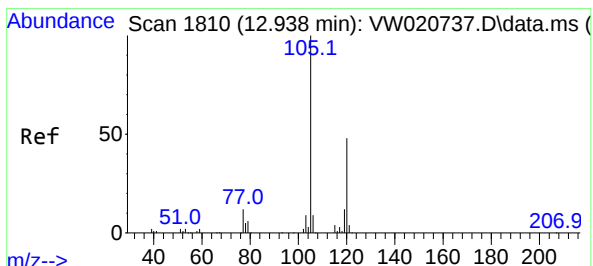
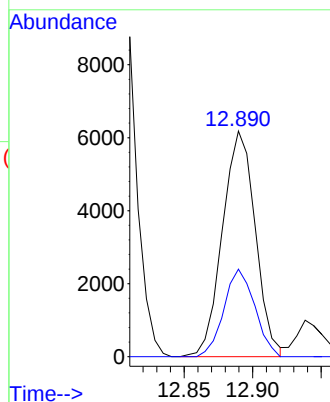
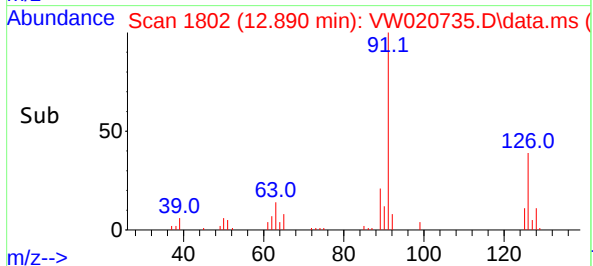
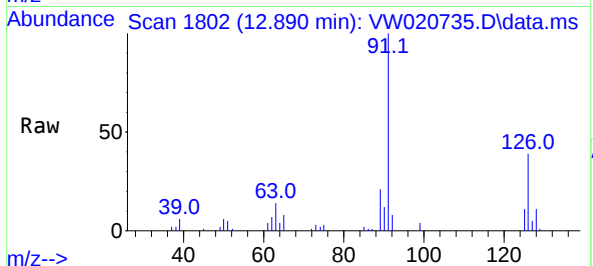
126 36.4 18.6 55.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#80

1,3,5-Trimethylbenzene

Concen: 8.971 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW020735.D

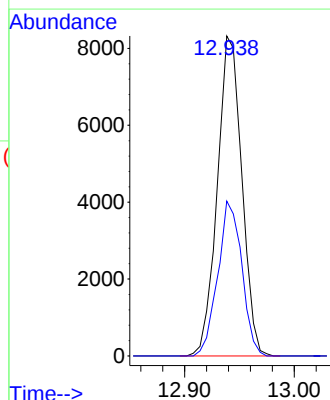
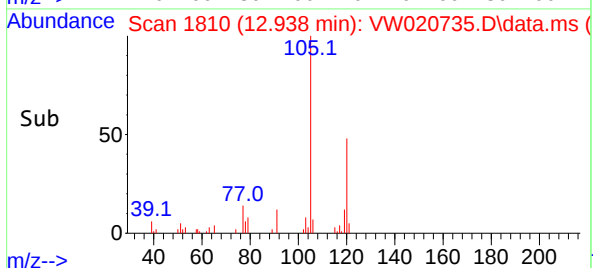
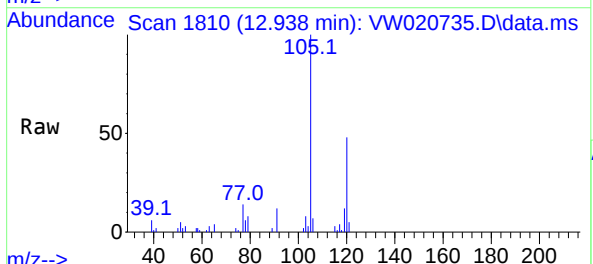
Acq: 01 Nov 2021 15:18

