

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071023.D
 Acq On : 15 Nov 2021 12:29
 Operator : VA/SY
 Sample : VD1115SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 14:36:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	249898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	429008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	390014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	178774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131198	49.310	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.620%		
35) Dibromofluoromethane	7.914	113	120761	49.885	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.760%		
50) Toluene-d8	10.338	98	457293	48.235	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.480%		
62) 4-Bromofluorobenzene	12.626	95	159755	46.800	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	43081	20.178	ug/l	97
3) Chloromethane	2.209	50	54500	21.452	ug/l	100
4) Vinyl Chloride	2.350	62	58455	23.924	ug/l	100
5) Bromomethane	2.762	94	39851	23.929	ug/l	97
6) Chloroethane	2.920	64	38070	24.260	ug/l	95
7) Trichlorofluoromethane	3.273	101	75366	19.166	ug/l	95
8) Diethyl Ether	3.709	74	20450	15.714	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.103	101	44782	18.475	ug/l	95
10) Methyl Iodide	4.309	142	40192	18.219	ug/l	97
11) Tert butyl alcohol	5.191	59	32217	165.682	ug/l #	71
12) 1,1-Dichloroethene	4.067	96	40540	17.084	ug/l	89
13) Acrolein	3.932	56	4988	80.290	ug/l	90
14) Allyl chloride	4.714	41	74695	15.112	ug/l #	78
15) Acrylonitrile	5.426	53	49607	79.660	ug/l	97
16) Acetone	4.156	43	49140	82.770	ug/l	91
17) Carbon Disulfide	4.409	76	127640	16.658	ug/l	95
18) Methyl Acetate	4.720	43	37971	16.635	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	99463	16.236	ug/l	99
20) Methylene Chloride	4.973	84	53465	17.397	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	45815	16.844	ug/l	91
22) Diisopropyl ether	6.361	45	155819	15.857	ug/l	92
23) Vinyl Acetate	6.308	43	365074	84.747	ug/l	95
24) 1,1-Dichloroethane	6.267	63	89962	17.141	ug/l	98
25) 2-Butanone	7.208	43	65720	85.378	ug/l	95
26) 2,2-Dichloropropane	7.208	77	78890	17.810	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	51189	16.464	ug/l	91
28) Bromochloromethane	7.544	49	44879	20.161	ug/l	91
29) Tetrahydrofuran	7.567	42	42769	79.113	ug/l	90
30) Chloroform	7.708	83	87883	17.612	ug/l	88
31) Cyclohexane	7.985	56	90160	16.478	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	77879	18.172	ug/l	95
36) 1,1-Dichloropropene	8.108	75	66869	17.458	ug/l	99
37) Ethyl Acetate	7.291	43	30152	17.254	ug/l #	76
38) Carbon Tetrachloride	8.097	117	66316	18.800	ug/l	99
39) Methylcyclohexane	9.355	83	84892	17.160	ug/l	93
40) Benzene	8.350	78	188984	17.519	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	18270	16.789	ug/l #	74
42) 1,2-Dichloroethane	8.420	62	56910	18.626	ug/l	96
43) Isopropyl Acetate	8.450	43	61773	16.702	ug/l #	89
44) Trichloroethene	9.108	130	49542	17.818	ug/l	96
45) 1,2-Dichloropropane	9.385	63	48417	16.597	ug/l	99
46) Dibromomethane	9.473	93	24749	17.823	ug/l	96
47) Bromodichloromethane	9.655	83	65959	17.959	ug/l	94
48) Methyl methacrylate	9.449	41	30502	16.812	ug/l	85
49) 1,4-Dioxane	9.455	88	5521	343.161	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	145544	81.171	ug/l	90
52) Toluene	10.402	92	117992	17.352	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	61961	16.729	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	73121	16.742	ug/l #	80
55) 1,1,2-Trichloroethane	10.796	97	32288	16.918	ug/l	91
56) Ethyl methacrylate	10.655	69	41827	15.490	ug/l #	73
57) 1,3-Dichloropropane	10.943	76	59451	17.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	137549	97.983	ug/l	99
59) 2-Hexanone	10.979	43	102110	84.117	ug/l	88
60) Dibromochloromethane	11.132	129	39932	17.441	ug/l	99
61) 1,2-Dibromoethane	11.243	107	31800	17.130	ug/l	99
64) Tetrachloroethene	10.873	164	39754	17.480	ug/l	94
65) Chlorobenzene	11.667	112	122542	17.610	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	43405	17.574	ug/l	99
67) Ethyl Benzene	11.738	91	221352	16.797	ug/l	98
68) m/p-Xylenes	11.849	106	168800	34.272	ug/l	94
69) o-Xylene	12.173	106	78771	16.814	ug/l	94
70) Styrene	12.190	104	135127	17.035	ug/l	96
71) Bromoform	12.349	173	21423	16.633	ug/l #	96
73) Isopropylbenzene	12.473	105	222331	17.263	ug/l	97
74) N-amyl acetate	12.285	43	54190	14.728	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	35021	15.798	ug/l	94
76) 1,2,3-Trichloropropane	12.773	75	31416m	20.572	ug/l	
77) Bromobenzene	12.749	156	47748	17.352	ug/l	99
78) n-propylbenzene	12.814	91	268092	16.799	ug/l	99
79) 2-Chlorotoluene	12.896	91	151156	16.612	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	175838	16.582	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	10483	15.691	ug/l #	75
82) 4-Chlorotoluene	12.996	91	155003	16.506	ug/l	100
83) tert-Butylbenzene	13.214	119	150909	16.520	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	180938	17.423	ug/l	96
85) sec-Butylbenzene	13.390	105	230500	16.784	ug/l	99
86) p-Isopropyltoluene	13.502	119	186813	16.941	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	94154	17.500	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	92041	17.086	ug/l	97
89) n-Butylbenzene	13.832	91	187818	16.948	ug/l	99
90) Hexachloroethane	14.096	117	35101	16.086	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	79527	17.058	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5255	14.454	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	49520	16.602	ug/l	97
94) Hexachlorobutadiene	15.249	225	26047	17.315	ug/l	97
95) Naphthalene	15.384	128	86152	15.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	40911	16.312	ug/l	95

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

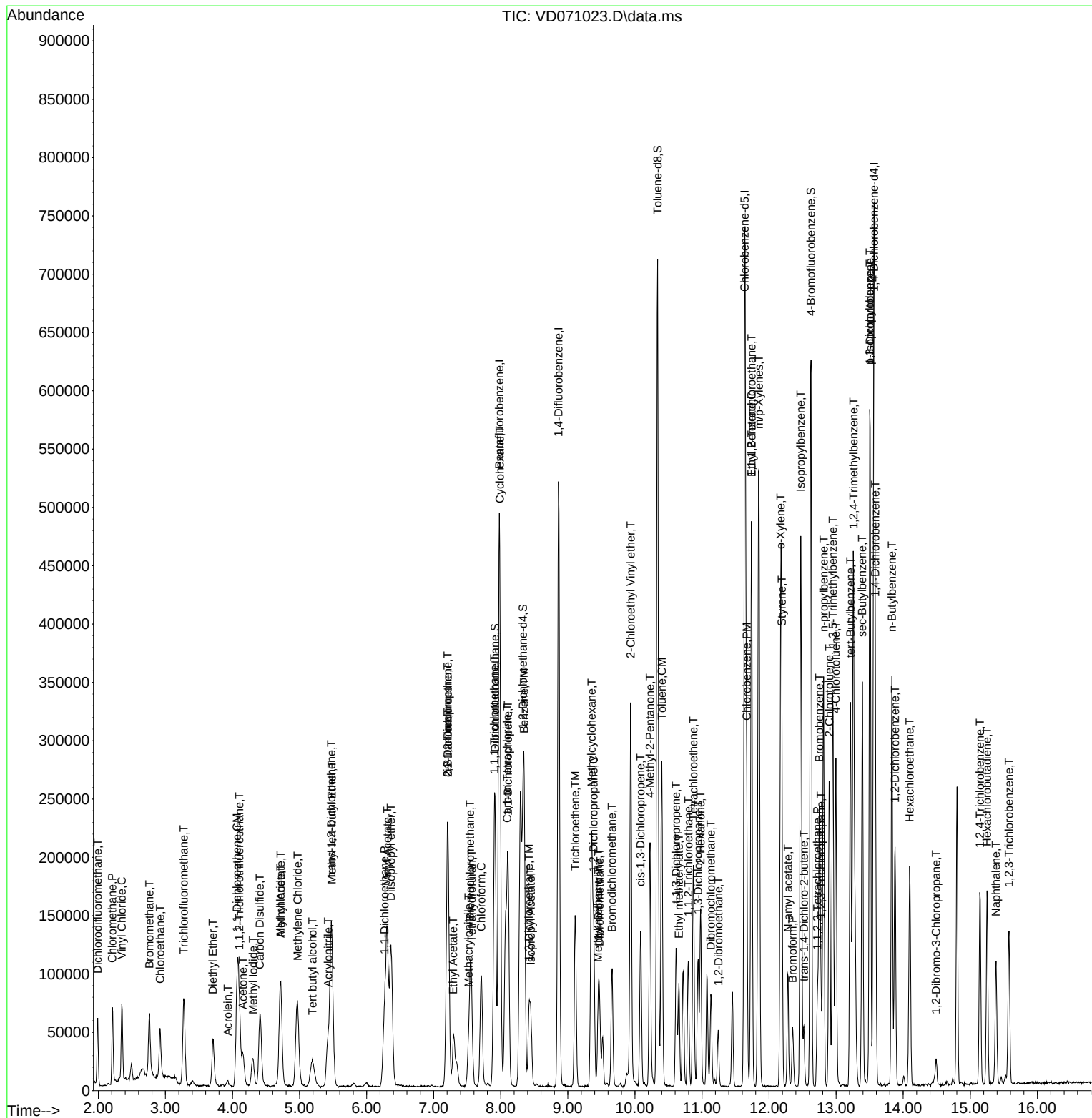
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
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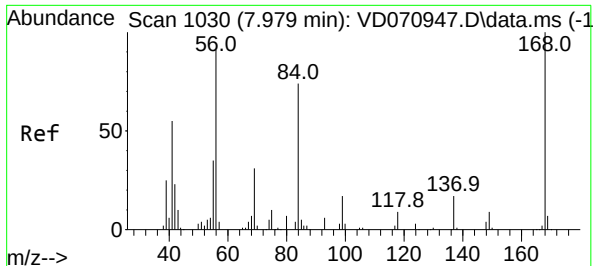
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Manual Integrations APPROVED

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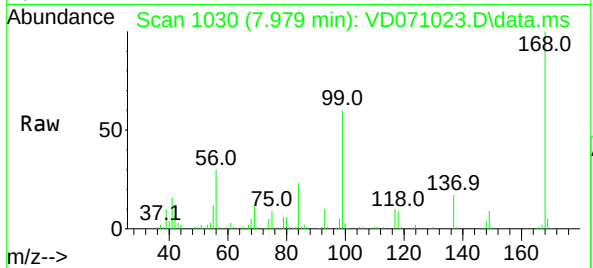
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071023.D
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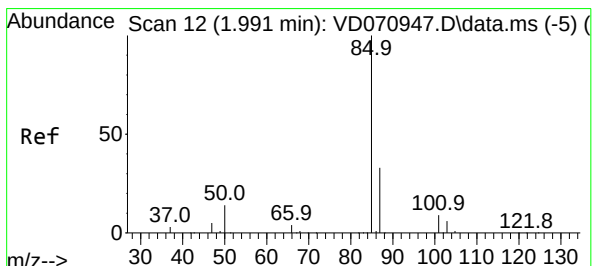
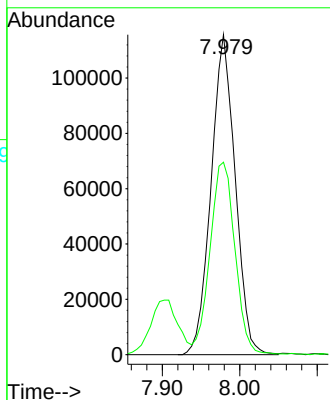
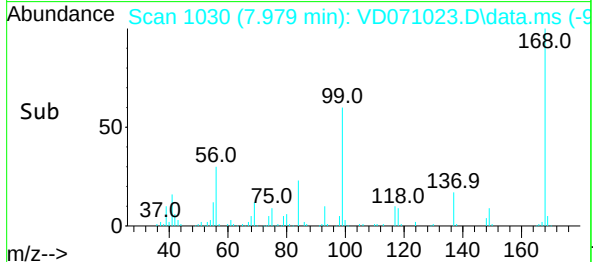
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



Tgt Ion:168 Resp: 249898
Ion Ratio Lower Upper
168 100
99 59.9 46.6 69.8

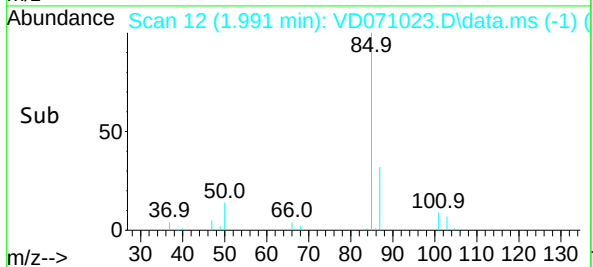
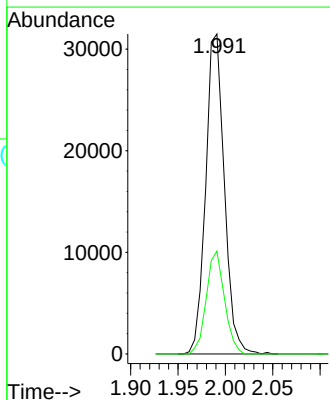
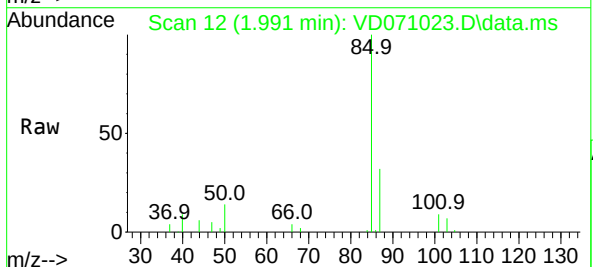
Manual Integrations
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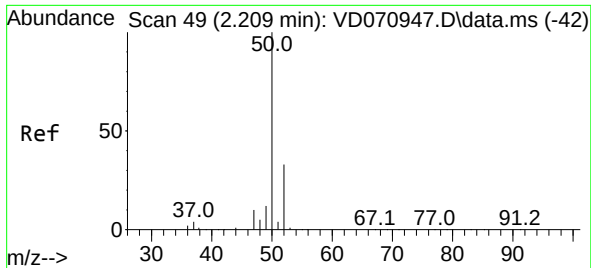
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 20.178 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion: 85 Resp: 43081
Ion Ratio Lower Upper
85 100
87 32.2 15.2 45.6





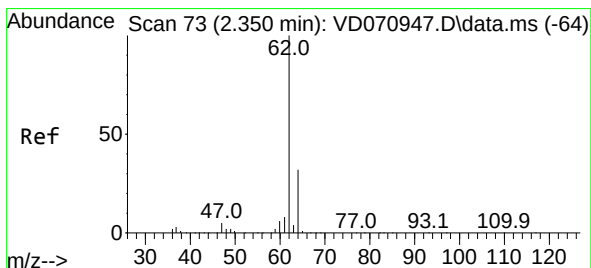
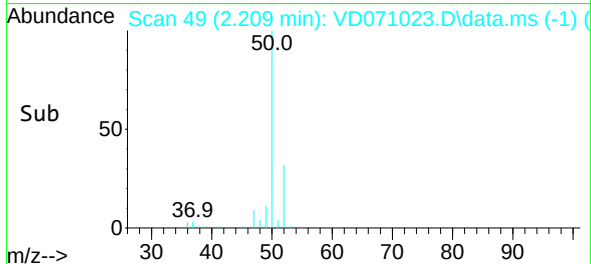
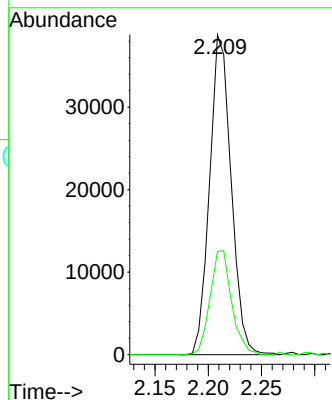
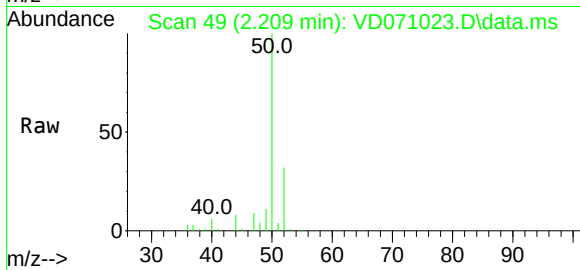
#3
Chloromethane
Concen: 21.452 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

Tgt Ion: 50 Resp: 54500
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8

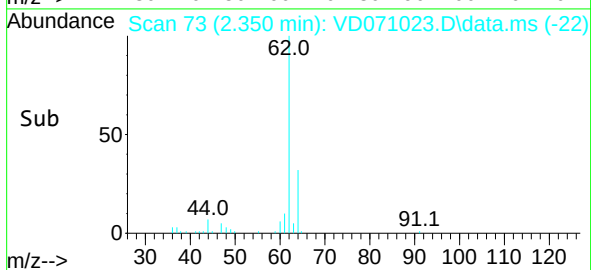
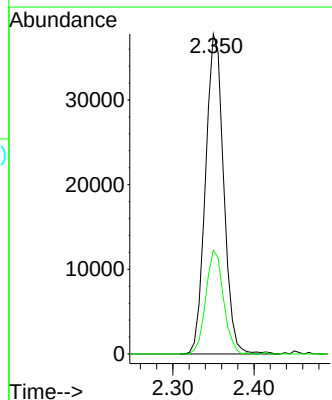
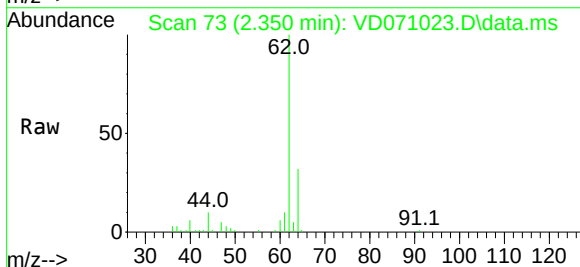
Manual Integrations
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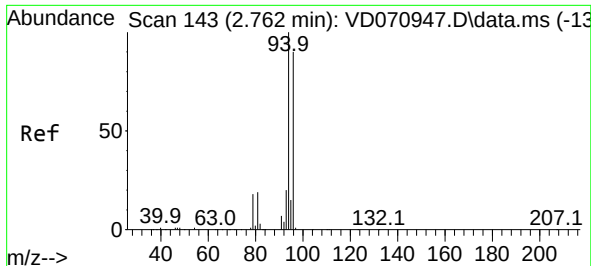
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Vinyl Chloride
Concen: 23.924 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

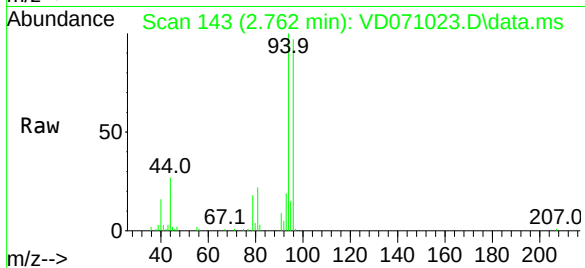
Tgt Ion: 62 Resp: 58455
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





