

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020734.D
 Acq On : 01 Nov 2021 14:13
 Operator : SY/VA
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 04:26:06 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	32204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	52955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	50878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	26297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	1913	6.151	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.300%#		
35) Dibromofluoromethane	7.878	113	2029	6.466	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	12.940%#		
50) Toluene-d8	10.323	98	6667	5.738	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.480%#		
62) 4-Bromofluorobenzene	12.615	95	2402	5.515	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.020%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	359	4.491	ug/l	91
3) Chloromethane	2.215	50	1155	5.989	ug/l	95
4) Vinyl Chloride	2.355	62	2153	8.618	ug/l #	87
5) Bromomethane	2.763	94	1912	15.240	ug/l #	81
6) Chloroethane	2.910	64	877	11.649	ug/l	95
7) Trichlorofluoromethane	3.245	101	753	7.010	ug/l	97
8) Diethyl Ether	3.678	74	645	4.966	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.050	101	1684	6.401	ug/l	98
10) Methyl Iodide	4.263	142	1931	6.373	ug/l #	92
11) Tert butyl alcohol	5.153	59	266m	15.880	ug/l	
12) 1,1-Dichloroethene	4.044	96	1481	5.825	ug/l	95
14) Allyl chloride	4.659	41	1228	3.456	ug/l	95
15) Acrylonitrile	5.367	53	1125	18.730	ug/l	93
16) Acetone	4.129	43	1401	20.935	ug/l	95
17) Carbon Disulfide	4.373	76	4186	6.047	ug/l #	95
18) Methyl Acetate	4.672	43	787	3.628	ug/l #	86
19) Methyl tert-butyl Ether	5.434	73	1622	4.745	ug/l #	86
20) Methylene Chloride	4.909	84	3359	9.866	ug/l #	88
21) trans-1,2-Dichloroethene	5.422	96	1694	5.938	ug/l	94
22) Diisopropyl ether	6.306	45	2646	3.469	ug/l #	82
23) Vinyl Acetate	6.251	43	6831	16.323	ug/l	99
24) 1,1-Dichloroethane	6.214	63	2704	5.325	ug/l #	93
25) 2-Butanone	7.177	43	1453	17.825	ug/l	99
26) 2,2-Dichloropropane	7.165	77	1708	5.998	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	1733	5.562	ug/l	98
28) Bromochloromethane	7.513	49	1059	4.537	ug/l #	84
29) Tetrahydrofuran	7.525	42	793	16.159	ug/l	94
30) Chloroform	7.677	83	3356	6.146	ug/l	89
31) Cyclohexane	7.952	56	2693	5.302	ug/l #	82
32) 1,1,1-Trichloroethane	7.872	97	2697	6.398	ug/l	95
36) 1,1-Dichloropropene	8.086	75	2297	4.926	ug/l	97
37) Ethyl Acetate	7.263	43	653	3.382	ug/l #	63
38) Carbon Tetrachloride	8.067	117	2575	5.857	ug/l	89
39) Methylcyclohexane	9.335	83	2690	4.750	ug/l	88
40) Benzene	8.317	78	7200	5.375	ug/l	94
41) Methacrylonitrile	7.476	41	271	2.412	ug/l #	67

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Manual Integrations
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Quant Time: Nov 02 04:26:06 2021
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.397	62	1917	4.701	ug/l	94
43) Isopropyl Acetate	8.421	43	1185	3.215	ug/l #	74
44) Trichloroethene	9.092	130	2130	5.950	ug/l	82
45) 1,2-Dichloropropane	9.372	63	1436	4.607	ug/l	92
46) Dibromomethane	9.457	93	1040	5.852	ug/l	89
47) Bromodichloromethane	9.640	83	2299	5.170	ug/l #	96
48) Methyl methacrylate	9.433	41	482	2.683	ug/l #	93
49) 1,4-Dioxane	9.457	88	154	63.990	ug/l #	43
51) 4-Methyl-2-Pentanone	10.207	43	2992	15.344	ug/l	100
52) Toluene	10.390	92	4232	5.137	ug/l	92
53) t-1,3-Dichloropropene	10.604	75	1857	4.213	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	2275	4.512	ug/l #	87
55) 1,1,2-Trichloroethane	10.786	97	1372	5.528	ug/l	90
56) Ethyl methacrylate	10.640	69	1268	4.212	ug/l #	90
57) 1,3-Dichloropropane	10.933	76	2274	5.376	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.921	63	2685	18.944	ug/l	96
59) 2-Hexanone	10.969	43	2145	15.599	ug/l	90
60) Dibromochloromethane	11.128	129	1700	5.703	ug/l	97
61) 1,2-Dibromoethane	11.231	107	1309	5.439	ug/l	93
64) Tetrachloroethene	10.866	164	1892	5.840	ug/l #	87
65) Chlorobenzene	11.658	112	5064	5.462	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.725	131	1852	5.451	ug/l	95
67) Ethyl Benzene	11.731	91	8005	4.846	ug/l	97
68) m/p-Xylenes	11.841	106	6450	10.030	ug/l	93
69) o-Xylene	12.164	106	2728	4.584	ug/l	94
70) Styrene	12.176	104	4540	4.448	ug/l	95
71) Bromoform	12.347	173	901	4.784	ug/l #	90
73) Isopropylbenzene	12.463	105	7707	4.896	ug/l	98
74) N-amyl acetate	12.268	43	992	2.878	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	1544	5.422	ug/l	96
76) 1,2,3-Trichloropropane	12.768	75	862m	3.843	ug/l	
77) Bromobenzene	12.749	156	2036	5.268	ug/l	89
78) n-propylbenzene	12.804	91	9568	4.948	ug/l	99
79) 2-Chlorotoluene	12.890	91	5378	4.836	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	6350	4.641	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.506	75	393	4.376	ug/l #	86
82) 4-Chlorotoluene	12.987	91	5763	4.868	ug/l	95
83) tert-Butylbenzene	13.207	119	5450	4.654	ug/l	92
84) 1,2,4-Trimethylbenzene	13.249	105	6327	4.645	ug/l	93
85) sec-Butylbenzene	13.377	105	8769	4.987	ug/l	98
86) p-Isopropyltoluene	13.493	119	7198	4.831	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	4538	5.734	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	4737	6.058	ug/l	94
89) n-Butylbenzene	13.822	91	7008	5.015	ug/l	93
90) Hexachloroethane	14.091	117	1626	5.902	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	4075	5.953	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.481	75	168	3.343	ug/l	70
93) 1,2,4-Trichlorobenzene	15.127	180	2338	4.943	ug/l	93
94) Hexachlorobutadiene	15.231	225	1348	4.532	ug/l	92
95) Naphthalene	15.359	128	3492	4.341	ug/l	95
96) 1,2,3-Trichlorobenzene	15.554	180	2045	4.839	ug/l	95

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 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampleId :
 VSTDICC005

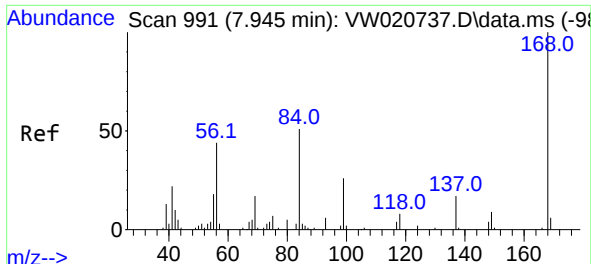
Manual Integrations
APPROVED

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Quant Time: Nov 02 04:26:06 2021
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 Quant Title : SW846 8260
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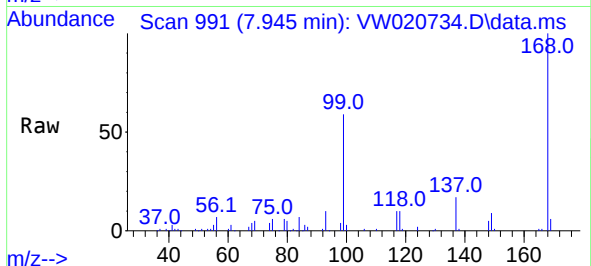
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

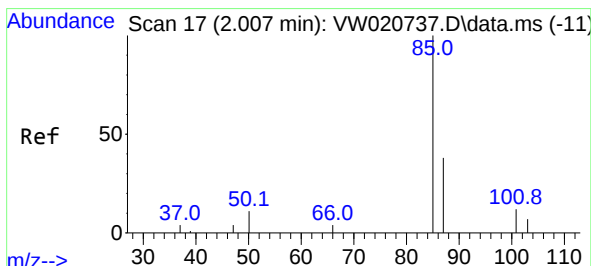
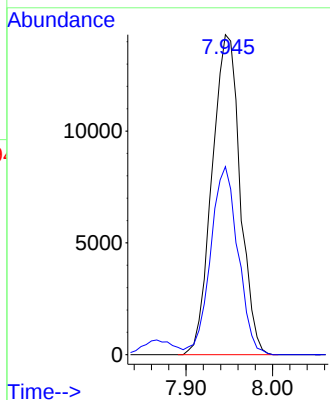
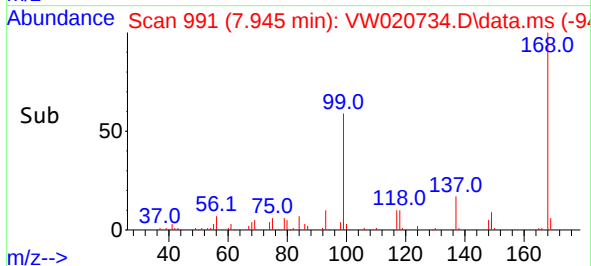
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



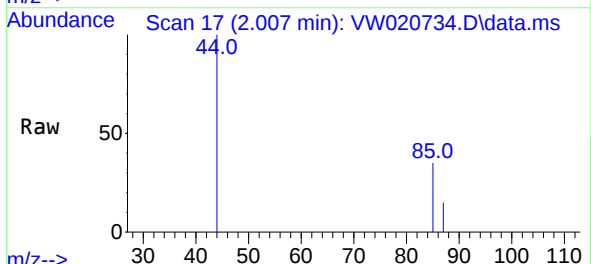
Tgt Ion:168 Resp: 32204
Ion Ratio Lower Upper
168 100
99 58.7 42.6 63.8

Manual Integrations
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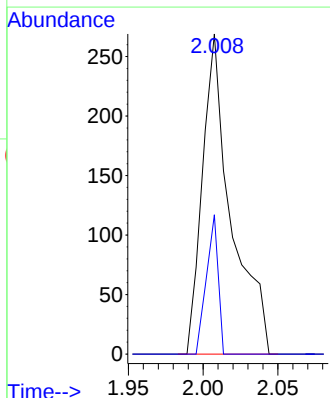
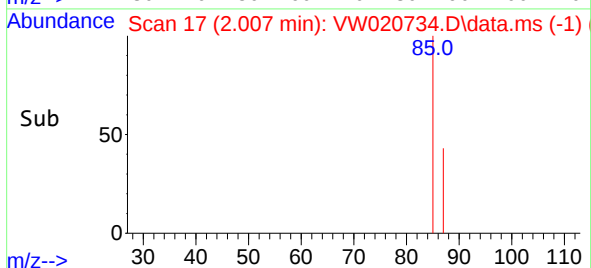
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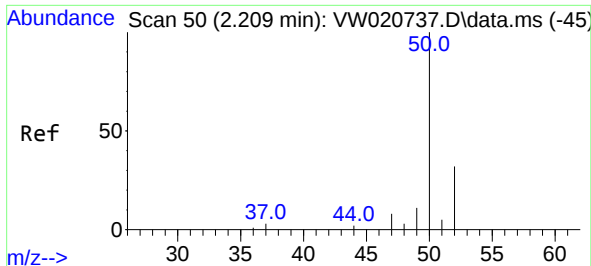


#2
Dichlorodifluoromethane
Concen: 4.491 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion: 85 Resp: 359
Ion Ratio Lower Upper
85 100
87 43.5 19.1 57.5





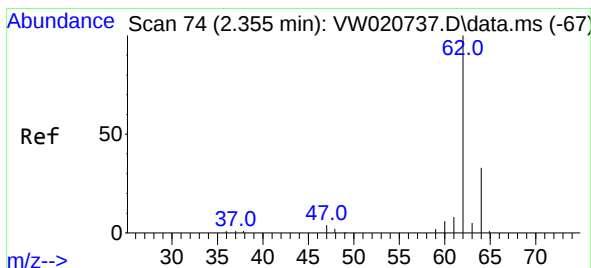
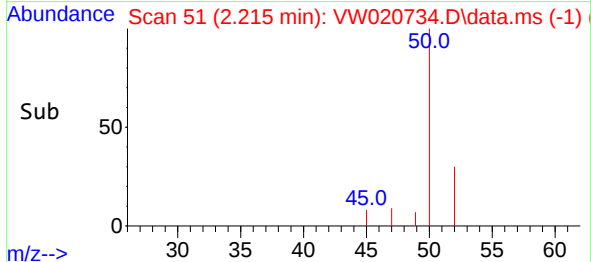
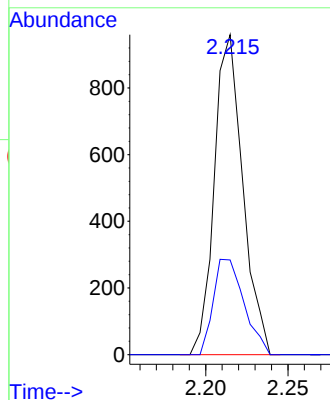
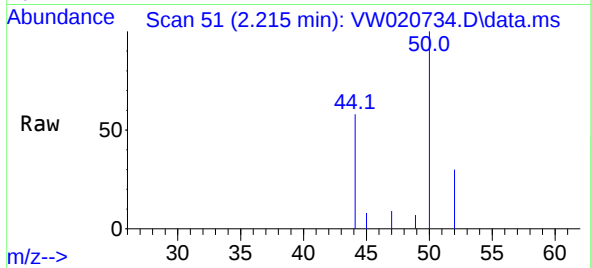
#3
Chloromethane
Concen: 5.989 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 115
Ion Ratio Lower Upper
50 100
52 29.6 25.9 38.9

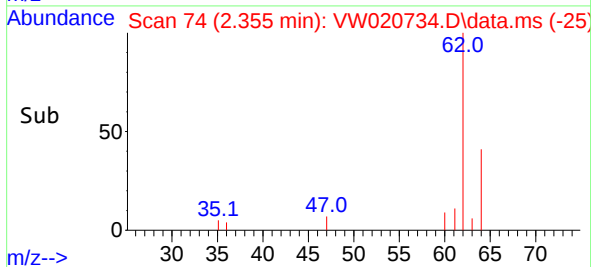
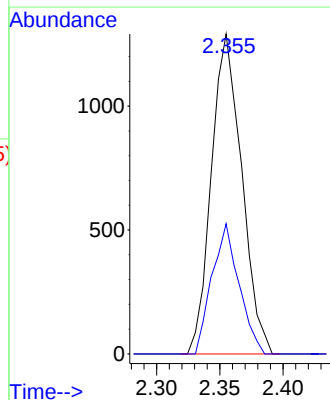
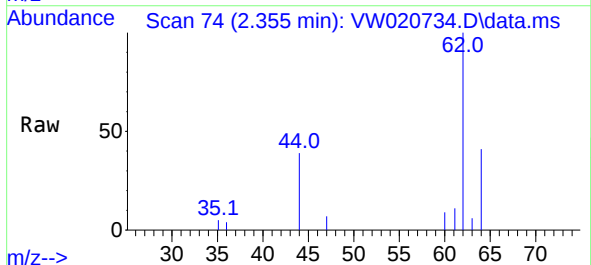
Manual Integrations
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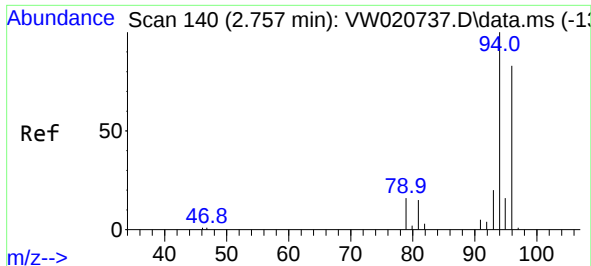
Reviewed By :Vimala Arumugam 11/02/2021
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#4
Vinyl Chloride
Concen: 8.618 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

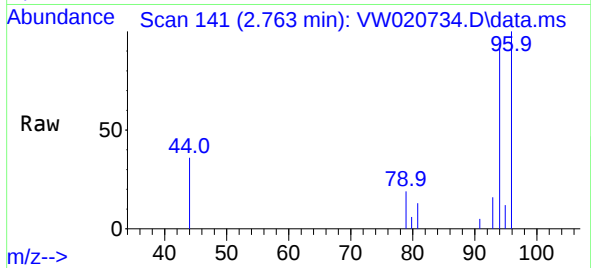
Tgt Ion: 62 Resp: 2153
Ion Ratio Lower Upper
62 100
64 40.7 26.7 40.1#





#5
Bromomethane
Concen: 15.240 ug/l
RT: 2.763 min Scan# 141
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

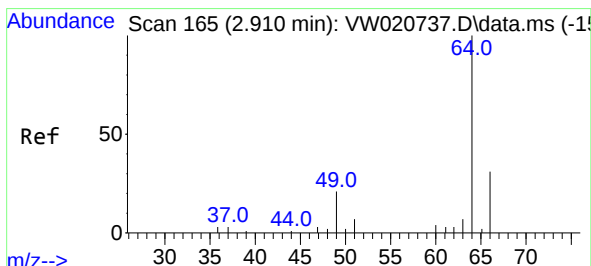
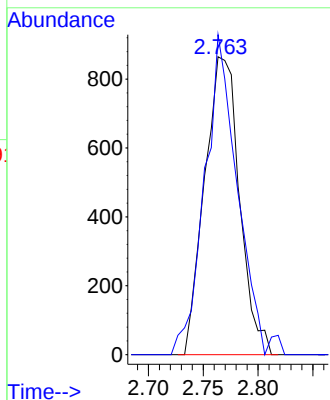
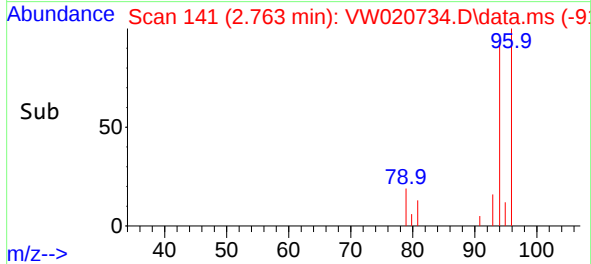
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



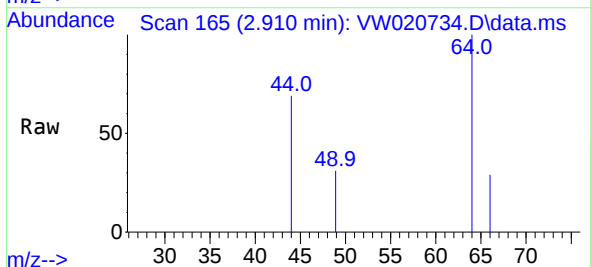
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 100.9 66.7 100.1

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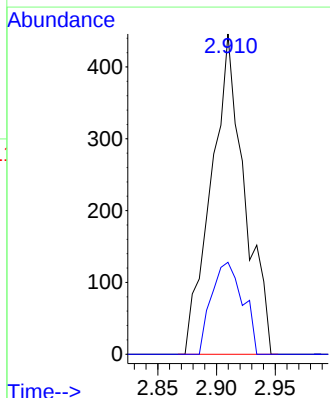
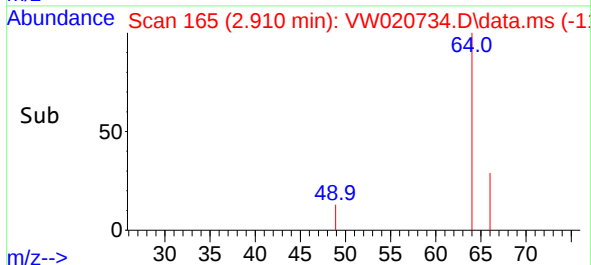
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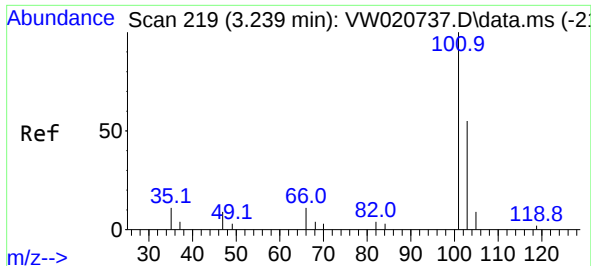


#6
Chloroethane
Concen: 11.649 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion: 64 Resp: 877
Ion Ratio Lower Upper
64 100
66 28.7 25.1 37.7





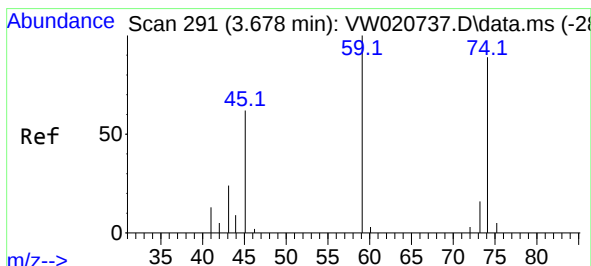
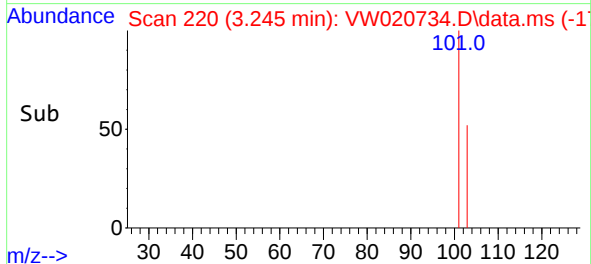
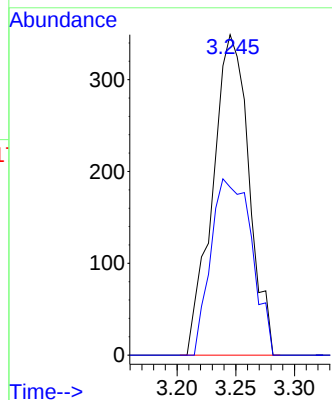
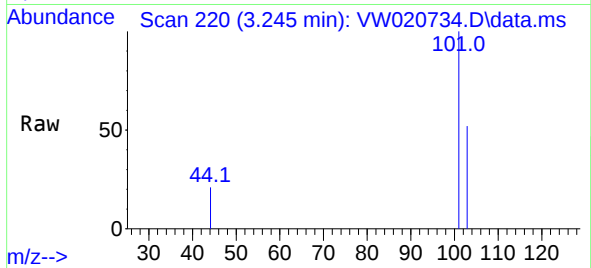
#7
 Trichlorofluoromethane
 Concen: 7.010 ug/l
 RT: 3.245 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VW020734.D
 Acq: 01 Nov 2021 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 75
 Ion Ratio Lower Upper
 101 100
 103 52.4 43.9 65.9

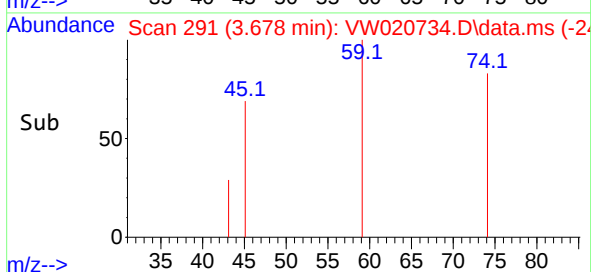
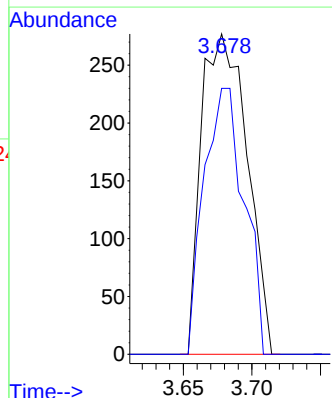
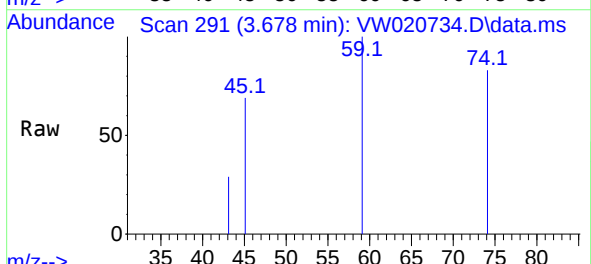
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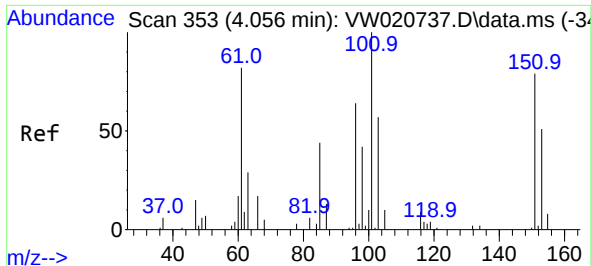
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#8
 Diethyl Ether
 Concen: 4.966 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VW020734.D
 Acq: 01 Nov 2021 14:13

Tgt Ion: 74 Resp: 645
 Ion Ratio Lower Upper
 74 100
 45 72.7 34.3 102.8





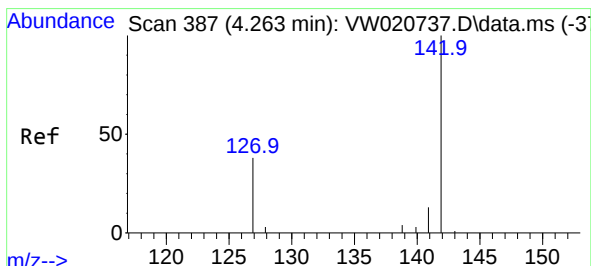
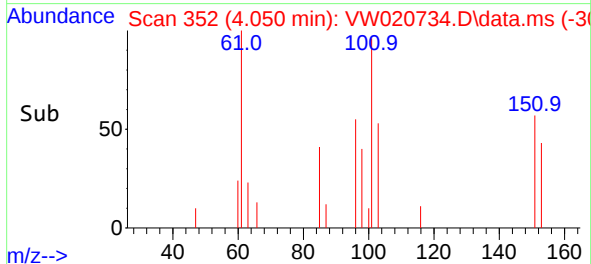
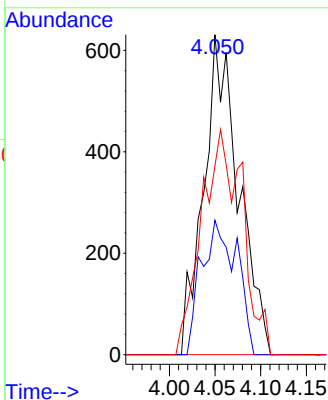
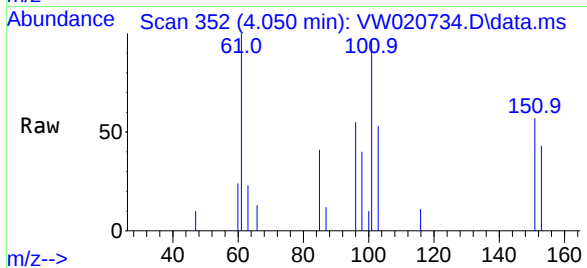
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.401 ug/l
RT: 4.050 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 1684
Ion Ratio Lower Upper
101 100
85 42.2 35.2 52.8
151 81.9 65.0 97.4