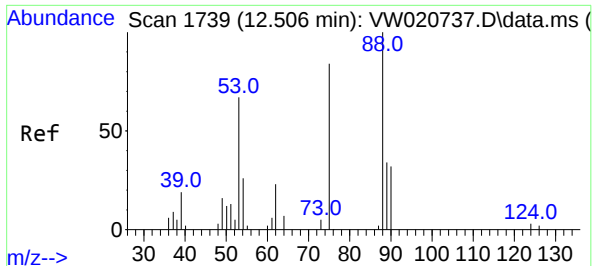
Tgt Ion:105 Resp: 12927

Ion Ratio Lower Upper

105 100

120 47.4 24.6 74.0





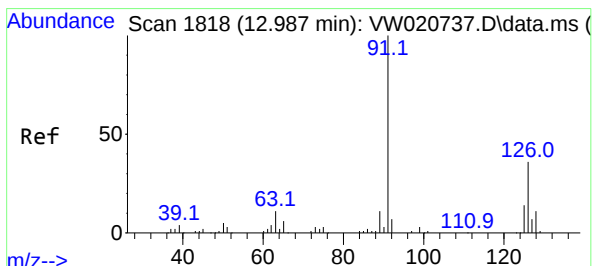
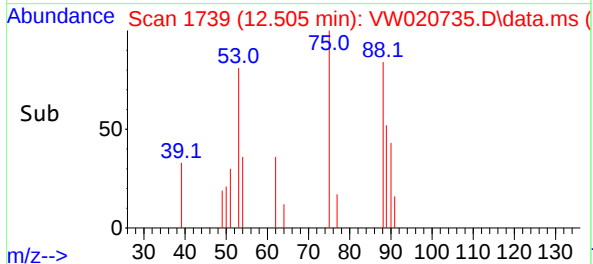
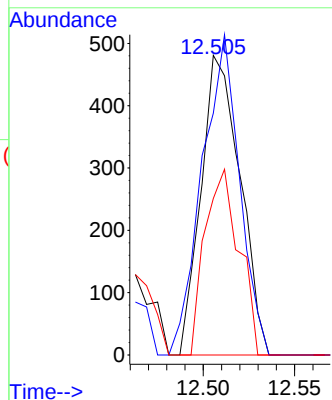
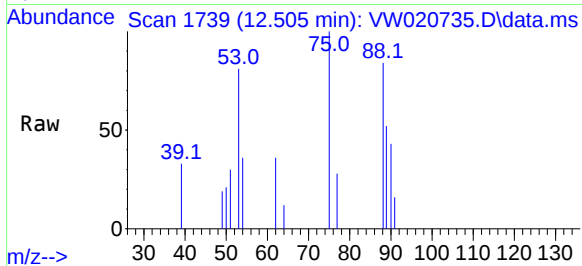
#81
trans-1,4-Dichloro-2-butene
Concen: 7.571 ug/l
RT: 12.505 min Scan# 1739
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 710
Ion Ratio Lower Upper
75 100
53 102.2 67.7 101.5
89 54.1 37.5 56.3

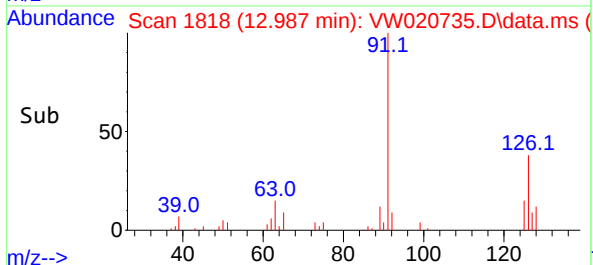
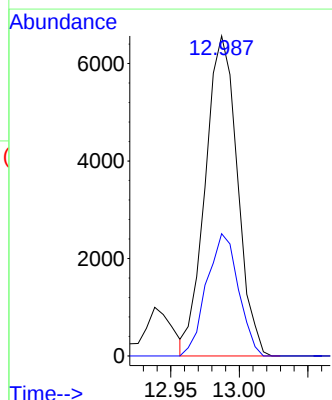
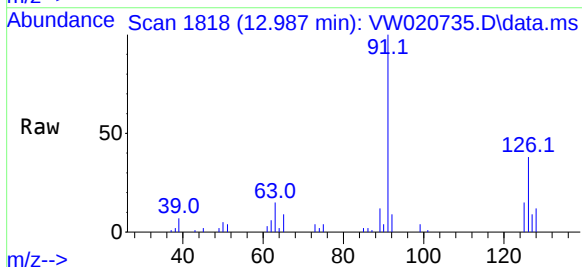
Manual Integrations
APPROVED

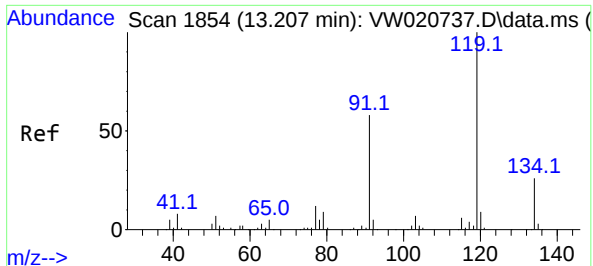
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#82
4-Chlorotoluene
Concen: 8.585 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 91 Resp: 10704
Ion Ratio Lower Upper
91 100
126 37.8 17.6 52.8





#83
tert-Butylbenzene
Concen: 8.931 ug/l
RT: 13.207 min Scan# 11014
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