#5
Bromomethane
Concen: 23.929 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

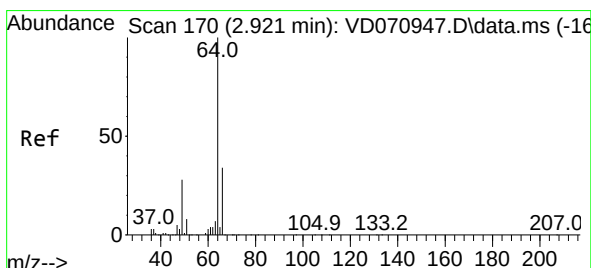
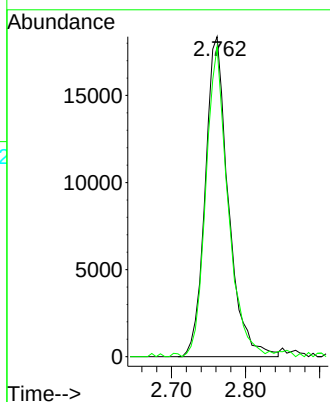
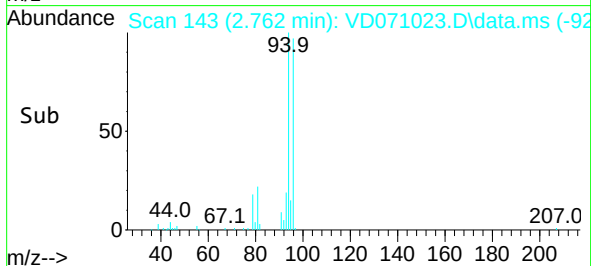
Instrument :
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Tgt Ion: 94 Resp: 3985
Ion Ratio Lower Upper
94 100
96 96.0 74.8 112.2

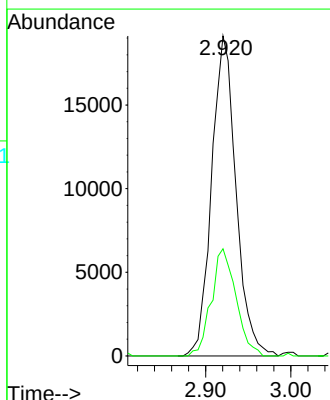
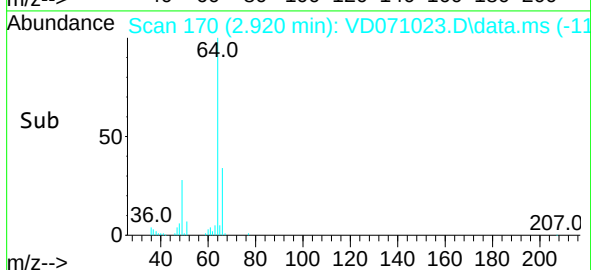
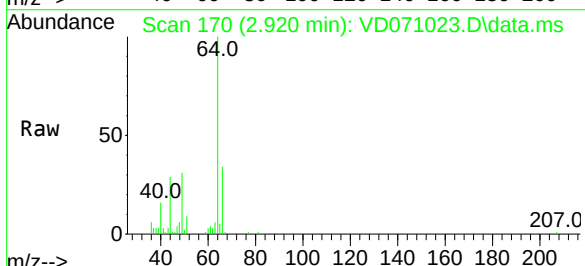
Manual Integrations
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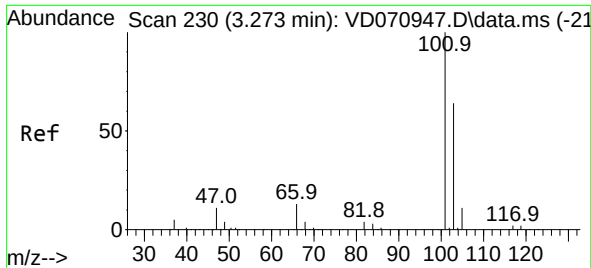
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#6
Chloroethane
Concen: 24.260 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

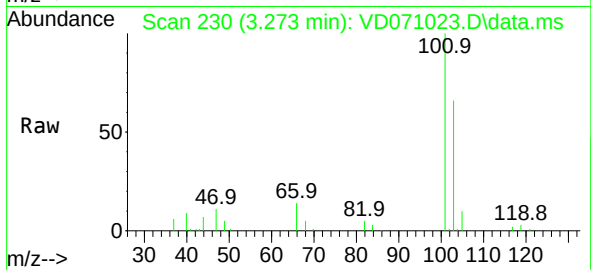
Tgt Ion: 64 Resp: 38070
Ion Ratio Lower Upper
64 100
66 33.5 29.0 43.4





#7
Trichlorofluoromethane
Concen: 19.166 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

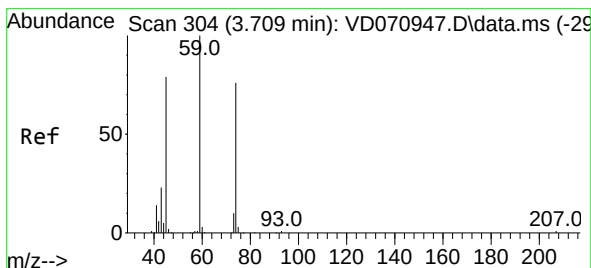
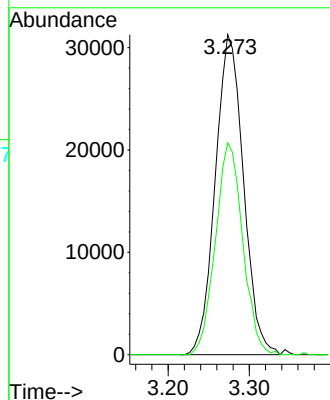
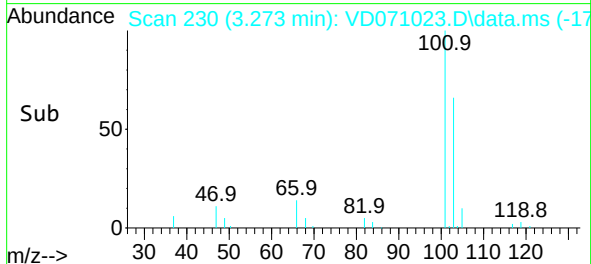
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 75360
Ion Ratio Lower Upper
101 100
103 66.2 49.7 74.5

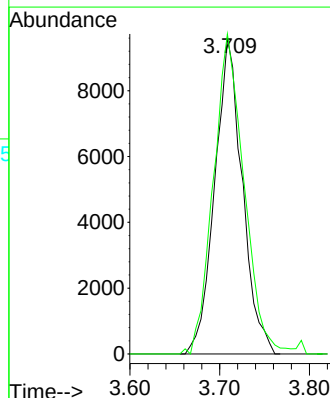
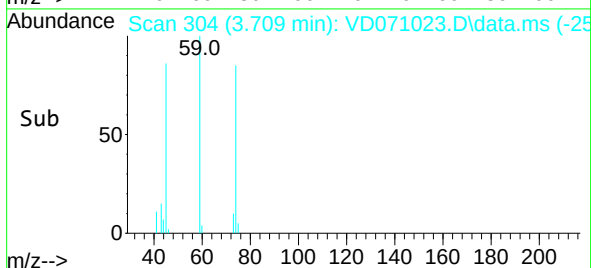
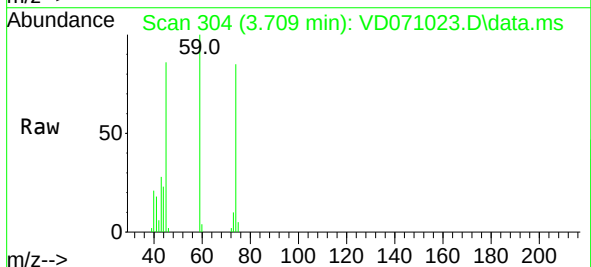
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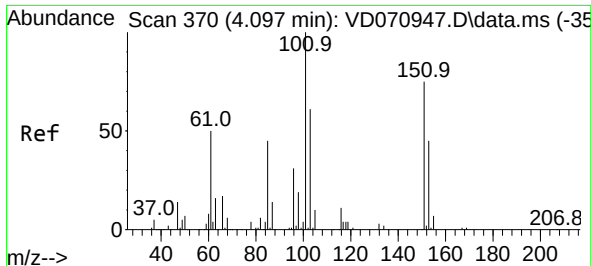
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#8
Diethyl Ether
Concen: 15.714 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion: 74 Resp: 20450
Ion Ratio Lower Upper
74 100
45 112.4 49.6 149.0





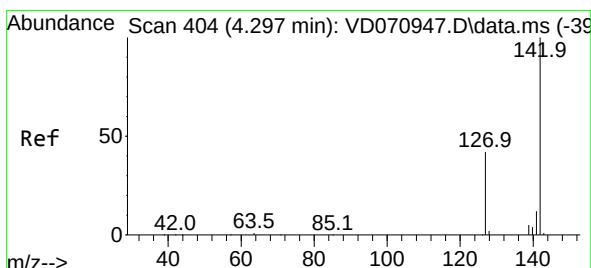
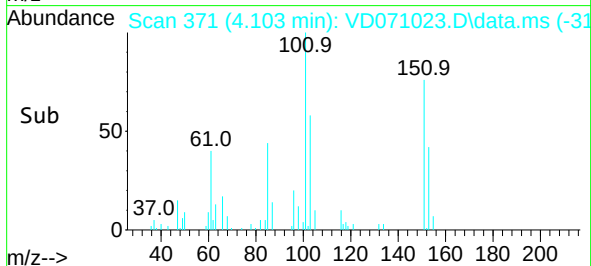
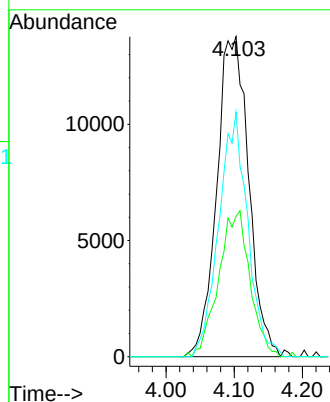
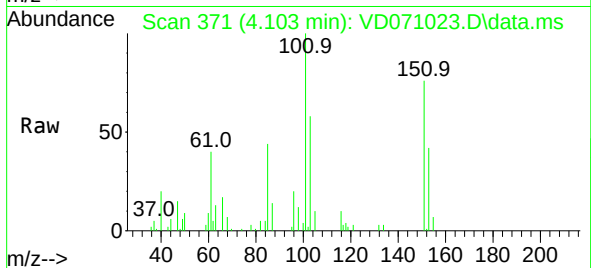
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.475 ug/l
RT: 4.103 min Scan# 311
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion:101 Resp: 4478
Ion Ratio Lower Upper
101 100
85 44.7 34.8 52.2
151 69.3 60.4 90.6

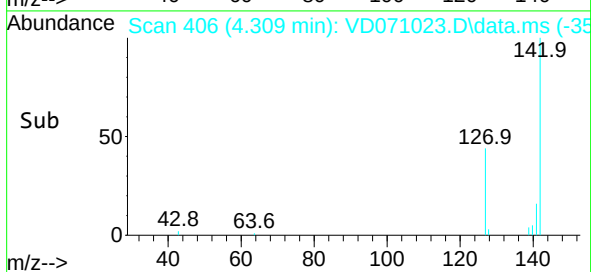
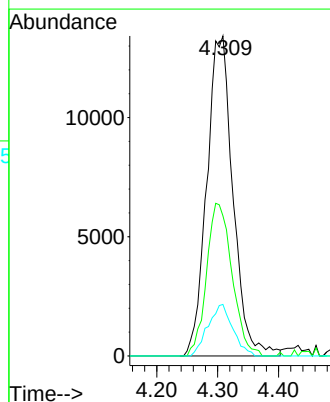
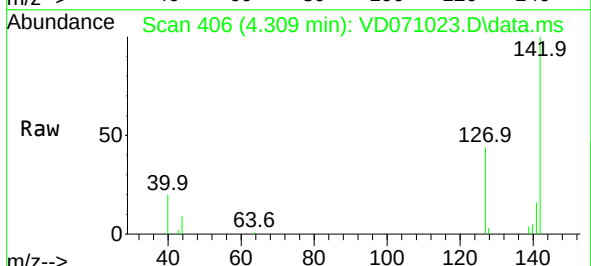
Manual Integrations
APPROVED

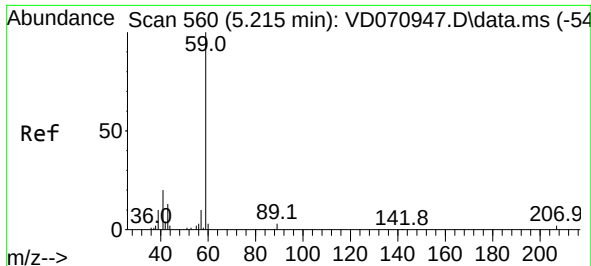
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 18.219 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

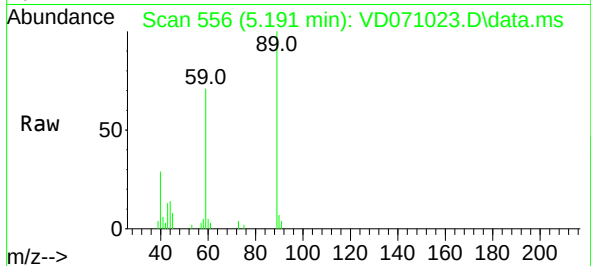
Tgt Ion:142 Resp: 40192
Ion Ratio Lower Upper
142 100
127 46.4 35.0 52.4
141 15.3 12.0 18.0





#11
Tert butyl alcohol
Concen: 165.682 ug/l
RT: 5.191 min Scan# 511
Delta R.T. -0.024 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

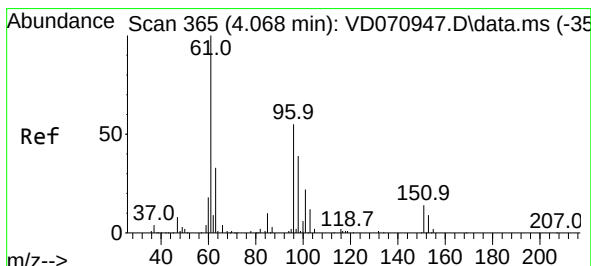
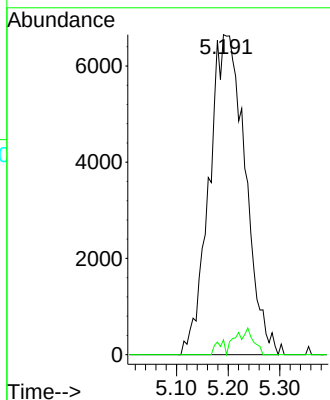
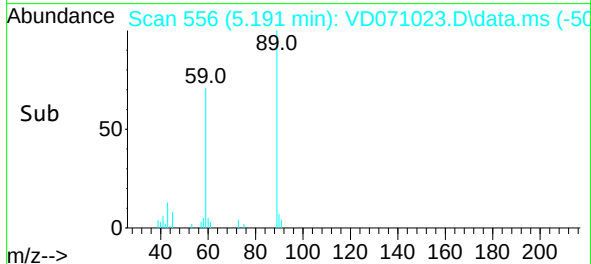
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



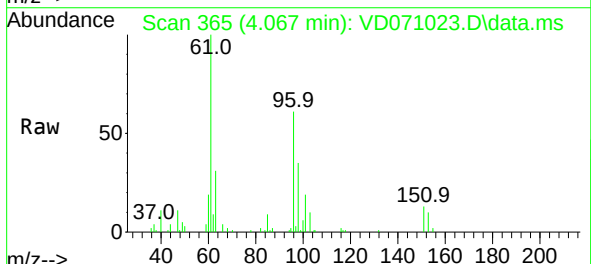
Tgt Ion: 59 Resp: 3221
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4

Manual Integrations
APPROVED

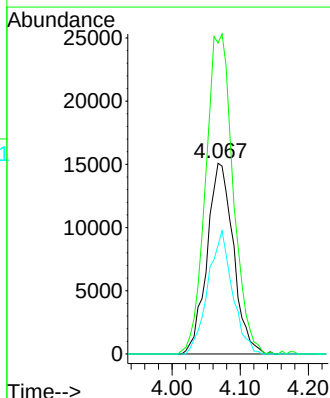
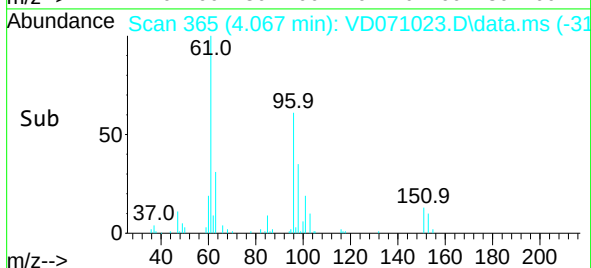
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

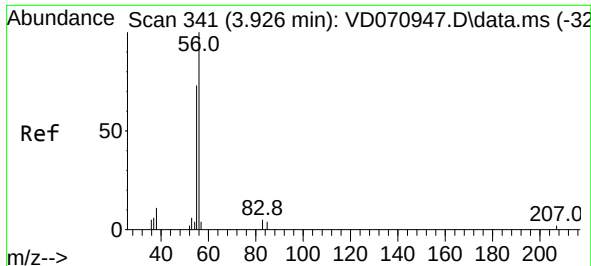


#12
1,1-Dichloroethene
Concen: 17.084 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



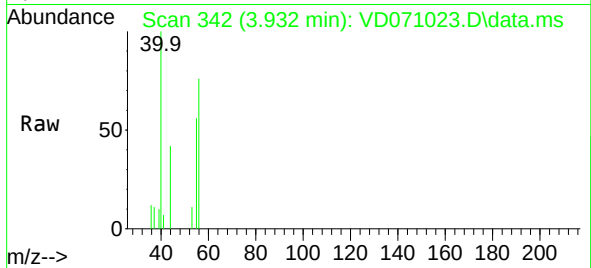
Tgt Ion: 96 Resp: 40540
Ion Ratio Lower Upper
96 100
61 163.1 120.3 180.5
98 57.0 54.4 81.6





#13
Acrolein
Concen: 80.290 ug/l
RT: 3.932 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

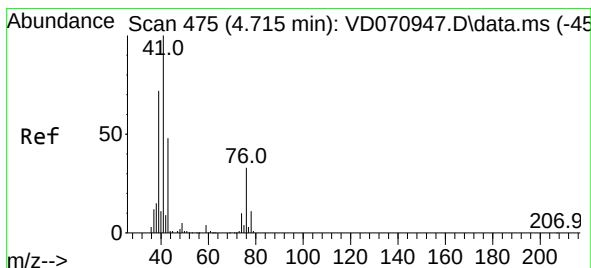
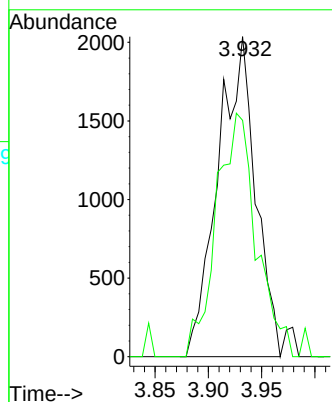
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion: 56 Resp: 4988
Ion Ratio Lower Upper
56 100
55 81.3 58.6 87.8