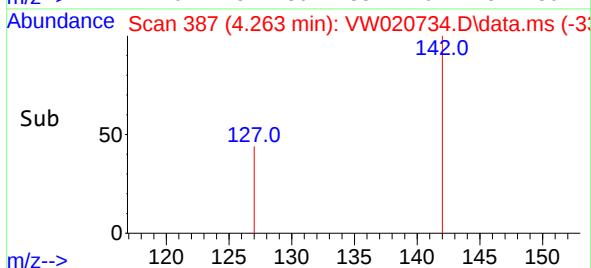
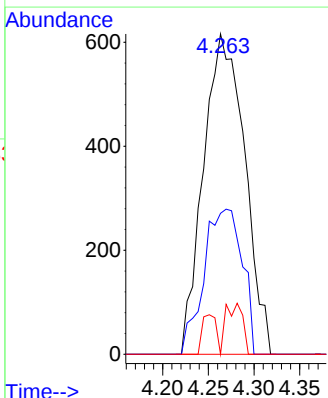
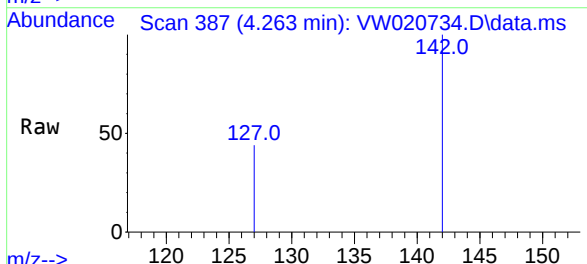
Manual Integrations
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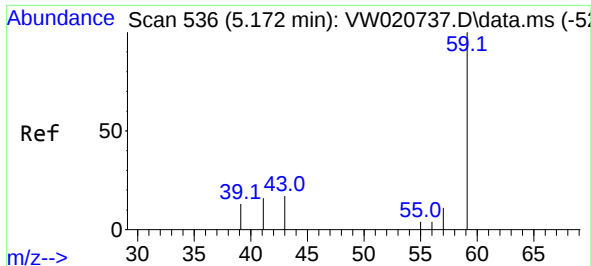
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#10
Methyl Iodide
Concen: 6.373 ug/l
RT: 4.263 min Scan# 387
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

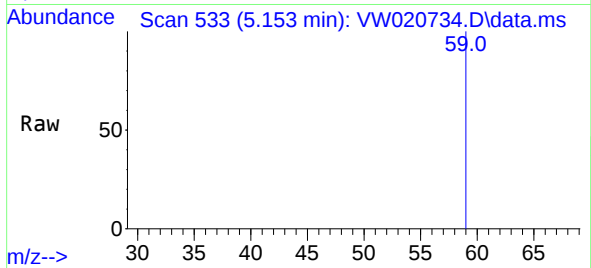
Tgt Ion:142 Resp: 1931
Ion Ratio Lower Upper
142 100
127 42.2 34.3 51.5
141 4.1 12.2 18.2#





#11
Tert butyl alcohol
Concen: 15.880 ug/l m
RT: 5.153 min Scan# 51
Delta R.T. -0.018 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

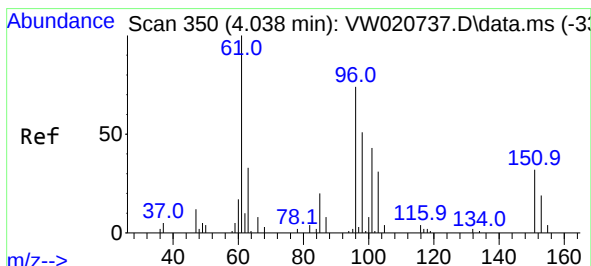
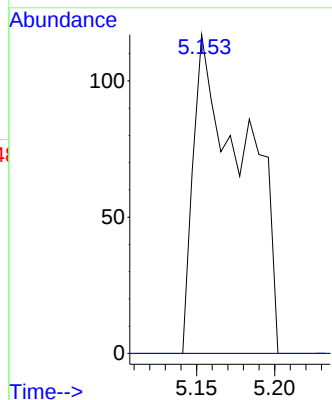
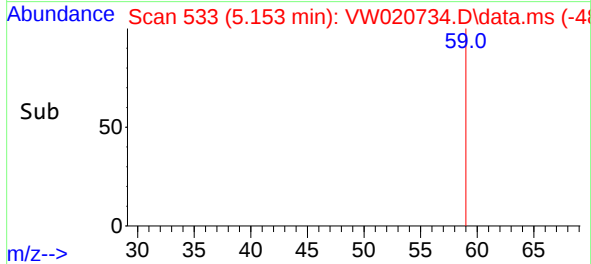
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



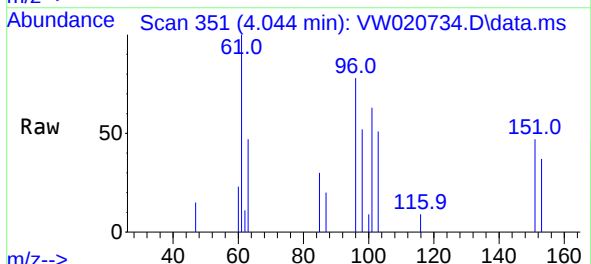
Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7

Manual Integrations
APPROVED

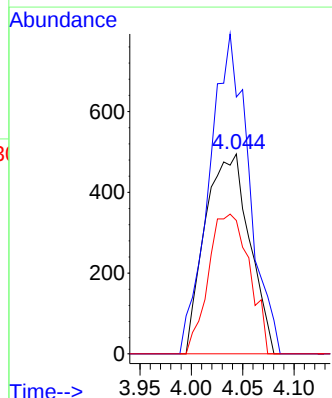
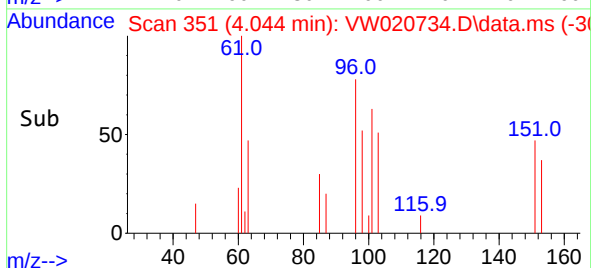
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

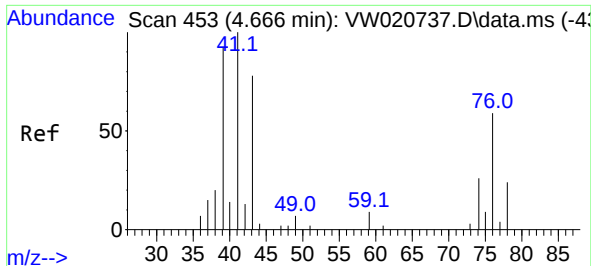


#12
1,1-Dichloroethene
Concen: 5.825 ug/l
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



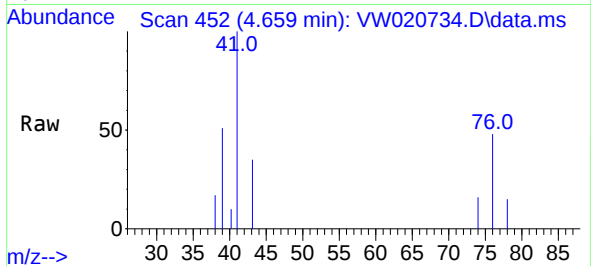
Tgt Ion: 96 Resp: 1481
Ion Ratio Lower Upper
96 100
61 128.5 108.1 162.1
98 66.7 55.4 83.2





#14
 Allyl chloride
 Concen: 3.456 ug/l
 RT: 4.659 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VW020734.D
 Acq: 01 Nov 2021 14:13

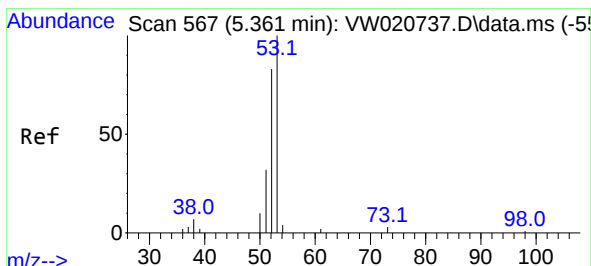
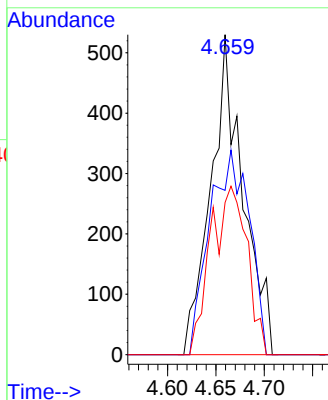
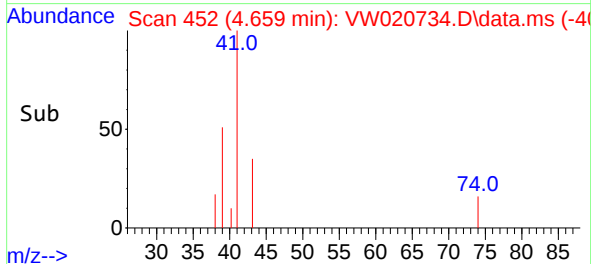
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005



Tgt Ion: 41 Resp: 1228
 Ion Ratio Lower Upper
 41 100
 39 78.9 67.3 100.9
 76 59.4 45.8 68.8

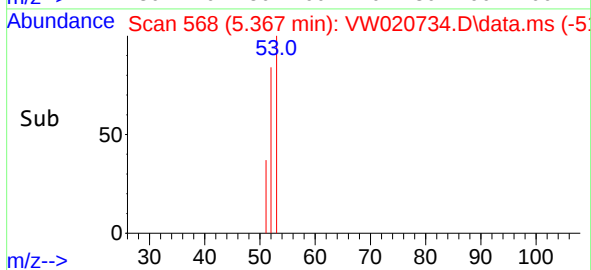
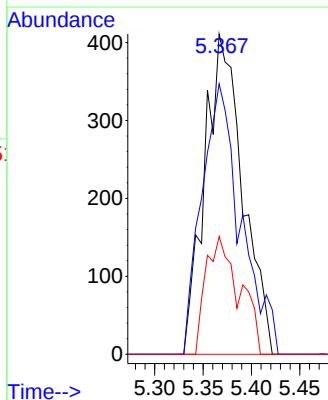
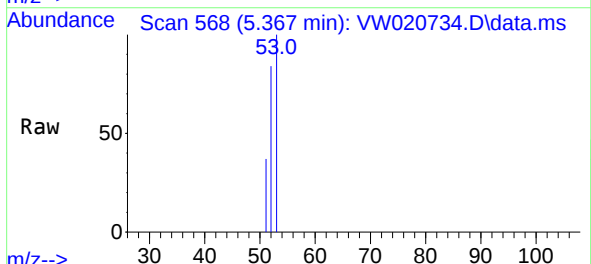
Manual Integrations
 APPROVED

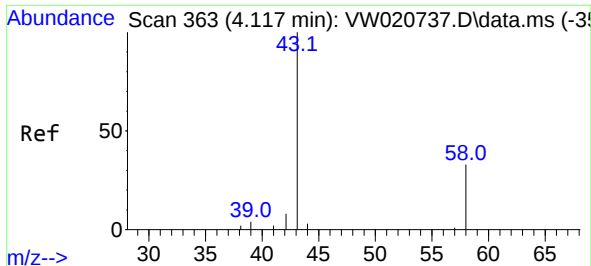
Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#15
 Acrylonitrile
 Concen: 18.730 ug/l
 RT: 5.367 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: VW020734.D
 Acq: 01 Nov 2021 14:13

Tgt Ion: 53 Resp: 1125
 Ion Ratio Lower Upper
 53 100
 52 86.6 63.7 95.5
 51 32.4 27.5 41.3





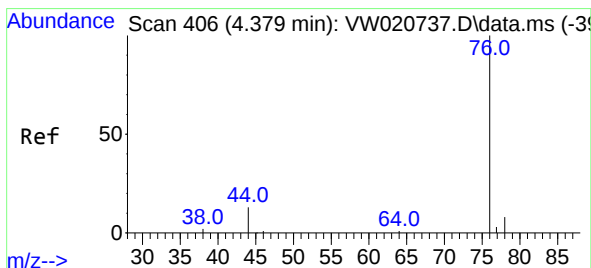
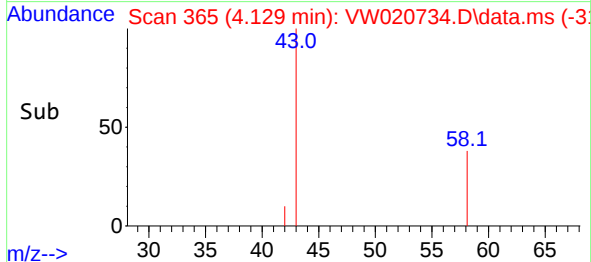
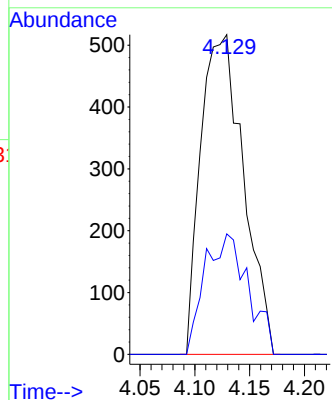
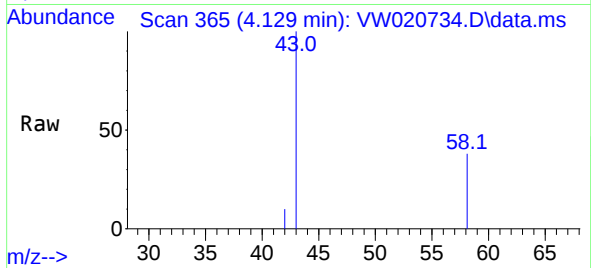
#16
Acetone
Concen: 20.935 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
Client Sample Id :
VSTDIC005

Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 37.7 27.8 41.6

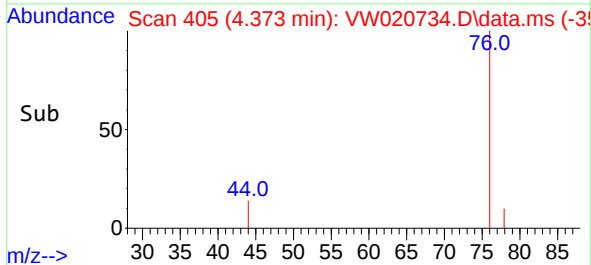
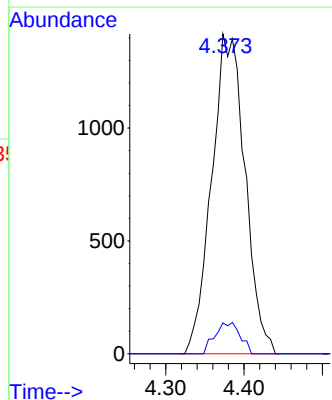
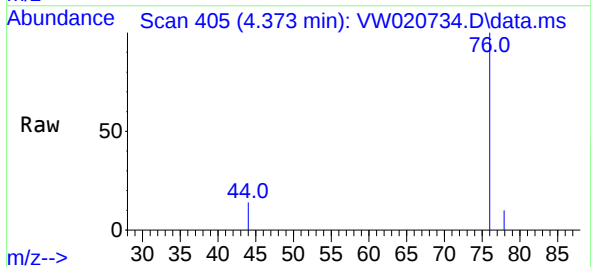
Manual Integrations
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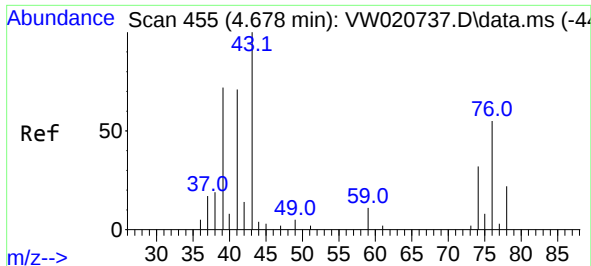
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#17
Carbon Disulfide
Concen: 6.047 ug/l
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 76 Resp: 4186
Ion Ratio Lower Upper
76 100
78 9.7 6.4 9.6





#18

Methyl Acetate

Concen: 3.628 ug/l

RT: 4.672 min Scan# 41

Delta R.T. -0.006 min

Lab File: VW020734.D

Acq: 01 Nov 2021 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

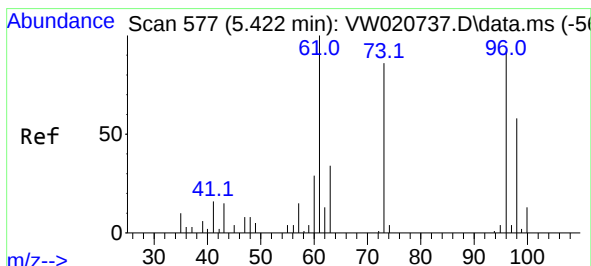
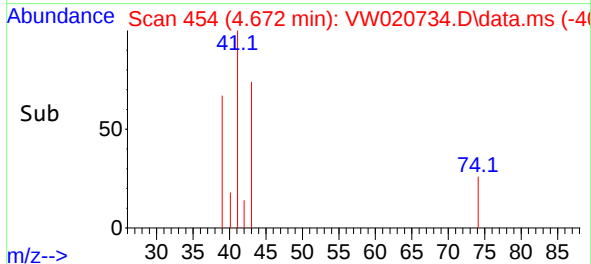
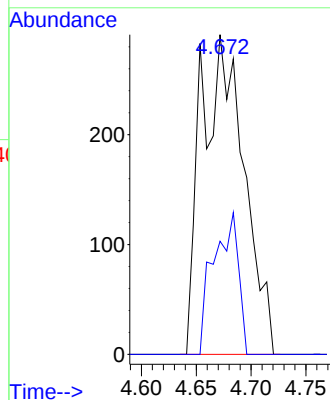
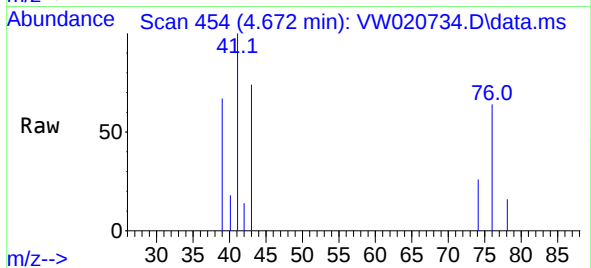
74 25.9 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#19

Methyl tert-butyl Ether

Concen: 4.745 ug/l

RT: 5.434 min Scan# 579

Delta R.T. 0.012 min

Lab File: VW020734.D

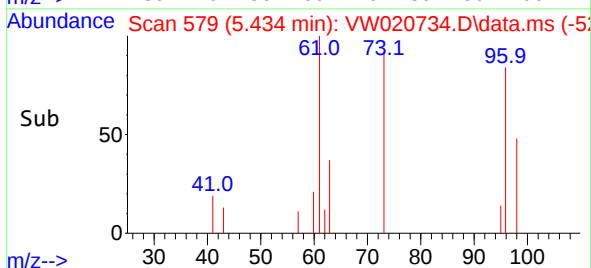
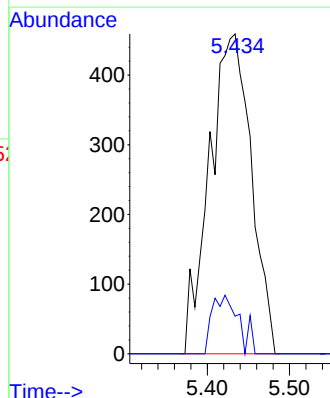
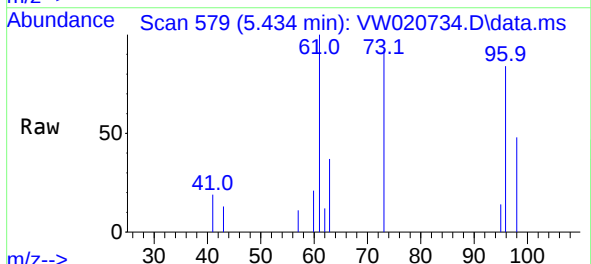
Acq: 01 Nov 2021 14:13

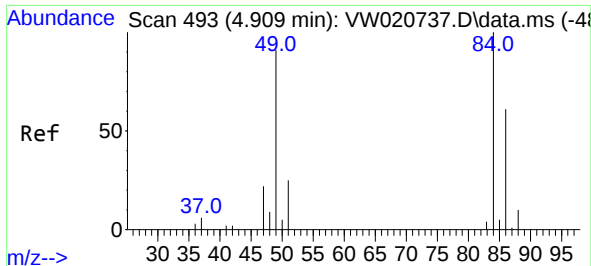
Tgt Ion: 73 Resp: 1622

Ion Ratio Lower Upper

73 100

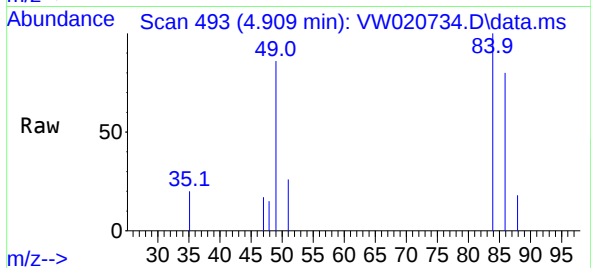
57 11.8 14.4 21.6#





#20
Methylene Chloride
Concen: 9.866 ug/l
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

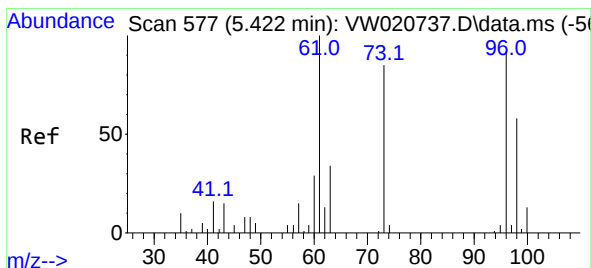
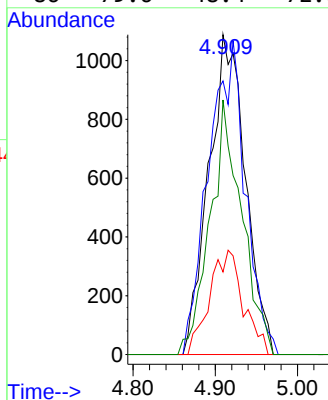
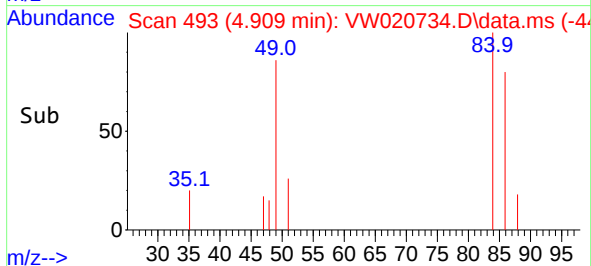
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 3359
Ion Ratio Lower Upper
84 100
49 85.6 72.6 108.8
51 25.8 19.7 29.5
86 79.6 48.4 72.6#

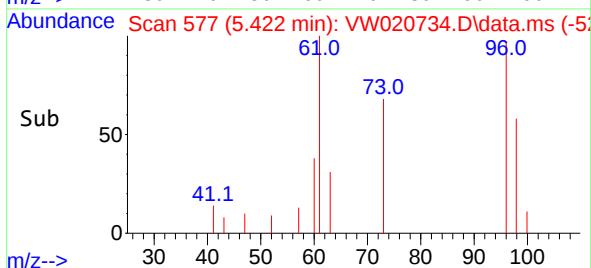
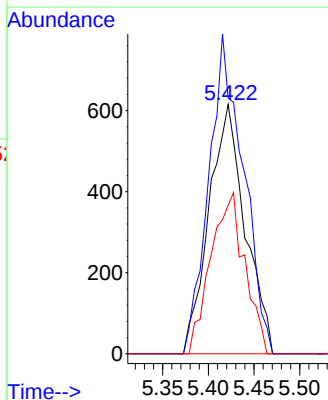
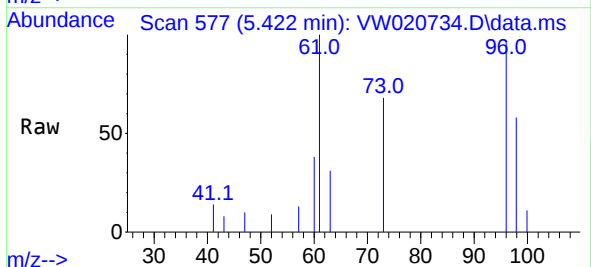
Manual Integrations
APPROVED

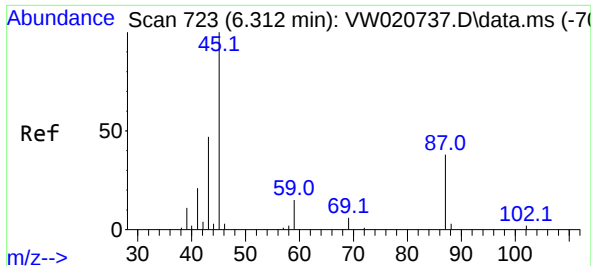
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#21
trans-1,2-Dichloroethene
Concen: 5.938 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

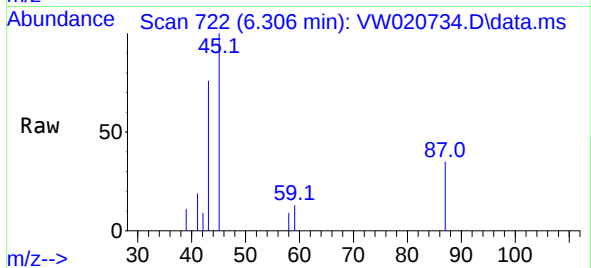
Tgt Ion: 96 Resp: 1694
Ion Ratio Lower Upper
96 100
61 102.6 87.2 130.8
98 59.5 50.9 76.3





#22
Diisopropyl ether
Concen: 3.469 ug/l
RT: 6.306 min Scan# 713
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

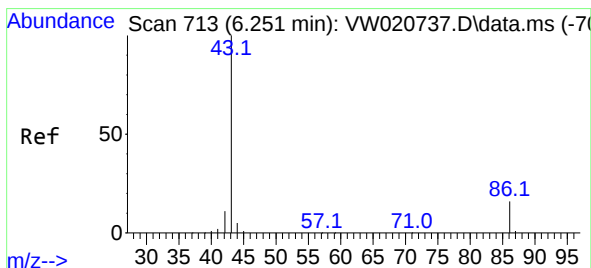
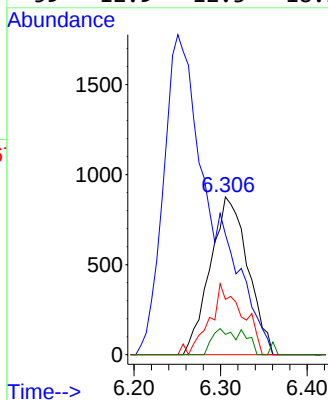
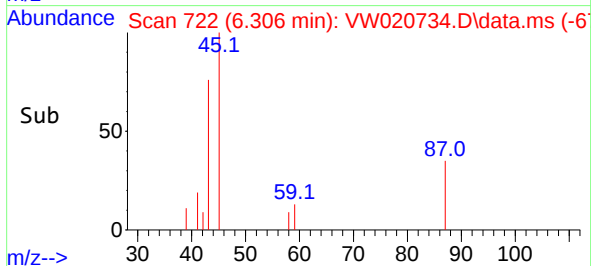
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 45 Resp: 2640
Ion Ratio Lower Upper
45 100
43 76.3 44.3 66.5
87 35.2 31.4 47.0
59 12.9 12.3 18.5