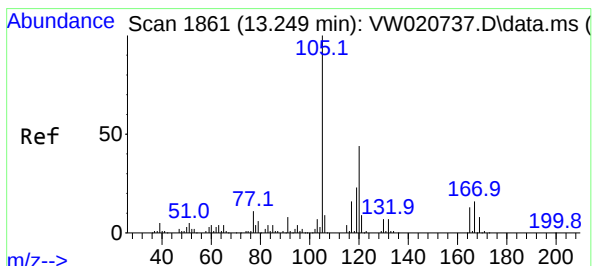
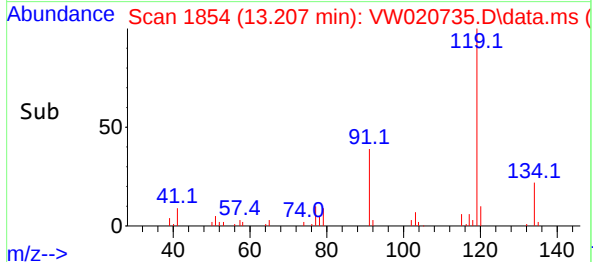
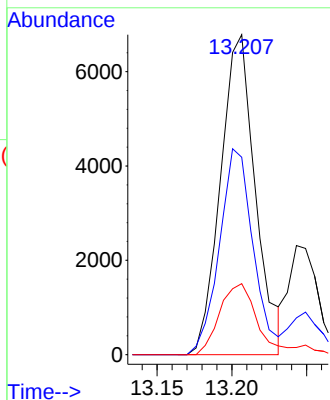
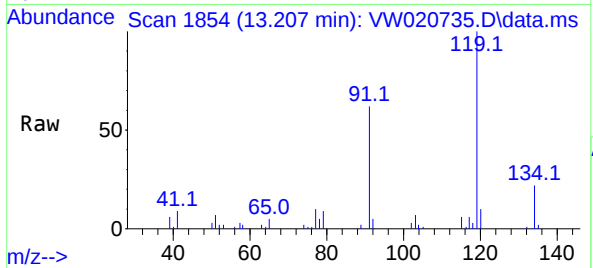
VSTDICC010

Tgt Ion:119 Resp: 11014
Ion Ratio Lower Upper
119 100
91 62.3 30.9 92.8
134 25.2 12.5 37.5

Manual Integrations

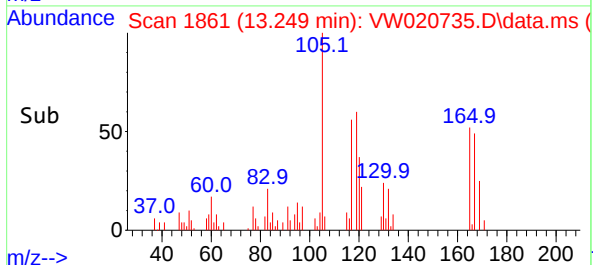
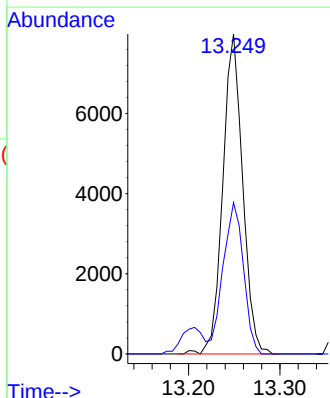
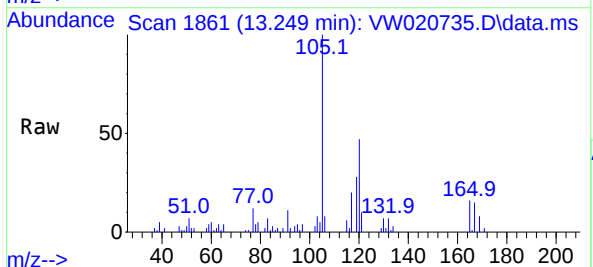
APPROVED

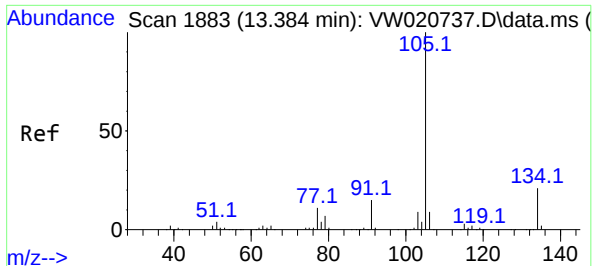
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#84
1,2,4-Trimethylbenzene
Concen: 8.395 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion:105 Resp: 12042
Ion Ratio Lower Upper
105 100
120 48.9 22.7 68.1





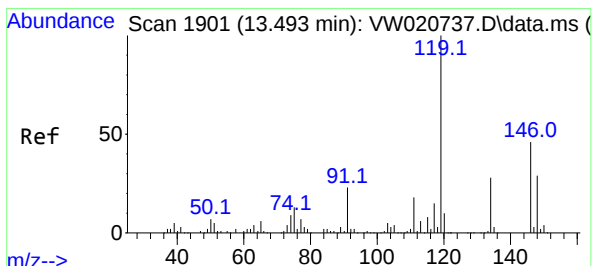
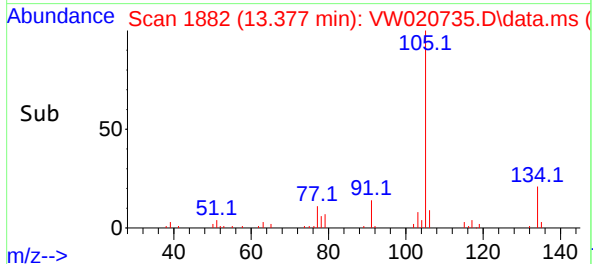
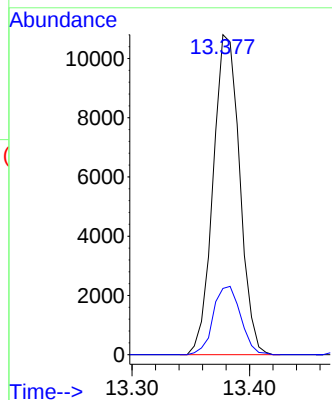
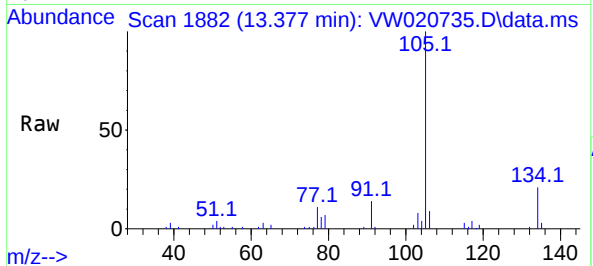
#85
 sec-Butylbenzene
 Concen: 9.158 ug/l
 RT: 13.377 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: VW020735.D
 Acq: 01 Nov 2021 15:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Tgt Ion:105 Resp: 16960
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.4 31.2