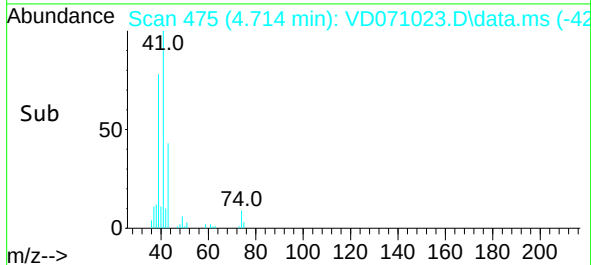
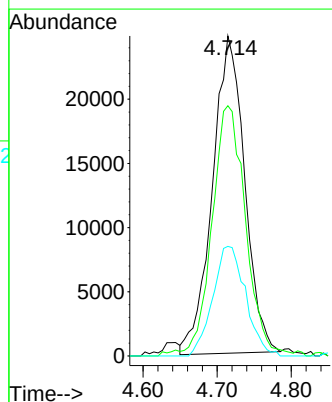
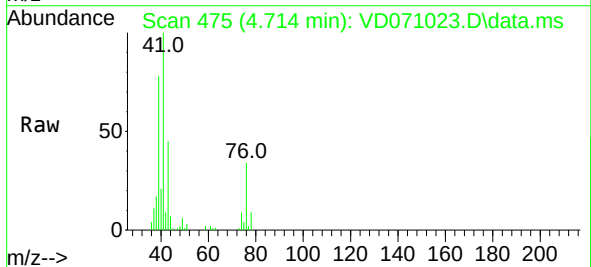
Manual Integrations
APPROVED

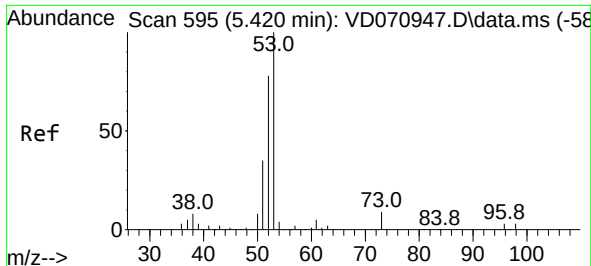
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 15.112 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion: 41 Resp: 74695
Ion Ratio Lower Upper
41 100
39 82.3 45.6 68.4#
76 35.1 30.2 45.4





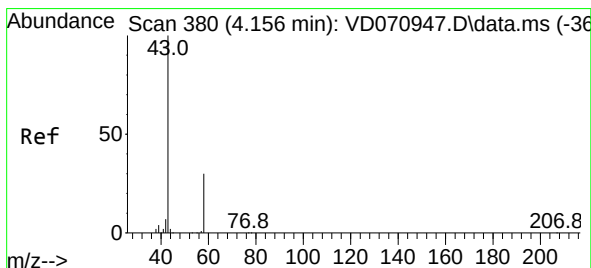
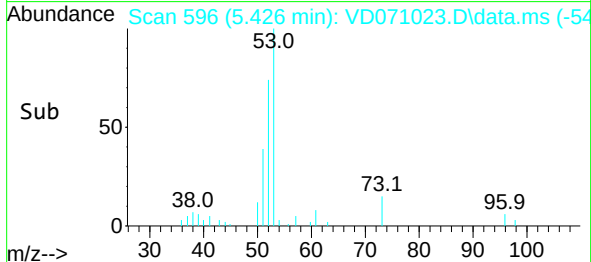
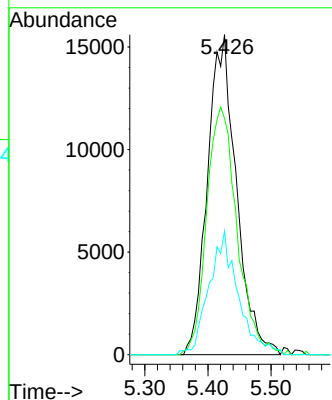
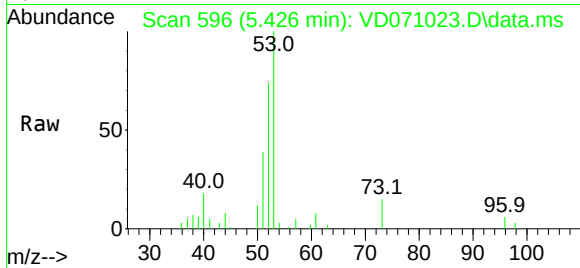
#15
Acrylonitrile
Concen: 79.660 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 53 Resp: 4960
Ion Ratio Lower Upper
53 100
52 81.5 63.8 95.8
51 39.0 28.5 42.7

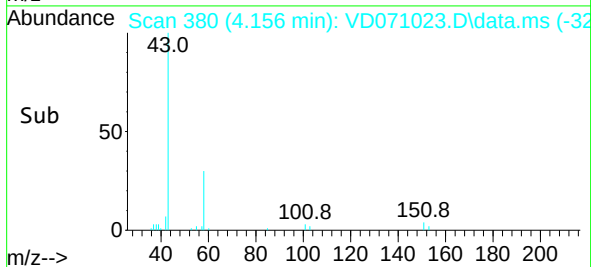
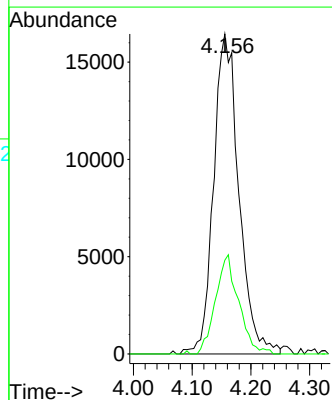
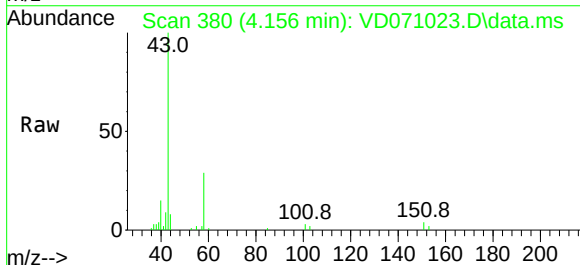
Manual Integrations
APPROVED

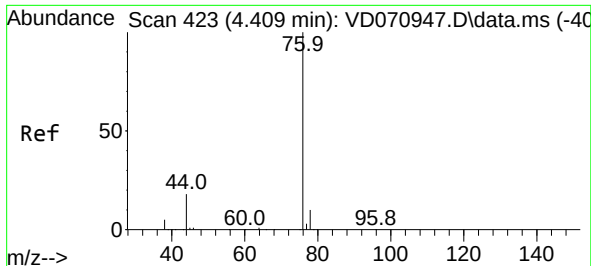
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 82.770 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

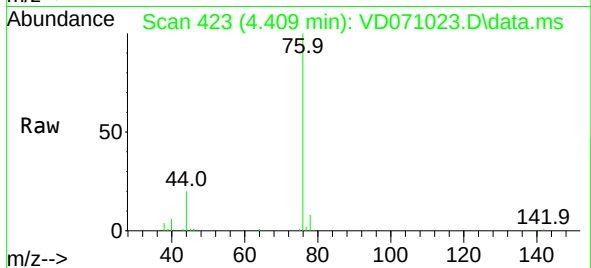
Tgt Ion: 43 Resp: 49140
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8





#17
Carbon Disulfide
Concen: 16.658 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

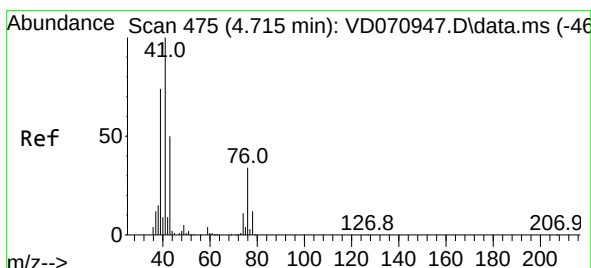
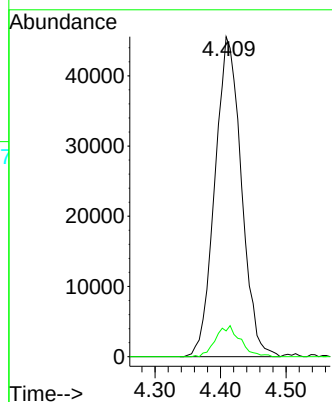
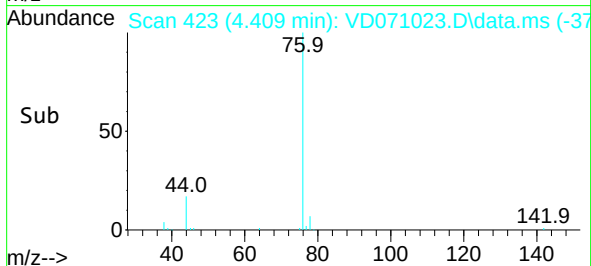
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



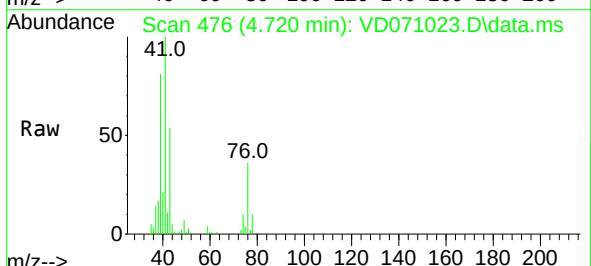
Tgt Ion: 76 Resp: 127640
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8

Manual Integrations
APPROVED

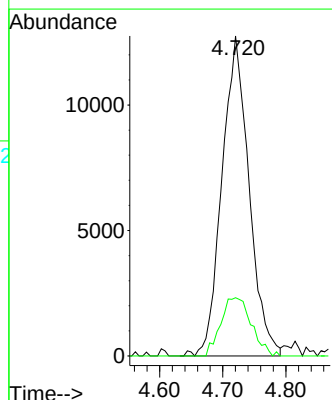
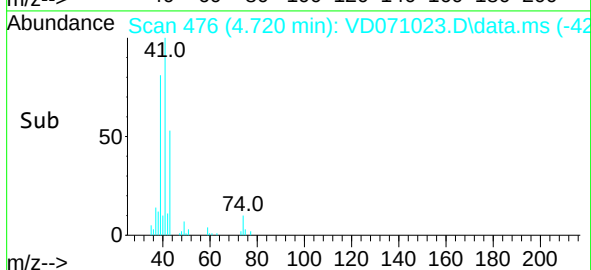
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

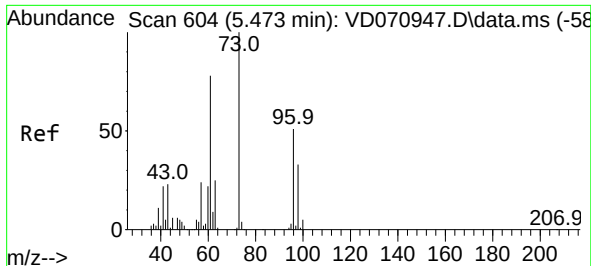


#18
Methyl Acetate
Concen: 16.635 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



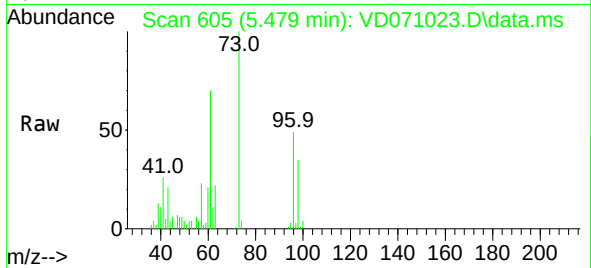
Tgt Ion: 43 Resp: 37971
Ion Ratio Lower Upper
43 100
74 20.6 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 16.236 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

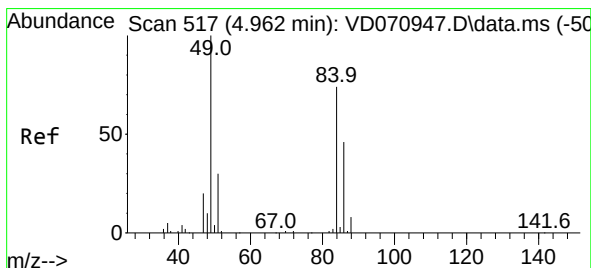
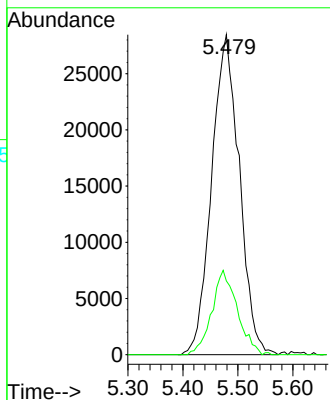
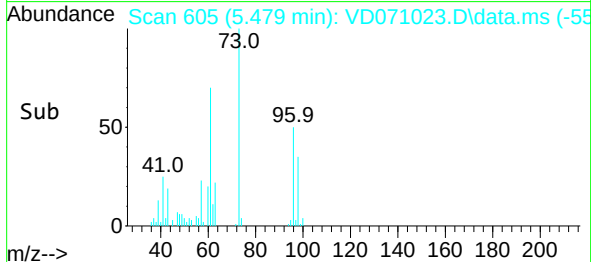
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



Tgt Ion: 73 Resp: 9946
Ion Ratio Lower Upper
73 100
57 23.1 18.9 28.3

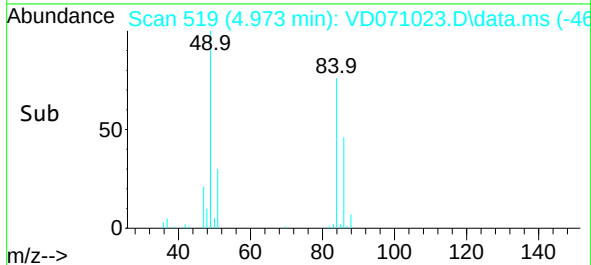
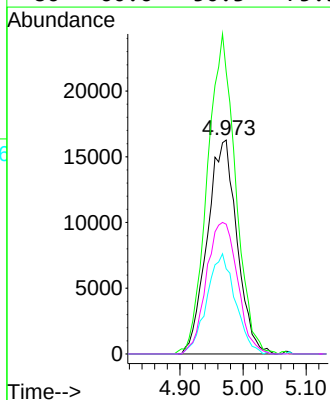
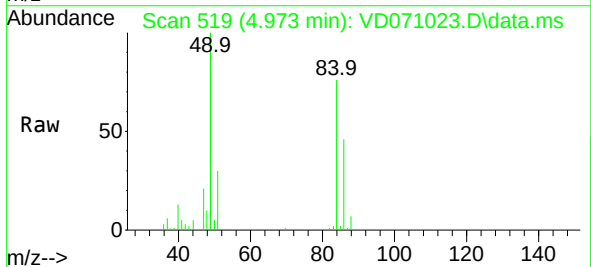
Manual Integrations
APPROVED

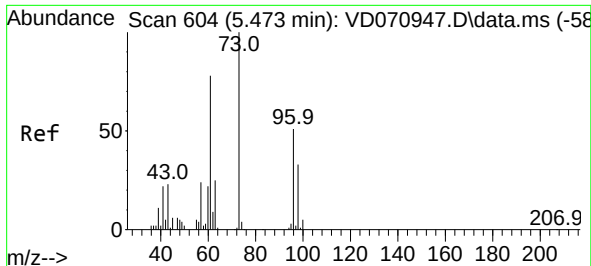
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 17.397 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

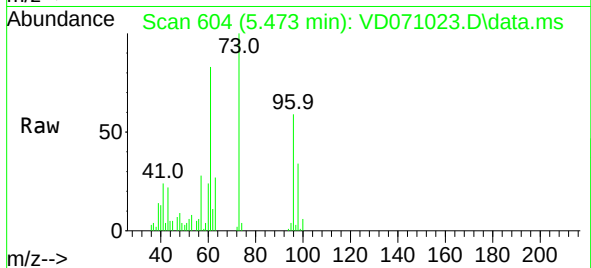
Tgt Ion: 84 Resp: 53465
Ion Ratio Lower Upper
84 100
49 131.9 95.8 143.6
51 39.8 30.9 46.3
86 60.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 16.844 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

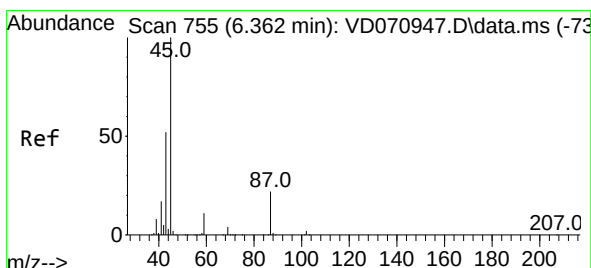
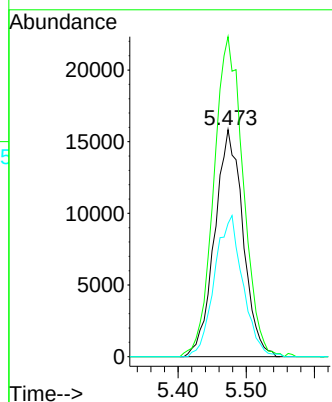
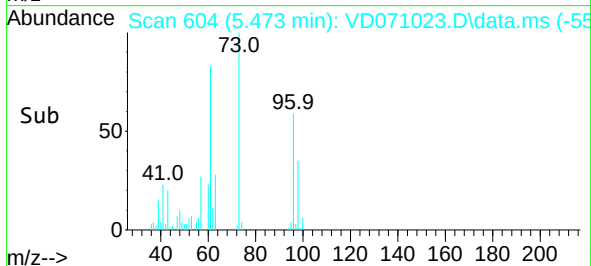
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



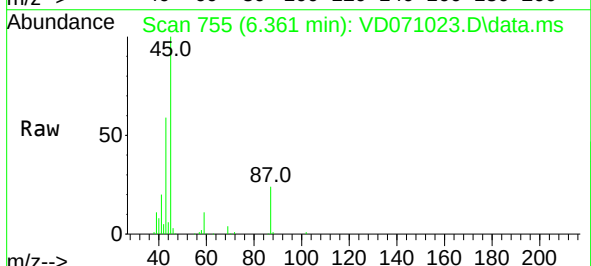
Tgt Ion: 96 Resp: 45819
Ion Ratio Lower Upper
96 100
61 140.9 102.1 153.1
98 58.6 50.1 75.1

Manual Integrations
APPROVED

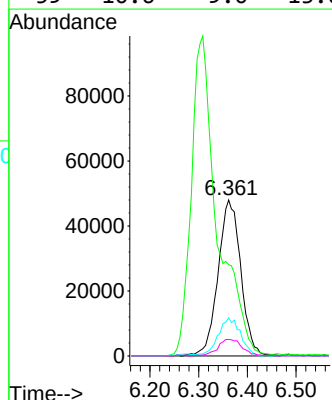
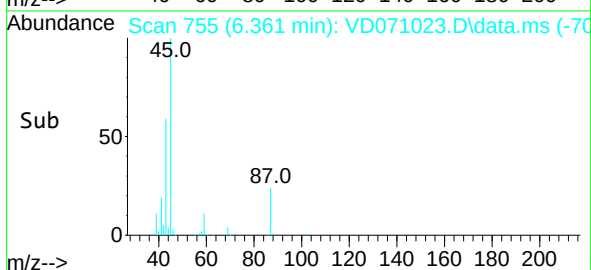
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