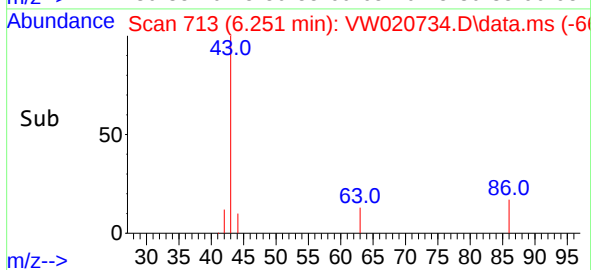
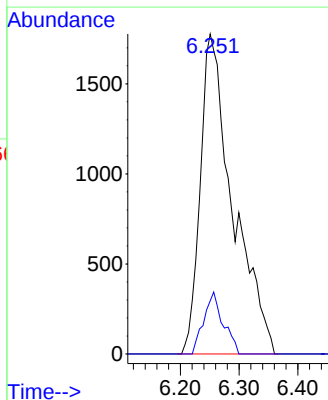
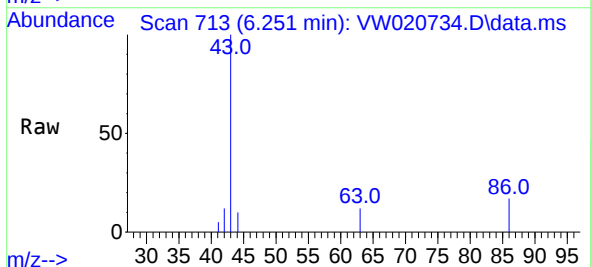
Manual Integrations
APPROVED

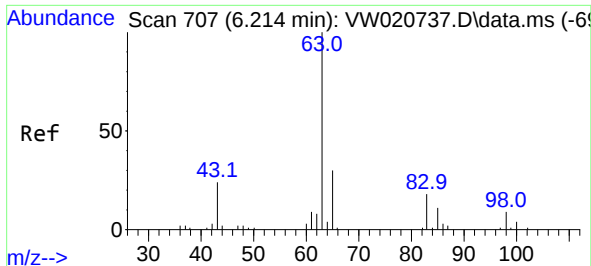
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#23
Vinyl Acetate
Concen: 16.323 ug/l
RT: 6.251 min Scan# 713
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 43 Resp: 6831
Ion Ratio Lower Upper
43 100
86 16.6 13.0 19.4





#24

1,1-Dichloroethane

Concen: 5.325 ug/l

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW020734.D

Acq: 01 Nov 2021 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 2704

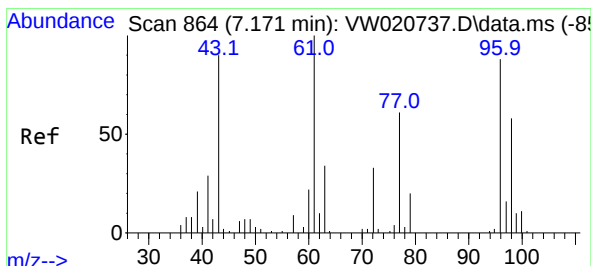
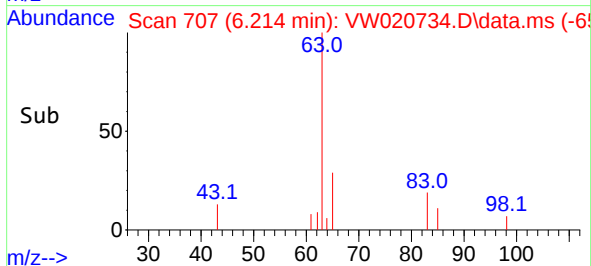
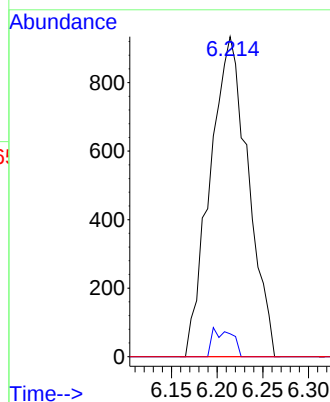
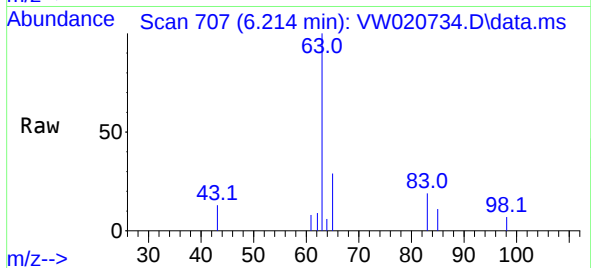
Ion	Ratio	Lower	Upper
63	100		
98	7.2	4.4	13.2
100	0.0	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/02/2021

Supervised By :Mahesh Dadoda 11/03/2021



#25

2-Butanone

Concen: 17.825 ug/l

RT: 7.177 min Scan# 865

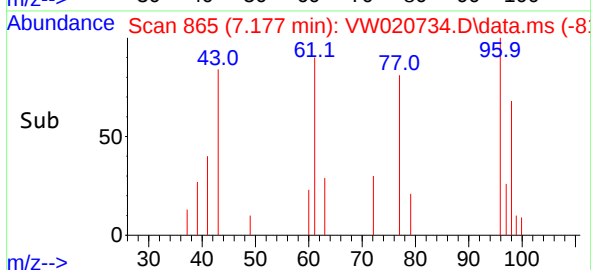
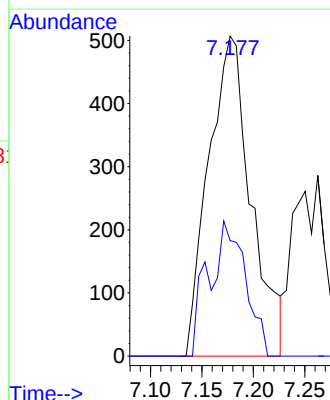
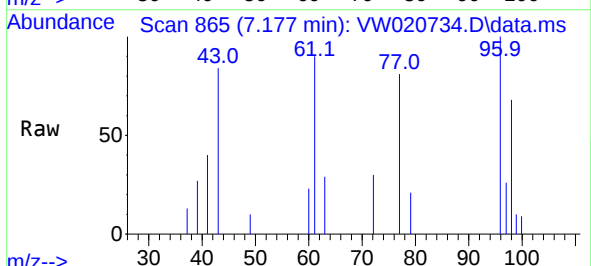
Delta R.T. 0.006 min

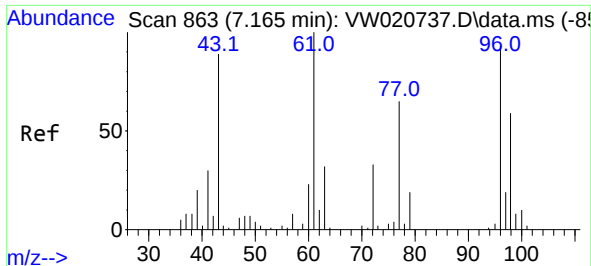
Lab File: VW020734.D

Acq: 01 Nov 2021 14:13

Tgt Ion: 43 Resp: 1453

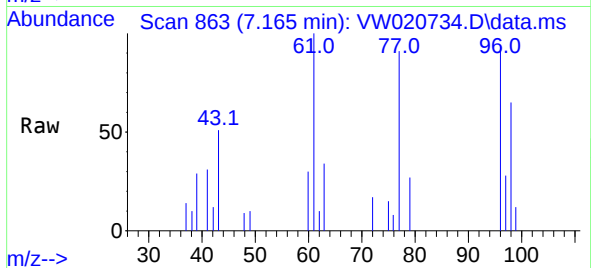
Ion	Ratio	Lower	Upper
43	100		
72	36.1	29.3	43.9





#26
2,2-Dichloropropane
Concen: 5.998 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

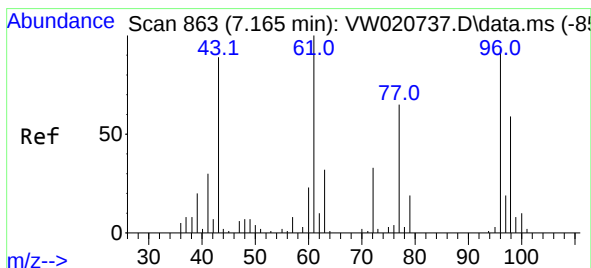
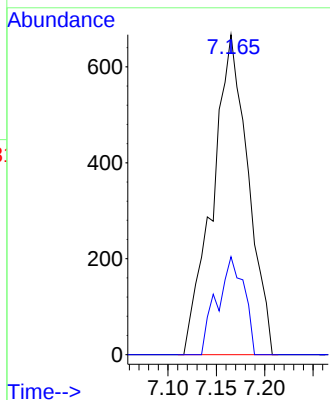
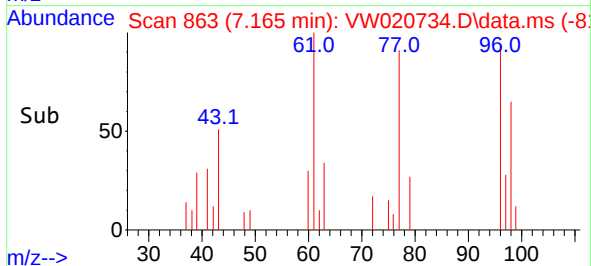
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



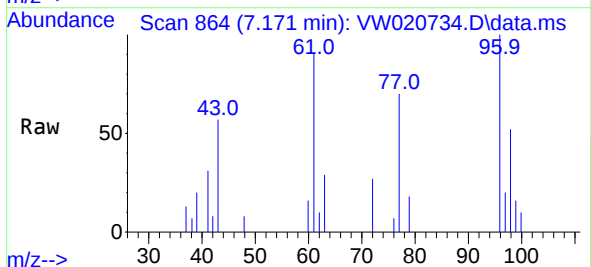
Tgt Ion: 77 Resp: 1708
Ion Ratio Lower Upper
77 100
97 23.0 13.5 40.5

Manual Integrations
APPROVED

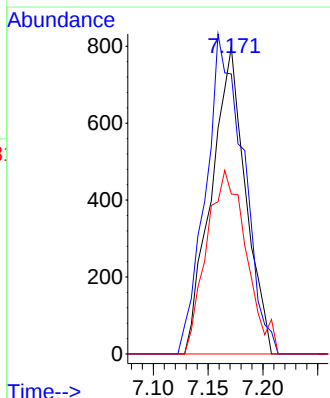
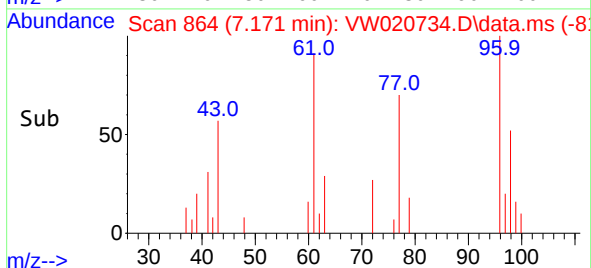
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

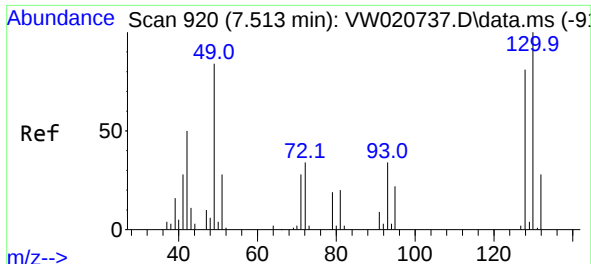


#27
cis-1,2-Dichloroethene
Concen: 5.562 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



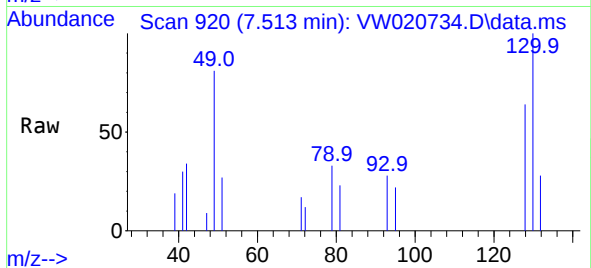
Tgt Ion: 96 Resp: 1733
Ion Ratio Lower Upper
96 100
61 114.6 0.0 234.8
98 69.4 0.0 135.4





#28
Bromochloromethane
Concen: 4.537 ug/l
RT: 7.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

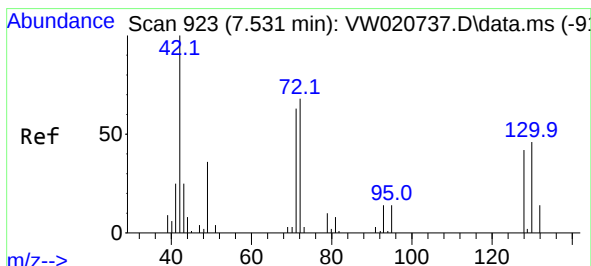
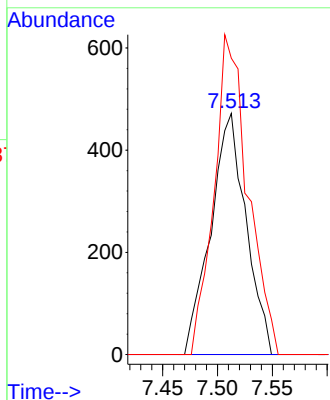
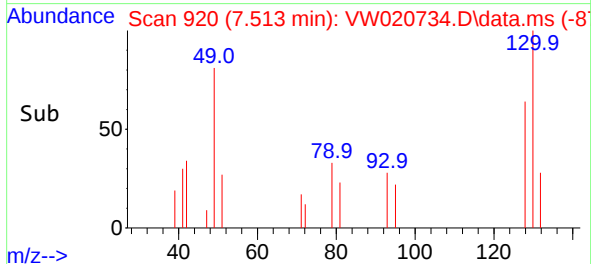
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



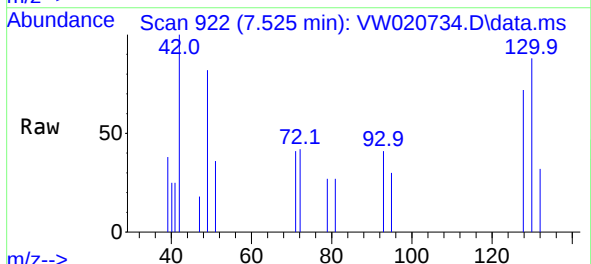
Tgt Ion: 49 Resp: 1059
Ion Ratio Lower Upper
49 100
129 0.0 0.0 7.6
130 127.0 88.2 132.2

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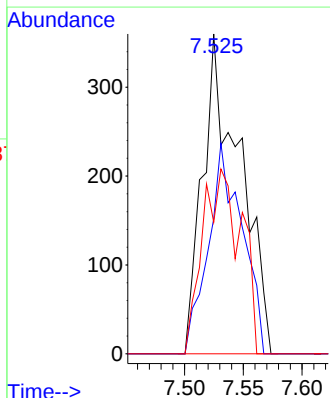
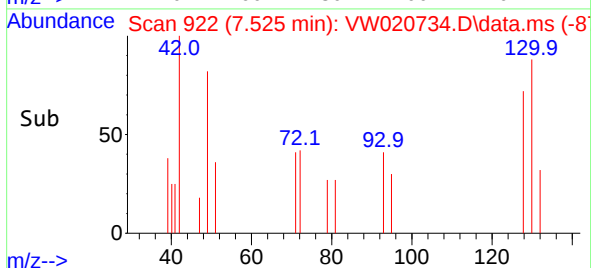
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

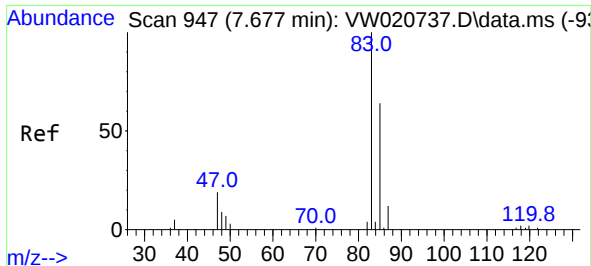


#29
Tetrahydrofuran
Concen: 16.159 ug/l
RT: 7.525 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion: 42 Resp: 793
Ion Ratio Lower Upper
42 100
72 59.6 53.0 79.4
71 59.6 49.4 74.2





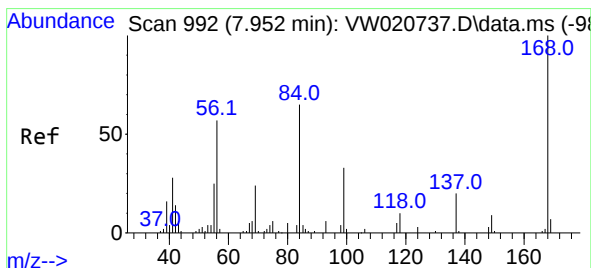
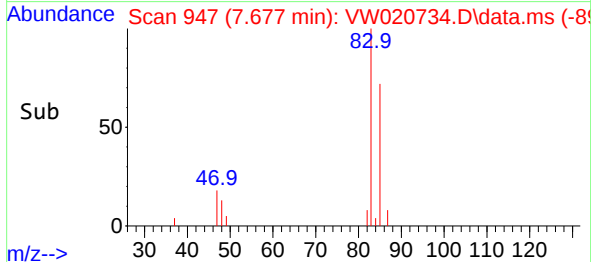
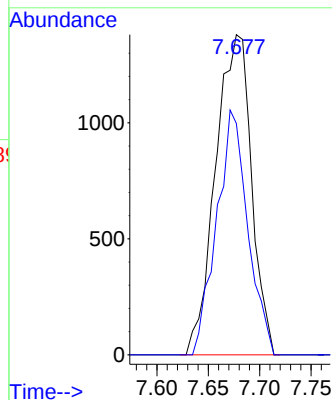
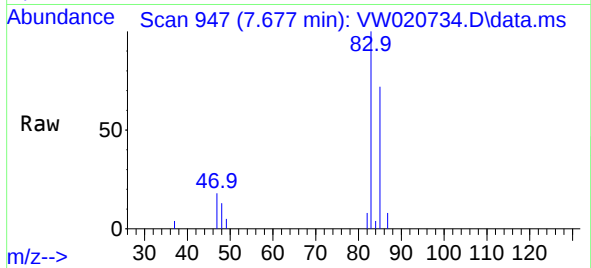
#30
Chloroform
Concen: 6.146 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 3350
Ion Ratio Lower Upper
83 100
85 72.2 51.2 76.8

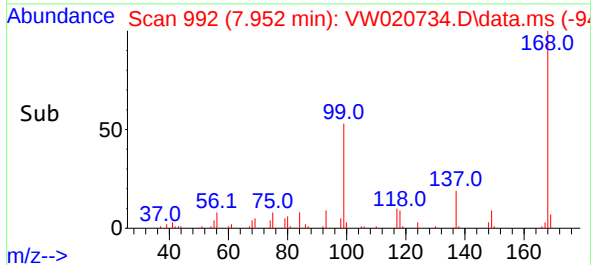
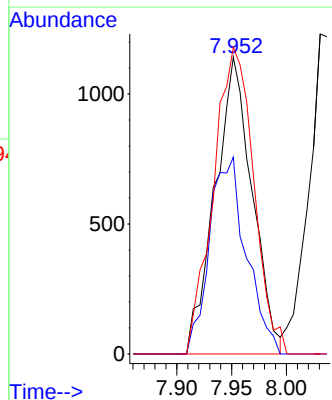
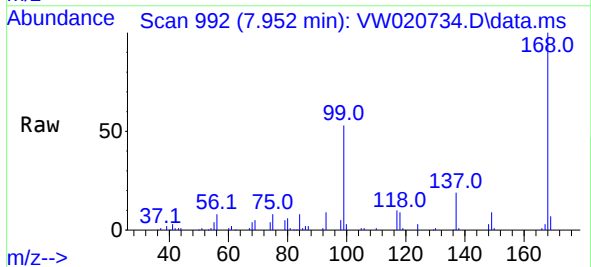
Manual Integrations
APPROVED

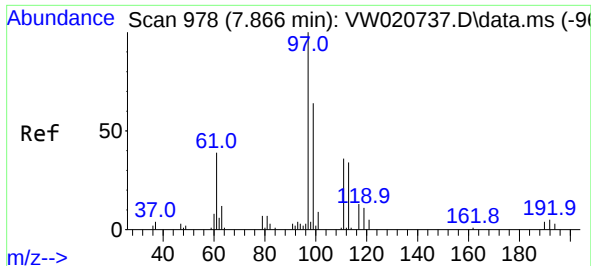
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#31
Cyclohexane
Concen: 5.302 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

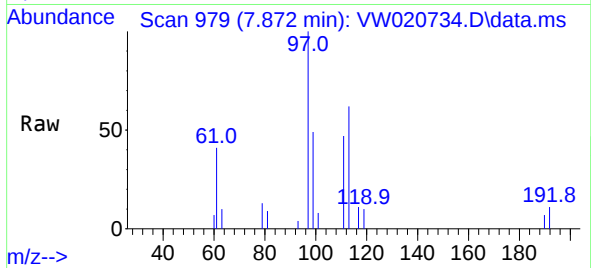
Tgt Ion: 56 Resp: 2693
Ion Ratio Lower Upper
56 100
69 66.3 34.2 51.2#
84 103.3 92.3 138.5





#32
1,1,1-Trichloroethane
Concen: 6.398 ug/l
RT: 7.872 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

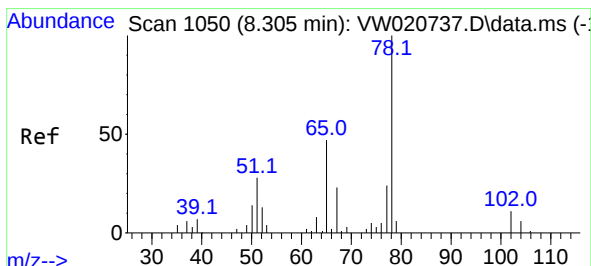
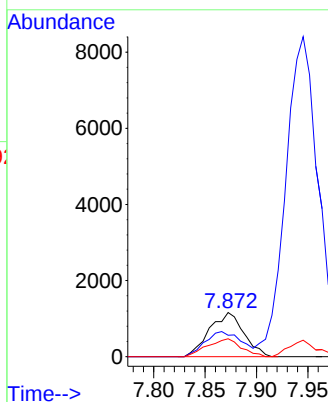
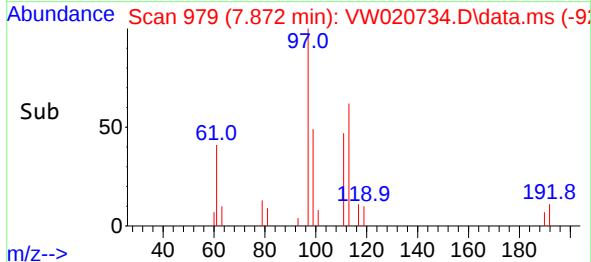
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



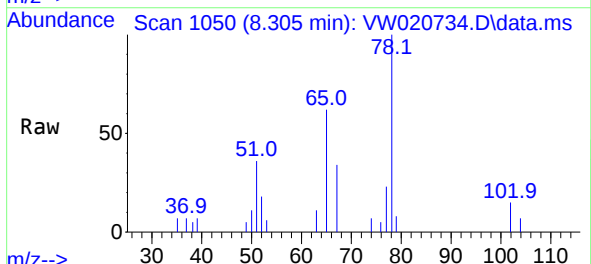
Tgt Ion: 97 Resp: 269
Ion Ratio Lower Upper
97 100
99 60.5 52.1 78.1
61 40.0 30.2 45.2

Manual Integrations
APPROVED

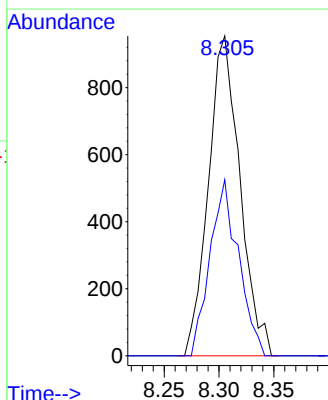
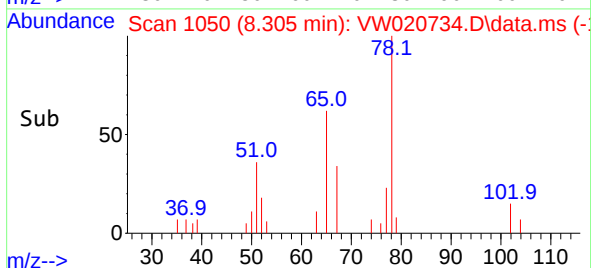
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

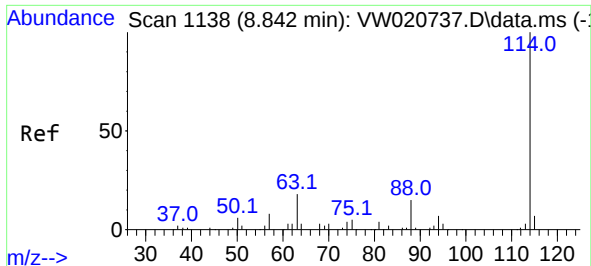


#33
1,2-Dichloroethane-d4
Concen: 6.151 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion: 65 Resp: 1913
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8





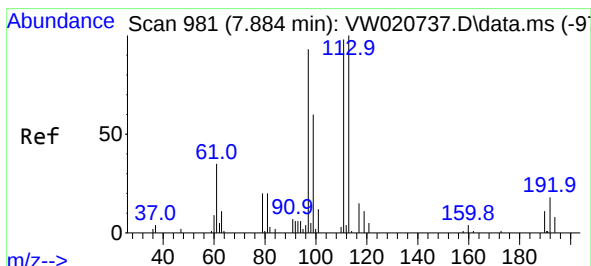
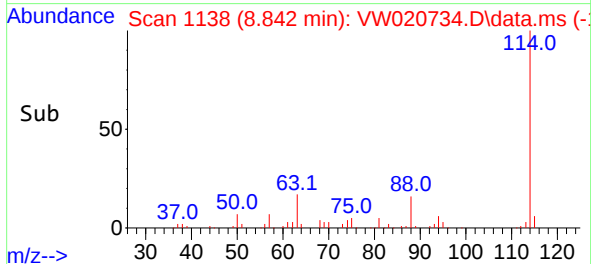
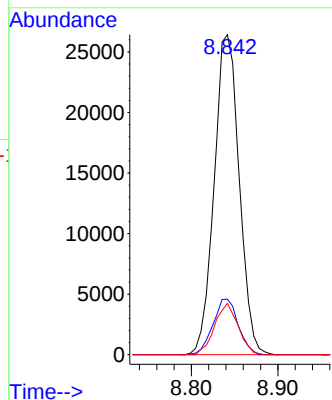
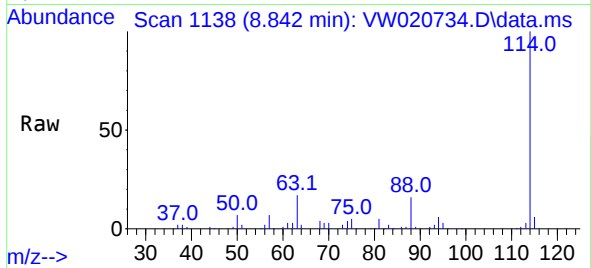
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:114 Resp: 5295
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.8
88 16.0 0.0 30.8