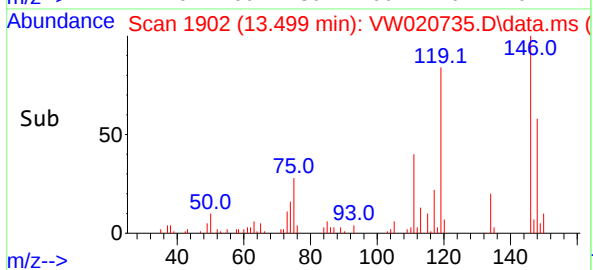
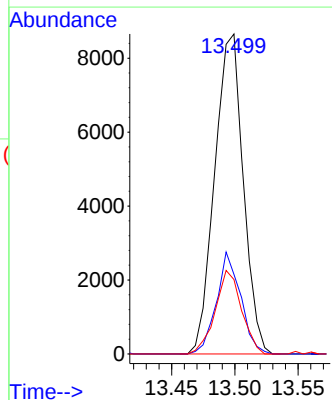
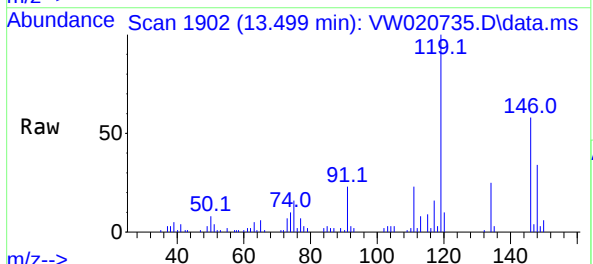
Manual Integrations
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Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

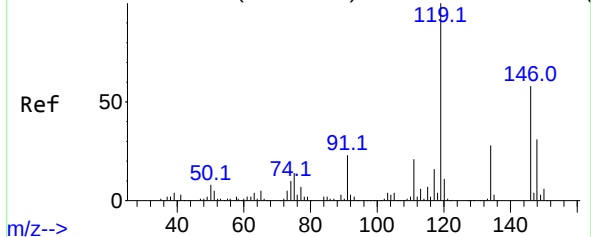


#86
 p-Isopropyltoluene
 Concen: 8.664 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW020735.D
 Acq: 01 Nov 2021 15:18

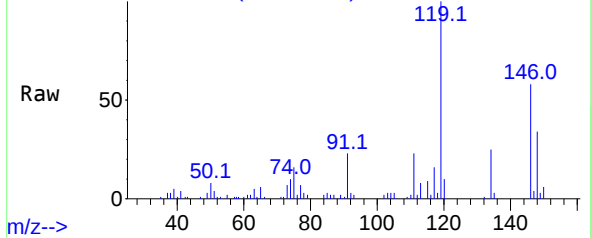
Tgt Ion:119 Resp: 13595
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.8 41.3
 91 24.0 11.2 33.6



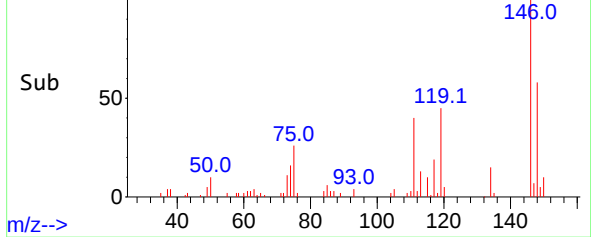
Abundance Scan 1902 (13.499 min): VW020737.D\data.ms (



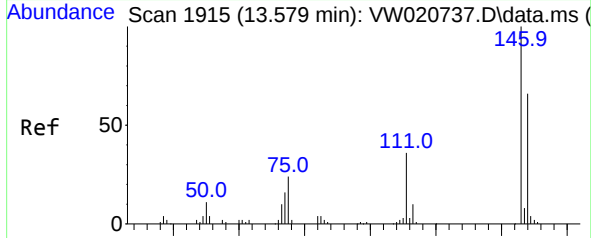
m/z--> Abundance Scan 1902 (13.499 min): VW020735.D\data.ms