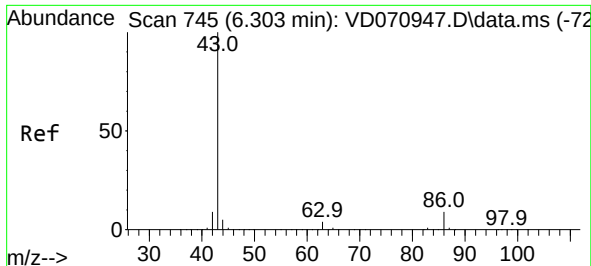


#22
Diisopropyl ether
Concen: 15.857 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



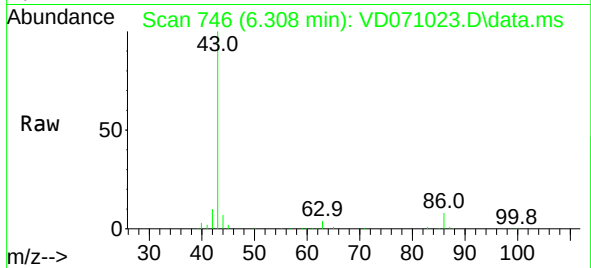
Tgt Ion: 45 Resp: 155819
Ion Ratio Lower Upper
45 100
43 57.5 39.6 59.4
87 24.4 21.2 31.8
59 10.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 84.747 ug/l
 RT: 6.308 min Scan# 745
 Delta R.T. 0.005 min
 Lab File: VD071023.D
 Acq: 15 Nov 2021 12:29

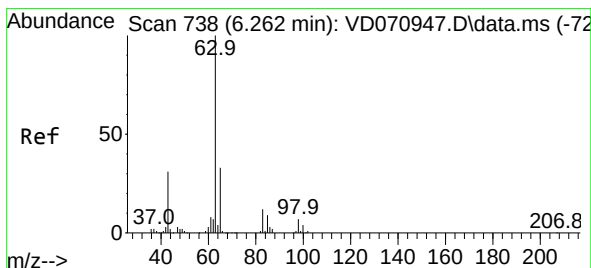
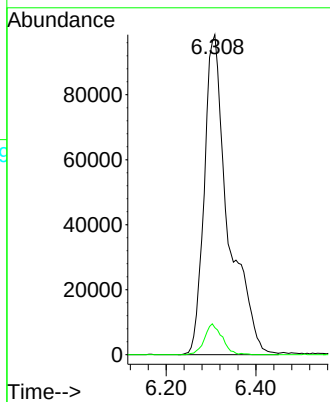
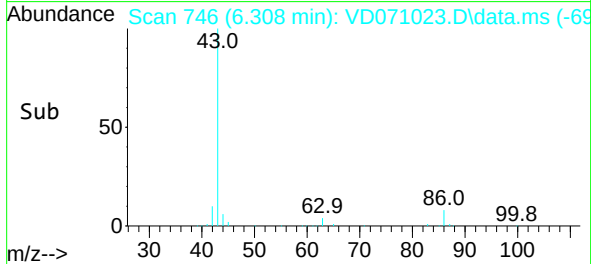
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01



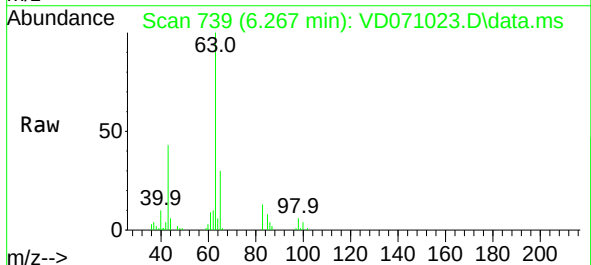
Tgt Ion: 43 Resp: 365074
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.2 12.4

Manual Integrations
 APPROVED

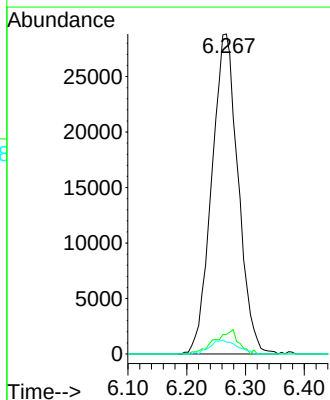
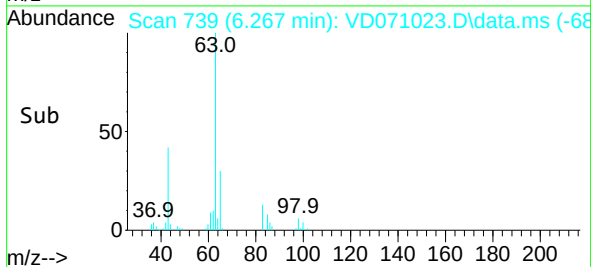
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

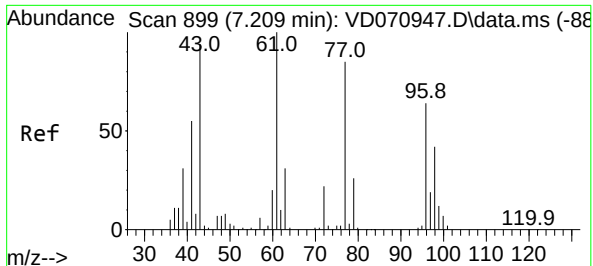


#24
 1,1-Dichloroethane
 Concen: 17.141 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071023.D
 Acq: 15 Nov 2021 12:29



Tgt Ion: 63 Resp: 89962
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 3.7 2.1 6.3





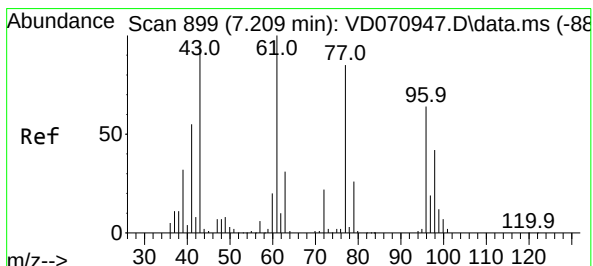
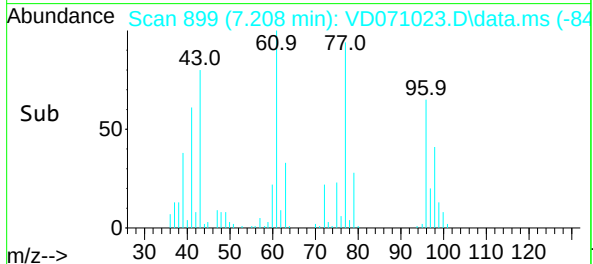
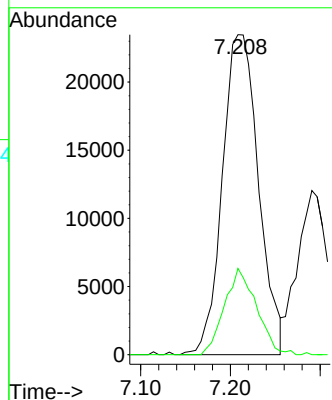
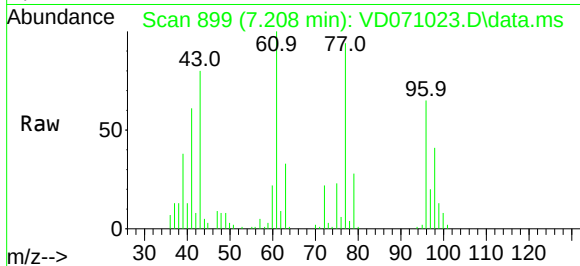
#25
2-Butanone
Concen: 85.378 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 43 Resp: 65720
Ion Ratio Lower Upper
43 100
72 27.0 23.8 35.6

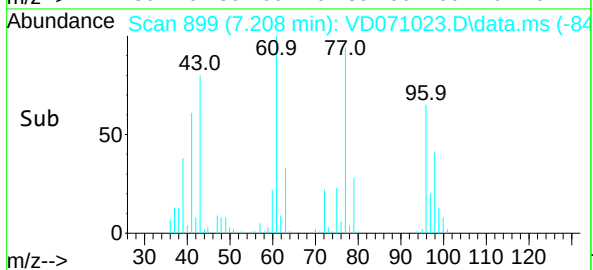
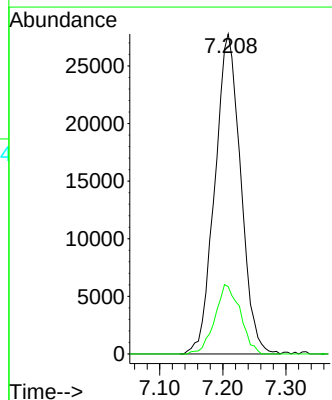
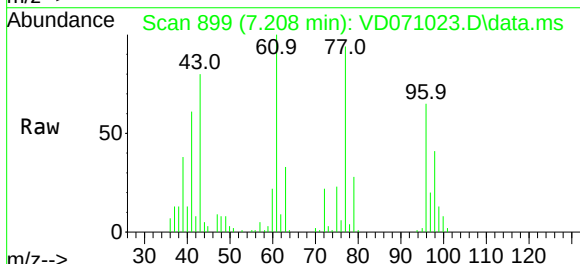
Manual Integrations
APPROVED

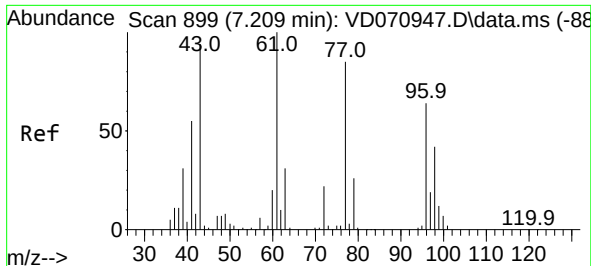
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
2,2-Dichloropropane
Concen: 17.810 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion: 77 Resp: 78890
Ion Ratio Lower Upper
77 100
97 21.3 11.9 35.5





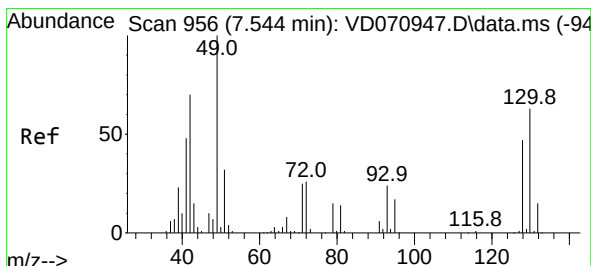
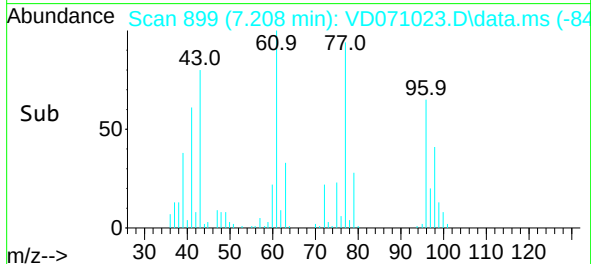
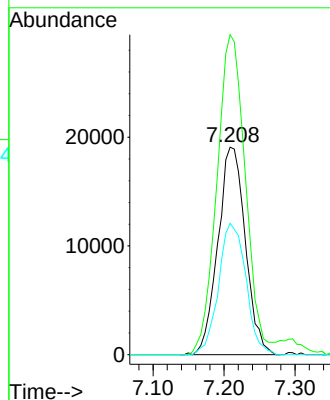
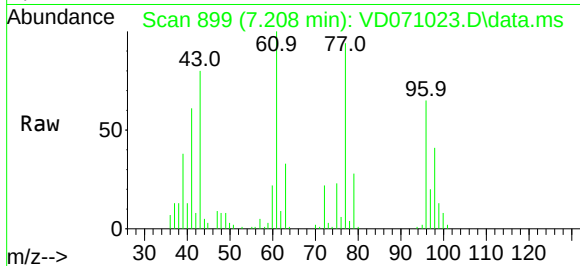
#27
cis-1,2-Dichloroethene
Concen: 16.464 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 96 Resp: 51189
Ion Ratio Lower Upper
96 100
61 160.0 0.0 288.6
98 63.1 0.0 129.2

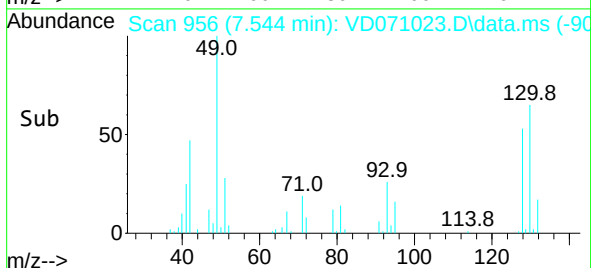
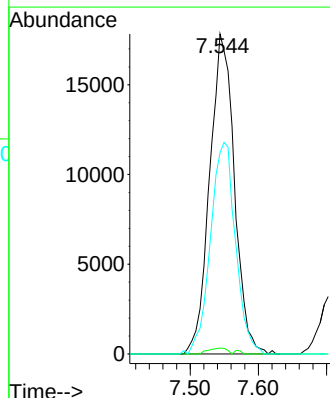
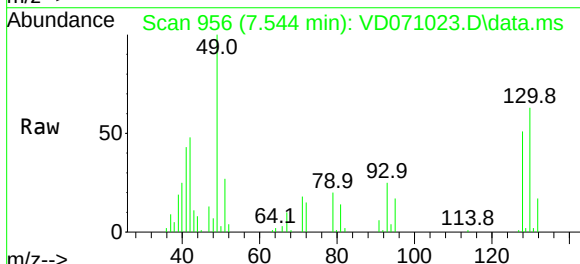
Manual Integrations
APPROVED

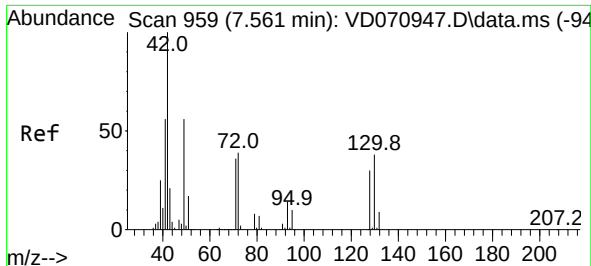
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28
Bromochloromethane
Concen: 20.161 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion: 49 Resp: 44879
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.0
130 67.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 79.113 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

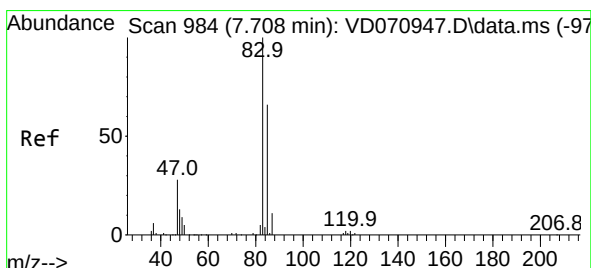
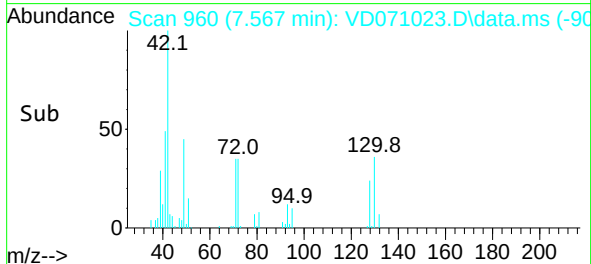
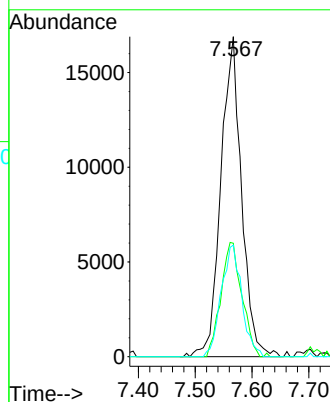
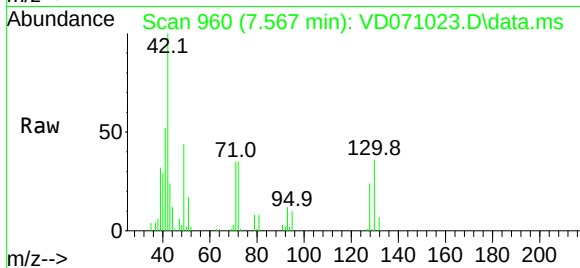
Tgt Ion: 42 Resp: 42769

Ion	Ratio	Lower	Upper
42	100		
72	36.0	33.7	50.5
71	34.6	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 17.612 ug/l

RT: 7.708 min Scan# 984

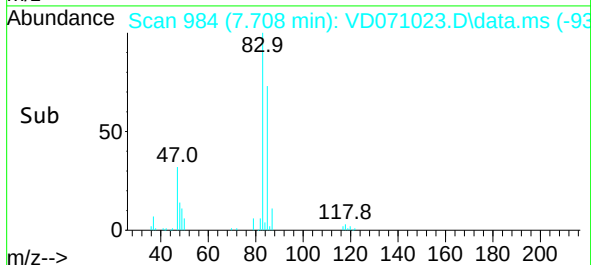
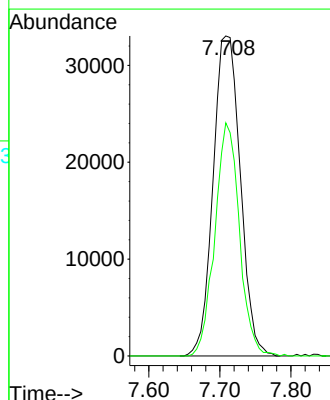
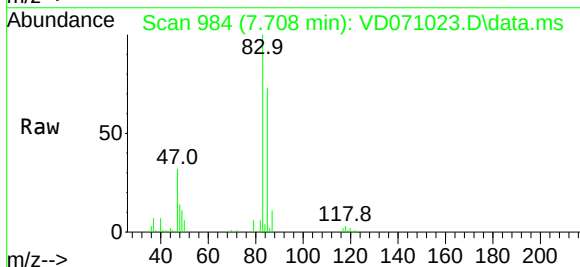
Delta R.T. 0.000 min

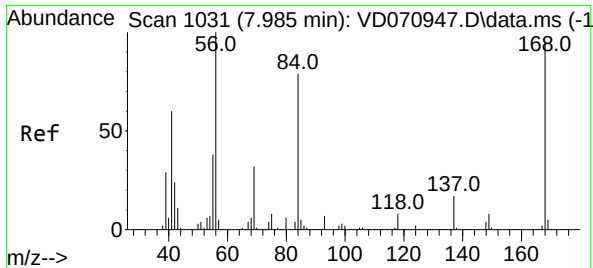
Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Tgt Ion: 83 Resp: 87883

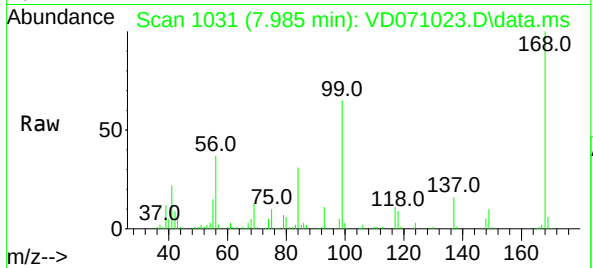
Ion	Ratio	Lower	Upper
83	100		
85	72.8	51.0	76.6





#31
Cyclohexane
Concen: 16.478 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