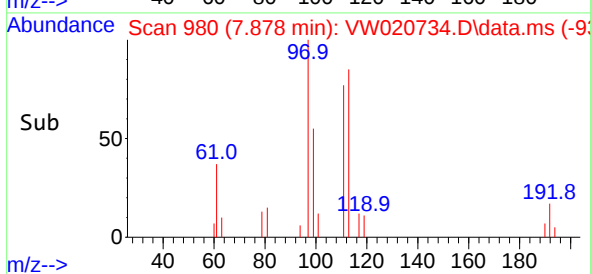
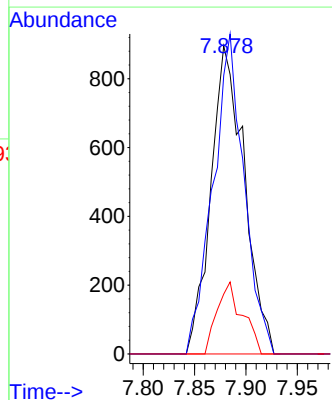
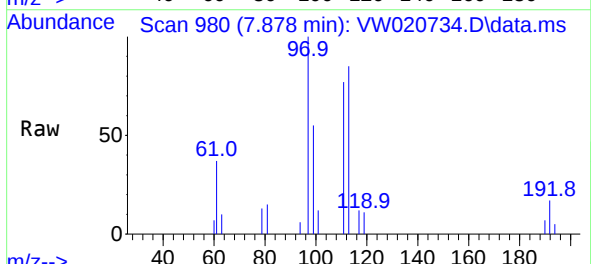
Manual Integrations
APPROVED

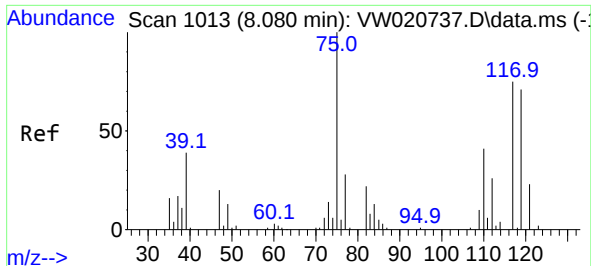
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#35
Dibromofluoromethane
Concen: 6.466 ug/l
RT: 7.878 min Scan# 980
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion:113 Resp: 2029
Ion Ratio Lower Upper
113 100
111 96.2 81.7 122.5
192 17.7 14.7 22.1





#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 8.086 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

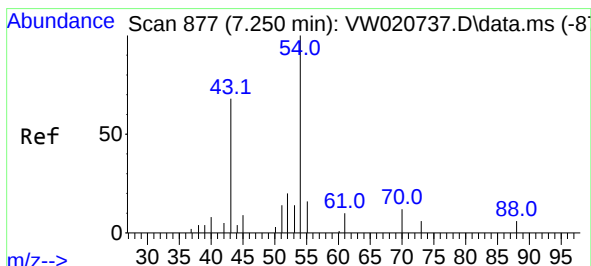
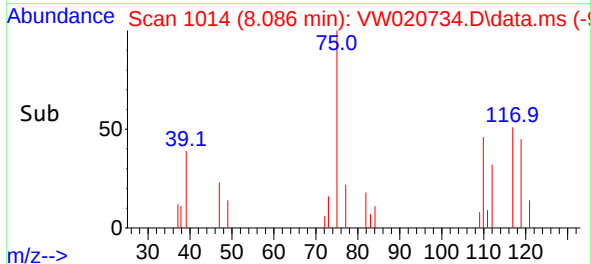
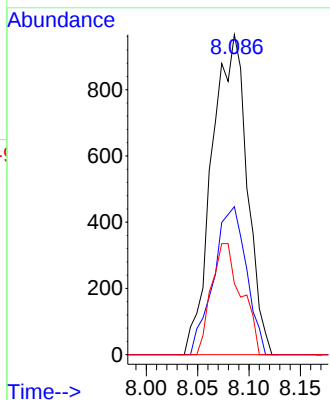
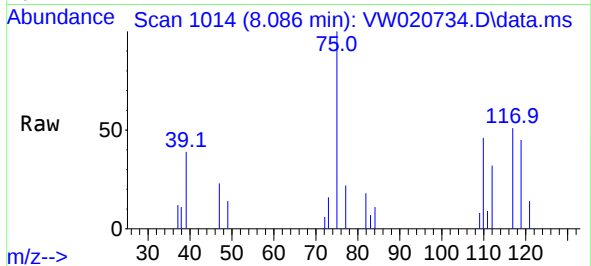
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 229

Ion	Ratio	Lower	Upper
75	100		
110	43.0	20.3	60.8
77	29.4	24.2	36.4

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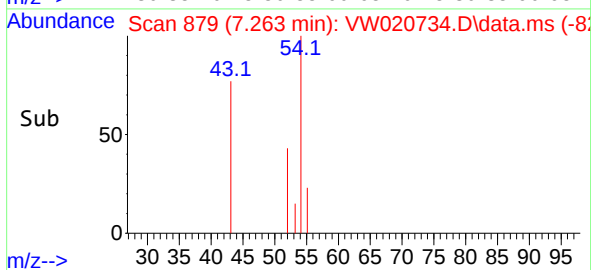
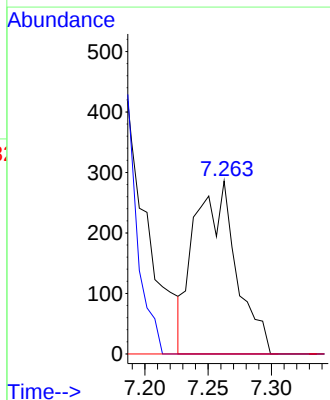
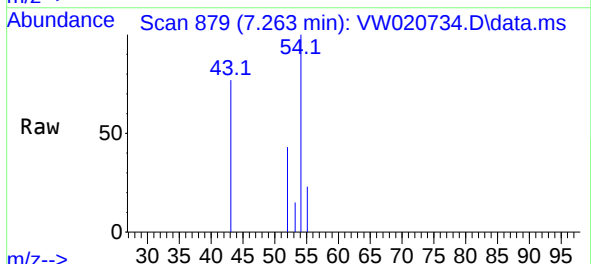
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

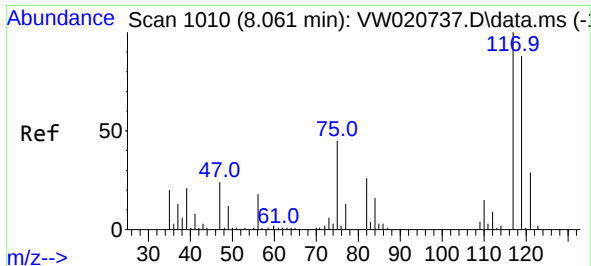


#37
Ethyl Acetate
Concen: 3.382 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.012 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 43 Resp: 653

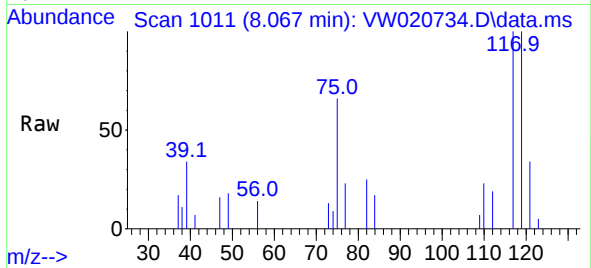
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.4	20.0#
70	0.0	11.4	17.0#





#38
Carbon Tetrachloride
Concen: 5.857 ug/l
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

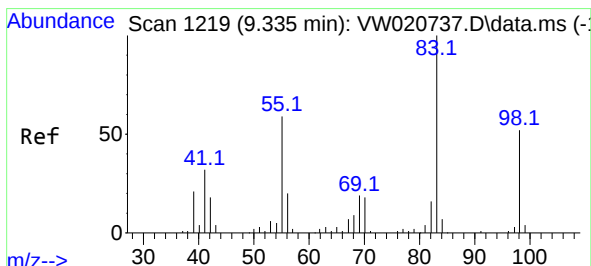
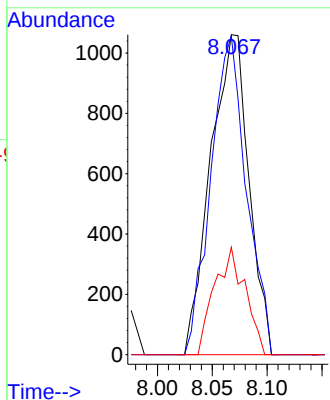
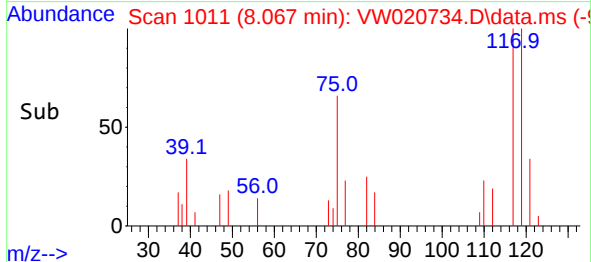
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



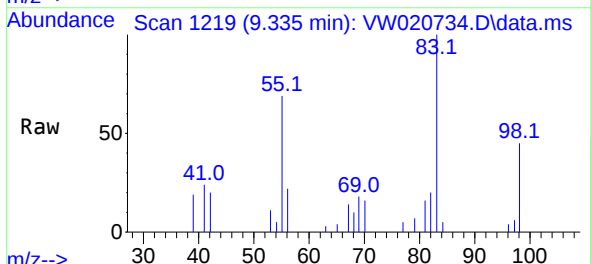
Tgt Ion: 117 Resp: 257
Ion Ratio Lower Upper
117 100
119 99.5 70.6 106.0
121 33.6 23.3 34.9

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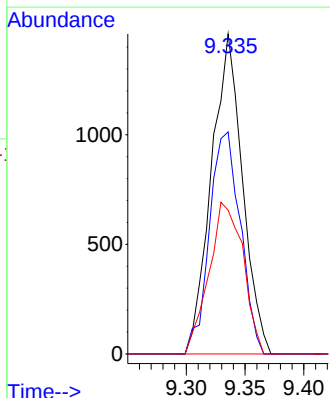
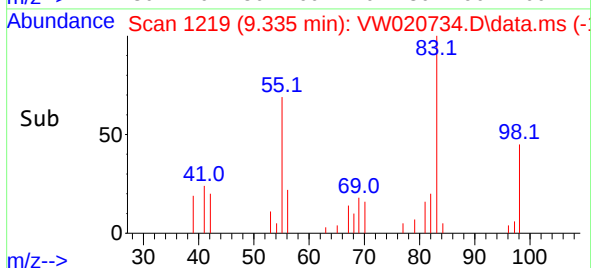
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

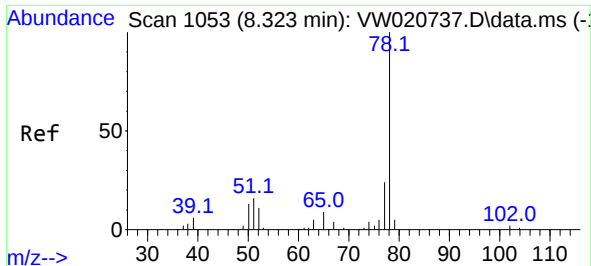


#39
Methylcyclohexane
Concen: 4.750 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion: 83 Resp: 2690
Ion Ratio Lower Upper
83 100
55 69.4 47.4 71.0
98 44.9 41.8 62.6





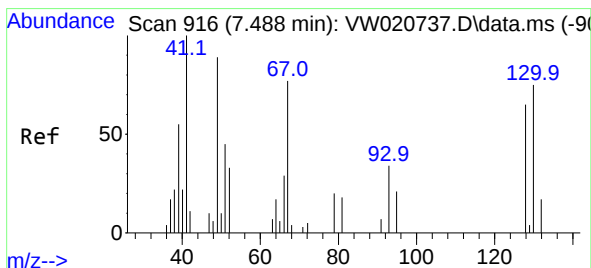
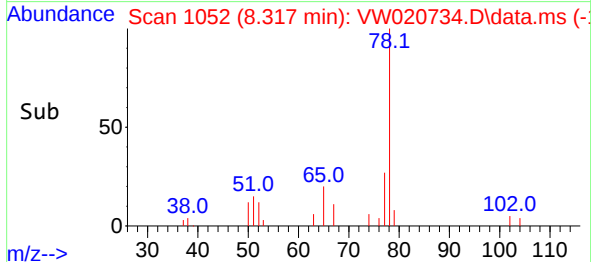
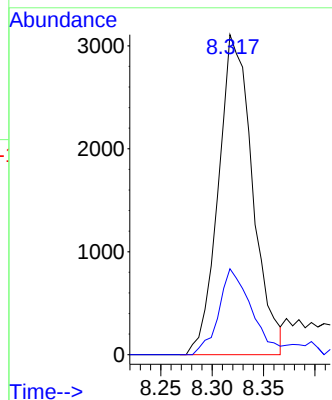
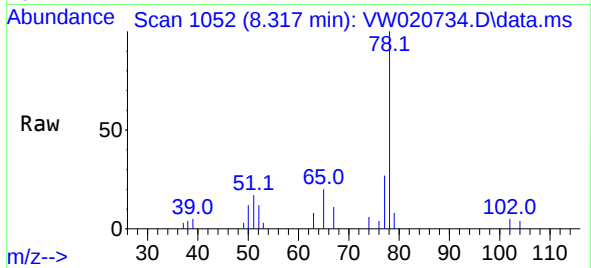
#40
Benzene
Concen: 5.375 ug/l
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 78 Resp: 7200
Ion Ratio Lower Upper
78 100
77 26.8 19.0 28.4

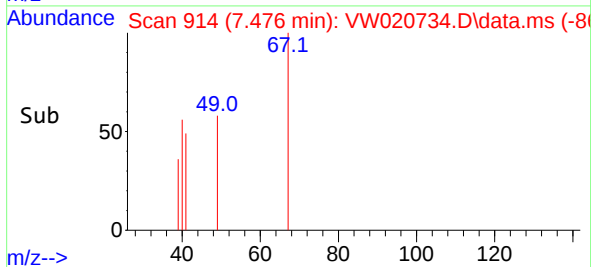
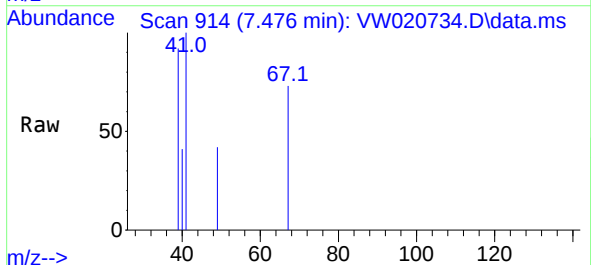
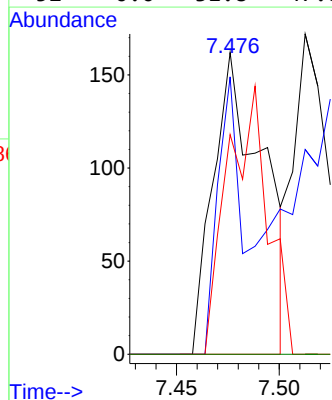
Manual Integrations
APPROVED

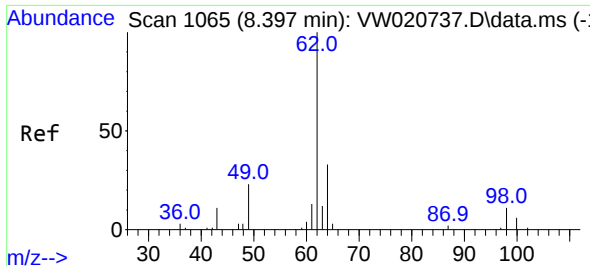
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#41
Methacrylonitrile
Concen: 2.412 ug/l
RT: 7.476 min Scan# 914
Delta R.T. -0.012 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 41 Resp: 271
Ion Ratio Lower Upper
41 100
39 47.6 51.6 77.4#
67 73.1 81.0 121.4#
52 0.0 31.8 47.8#





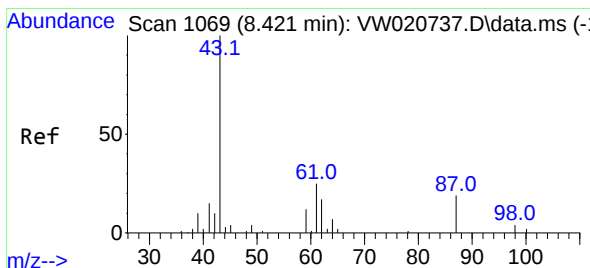
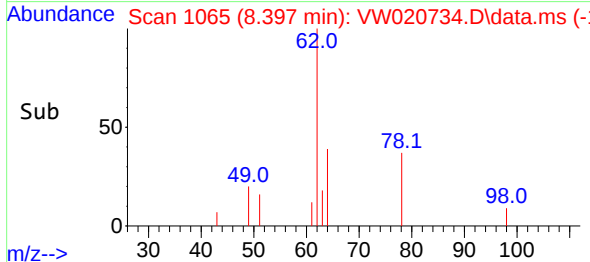
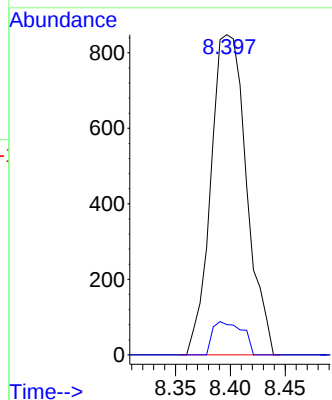
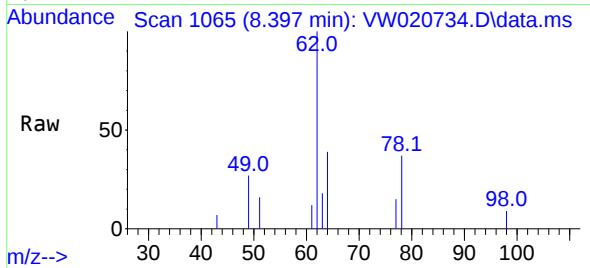
#42
1,2-Dichloroethane
Concen: 4.701 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 62 Resp: 191
Ion Ratio Lower Upper
62 100
98 8.6 0.0 21.6

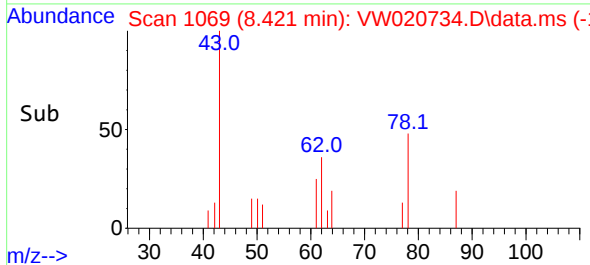
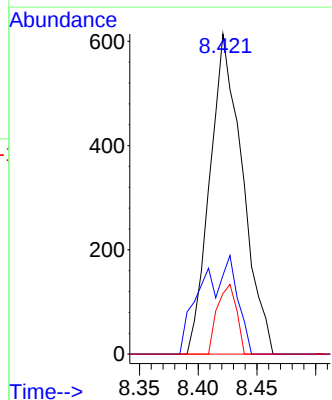
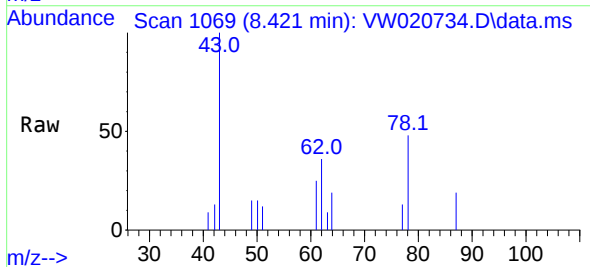
Manual Integrations
APPROVED

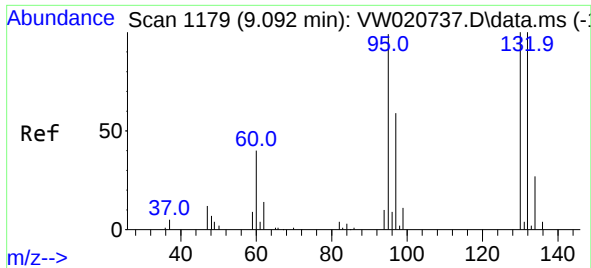
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#43
Isopropyl Acetate
Concen: 3.215 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

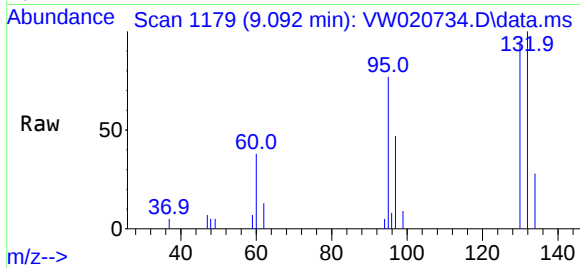
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
61 18.1 30.0 45.0#
87 12.8 15.0 22.4#





#44
Trichloroethene
Concen: 5.950 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

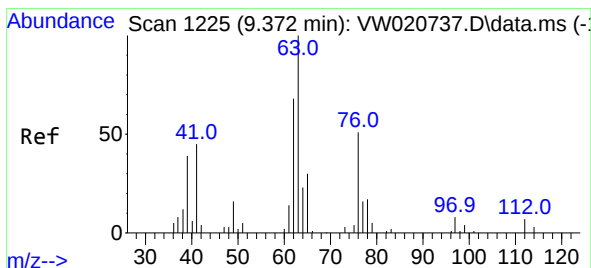
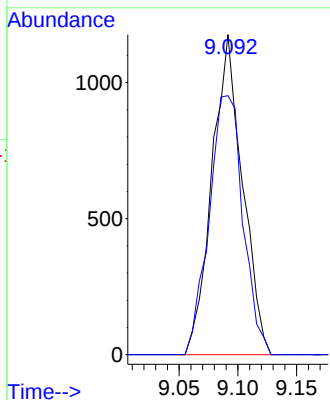
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



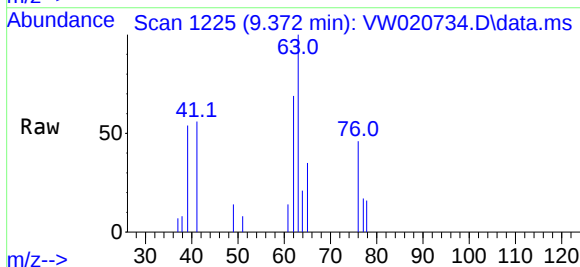
Tgt Ion:130 Resp: 2130
Ion Ratio Lower Upper
130 100
95 81.0 0.0 198.6

Manual Integrations
APPROVED

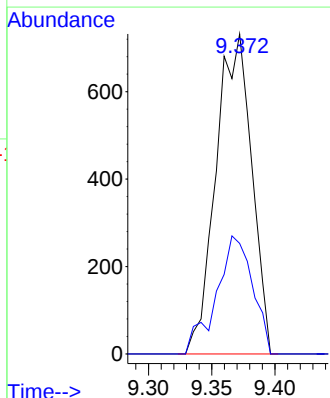
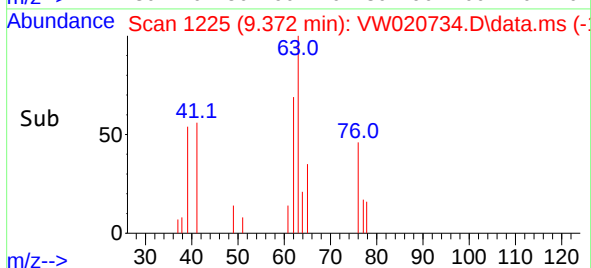
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

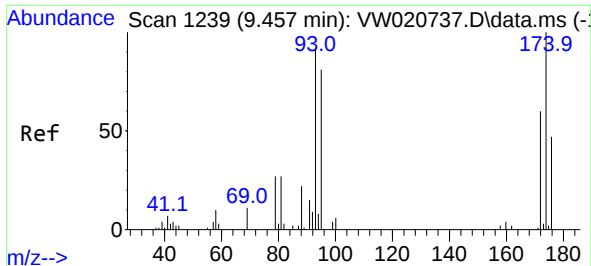


#45
1,2-Dichloropropane
Concen: 4.607 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion: 63 Resp: 1436
Ion Ratio Lower Upper
63 100
65 34.6 24.2 36.2





#46

Dibromomethane

Concen: 5.852 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020734.D

Acq: 01 Nov 2021 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

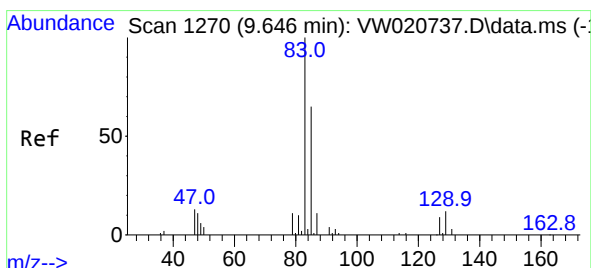
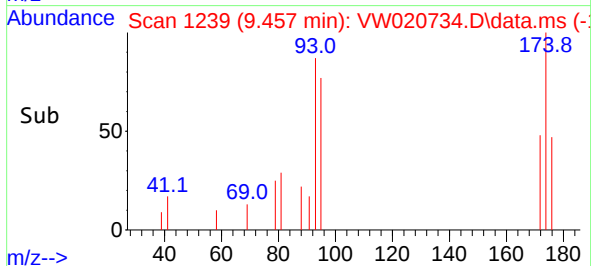
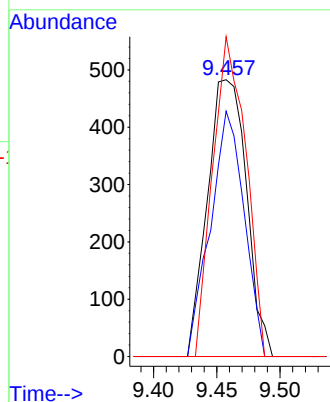
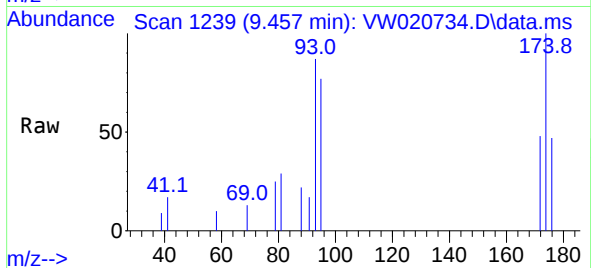
Tgt Ion: 93 Resp: 1040

Ion	Ratio	Lower	Upper
93	100		
95	76.5	68.6	103.0
174	97.9	87.8	131.8

Manual Integrations

APPROVED

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



#47

Bromodichloromethane

Concen: 5.170 ug/l

RT: 9.640 min Scan# 1269

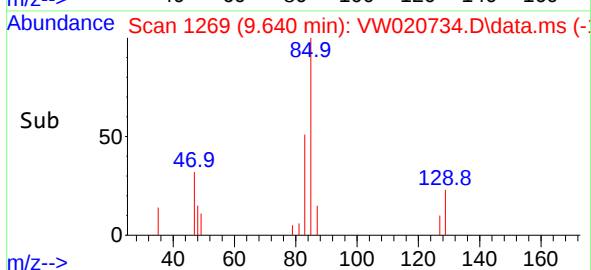
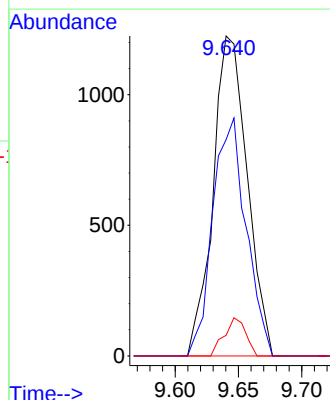
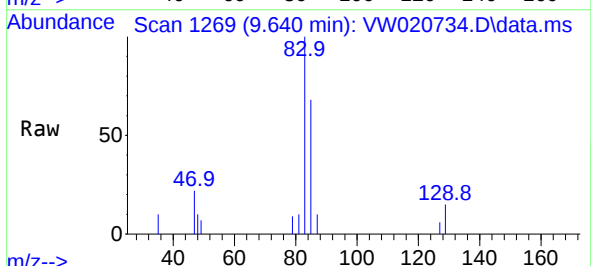
Delta R.T. -0.006 min