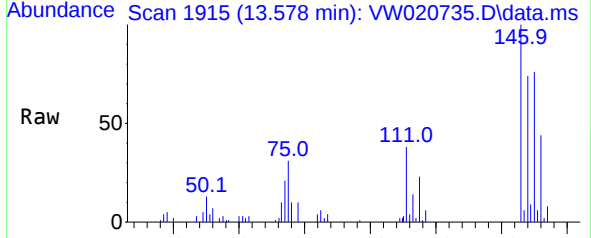
m/z--> Abundance Scan 1902 (13.499 min): VW020735.D\data.ms (



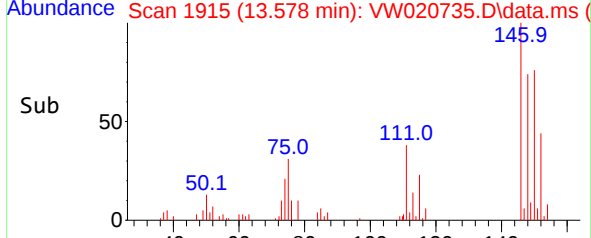
m/z--> Abundance Scan 1915 (13.579 min): VW020737.D\data.ms (



m/z--> Abundance Scan 1915 (13.578 min): VW020735.D\data.ms



m/z--> Abundance Scan 1915 (13.578 min): VW020735.D\data.ms (



m/z--> Abundance Scan 1915 (13.578 min): VW020735.D\data.ms (

#87

1,3-Dichlorobenzene

Concen: 9.898 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Tgt Ion:146 Resp: 8250

Ion Ratio Lower Upper

146 100

111 37.1 19.0 57.0

148 57.6 30.1 90.3

Instrument :

MSVOA_W

ClientSampleId :

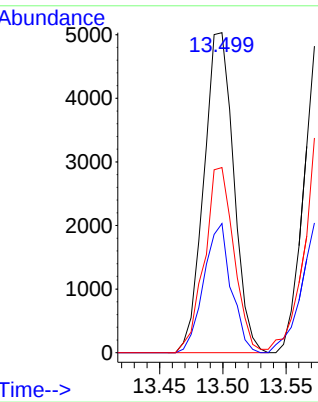
VSTDICC010

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#88

1,4-Dichlorobenzene

Concen: 10.041 ug/l

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

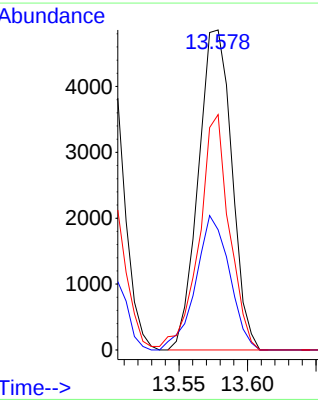
Tgt Ion:146 Resp: 8268

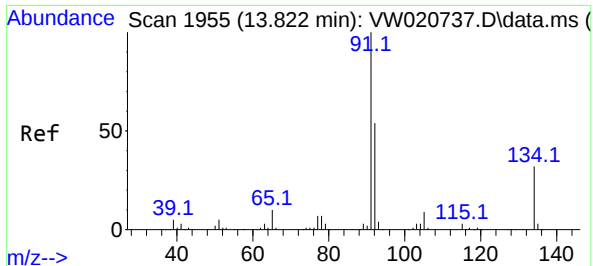
Ion Ratio Lower Upper

146 100

111 42.3 20.1 60.3

148 66.0 33.6 100.8





#89

n-Butylbenzene

Concen: 8.537 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :

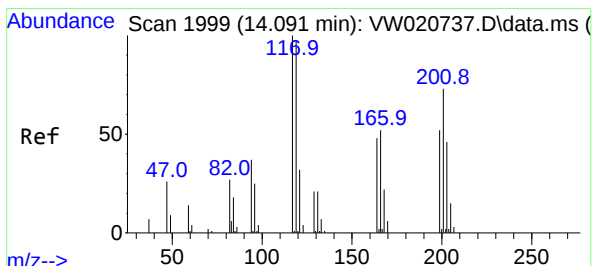
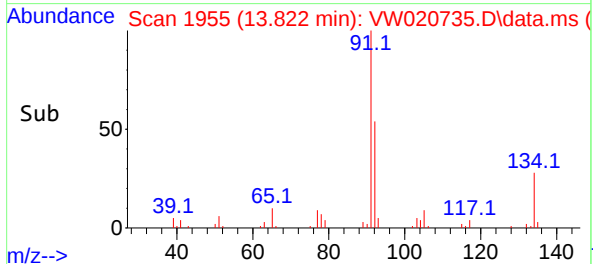
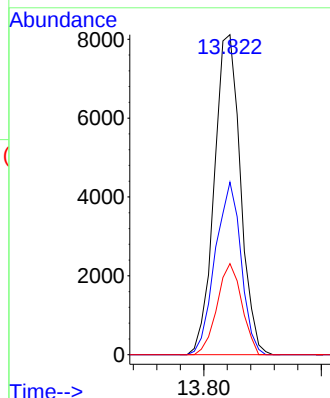
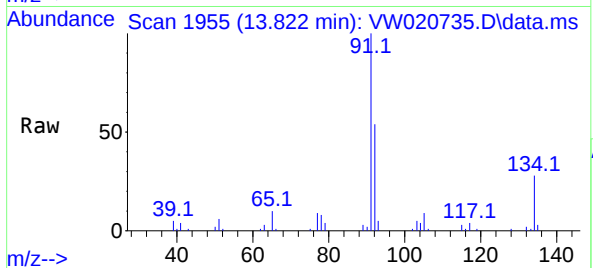
VSTDICC010