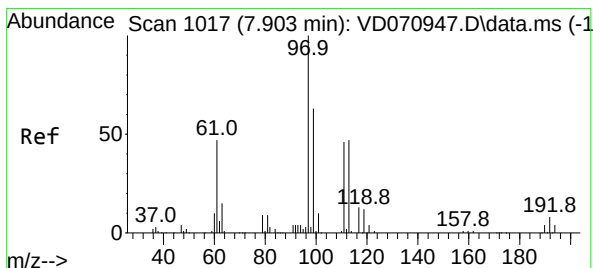
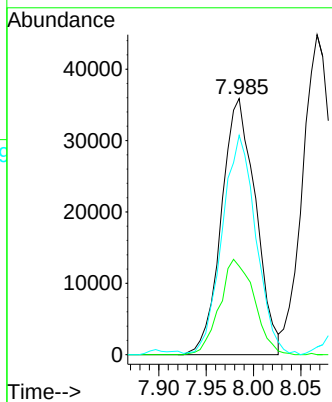
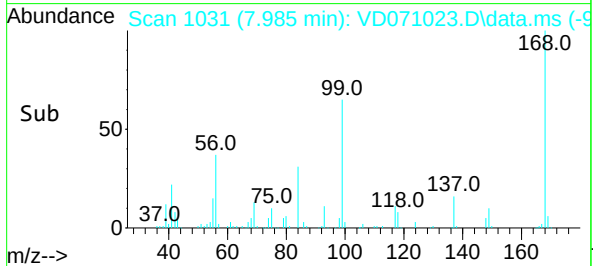
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



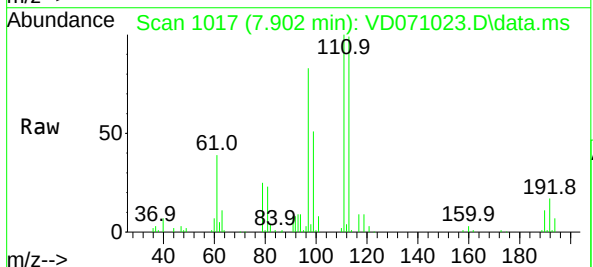
Tgt Ion: 56 Resp: 90160
Ion Ratio Lower Upper
56 100
69 34.5 25.9 38.9
84 84.3 64.3 96.5

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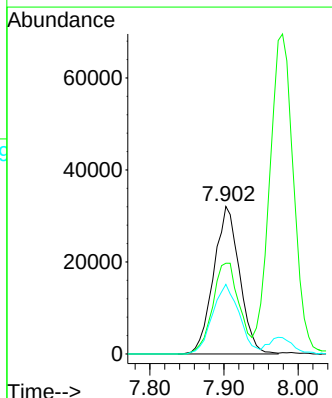
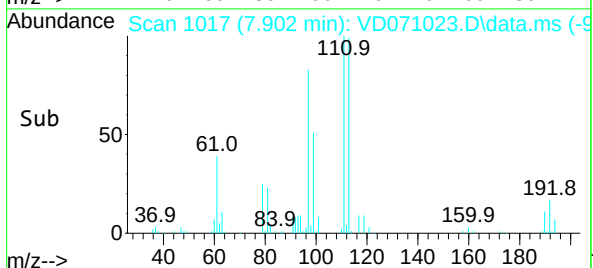
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

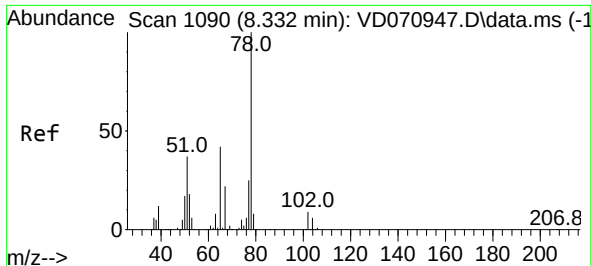


#32
1,1,1-Trichloroethane
Concen: 18.172 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



Tgt Ion: 97 Resp: 77879
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 48.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.310 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071023.D

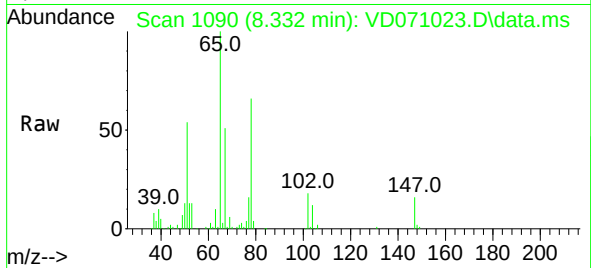
Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01



Tgt Ion: 65 Resp: 131198

Ion Ratio Lower Upper

65 100

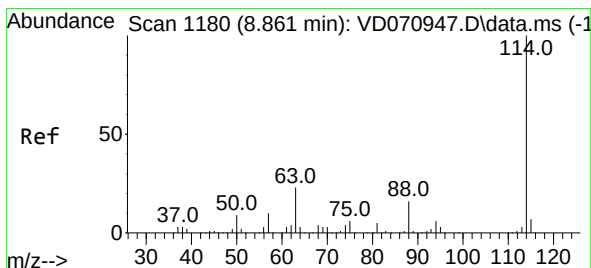
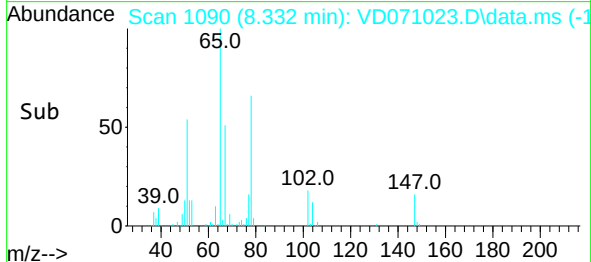
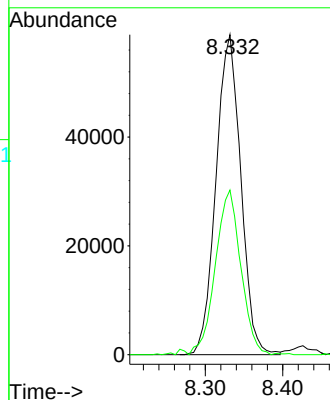
67 53.4 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

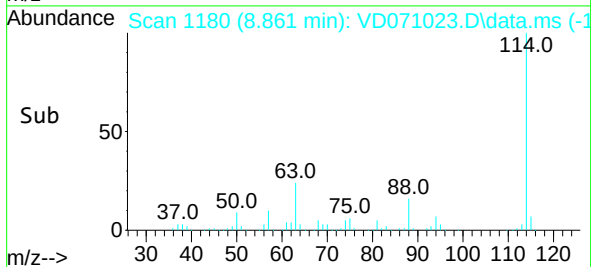
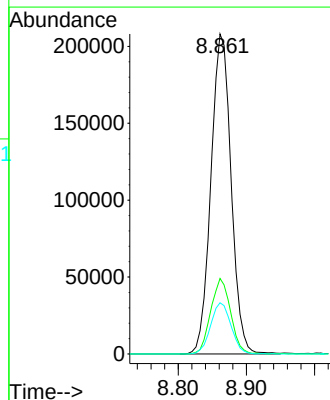
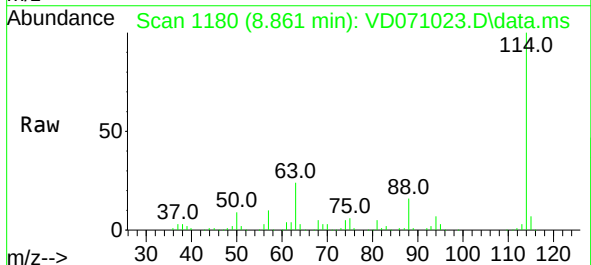
Tgt Ion:114 Resp: 429008

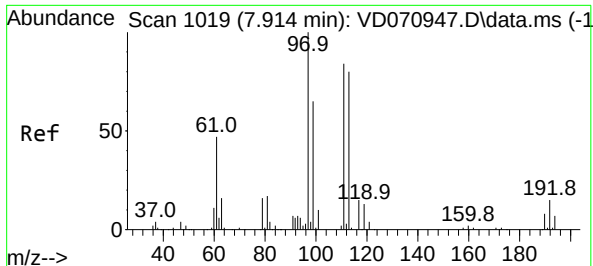
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.885 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071023.D

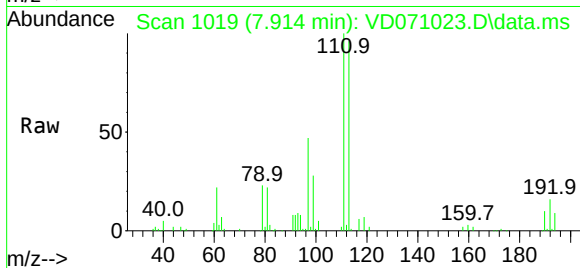
Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBSD01

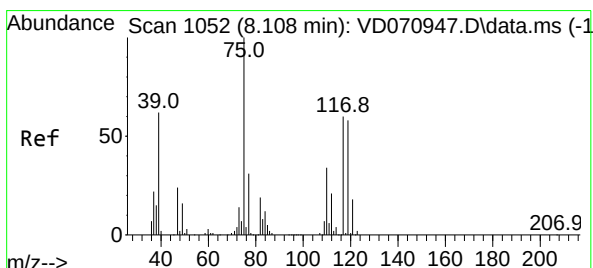
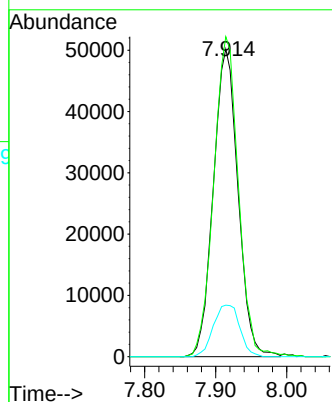
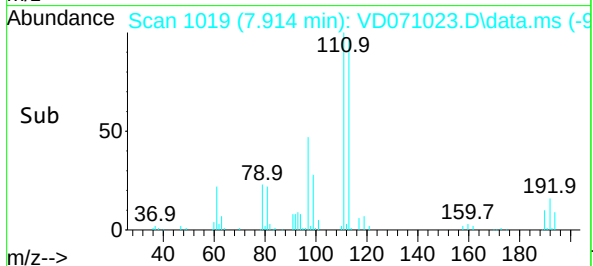


Tgt Ion:	113	Resp:	12076
Ion Ratio	Lower	Upper	
113	100		
111	104.1	82.0	123.0
192	18.0	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36

1,1-Dichloropropene

Concen: 17.458 ug/l

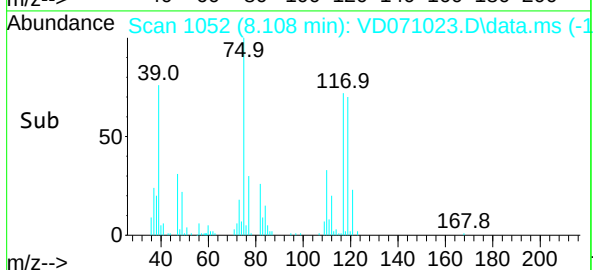
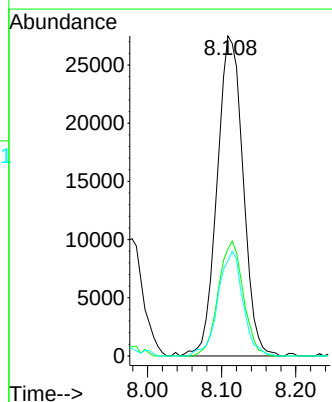
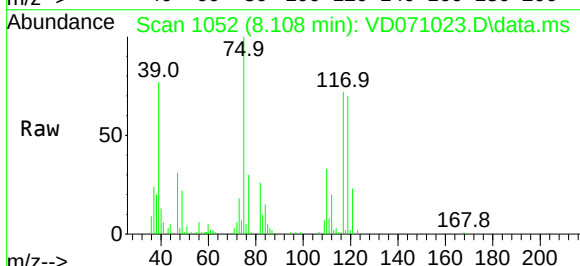
RT: 8.108 min Scan# 1052

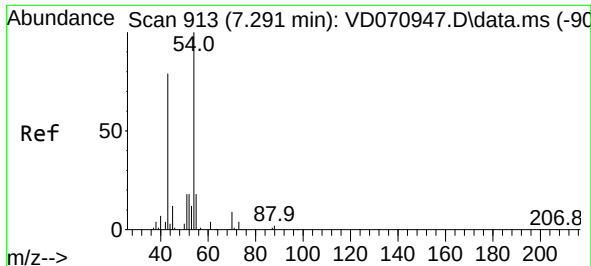
Delta R.T. 0.000 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

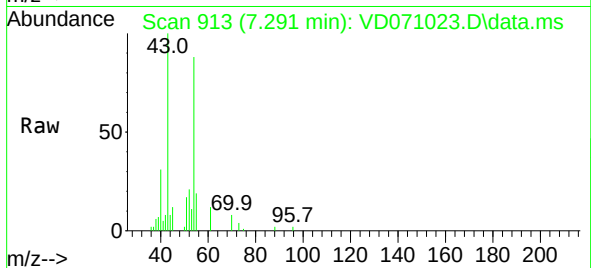
Tgt Ion:	75	Resp:	66869
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.8	53.4
77	31.4	24.8	37.2





#37
Ethyl Acetate
Concen: 17.254 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

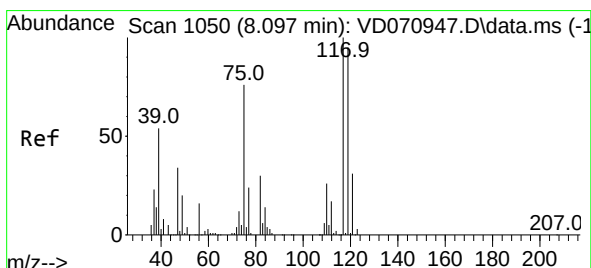
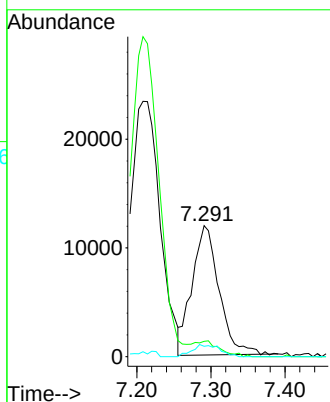
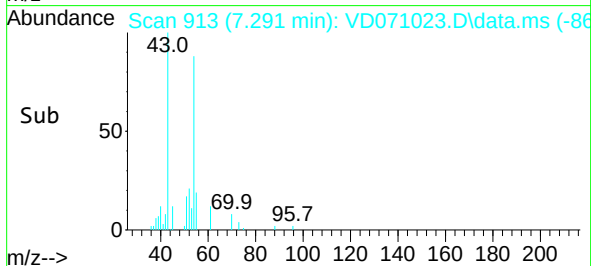
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



Tgt Ion: 43 Resp: 30152
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6
70 9.4 8.7 13.1

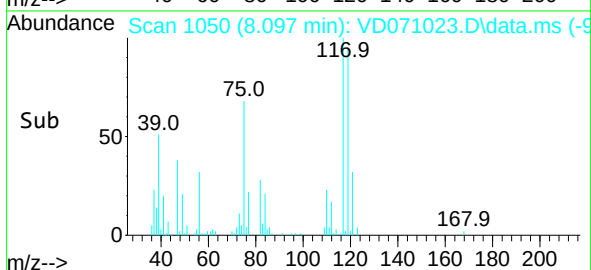
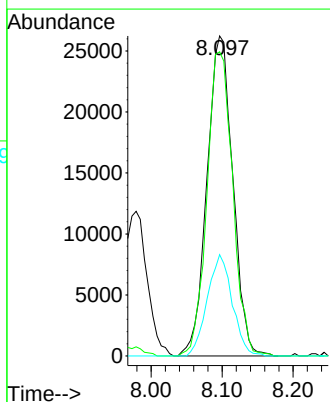
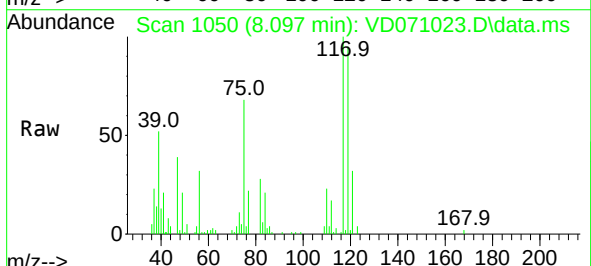
Manual Integrations
APPROVED

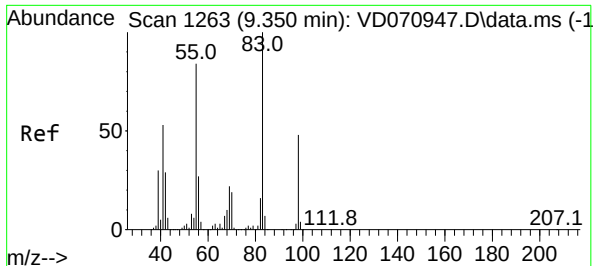
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 18.800 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion:117 Resp: 66316
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6
121 31.6 23.6 35.4





#39

Methylcyclohexane

Concen: 17.160 ug/l

RT: 9.355 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

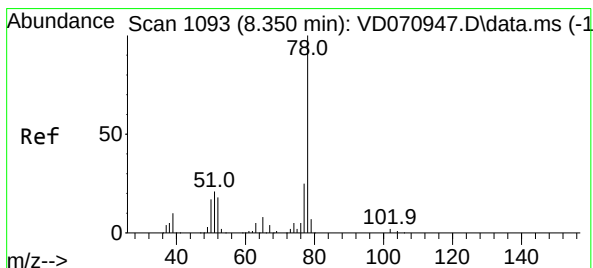
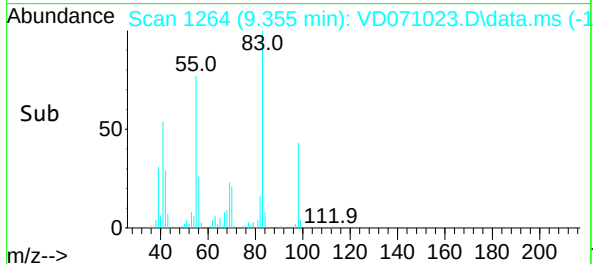
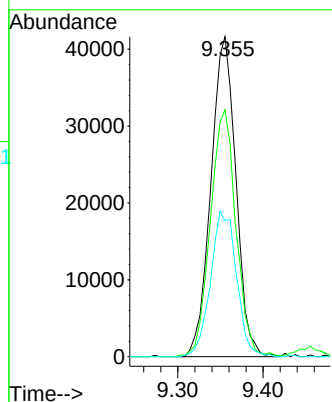
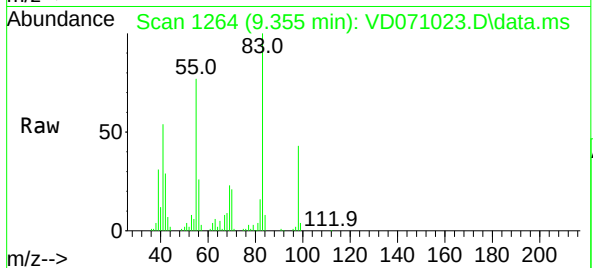
VD1115SBS01

Tgt Ion:	83	Resp:	8489
Ion Ratio	Lower	Upper	
83	100		
55	76.8	65.8	98.8
98	42.6	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 17.519 ug/l