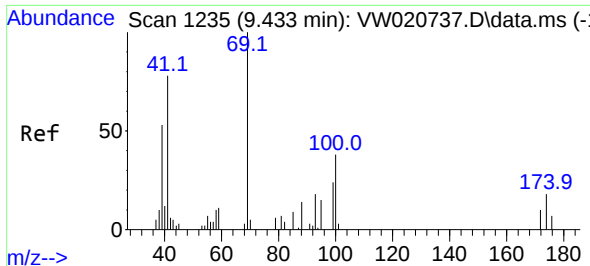
Lab File: VW020734.D

Acq: 01 Nov 2021 14:13

Tgt Ion: 83 Resp: 2299

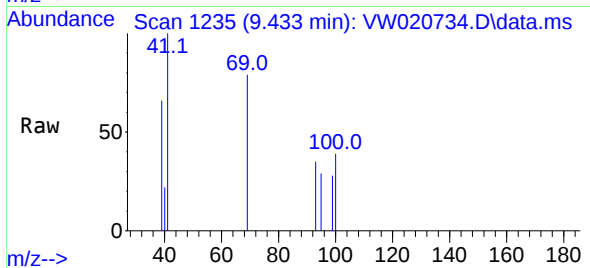
Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.9	77.9
127	6.4	7.6	11.4





#48
Methyl methacrylate
Concen: 2.683 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

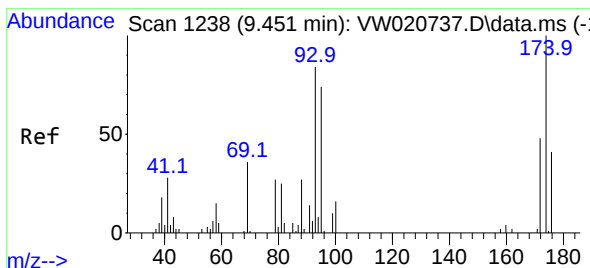
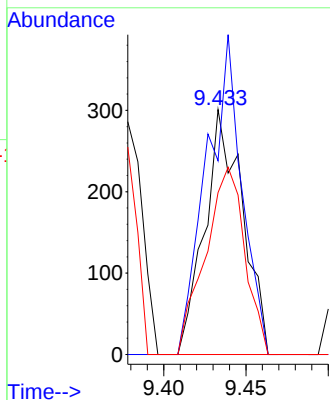
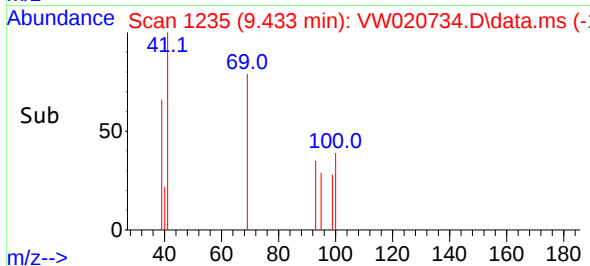
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



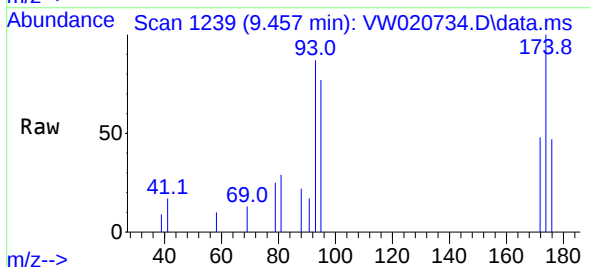
Tgt Ion: 41 Resp: 48
Ion Ratio Lower Upper
41 100
69 121.2 96.4 144.6
39 79.7 51.9 77.9

Manual Integrations
APPROVED

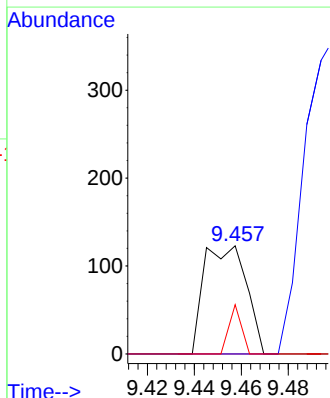
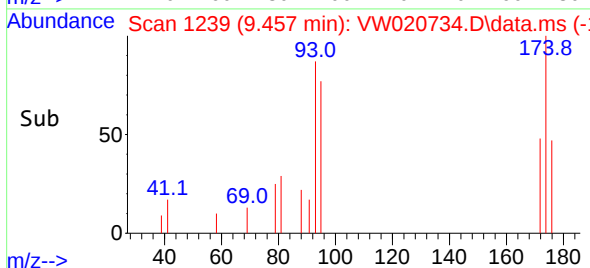
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

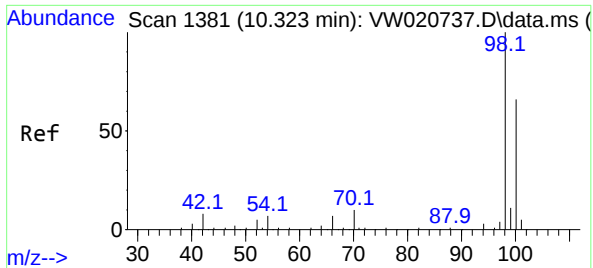


#49
1,4-Dioxane
Concen: 63.990 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion: 88 Resp: 154
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 13.0 46.2 69.4#





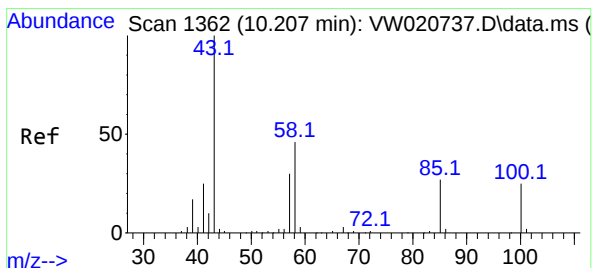
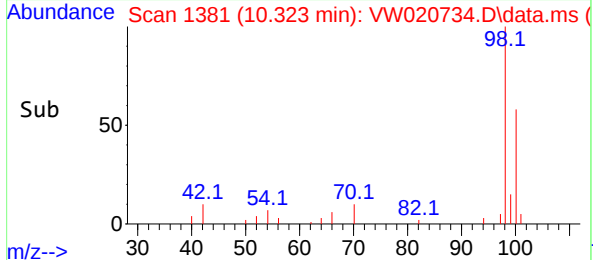
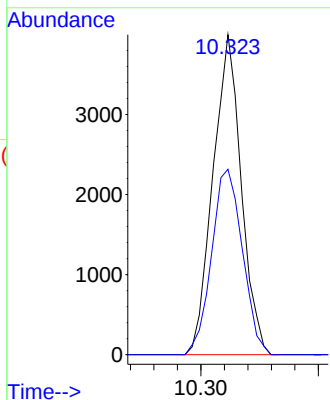
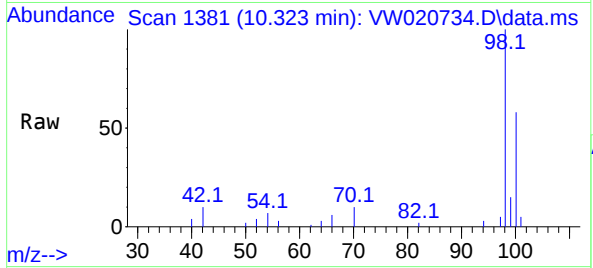
#50
Toluene-d8
Concen: 5.738 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 98 Resp: 666
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.4

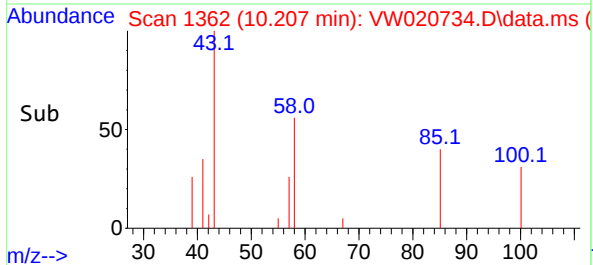
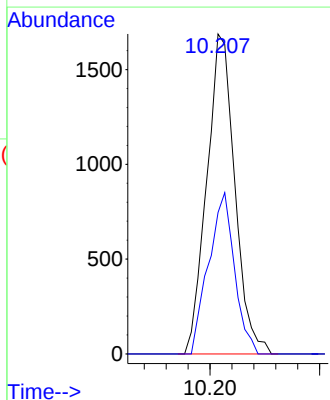
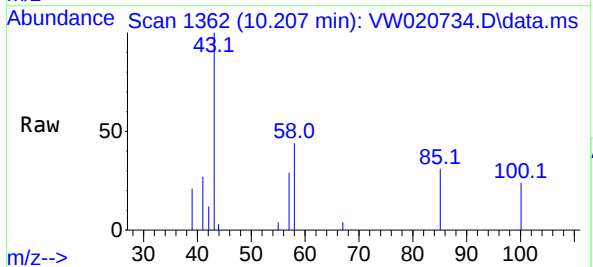
Manual Integrations
APPROVED

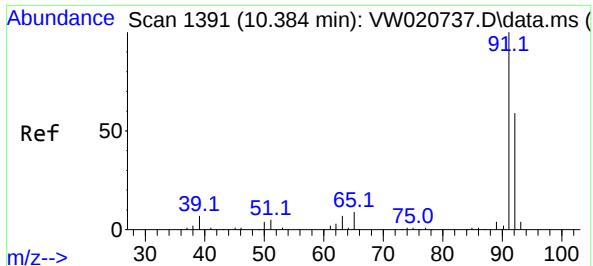
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#51
4-Methyl-2-Pentanone
Concen: 15.344 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 43 Resp: 2992
Ion Ratio Lower Upper
43 100
58 46.7 37.4 56.2





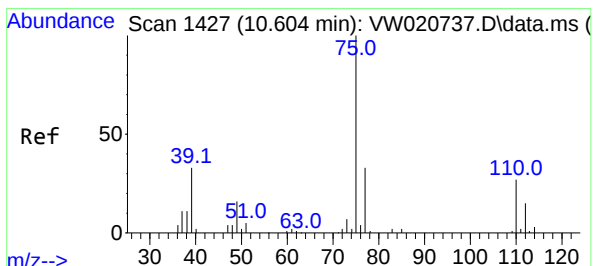
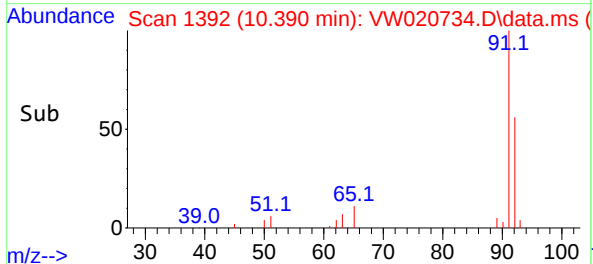
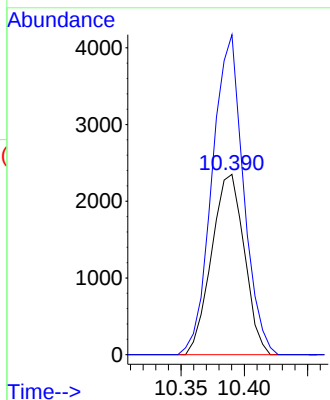
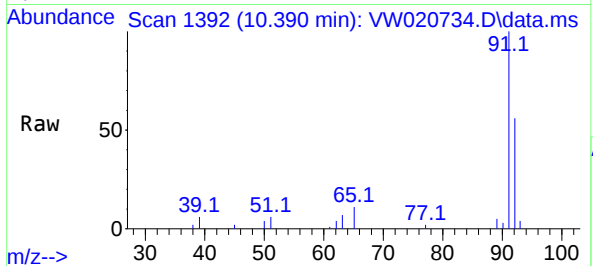
#52
Toluene
Concen: 5.137 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 92 Resp: 423
Ion Ratio Lower Upper
92 100
91 169.4 144.3 216.5

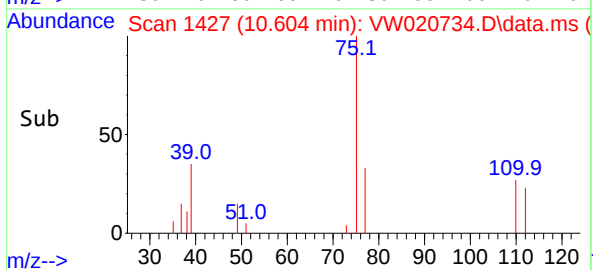
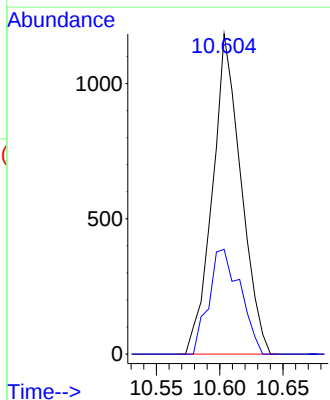
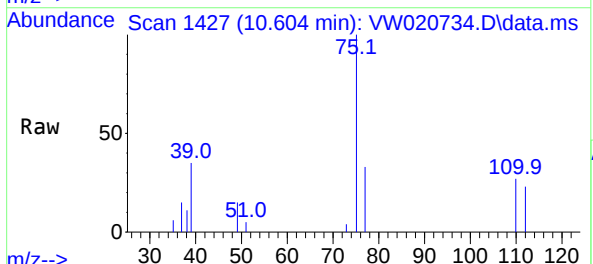
Manual Integrations
APPROVED

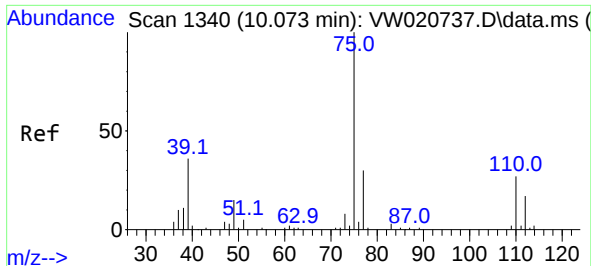
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#53
t-1,3-Dichloropropene
Concen: 4.213 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 75 Resp: 1857
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1





#54
cis-1,3-Dichloropropene
Concen: 4.512 ug/l
RT: 10.073 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

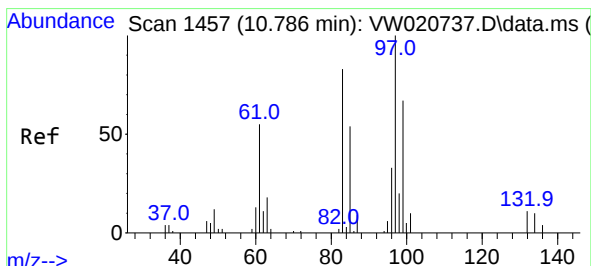
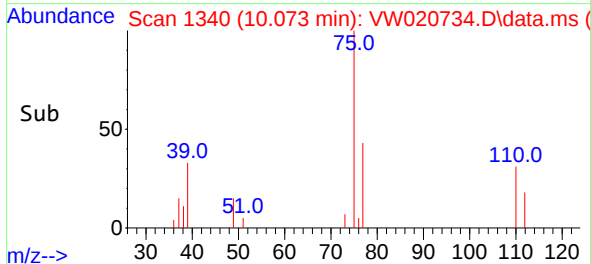
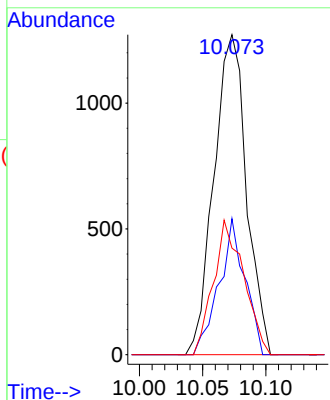
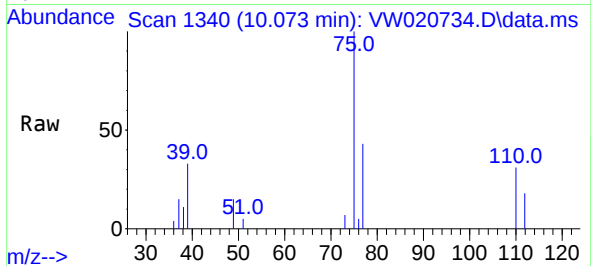
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 227

Ion	Ratio	Lower	Upper
75	100		
77	42.5	24.2	36.4
39	33.3	29.2	43.8

Manual Integrations
APPROVED

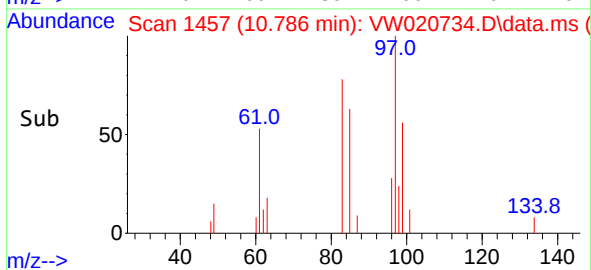
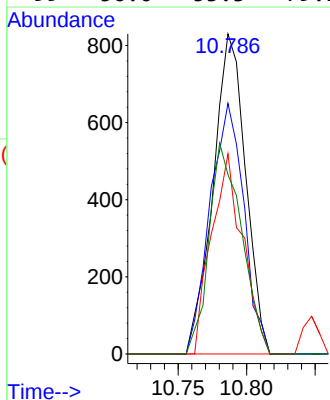
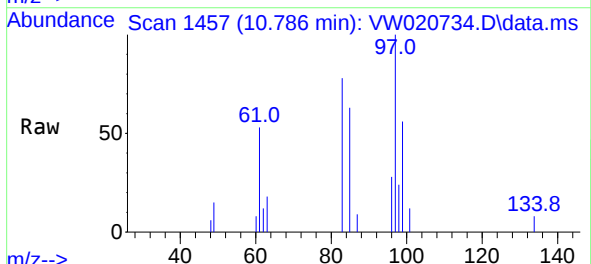
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

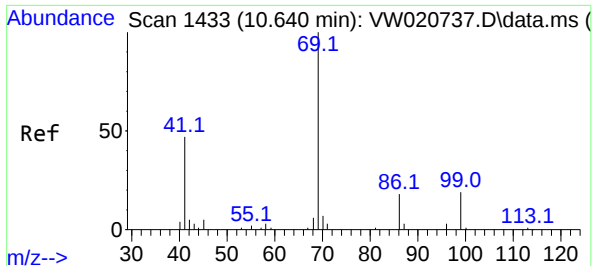


#55
1,1,2-Trichloroethane
Concen: 5.528 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 97 Resp: 1372

Ion	Ratio	Lower	Upper
97	100		
83	78.3	66.5	99.7
85	62.5	43.0	64.6
99	56.0	53.3	79.9





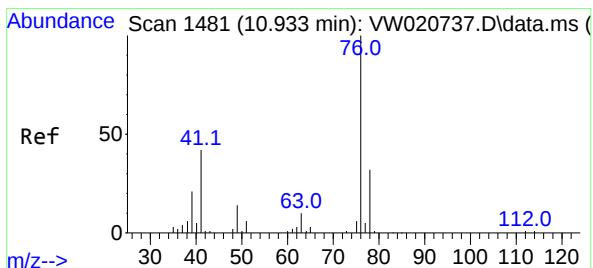
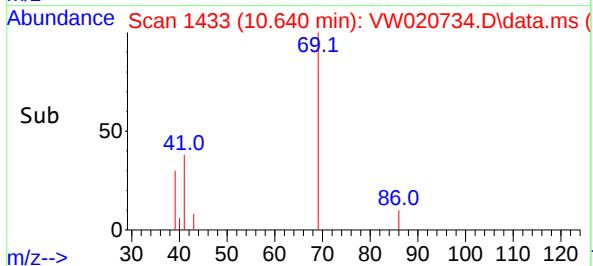
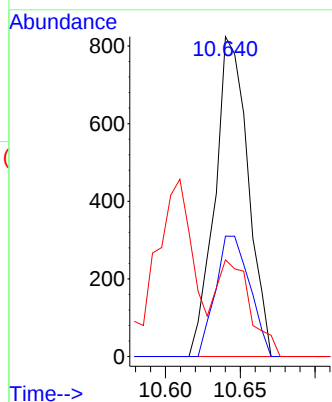
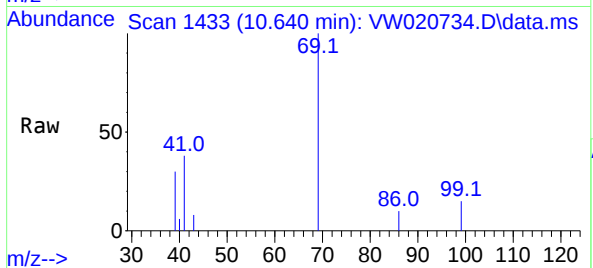
#56
Ethyl methacrylate
Concen: 4.212 ug/l
RT: 10.640 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 1268
Ion Ratio Lower Upper
69 100
41 39.0 39.2 58.8
39 30.9 26.5 39.7

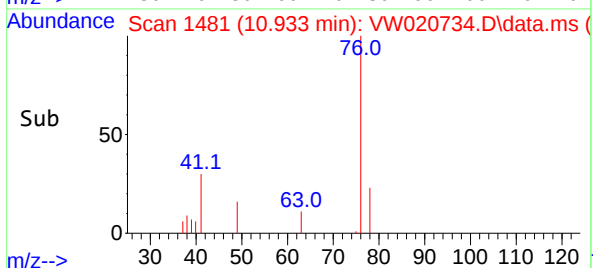
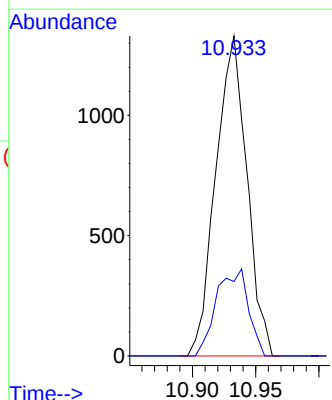
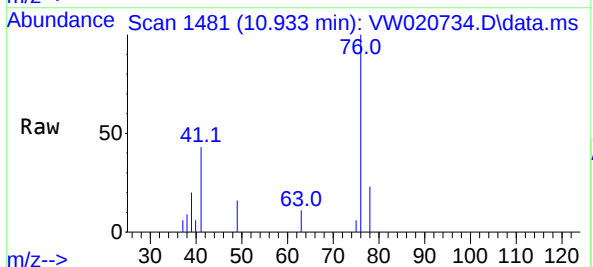
Manual Integrations
APPROVED

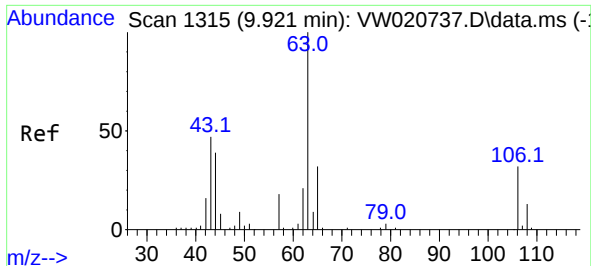
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#57
1,3-Dichloropropane
Concen: 5.376 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 76 Resp: 2274
Ion Ratio Lower Upper
76 100
78 27.7 26.7 40.1





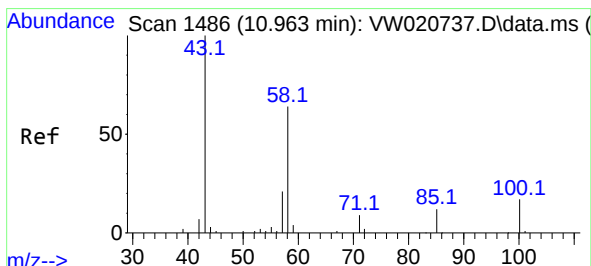
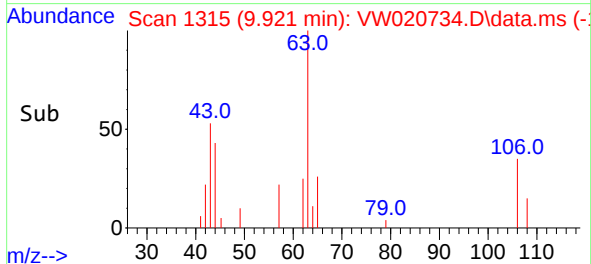
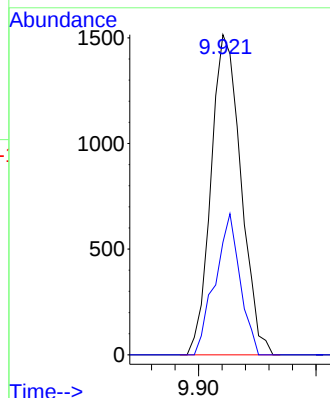
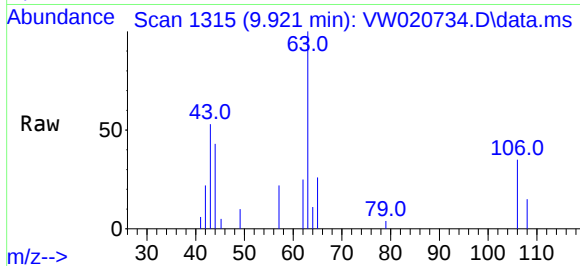
#58
2-Chloroethyl Vinyl ether
Concen: 18.944 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 268
Ion Ratio Lower Upper
63 100
106 36.6 27.4 41.0

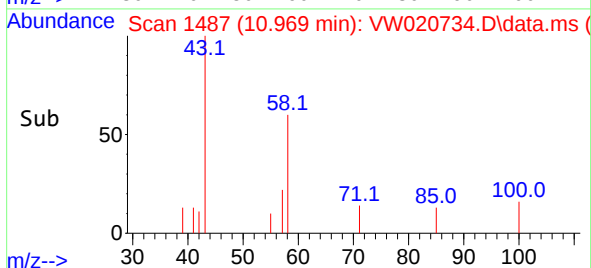
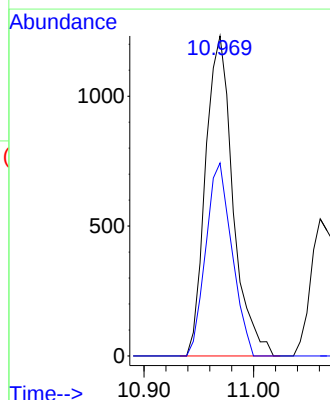
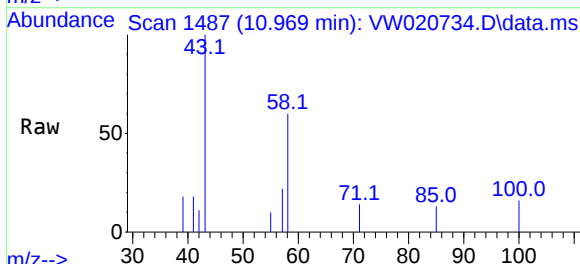
Manual Integrations
APPROVED