Tgt Ion:	91	Resp:	1256
Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.1	81.2
134	26.9	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: 9.703 ug/l

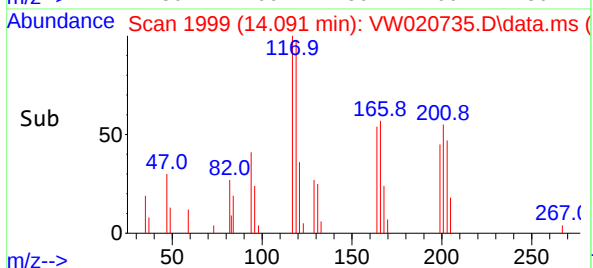
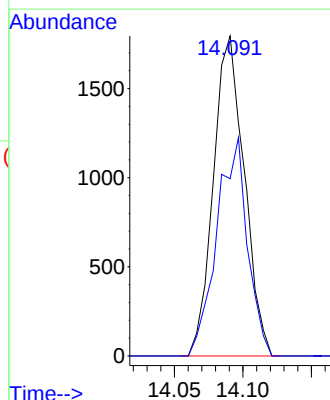
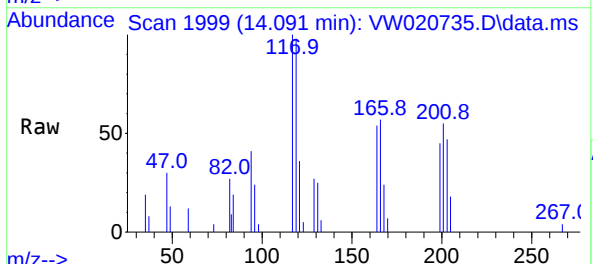
RT: 14.091 min Scan# 1999

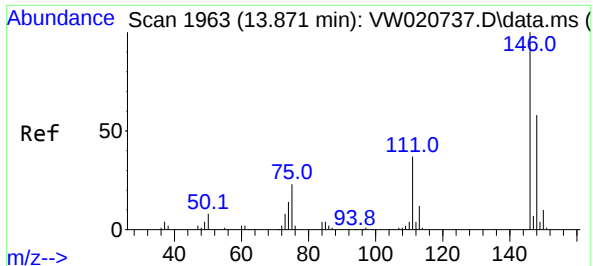
Delta R.T. -0.000 min

Lab File: VW020735.D

Acq: 01 Nov 2021 15:18

Tgt Ion:	117	Resp:	2815
Ion	Ratio	Lower	Upper
117	100		
201	67.5	36.5	109.5





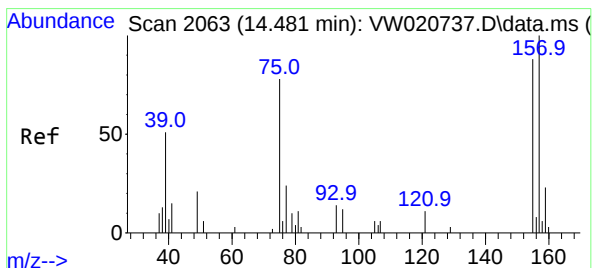
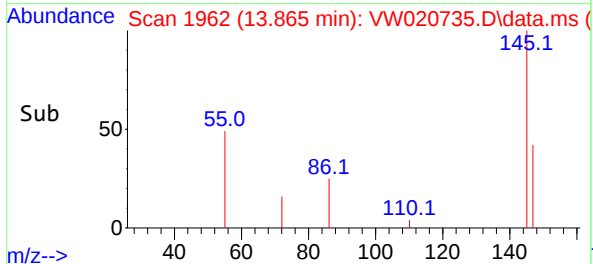
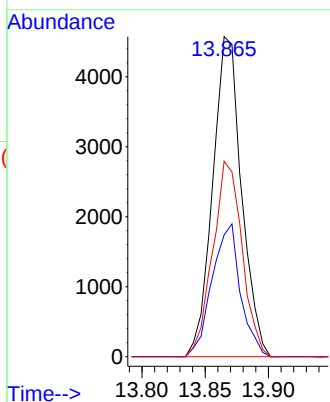
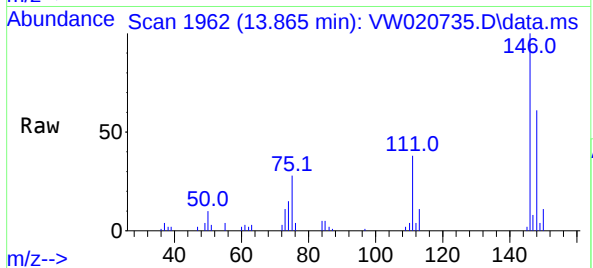
#91
1,2-Dichlorobenzene
Concen: 10.049 ug/l
RT: 13.865 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 7244
Ion Ratio Lower Upper
146 100
111 40.9 21.1 63.3
148 62.2 33.2 99.6