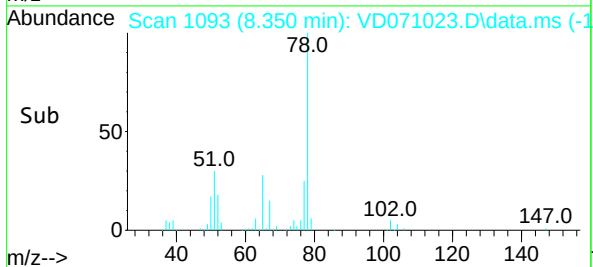
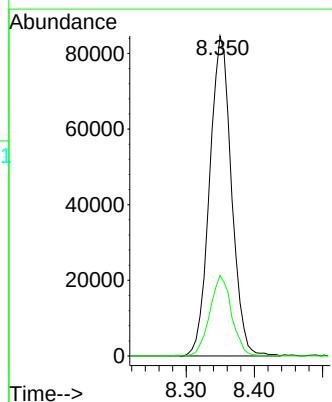
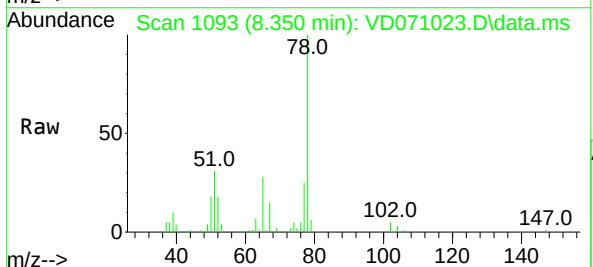
RT: 8.350 min Scan# 1093

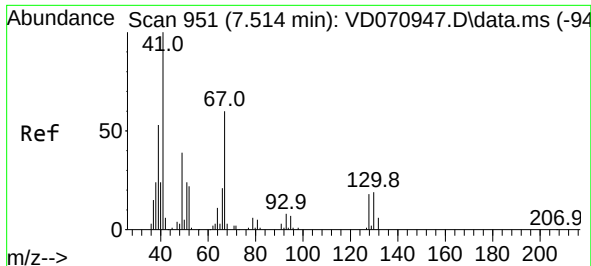
Delta R.T. -0.000 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

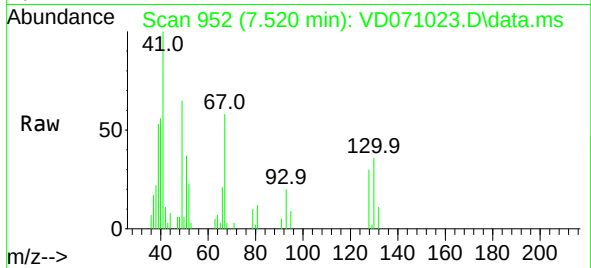
Tgt Ion:	78	Resp:	188984
Ion Ratio	Lower	Upper	
78	100		
77	25.1	19.1	28.7





#41
Methacrylonitrile
Concen: 16.789 ug/l
RT: 7.520 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

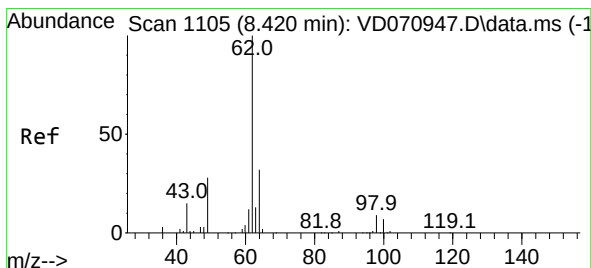
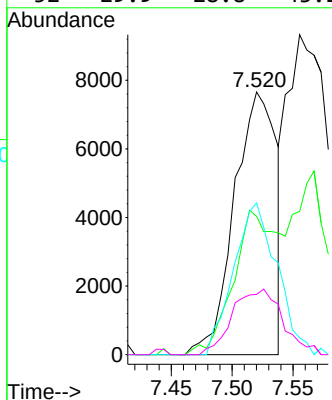
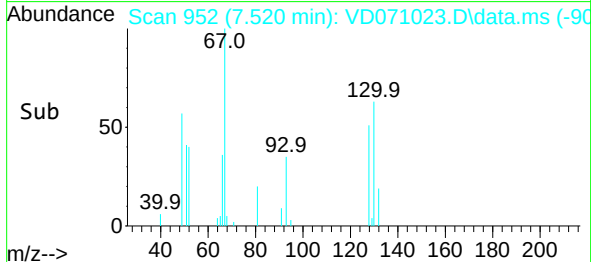
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



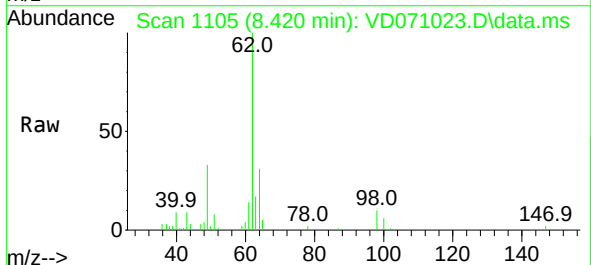
Tgt Ion: 41 Resp: 18270
Ion Ratio Lower Upper
41 100
39 55.0 60.2 90.4
67 60.2 74.8 112.2
52 29.9 28.8 43.2

Manual Integrations
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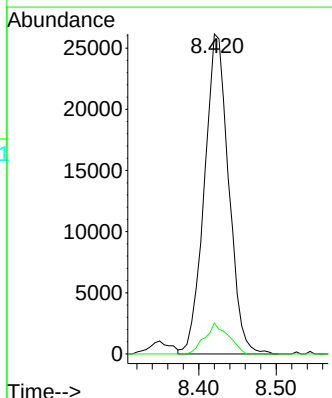
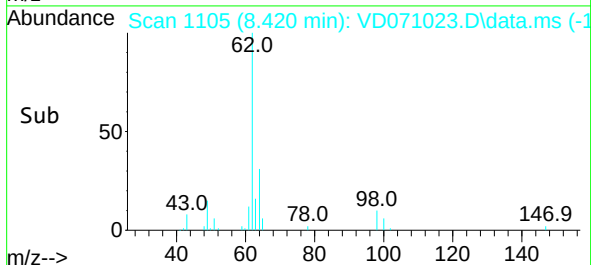
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

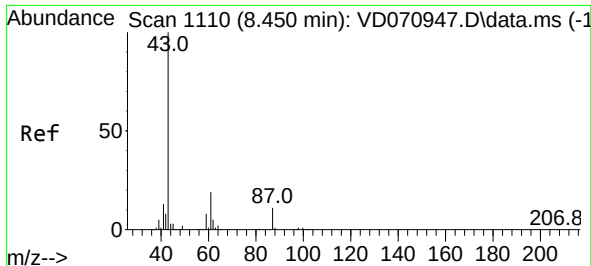


#42
1,2-Dichloroethane
Concen: 18.626 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



Tgt Ion: 62 Resp: 56910
Ion Ratio Lower Upper
62 100
98 9.3 0.0 21.8





#43

Isopropyl Acetate

Concen: 16.702 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD071023.D

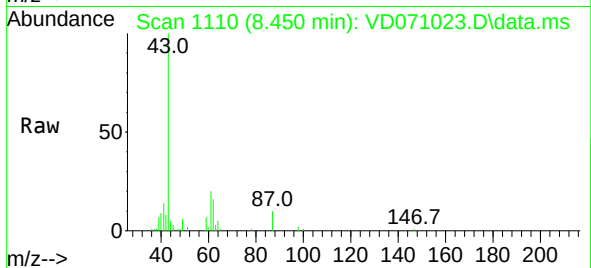
Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

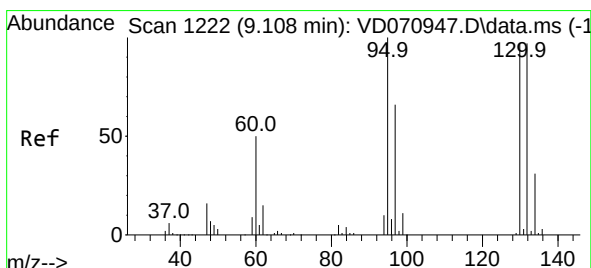
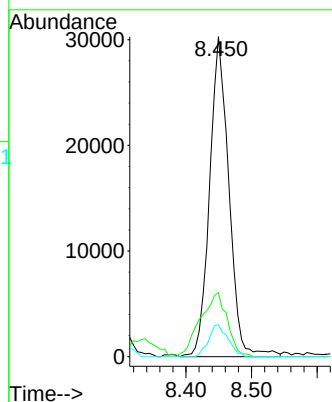
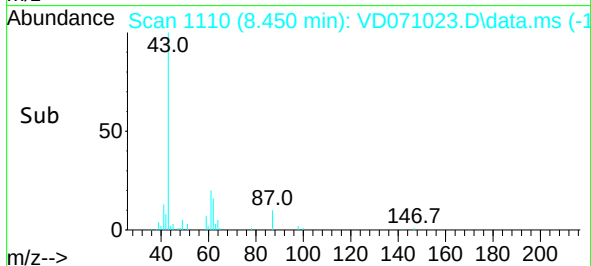


Tgt Ion: 43	Resp: 6177
Ion Ratio	Lower Upper
43	100
61	28.0 28.2 42.4
87	10.0 10.7 16.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44

Trichloroethene

Concen: 17.818 ug/l

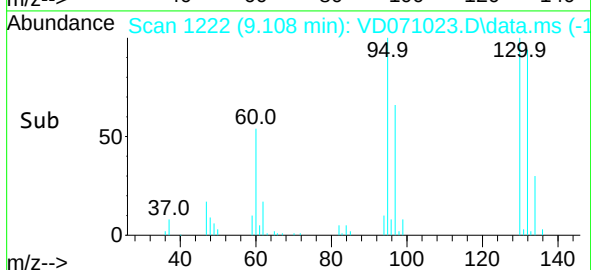
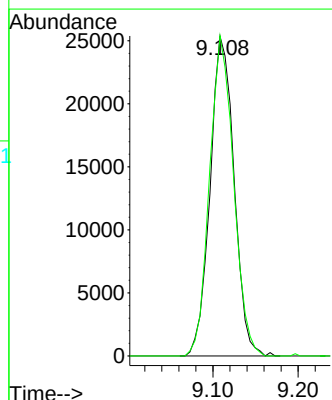
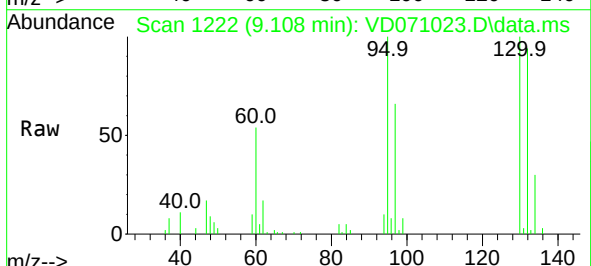
RT: 9.108 min Scan# 1222

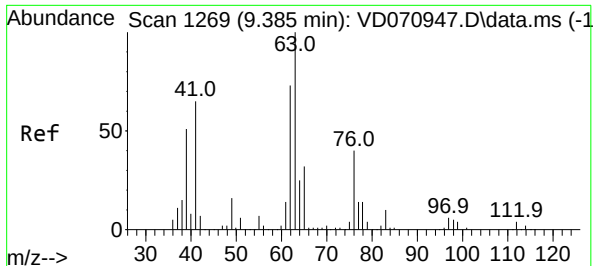
Delta R.T. 0.000 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Tgt Ion:130	Resp: 49542
Ion Ratio	Lower Upper
130	100
95	100.1 0.0 193.2





#45

1,2-Dichloropropane

Concen: 16.597 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBSD01

Tgt Ion: 63 Resp: 4841

Ion Ratio Lower Upper

63 100

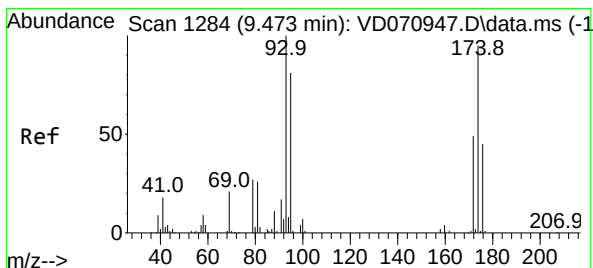
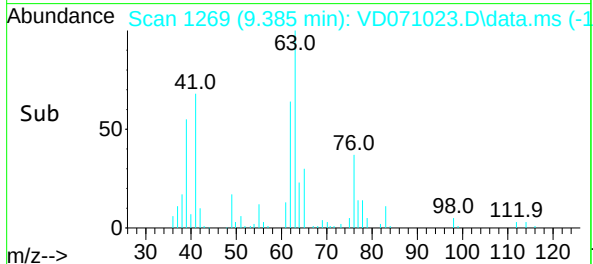
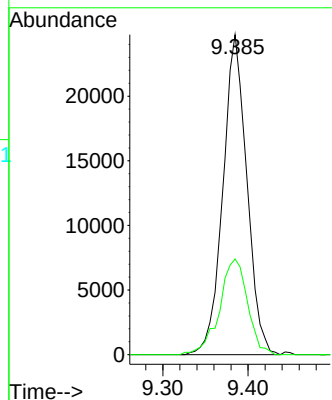
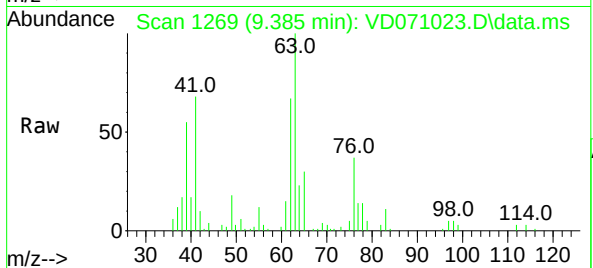
65 29.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 17.823 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

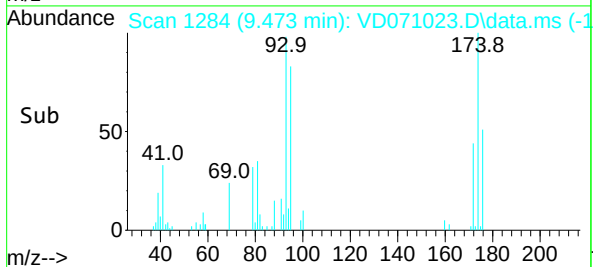
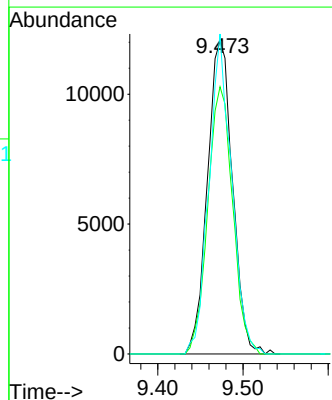
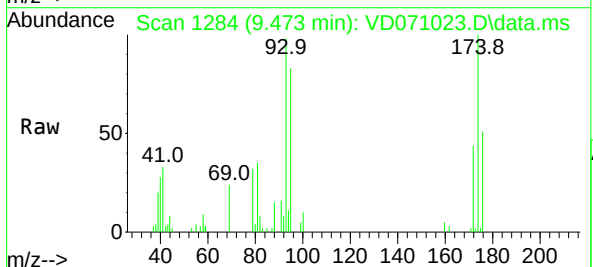
Tgt Ion: 93 Resp: 24749

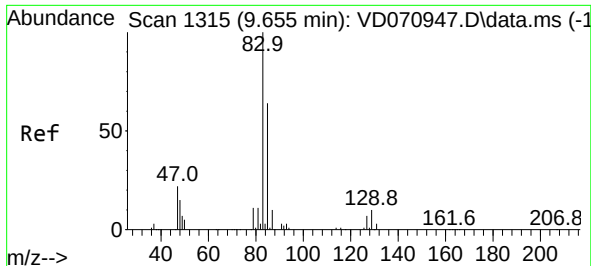
Ion Ratio Lower Upper

93 100

95 84.4 66.1 99.1

174 91.9 78.6 117.8





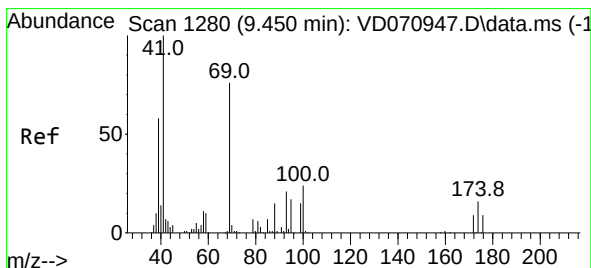
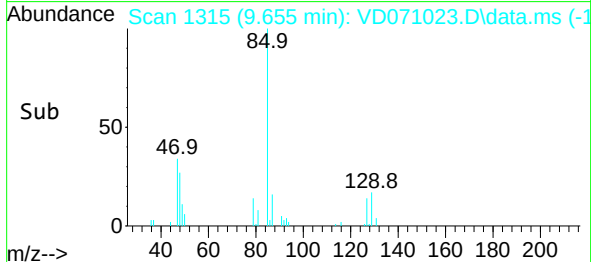
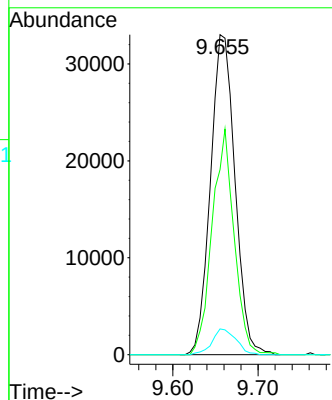
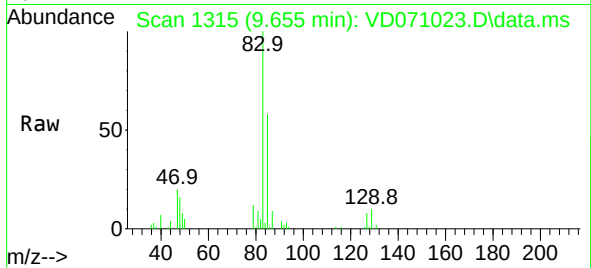
#47
Bromodichloromethane
Concen: 17.959 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

Tgt Ion: 83 Resp: 65959
Ion Ratio Lower Upper
83 100
85 57.8 50.0 75.0
127 8.1 7.3 10.9

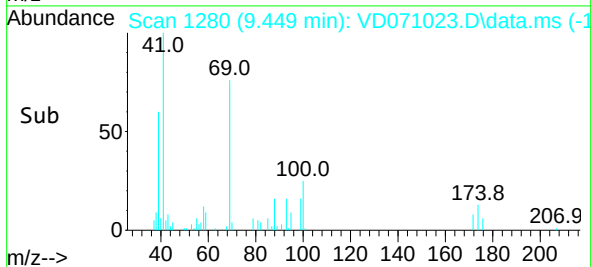
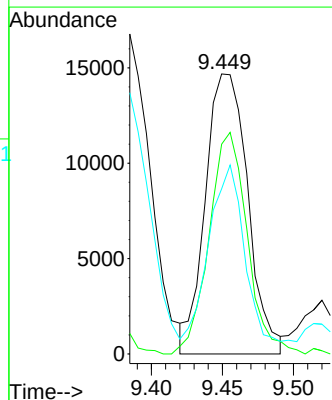
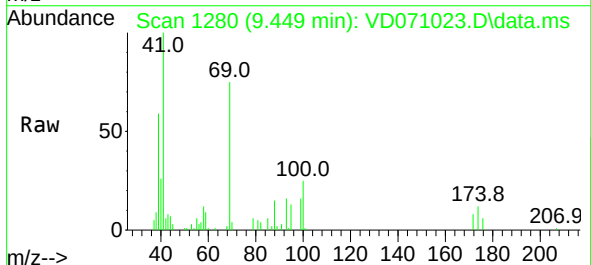
Manual Integrations
APPROVED