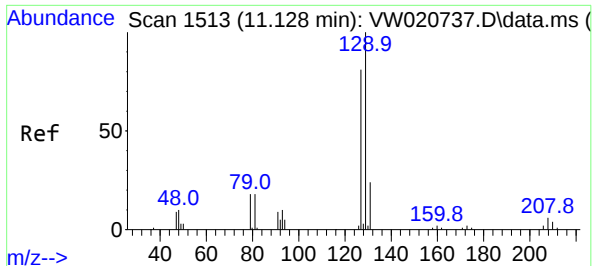
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#59
2-Hexanone
Concen: 15.599 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 43 Resp: 2145
Ion Ratio Lower Upper
43 100
58 57.3 32.5 97.4





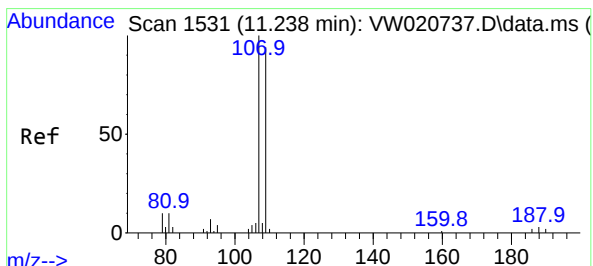
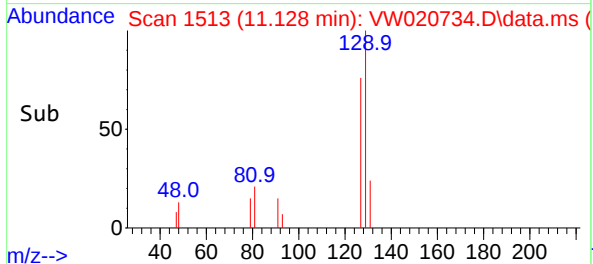
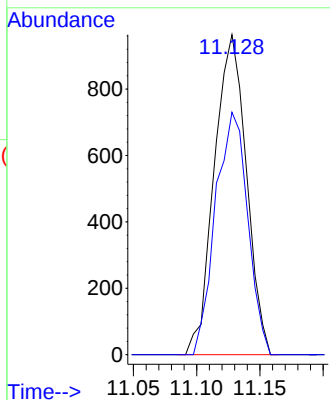
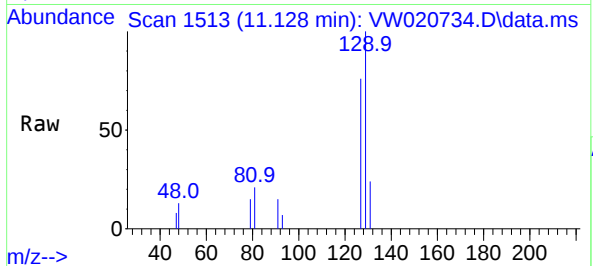
#60
Dibromochloromethane
Concen: 5.703 ug/l
RT: 11.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 1700
Ion Ratio Lower Upper
129 100
127 75.9 39.4 118.1

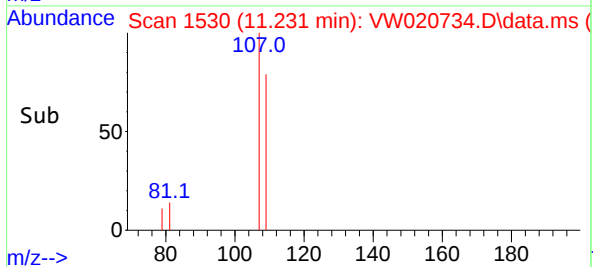
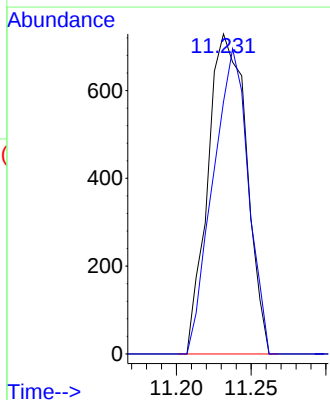
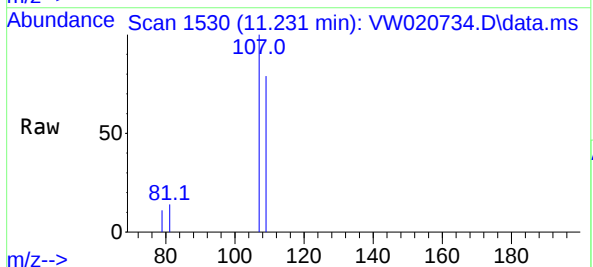
Manual Integrations
APPROVED

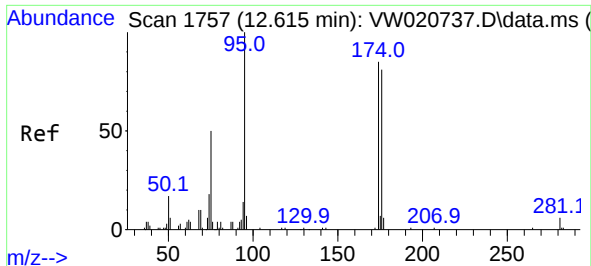
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#61
1,2-Dibromoethane
Concen: 5.439 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

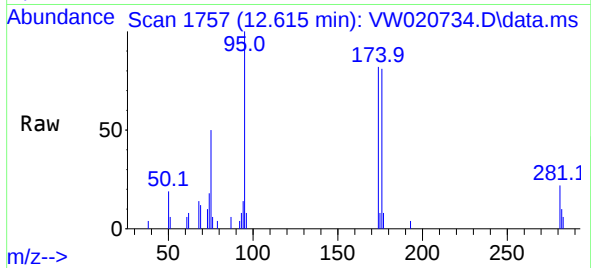
Tgt Ion:107 Resp: 1309
Ion Ratio Lower Upper
107 100
109 87.2 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 5.515 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

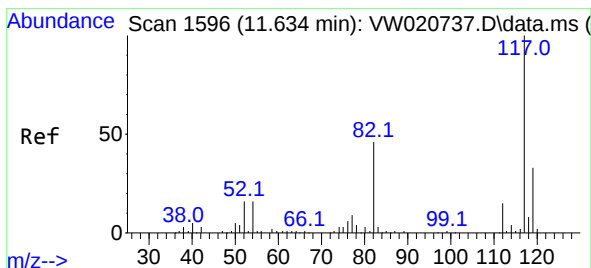
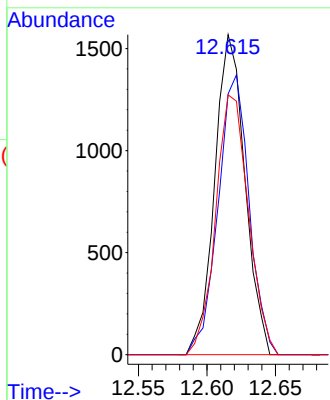
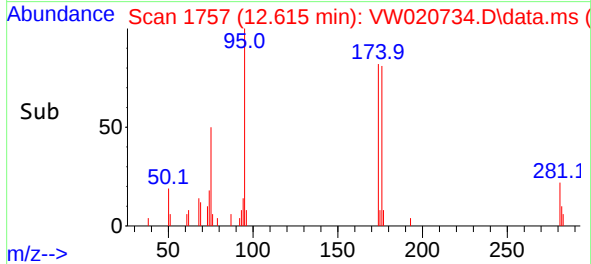
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



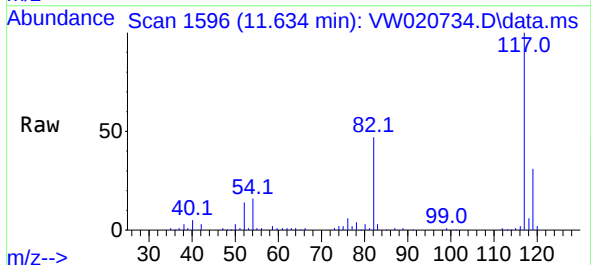
Tgt Ion: 95	Resp: 240
Ion Ratio	Lower Upper
95 100	
174 90.0	0.0 182.8
176 88.1	0.0 170.4

Manual Integrations
APPROVED

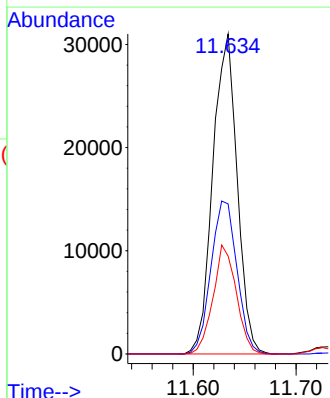
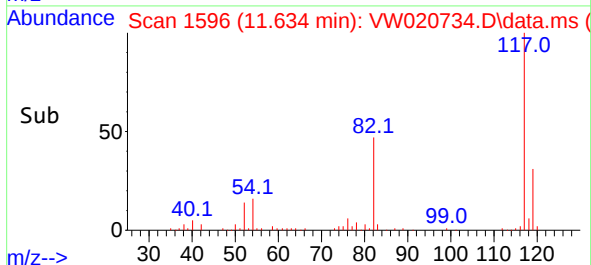
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

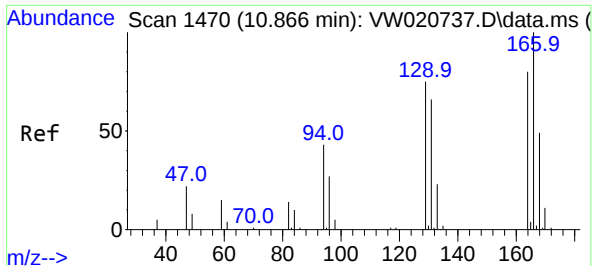


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



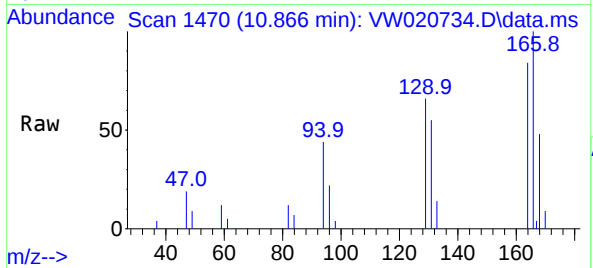
Tgt Ion: 117	Resp: 50878
Ion Ratio	Lower Upper
117 100	
82 46.9	37.0 55.4
119 30.6	26.0 39.0





#64
Tetrachloroethene
Concen: 5.840 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

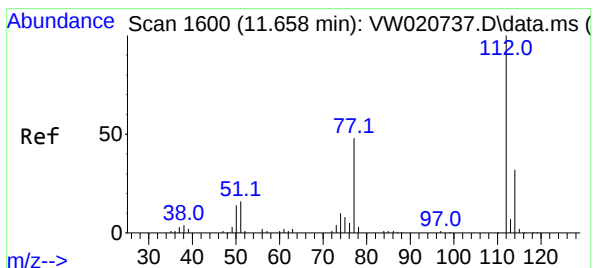
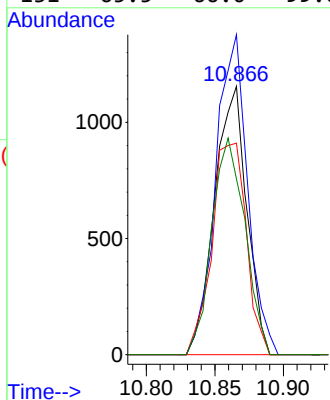
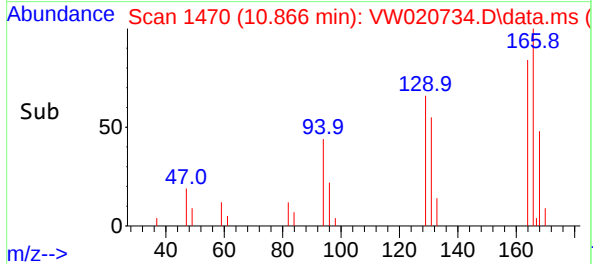
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 189
Ion Ratio Lower Upper
164 100
166 119.2 100.5 150.7
129 78.8 75.5 113.3
131 65.5 66.0 99.0#

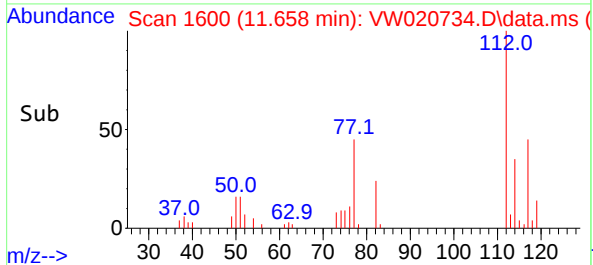
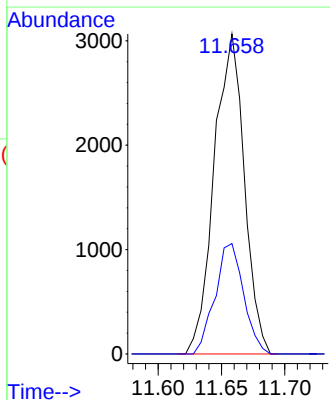
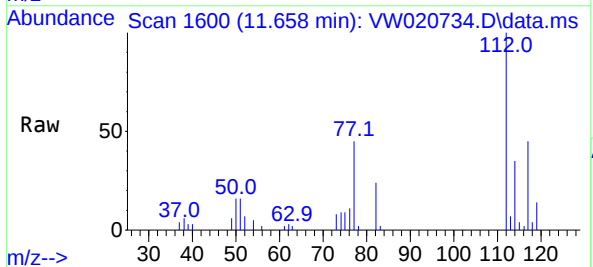
Manual Integrations
APPROVED

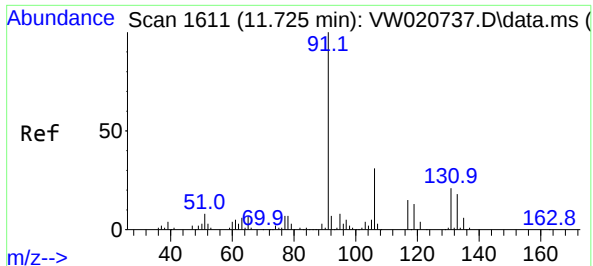
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#65
Chlorobenzene
Concen: 5.462 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion:112 Resp: 5064
Ion Ratio Lower Upper
112 100
114 34.5 25.9 38.9





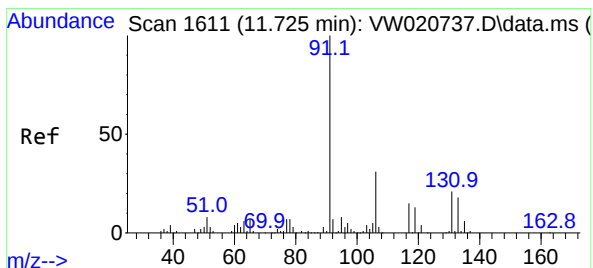
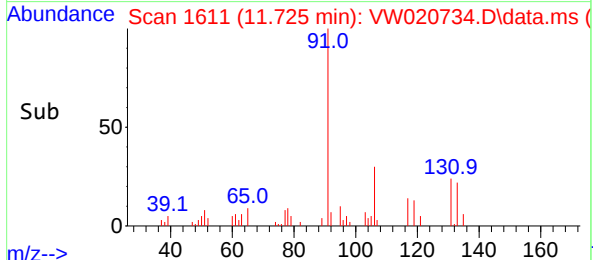
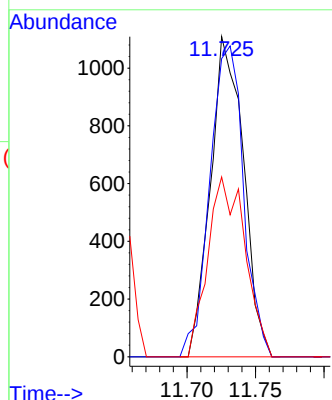
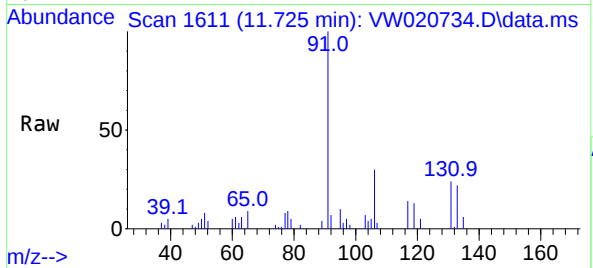
#66
1,1,1,2-Tetrachloroethane
Concen: 5.451 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 1852
Ion Ratio Lower Upper
131 100
133 99.5 45.9 137.6
119 63.6 32.1 96.3

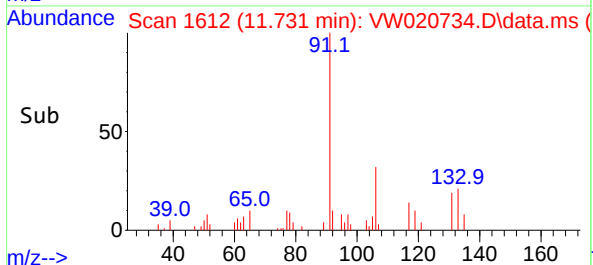
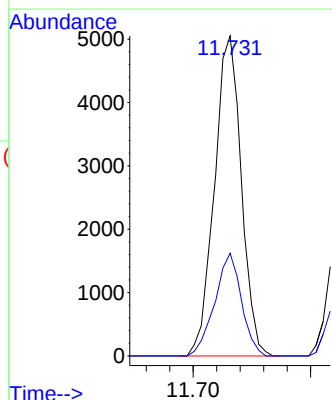
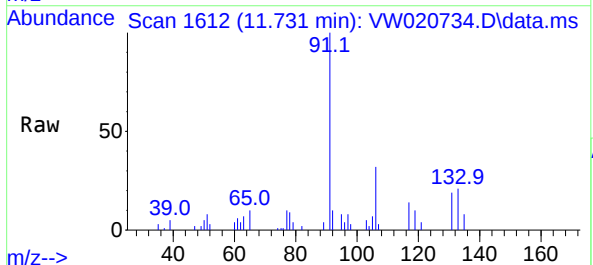
Manual Integrations
APPROVED

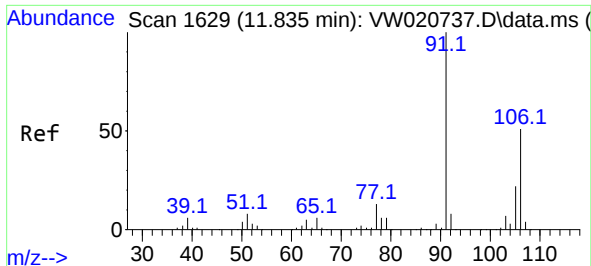
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#67
Ethyl Benzene
Concen: 4.846 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 91 Resp: 8005
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7





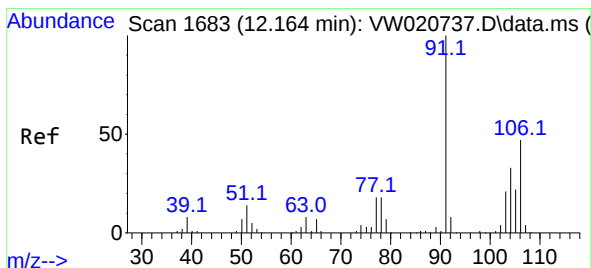
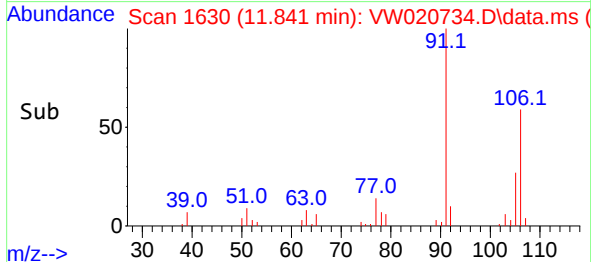
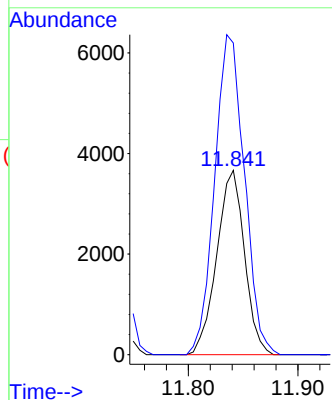
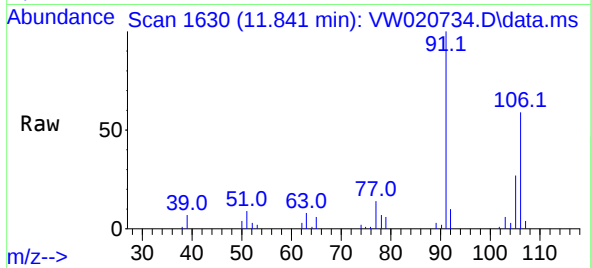
#68
m/p-Xylenes
Concen: 10.030 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 6450
Ion Ratio Lower Upper
106 100
91 186.2 157.8 236.8

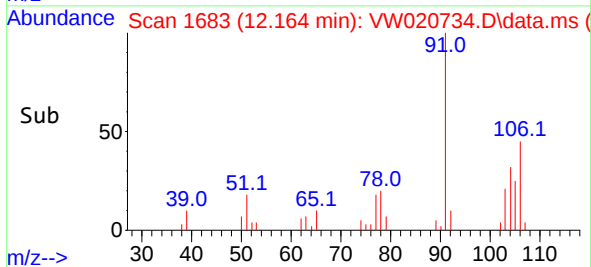
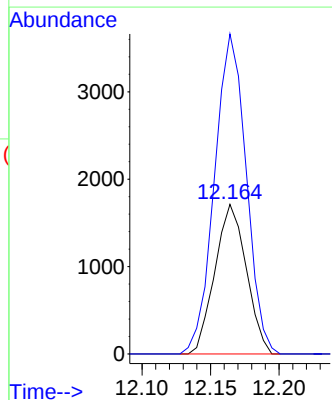
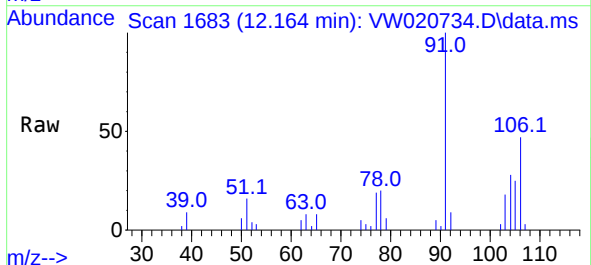
Manual Integrations
APPROVED

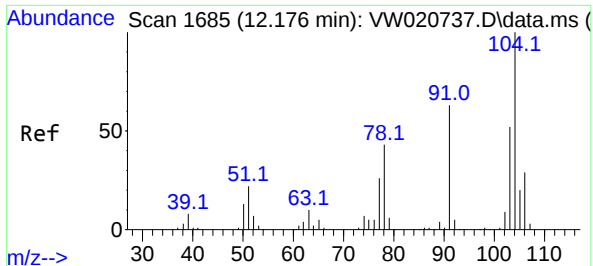
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#69
o-Xylene
Concen: 4.584 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion:106 Resp: 2728
Ion Ratio Lower Upper
106 100
91 216.1 103.6 310.8





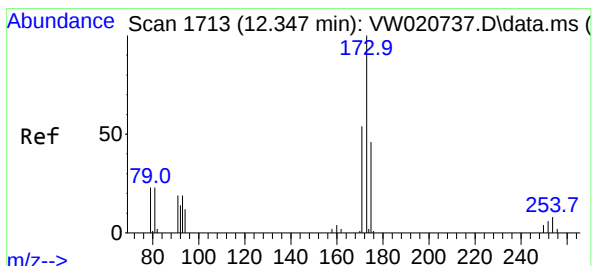
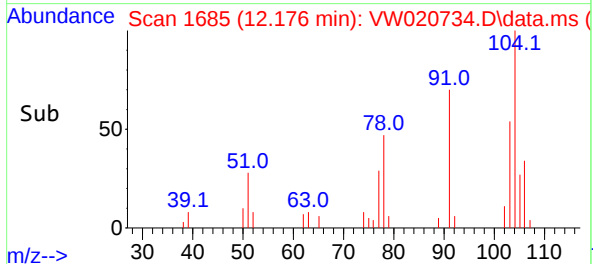
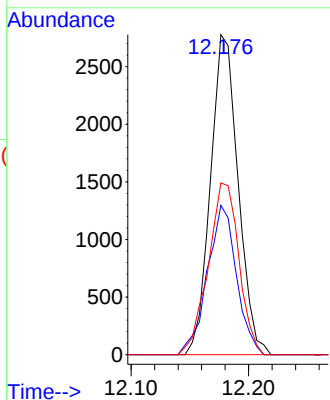
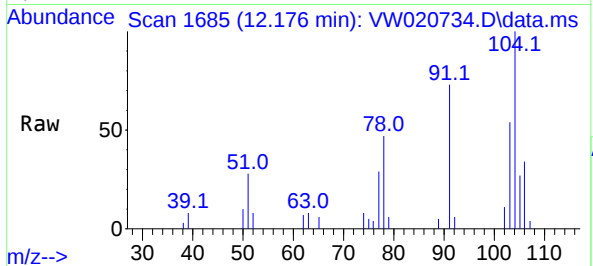
#70
Styrene
Concen: 4.448 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 4540
Ion Ratio Lower Upper
104 100
78 49.1 36.4 54.6
103 59.7 45.0 67.6

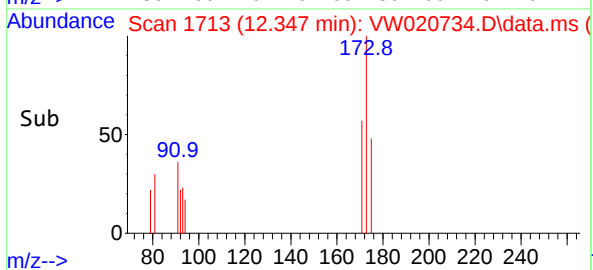
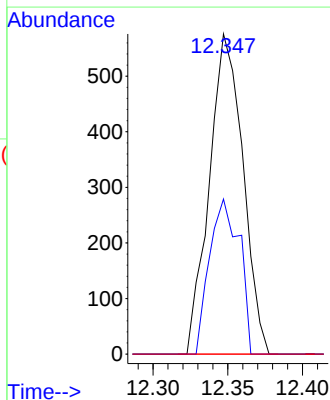
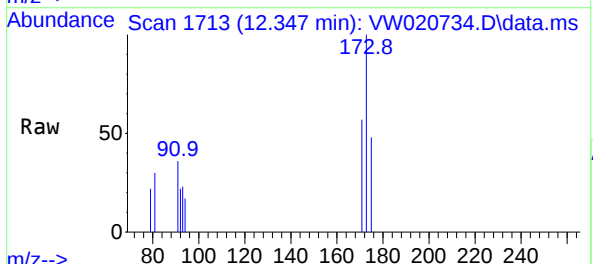
Manual Integrations
APPROVED

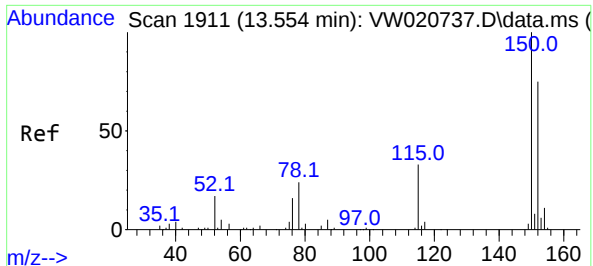
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#71
Bromoform
Concen: 4.784 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