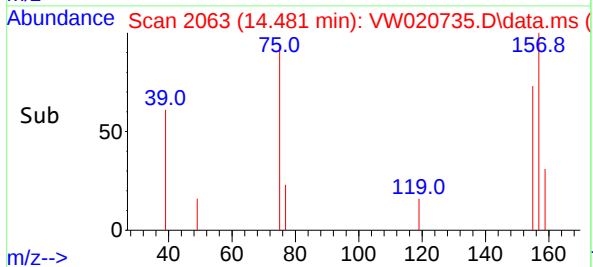
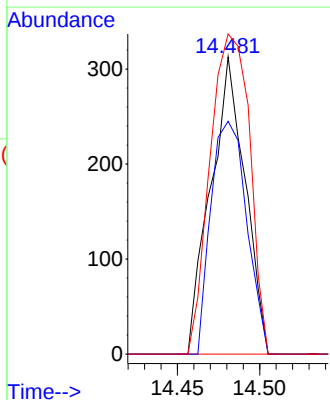
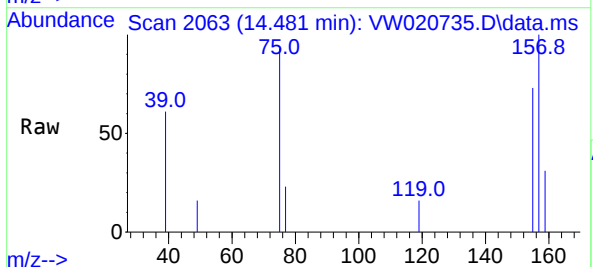
Manual Integrations
APPROVED

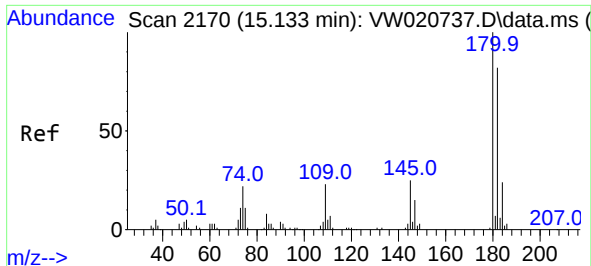
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.615 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Tgt Ion: 75 Resp: 456
Ion Ratio Lower Upper
75 100
155 81.1 52.8 158.4
157 123.9 61.5 184.4





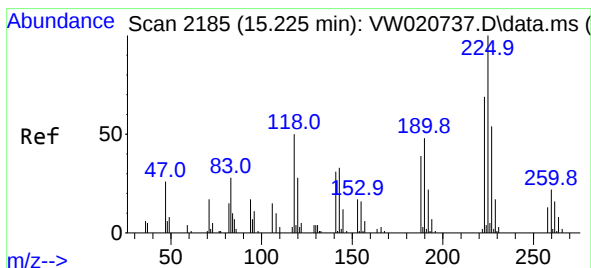
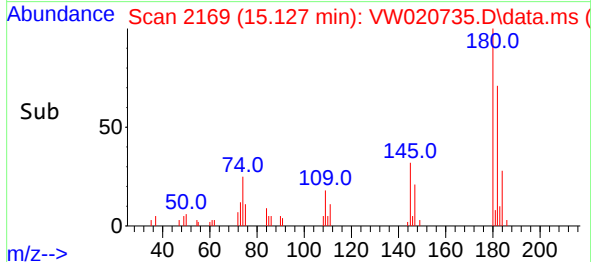
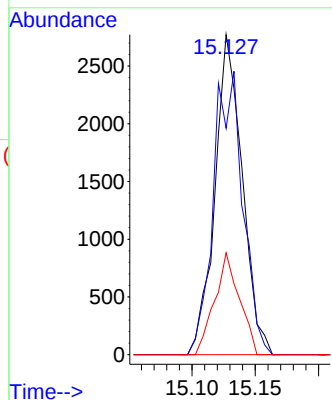
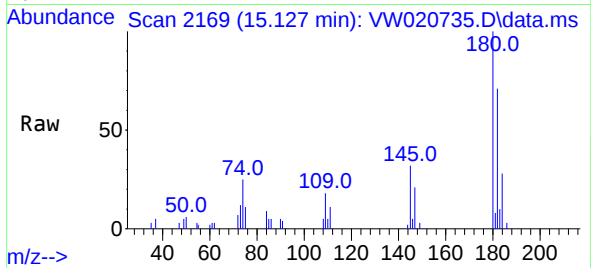
#93
1,2,4-Trichlorobenzene
Concen: 8.356 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 4162
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.3
145 28.8 14.7 44.1