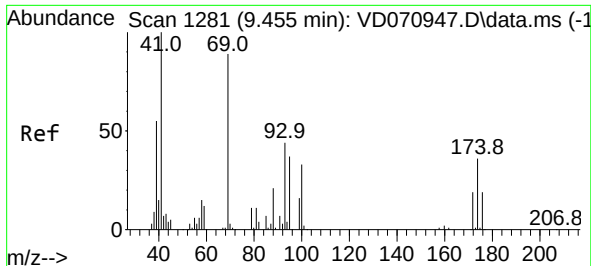
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 16.812 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

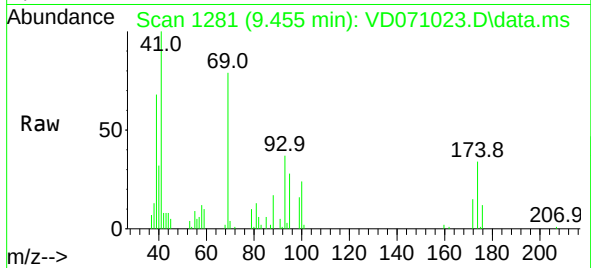
Tgt Ion: 41 Resp: 30502
Ion Ratio Lower Upper
41 100
69 71.3 69.8 104.6
39 52.0 35.6 53.4





#49
1,4-Dioxane
Concen: 343.161 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

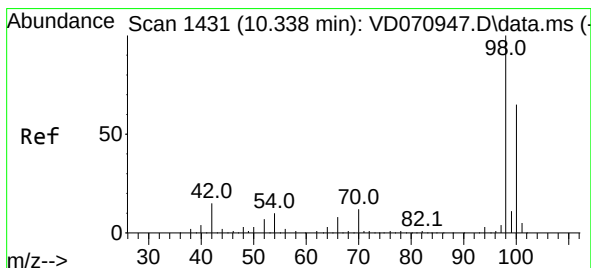
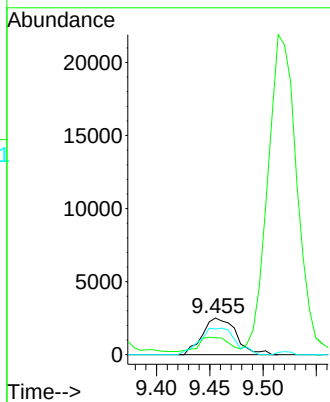
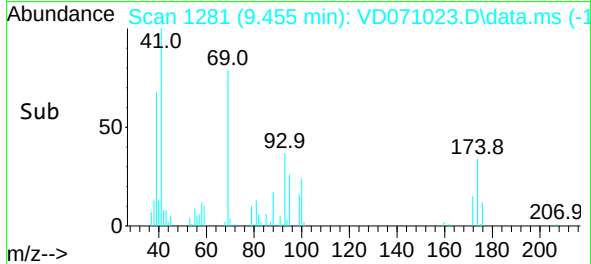
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



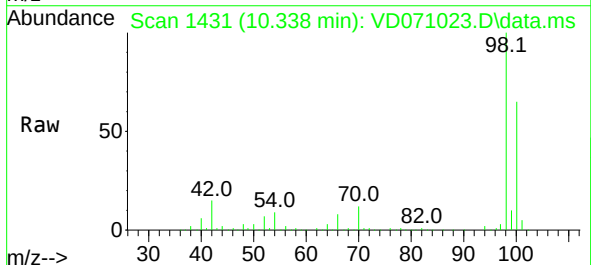
Tgt Ion: 88 Resp: 552
Ion Ratio Lower Upper
88 100
43 41.6 28.9 43.3
58 76.1 56.3 84.5

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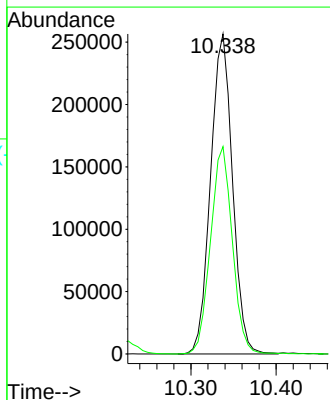
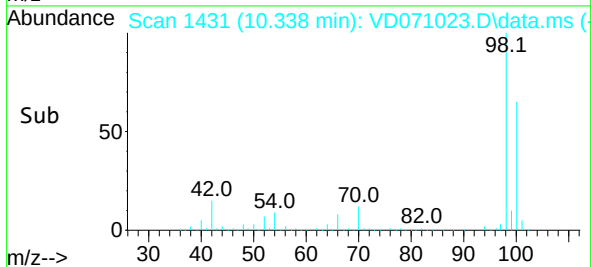
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

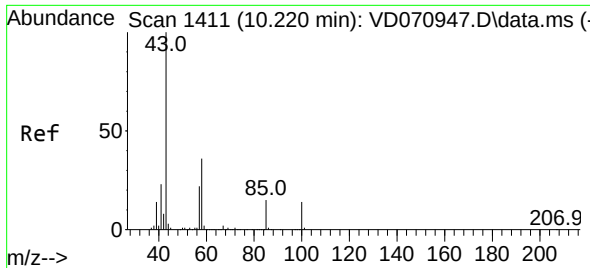


#50
Toluene-d8
Concen: 48.235 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



Tgt Ion: 98 Resp: 457293
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6





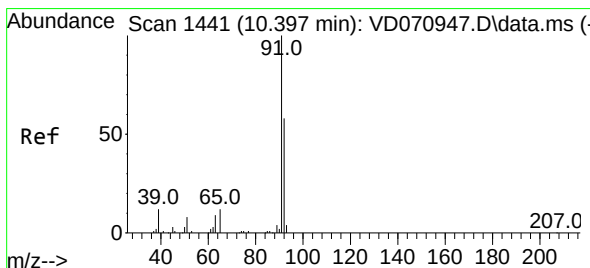
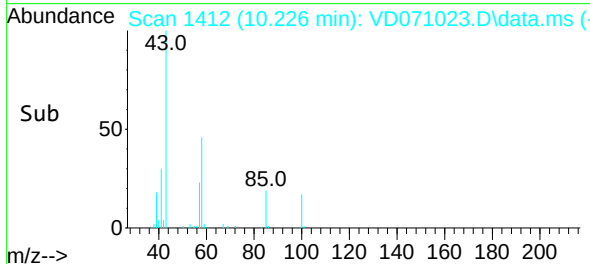
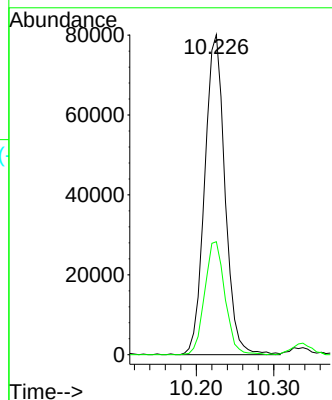
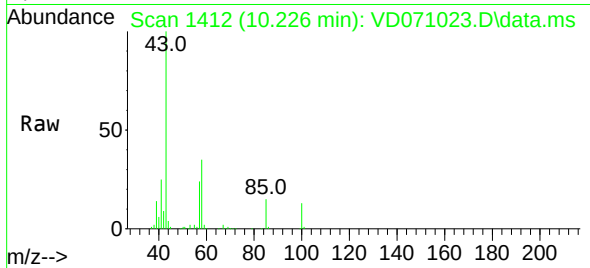
#51
4-Methyl-2-Pentanone
Concen: 81.171 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 43 Resp: 145544
Ion Ratio Lower Upper
43 100
58 35.3 33.1 49.7

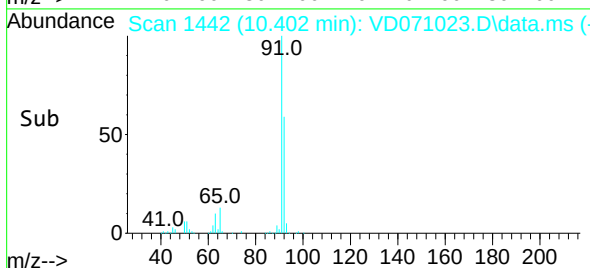
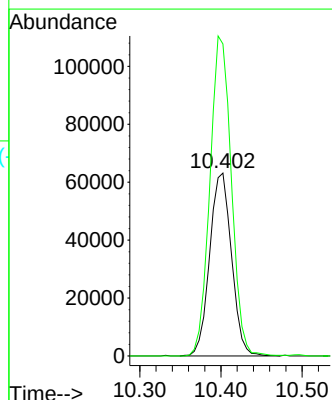
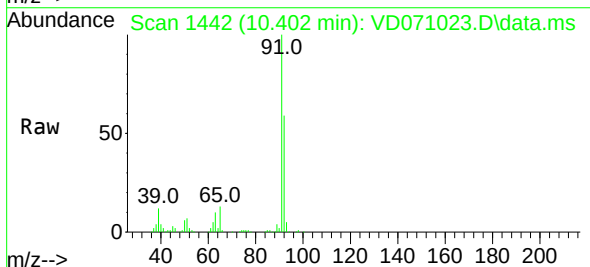
Manual Integrations
APPROVED

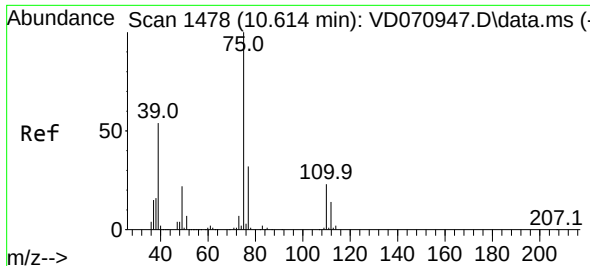
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 17.352 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.005 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

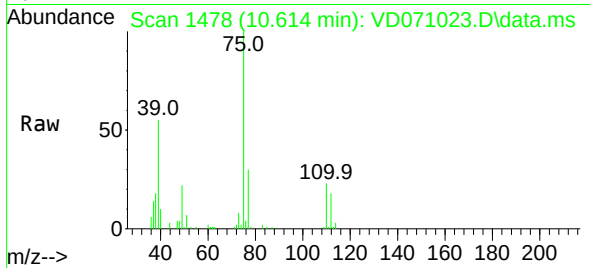
Tgt Ion: 92 Resp: 117992
Ion Ratio Lower Upper
92 100
91 171.9 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 16.729 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

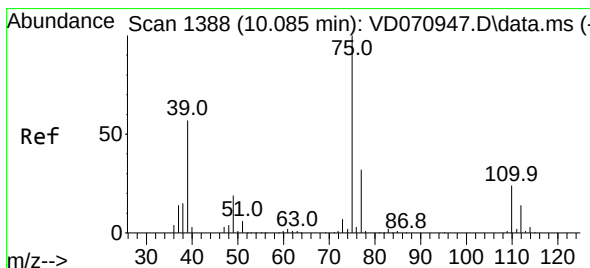
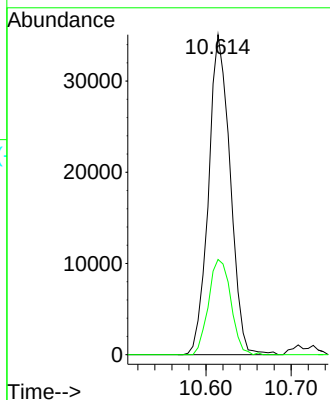
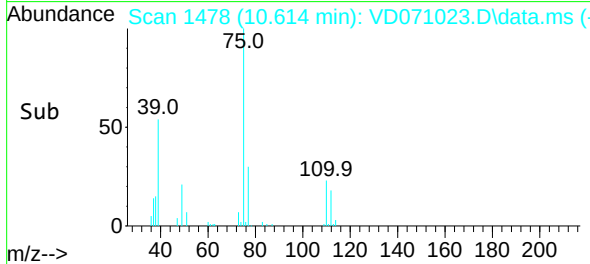
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



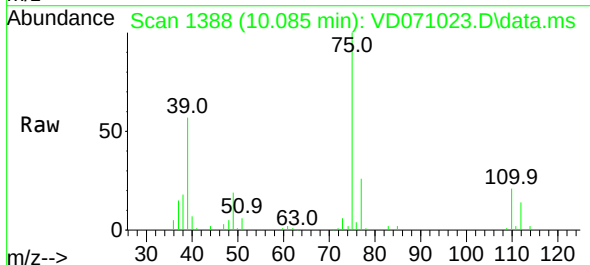
Tgt Ion: 75 Resp: 6196
Ion Ratio Lower Upper
75 100
77 29.7 24.5 36.7

Manual Integrations
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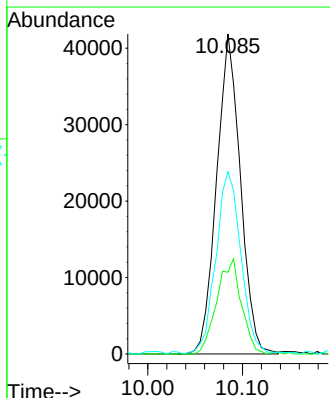
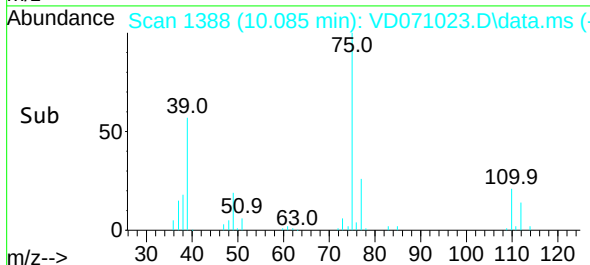
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

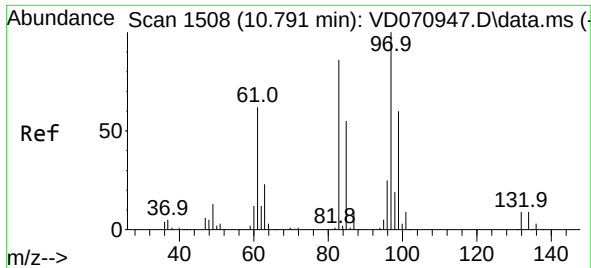


#54
cis-1,3-Dichloropropene
Concen: 16.742 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



Tgt Ion: 75 Resp: 73121
Ion Ratio Lower Upper
75 100
77 25.5 25.0 37.6
39 56.5 31.6 47.4#





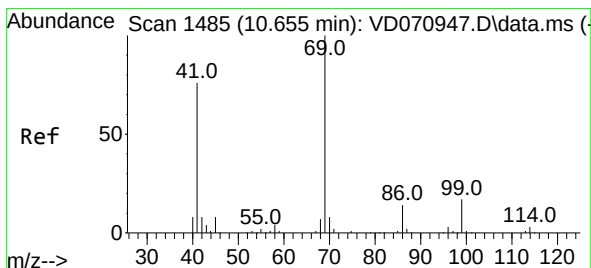
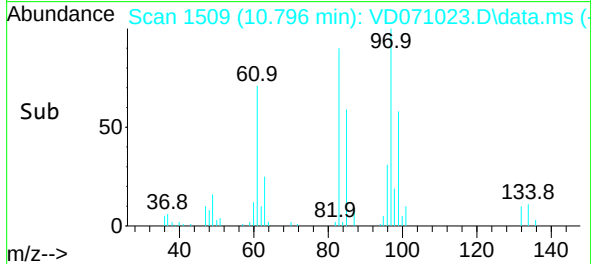
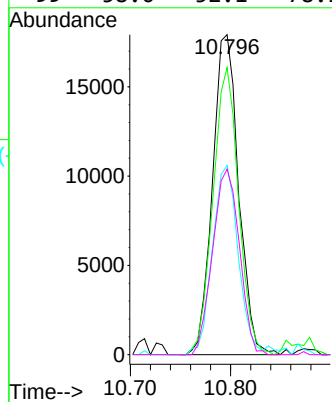
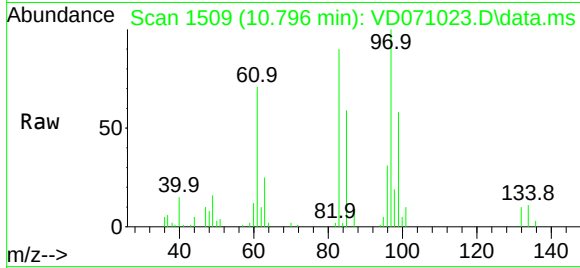
#55
1,1,2-Trichloroethane
Concen: 16.918 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.005 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

Tgt Ion: 97 Resp: 3228
Ion Ratio Lower Upper
97 100
83 89.7 65.2 97.8
85 59.1 43.4 65.0
99 58.0 52.1 78.1

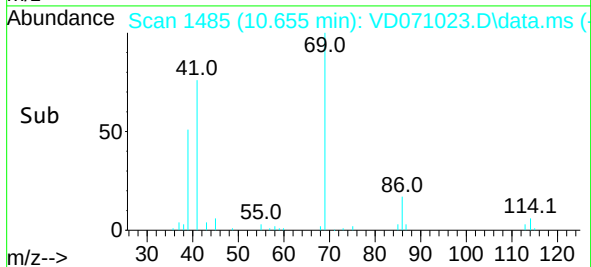
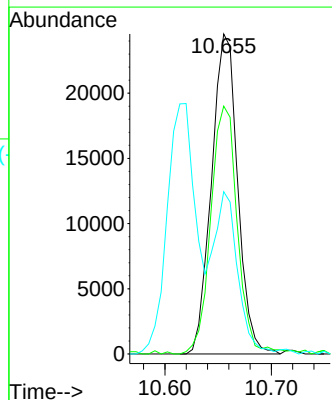
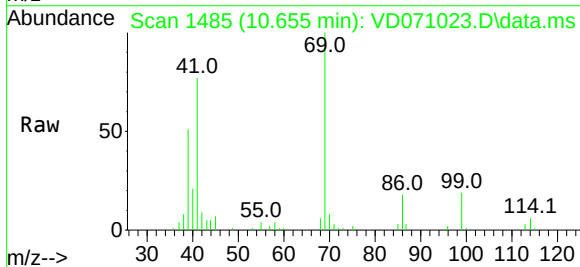
Manual Integrations
APPROVED

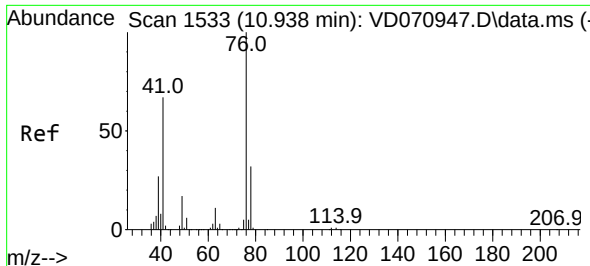
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
Ethyl methacrylate
Concen: 15.490 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion: 69 Resp: 41827
Ion Ratio Lower Upper
69 100
41 79.4 50.2 75.2#
39 45.7 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 17.154 ug/l