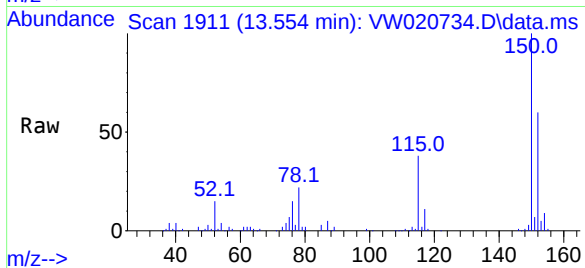
Tgt Ion:173 Resp: 901
Ion Ratio Lower Upper
173 100
175 43.1 24.8 74.4
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

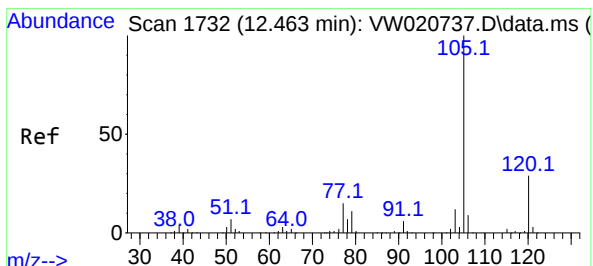
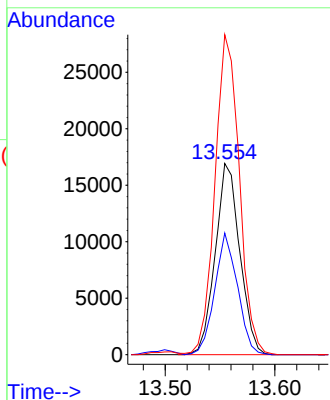
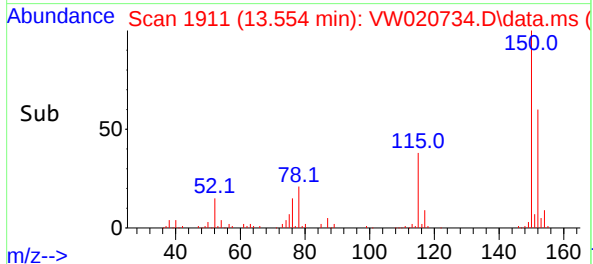
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



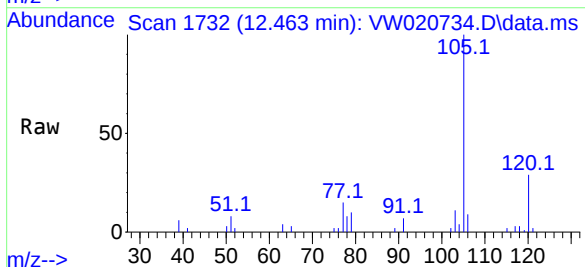
Tgt Ion:152 Resp: 2629
Ion Ratio Lower Upper
152 100
115 59.0 26.6 79.8
150 166.2 0.0 333.0

Manual Integrations
APPROVED

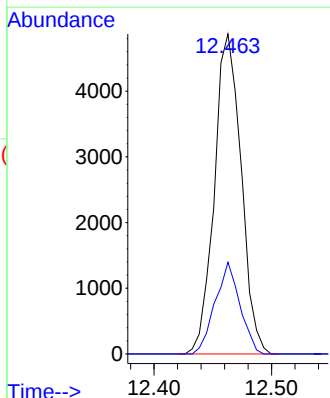
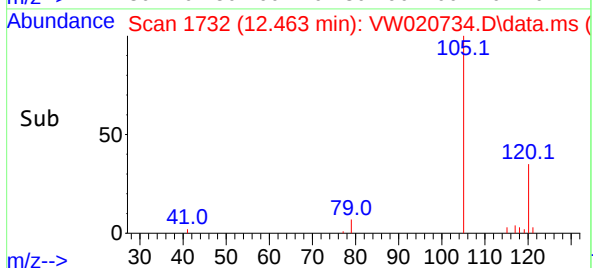
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

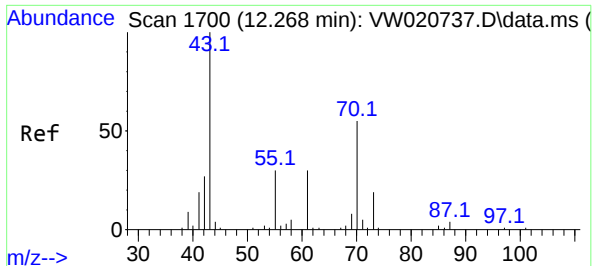


#73
Isopropylbenzene
Concen: 4.896 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion:105 Resp: 7707
Ion Ratio Lower Upper
105 100
120 26.5 13.8 41.4





#74
N-amy1 acetate
Concen: 2.878 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

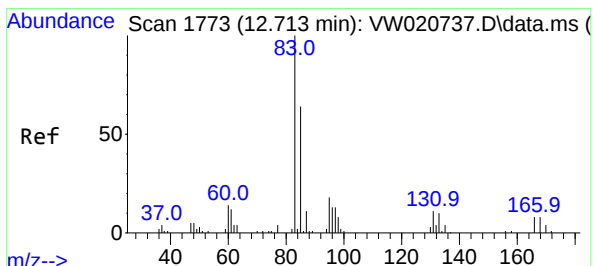
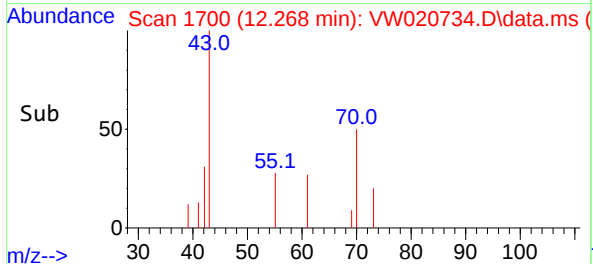
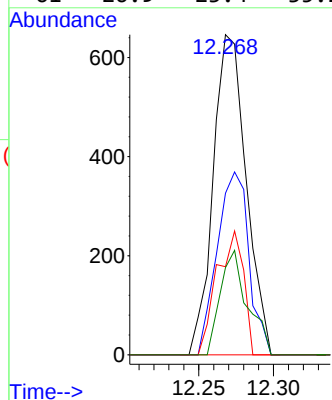
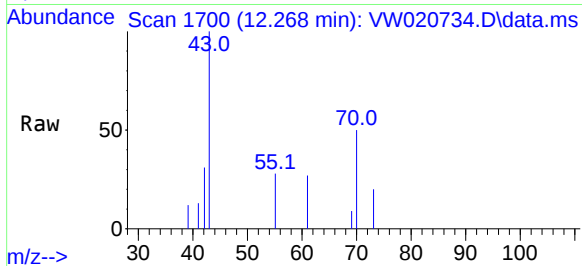
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 992

Ion	Ratio	Lower	Upper
43	100		
70	54.8	44.7	67.1
55	31.0	23.5	35.3
61	26.9	23.4	35.2

Manual Integrations
APPROVED

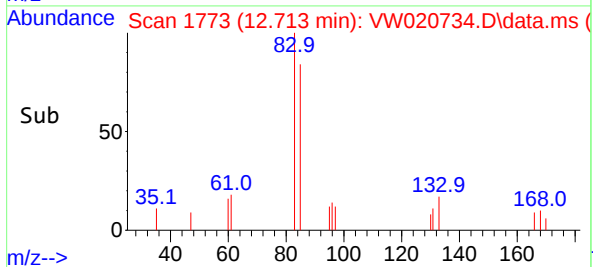
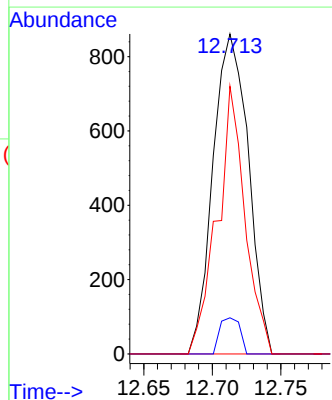
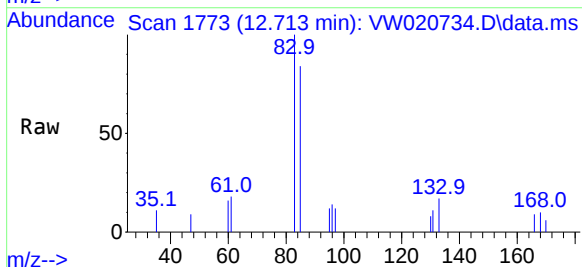
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

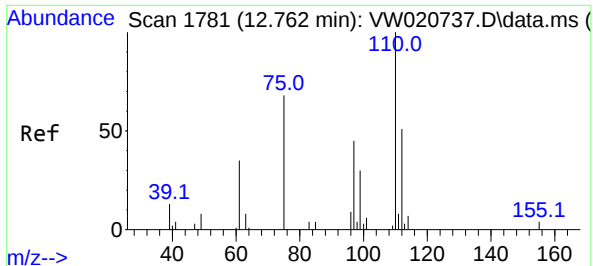


#75
1,1,2,2-Tetrachloroethane
Concen: 5.422 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 83 Resp: 1544

Ion	Ratio	Lower	Upper
83	100		
131	6.4	5.9	17.7
85	66.0	32.3	96.9





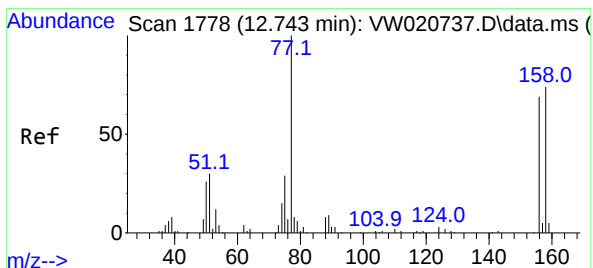
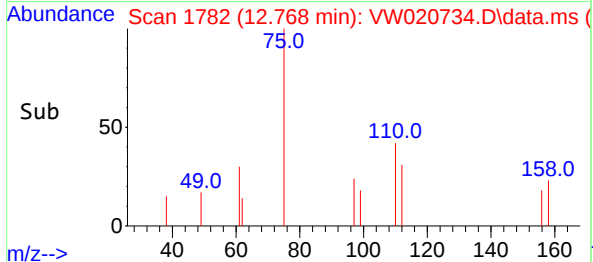
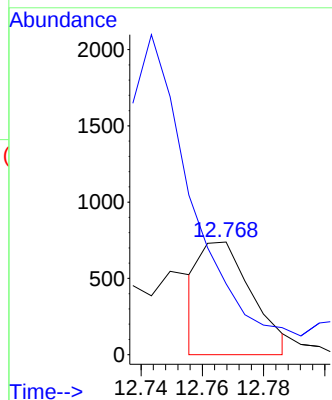
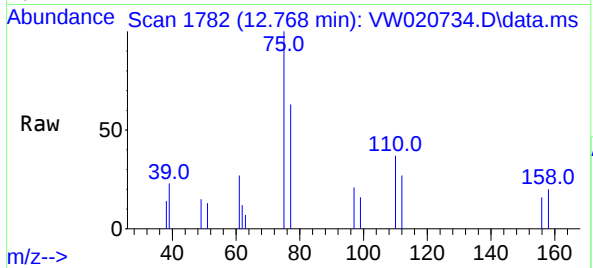
#76
1,2,3-Trichloropropane
Concen: 3.843 ug/l m
RT: 12.768 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 862
Ion Ratio Lower Upper
75 100
77 0.0 143.3 430.0

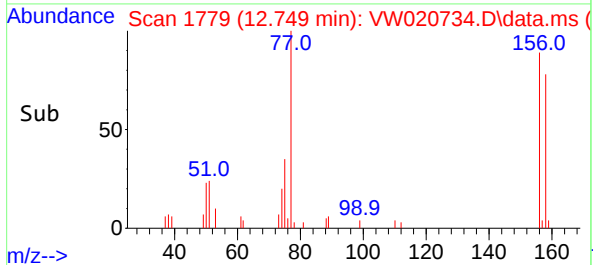
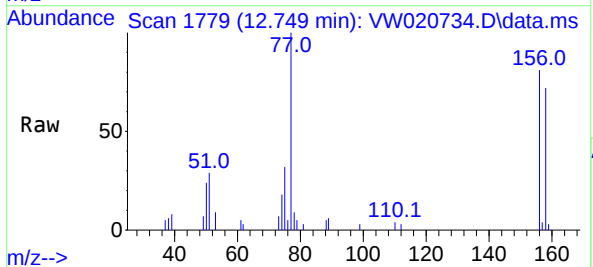
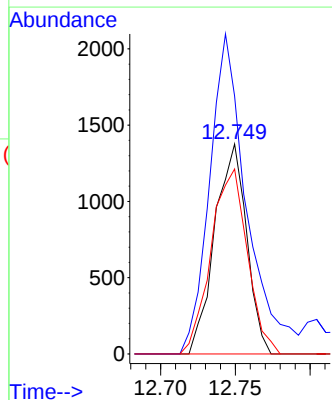
Manual Integrations
APPROVED

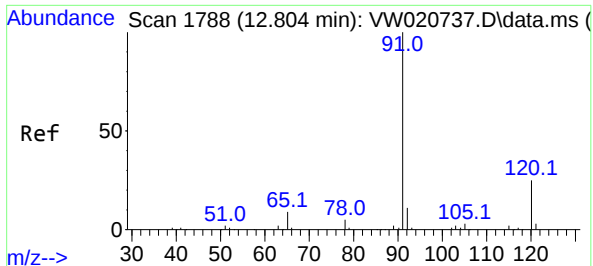
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#77
Bromobenzene
Concen: 5.268 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion:156 Resp: 2036
Ion Ratio Lower Upper
156 100
77 178.0 78.5 235.3
158 100.6 49.4 148.2





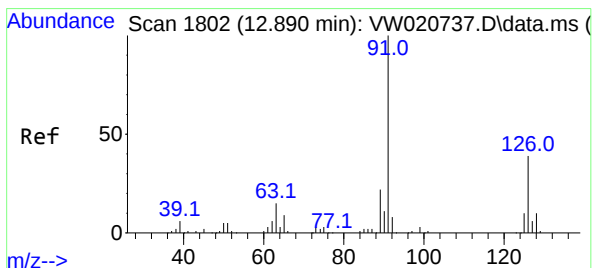
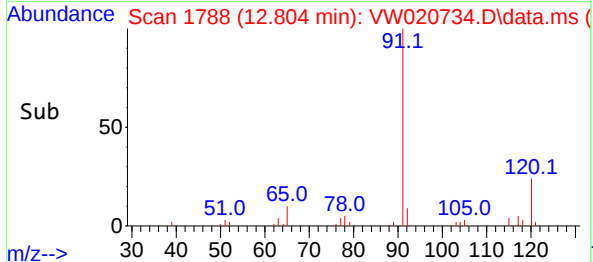
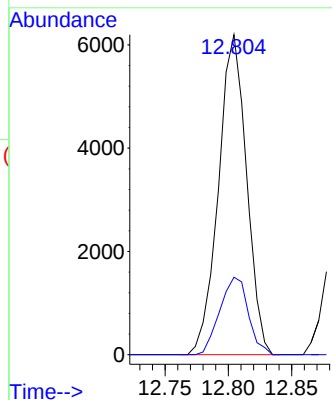
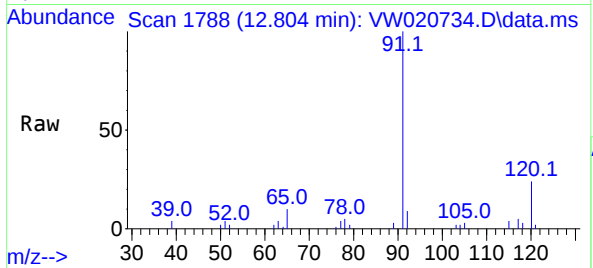
#78
n-propylbenzene
Concen: 4.948 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 956
Ion Ratio Lower Upper
91 100
120 24.5 12.1 36.3

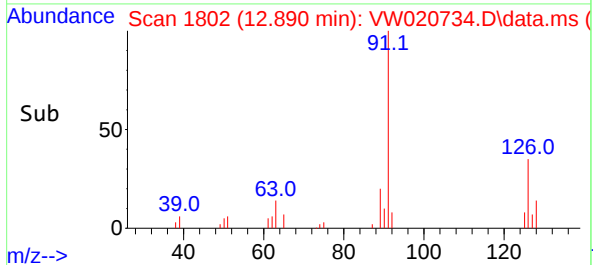
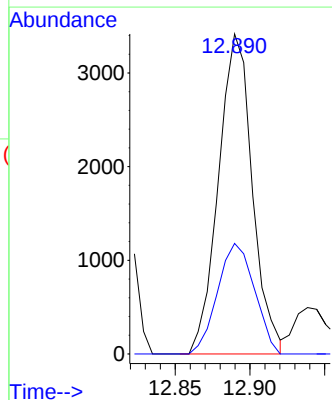
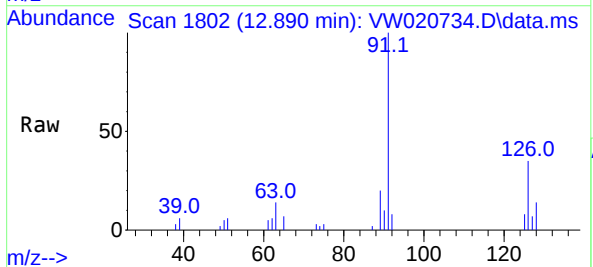
Manual Integrations
APPROVED

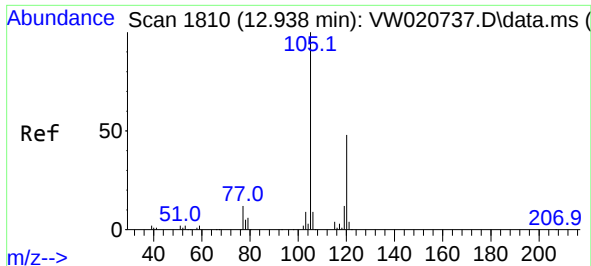
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#79
2-Chlorotoluene
Concen: 4.836 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 91 Resp: 5378
Ion Ratio Lower Upper
91 100
126 37.6 18.6 55.6





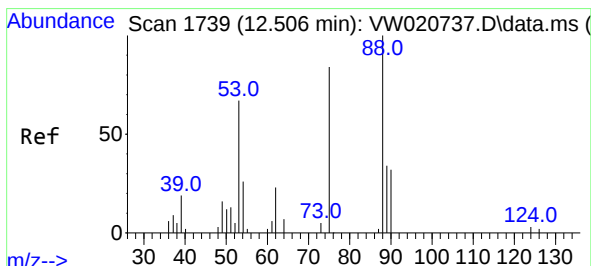
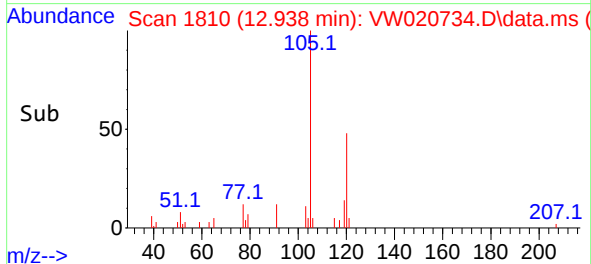
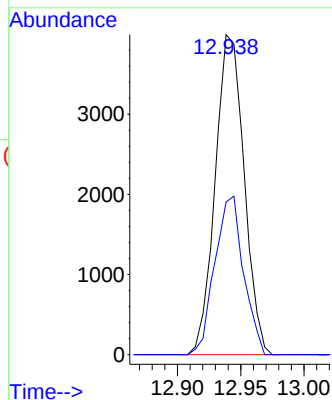
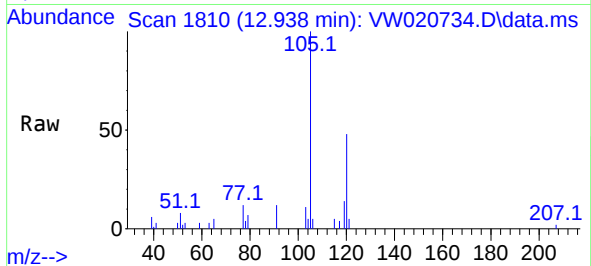
#80
1,3,5-Trimethylbenzene
Concen: 4.641 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 6350
Ion Ratio Lower Upper
105 100
120 49.1 24.6 74.0

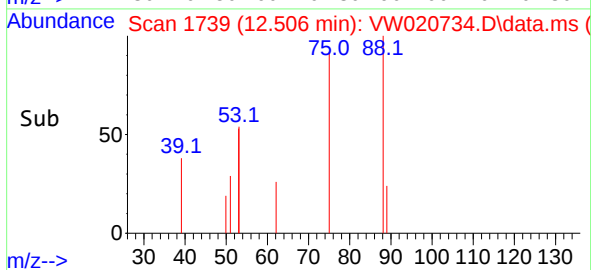
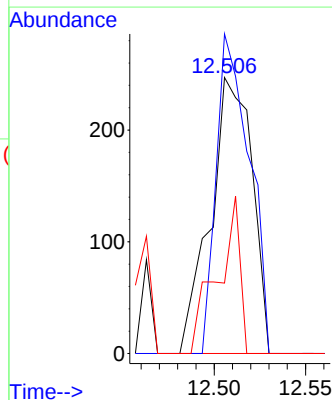
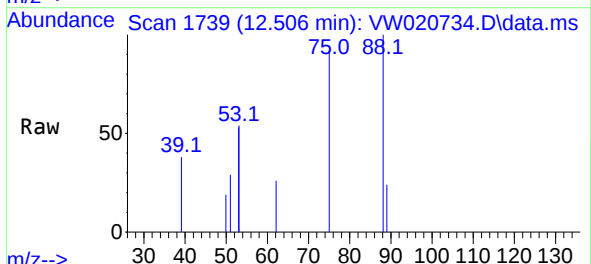
Manual Integrations
APPROVED

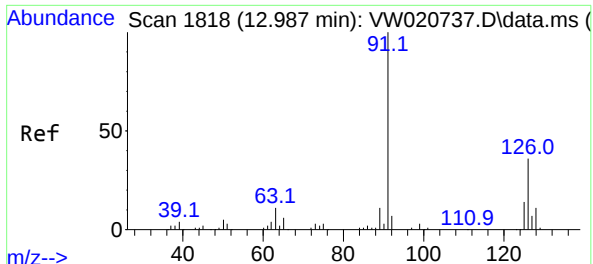
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#81
trans-1,4-Dichloro-2-butene
Concen: 4.376 ug/l
RT: 12.506 min Scan# 1739
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 75 Resp: 393
Ion Ratio Lower Upper
75 100
53 91.9 67.7 101.5
89 30.8 37.5 56.3





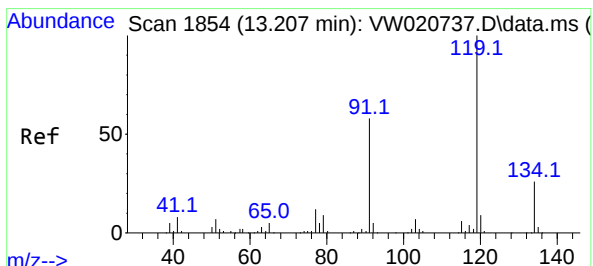
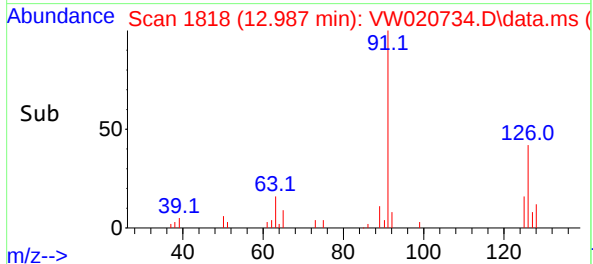
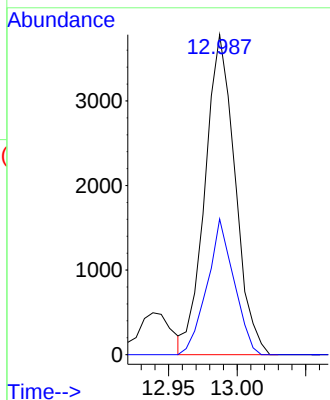
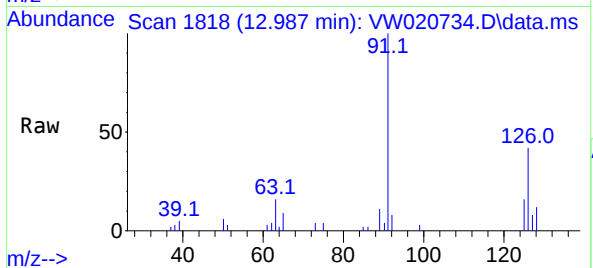
#82
4-Chlorotoluene
Concen: 4.868 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 576
Ion Ratio Lower Upper
91 100
126 38.0 17.6 52.8

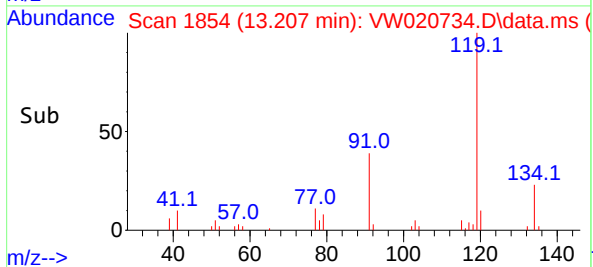
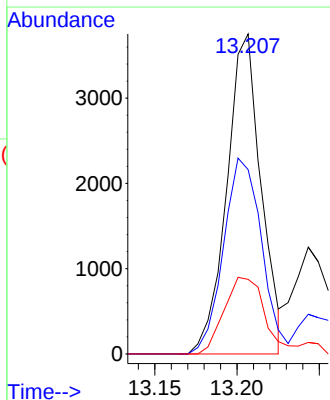
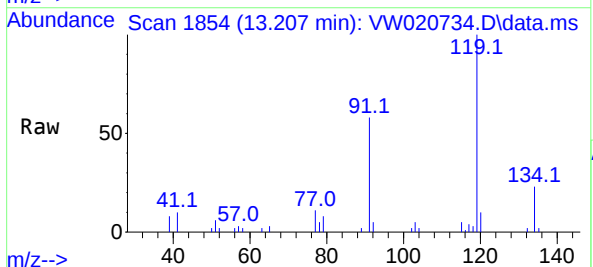
Manual Integrations
APPROVED

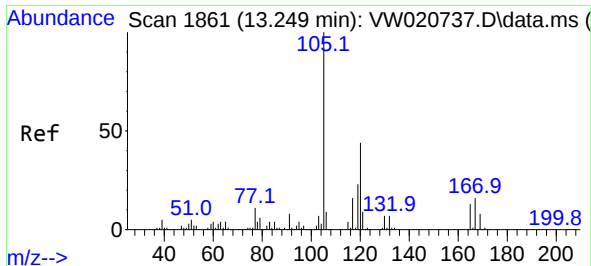
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#83
tert-Butylbenzene
Concen: 4.654 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion:119 Resp: 5450
Ion Ratio Lower Upper
119 100
91 67.9 30.9 92.8
134 28.5 12.5 37.5