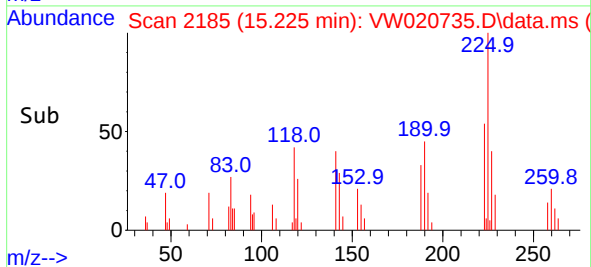
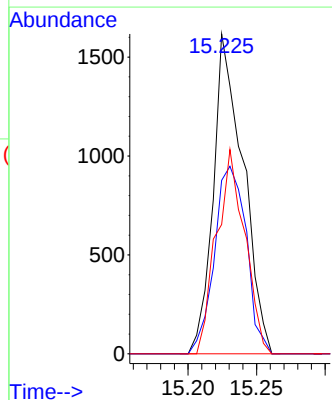
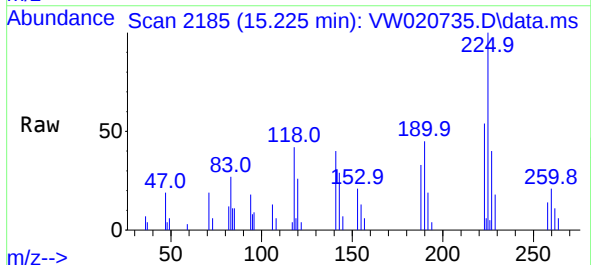
Manual Integrations
APPROVED

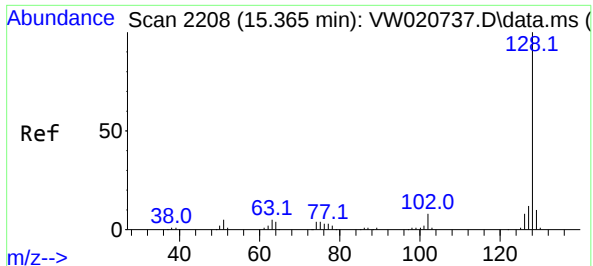
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#94
Hexachlorobutadiene
Concen: 7.802 ug/l
RT: 15.225 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

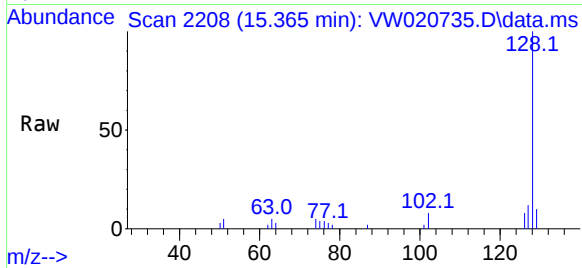
Tgt Ion:225 Resp: 2444
Ion Ratio Lower Upper
225 100
223 62.8 34.6 103.9
227 60.7 30.6 92.0





#95
Naphthalene
Concen: 8.477 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18

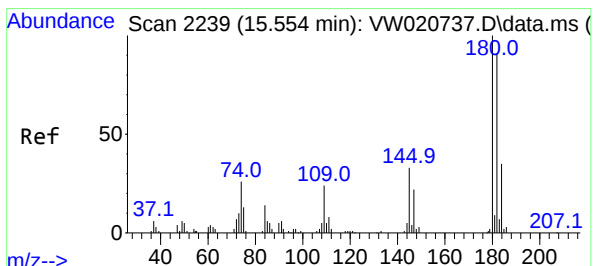
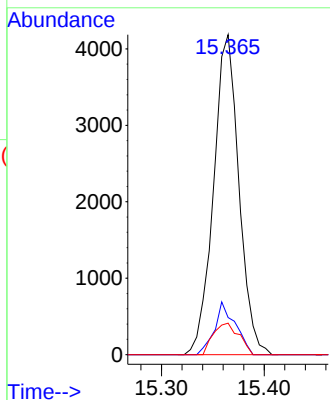
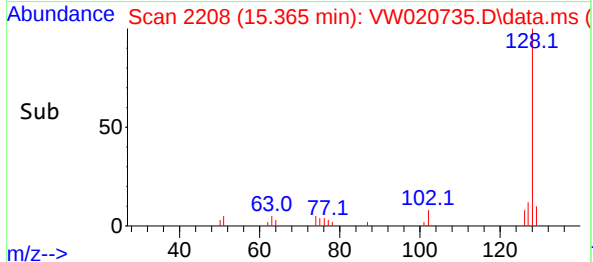
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010



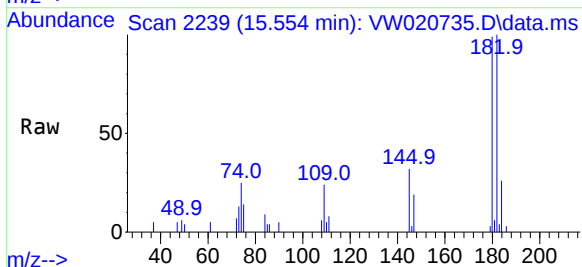
Tgt Ion:128 Resp: 718
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.0 8.5 12.7

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 8.476 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020735.D
Acq: 01 Nov 2021 15:18



Tgt Ion:180 Resp: 3772
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 33.4 16.3 48.8