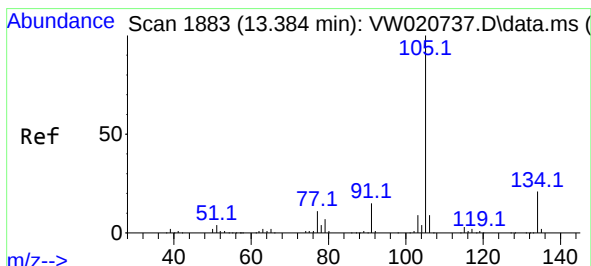
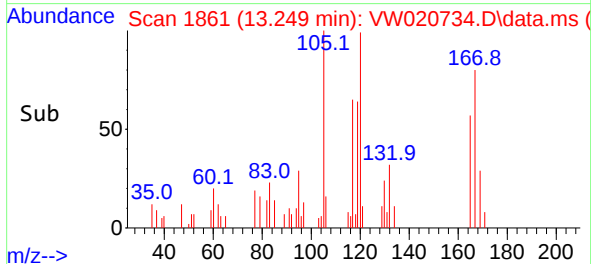
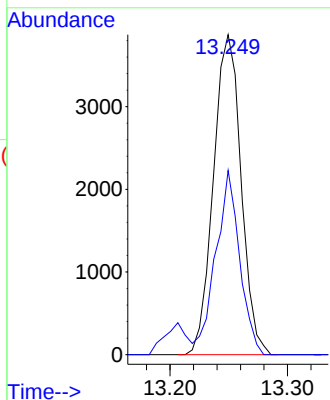
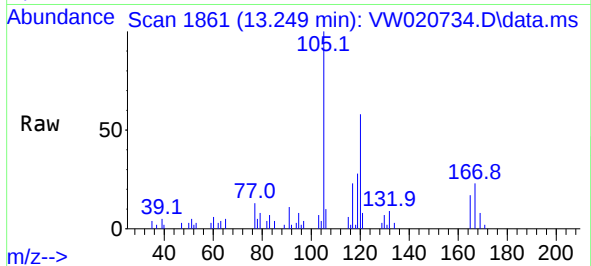
#84
1,2,4-Trimethylbenzene
Concen: 4.645 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 632
Ion Ratio Lower Upper
105 100
120 49.8 22.7 68.1

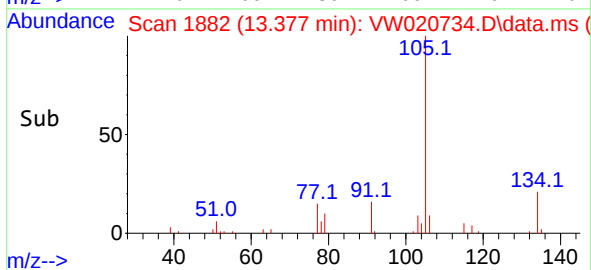
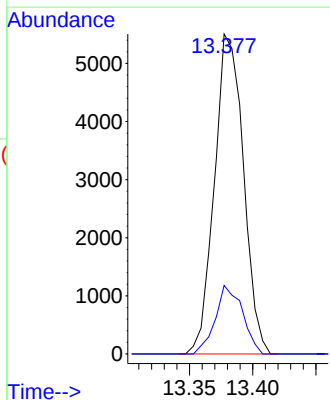
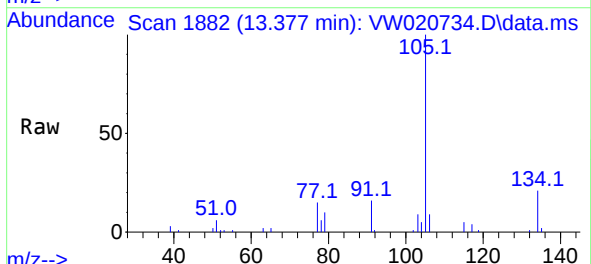
Manual Integrations
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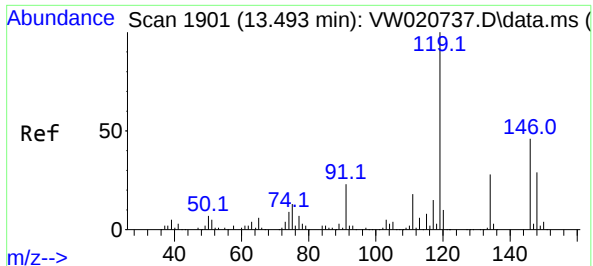
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#85
sec-Butylbenzene
Concen: 4.987 ug/l
RT: 13.377 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion:105 Resp: 8769
Ion Ratio Lower Upper
105 100
134 20.1 10.4 31.2





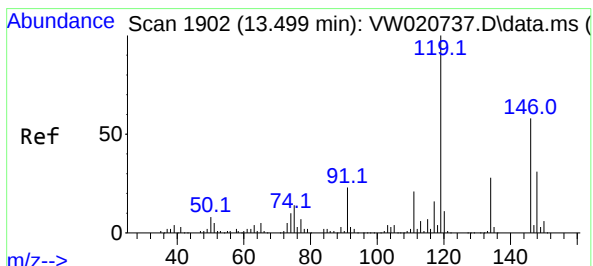
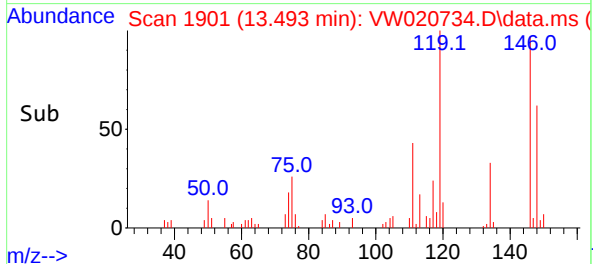
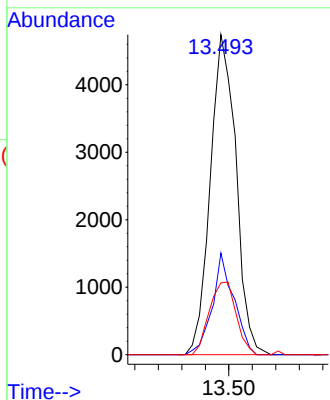
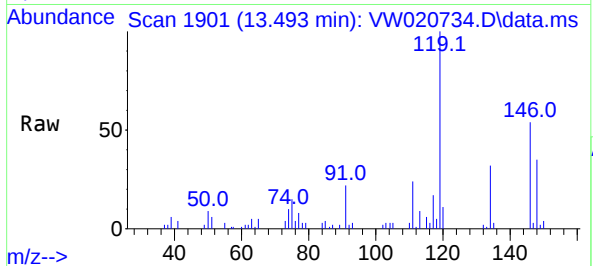
#86
p-Isopropyltoluene
Concen: 4.831 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 7198
Ion Ratio Lower Upper
119 100
134 26.7 13.8 41.3
91 23.7 11.2 33.6

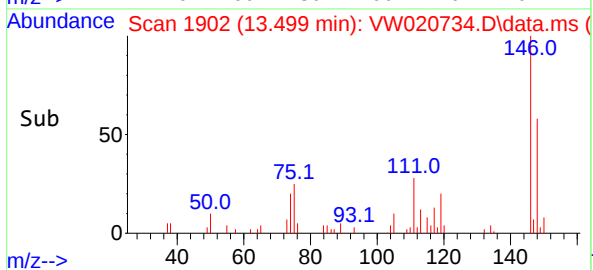
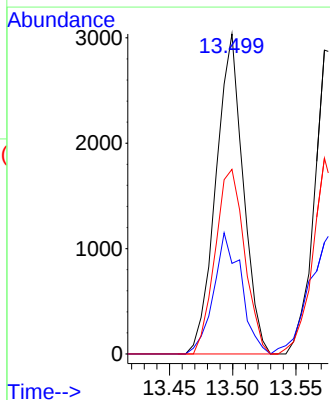
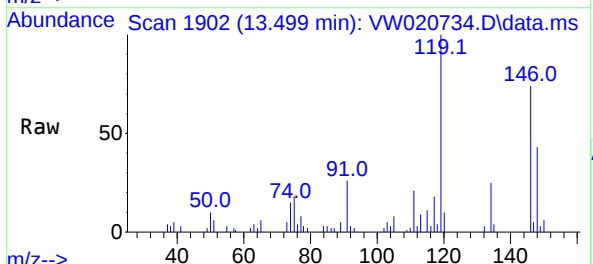
Manual Integrations
APPROVED

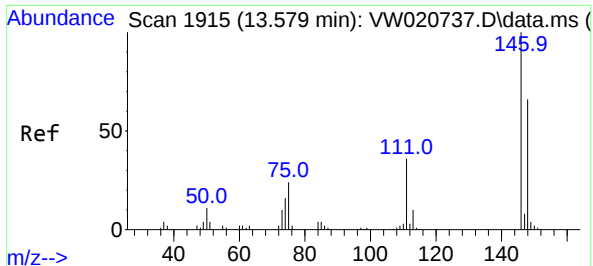
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#87
1,3-Dichlorobenzene
Concen: 5.734 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion:146 Resp: 4538
Ion Ratio Lower Upper
146 100
111 38.3 19.0 57.0
148 62.5 30.1 90.3





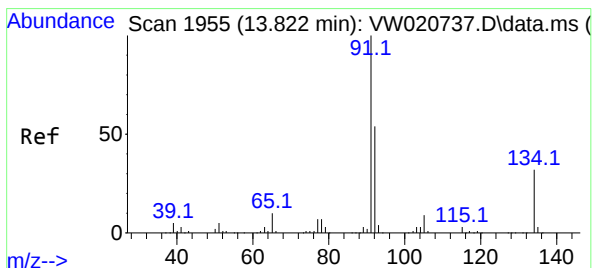
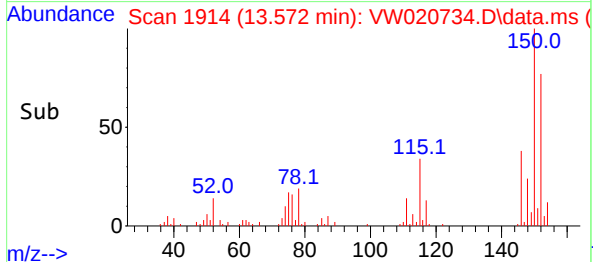
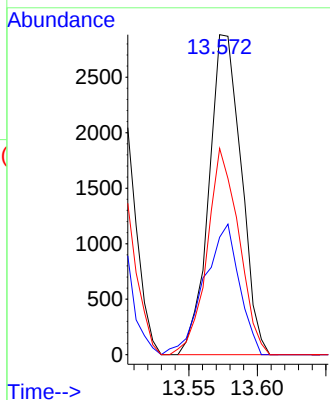
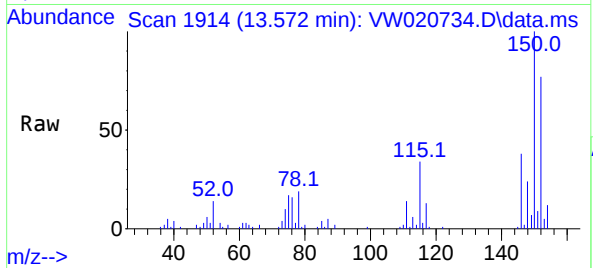
#88
1,4-Dichlorobenzene
Concen: 6.058 ug/l
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 473
Ion Ratio Lower Upper
146 100
111 44.2 20.1 60.3
148 63.2 33.6 100.8

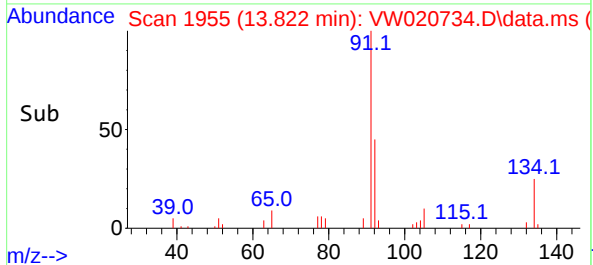
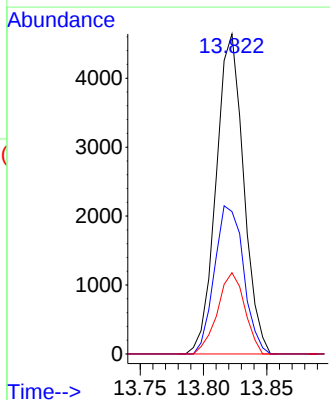
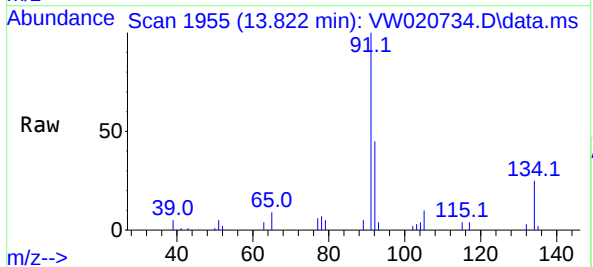
Manual Integrations
APPROVED

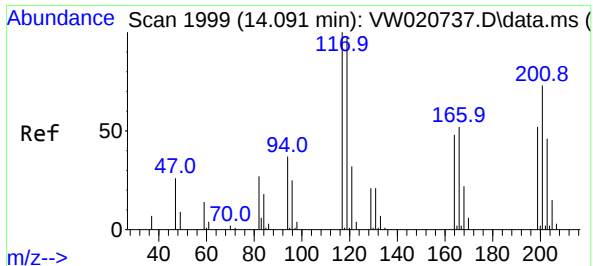
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#89
n-Butylbenzene
Concen: 5.015 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion: 91 Resp: 7008
Ion Ratio Lower Upper
91 100
92 49.0 27.1 81.2
134 25.2 14.4 43.0





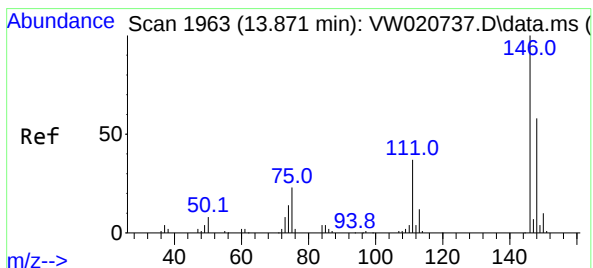
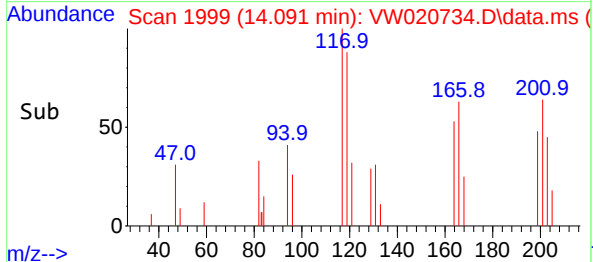
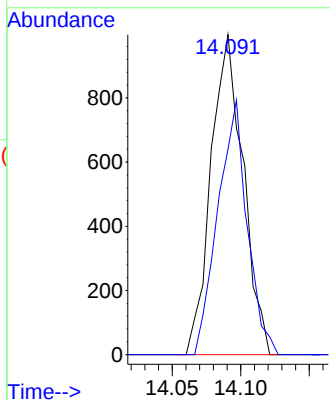
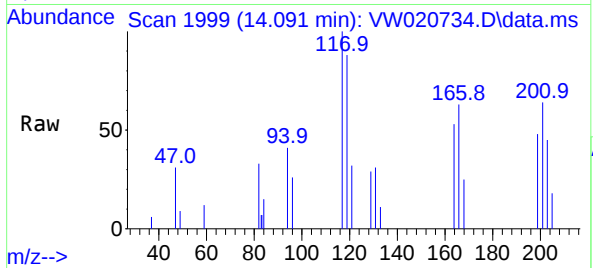
#90
Hexachloroethane
Concen: 5.902 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 1620
Ion Ratio Lower Upper
117 100
201 72.5 36.5 109.5

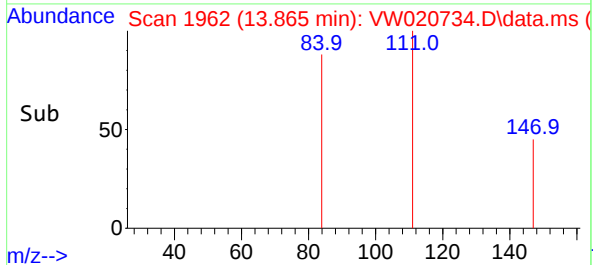
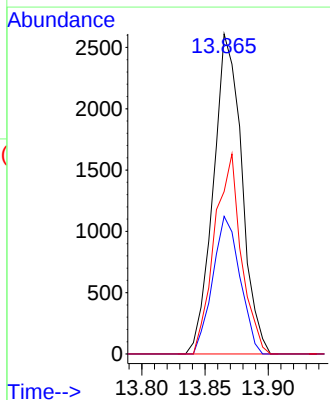
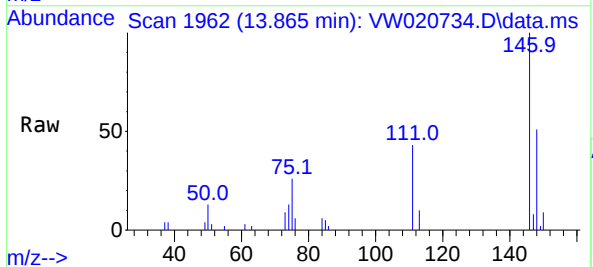
Manual Integrations
APPROVED

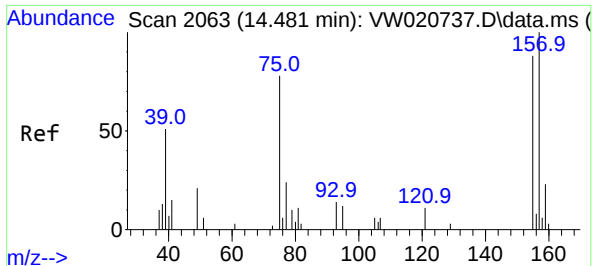
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021



#91
1,2-Dichlorobenzene
Concen: 5.953 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Tgt Ion:146 Resp: 4075
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.3
148 58.9 33.2 99.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.343 ug/l

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020734.D

Acq: 01 Nov 2021 14:13

Instrument :

MSVOA_W

ClientSampleId :

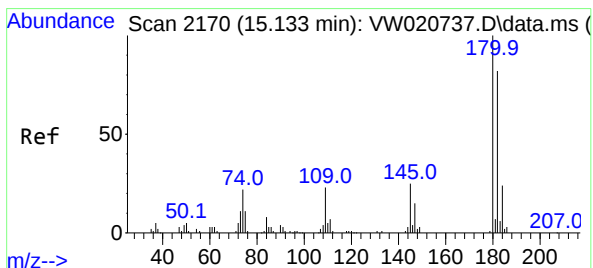
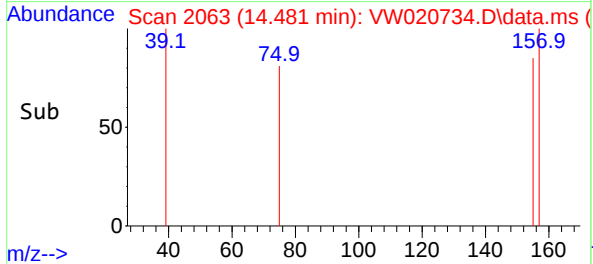
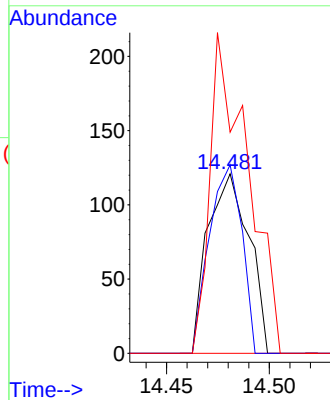
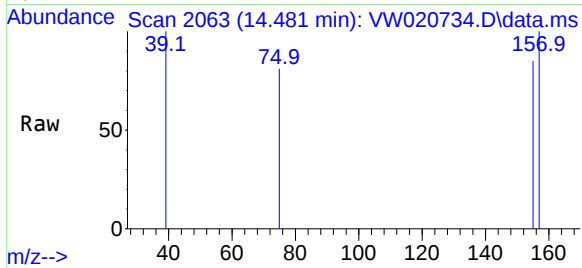
VSTDICC005

Tgt Ion: 75	Resp: 168
Ion Ratio	Lower Upper
75 100	
155 82.7	52.8 158.4
157 163.7	61.5 184.4

Manual Integrations

APPROVED

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



#93

1,2,4-Trichlorobenzene

Concen: 4.943 ug/l

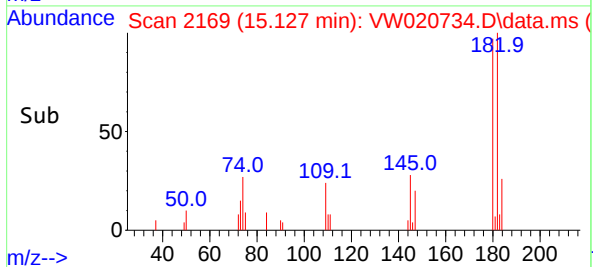
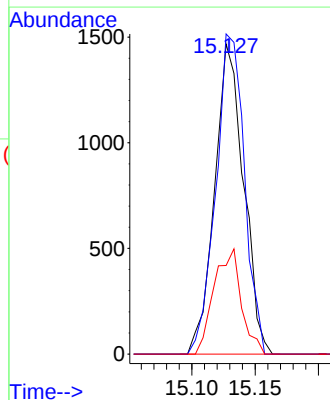
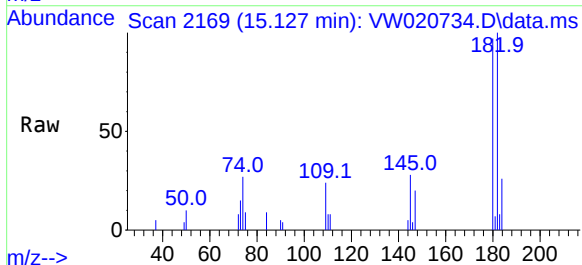
RT: 15.127 min Scan# 2169

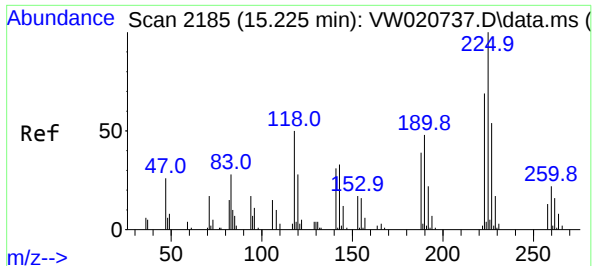
Delta R.T. -0.006 min

Lab File: VW020734.D

Acq: 01 Nov 2021 14:13

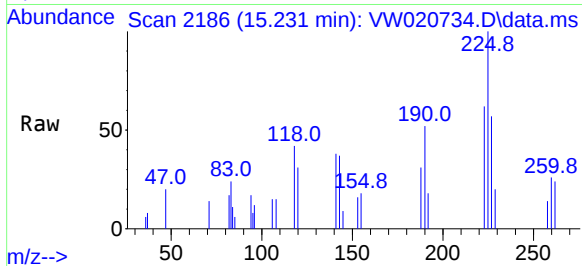
Tgt Ion:180	Resp: 2338		
Ion Ratio	Lower	Upper	
180 100			
182 102.0	47.1	141.3	
145 32.0	14.7	44.1	





#94
Hexachlorobutadiene
Concen: 4.532 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

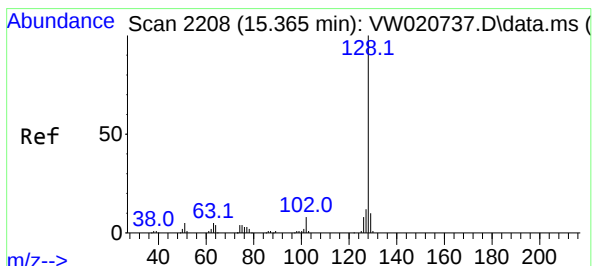
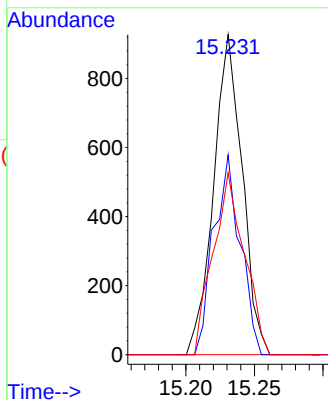
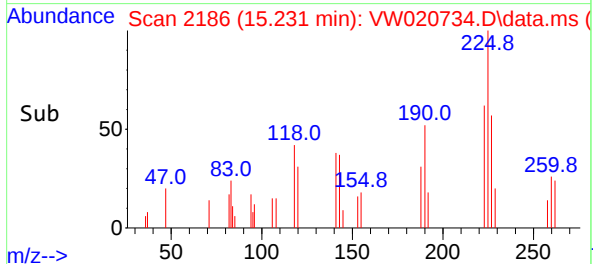
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



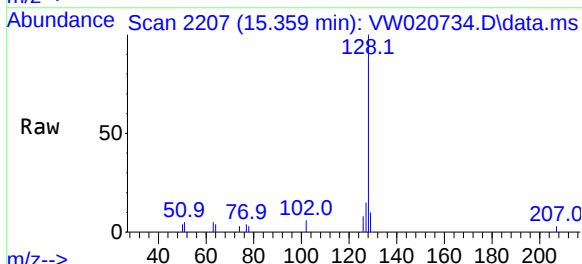
Tgt Ion:225 Resp: 1348
Ion Ratio Lower Upper
225 100
223 57.9 34.6 103.9
227 61.9 30.6 92.0

Manual Integrations
APPROVED

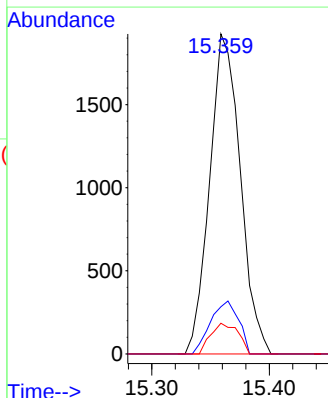
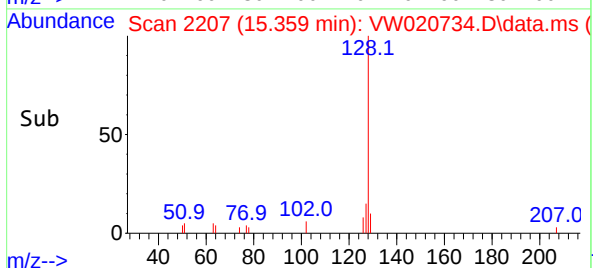
Reviewed By :Vimala Arumugam 11/02/2021
Supervised By :Mahesh Dadoda 11/03/2021

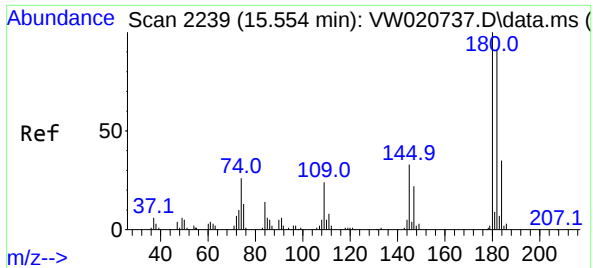


#95
Naphthalene
Concen: 4.341 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13



Tgt Ion:128 Resp: 3492
Ion Ratio Lower Upper
128 100
127 15.1 10.6 15.8
129 8.6 8.5 12.7





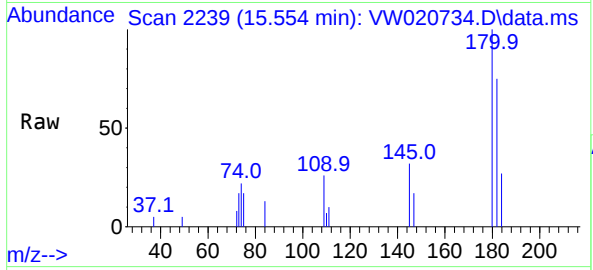
#96
1,2,3-Trichlorobenzene
Concen: 4.839 ug/l
RT: 15.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW020734.D
Acq: 01 Nov 2021 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005



Tgt Ion:	180	Resp:	2049
Ion Ratio	Lower	Upper	
180	100		
182	90.7	47.3	141.8
145	36.1	16.3	48.8

Manual Integrations

APPROVED

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