RT: 10.943 min Scan# 1534

Delta R.T. 0.005 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBSD01

Tgt Ion: 76 Resp: 5945

Ion Ratio Lower Upper

76 100

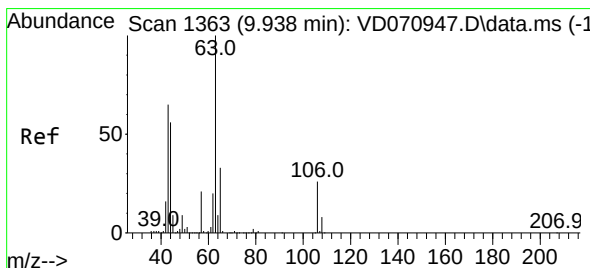
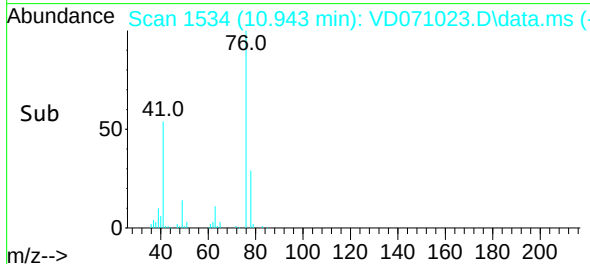
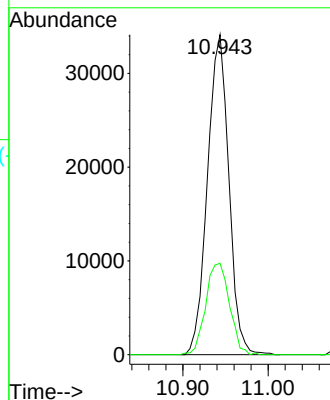
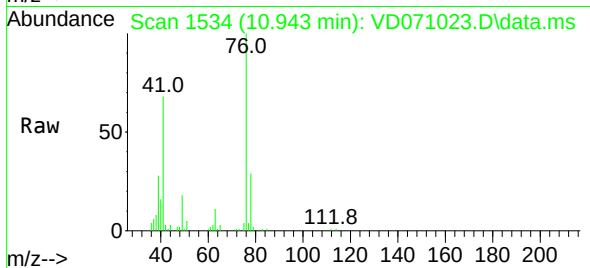
78 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 97.983 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071023.D

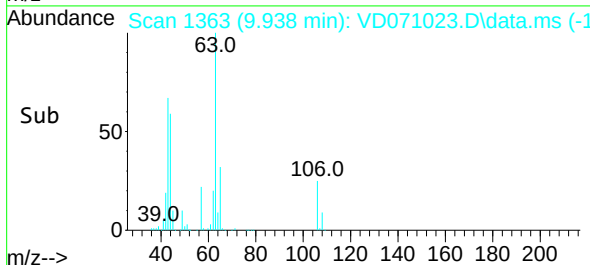
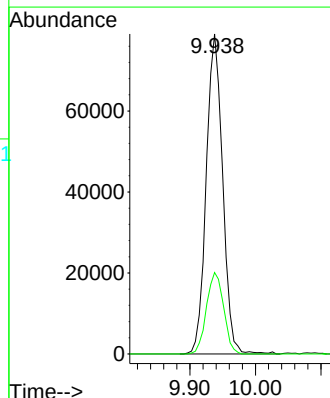
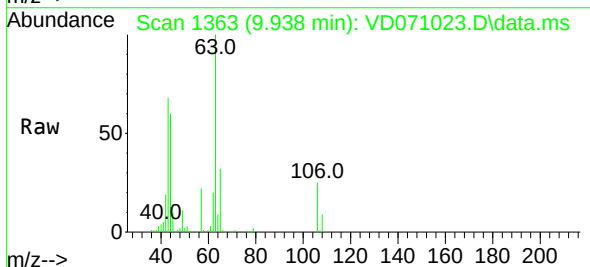
Acq: 15 Nov 2021 12:29

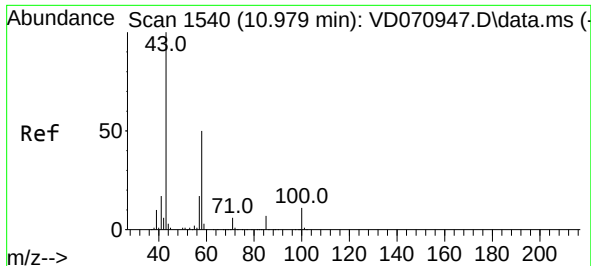
Tgt Ion: 63 Resp: 137549

Ion Ratio Lower Upper

63 100

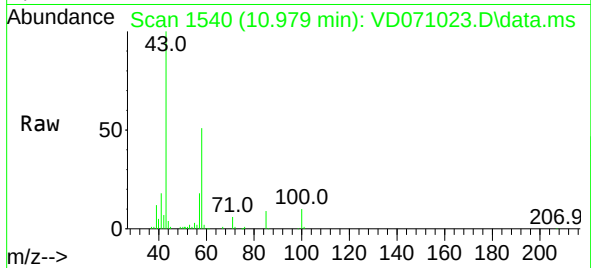
106 26.6 21.0 31.4





#59
2-Hexanone
Concen: 84.117 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

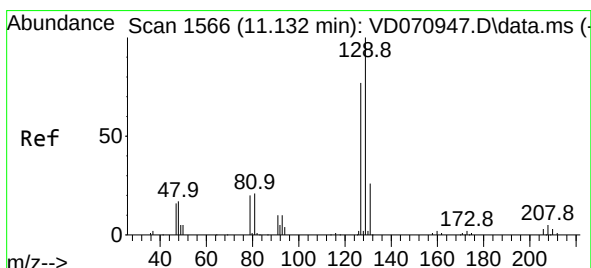
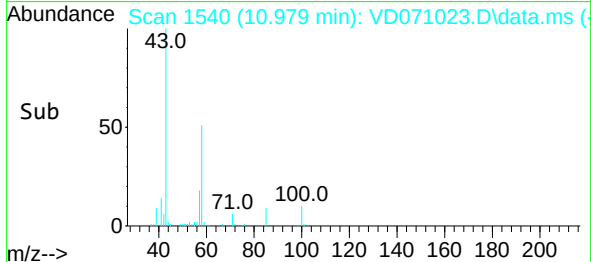
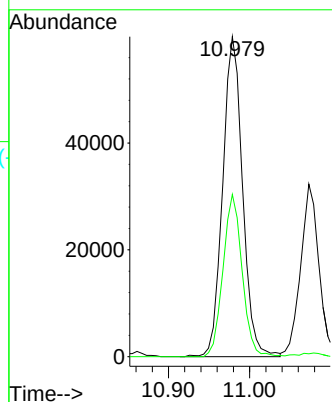
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



Tgt Ion: 43 Resp: 102110
Ion Ratio Lower Upper
43 100
58 48.6 28.7 86.1

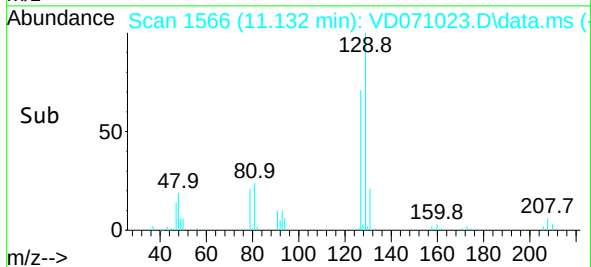
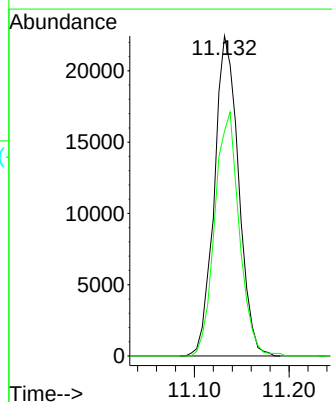
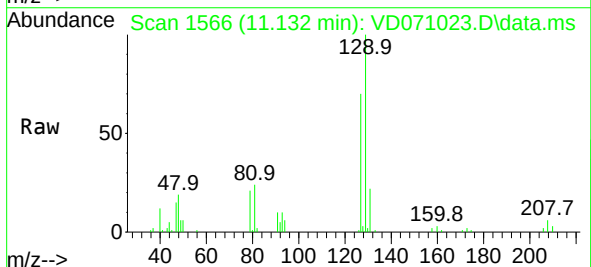
Manual Integrations
APPROVED

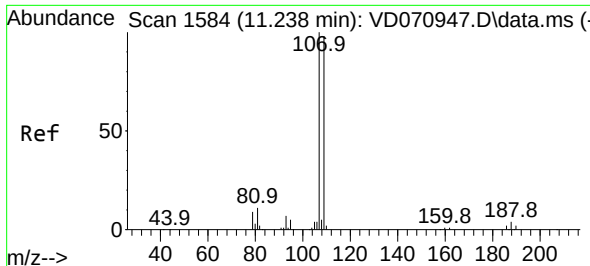
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 17.441 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion:129 Resp: 39932
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





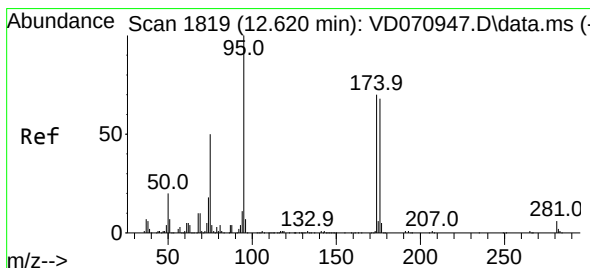
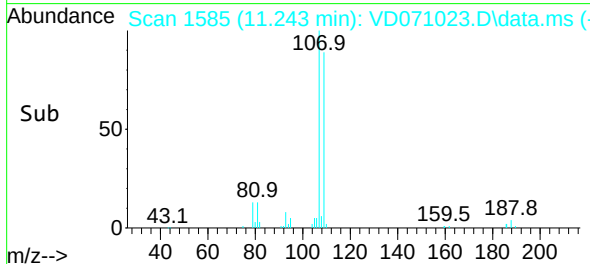
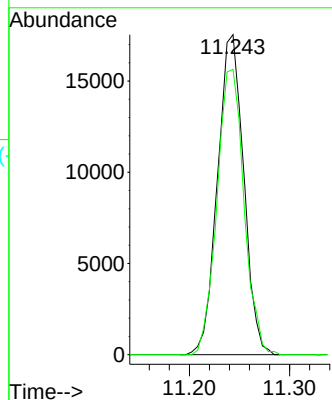
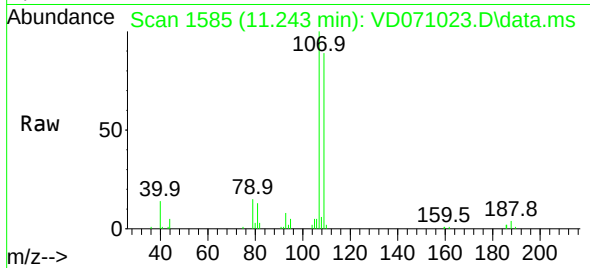
#61
1,2-Dibromoethane
Concen: 17.130 ug/l
RT: 11.243 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion:107 Resp: 31800
Ion Ratio Lower Upper
107 100
109 91.9 74.6 112.0

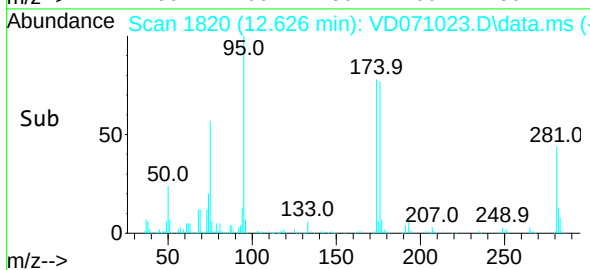
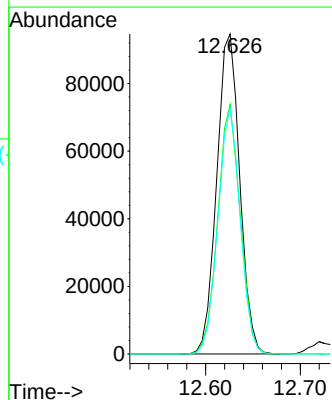
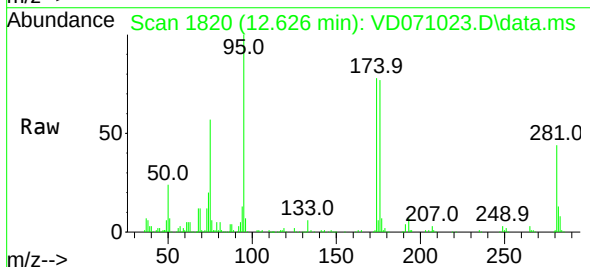
Manual Integrations
APPROVED

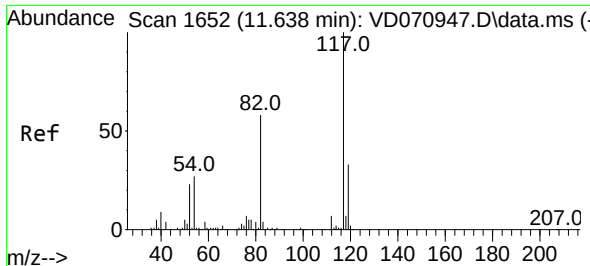
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
4-Bromofluorobenzene
Concen: 46.800 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

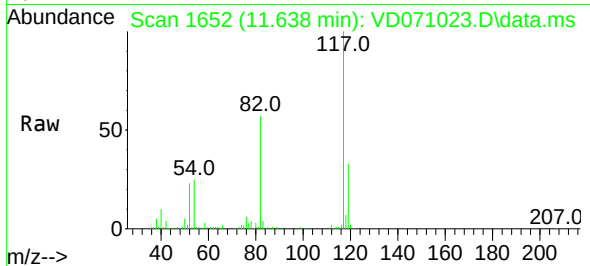
Tgt Ion: 95 Resp: 159755
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 74.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

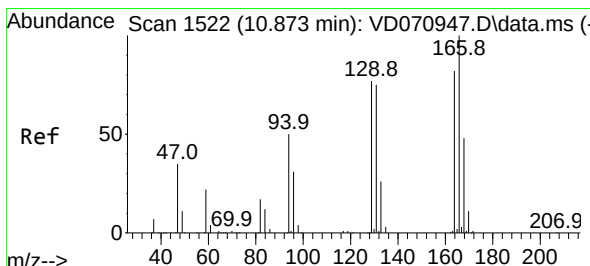
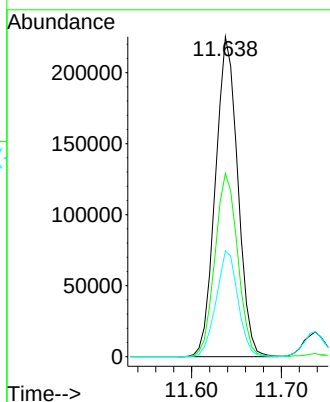
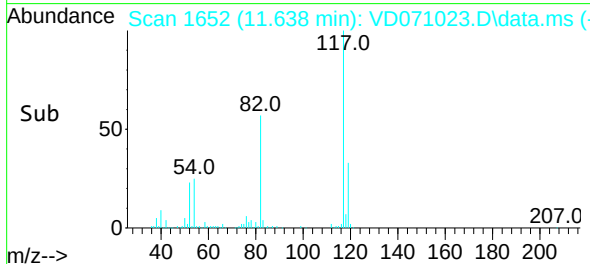
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



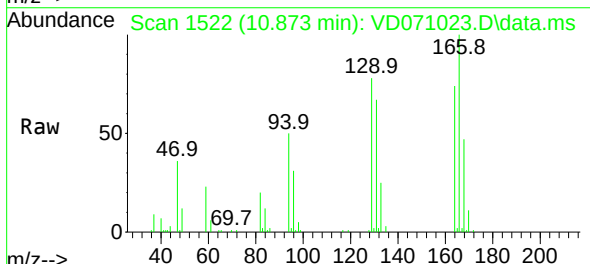
Tgt Ion:117 Resp: 390014
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 33.1 26.2 39.4

Manual Integrations
APPROVED

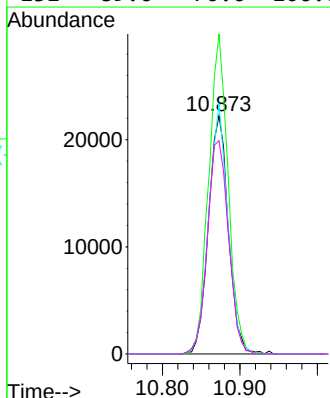
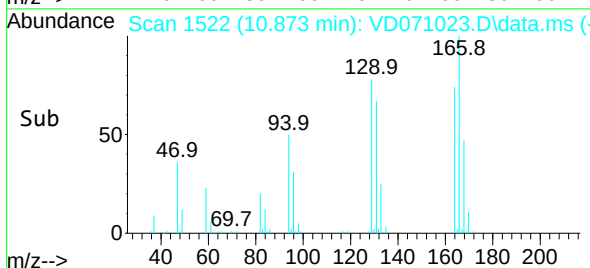
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

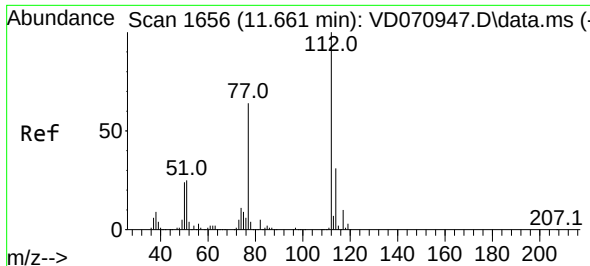


#64
Tetrachloroethene
Concen: 17.480 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



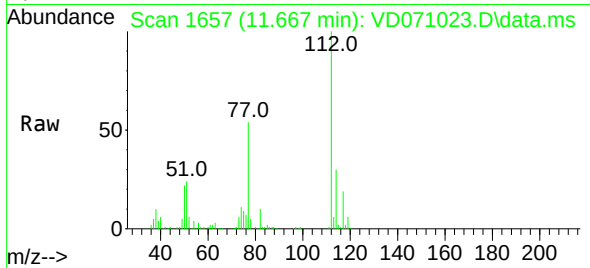
Tgt Ion:164 Resp: 39754
Ion Ratio Lower Upper
164 100
166 134.4 102.6 153.8
129 105.2 75.4 113.0
131 89.6 70.6 106.0





#65
Chlorobenzene
Concen: 17.610 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

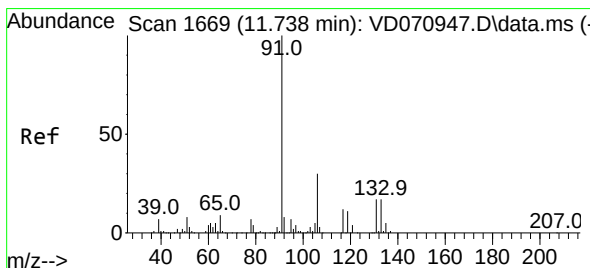
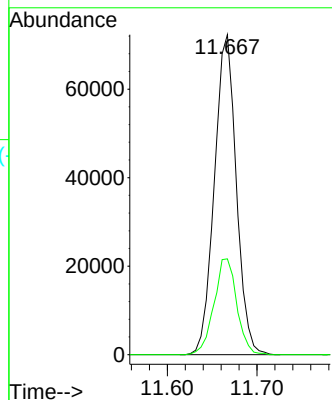
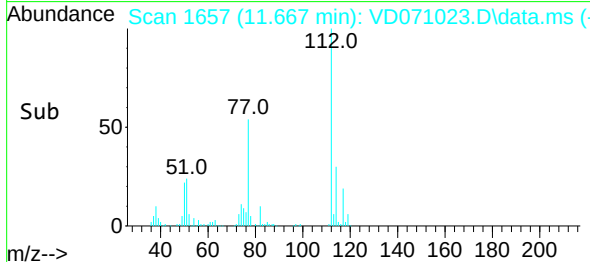
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



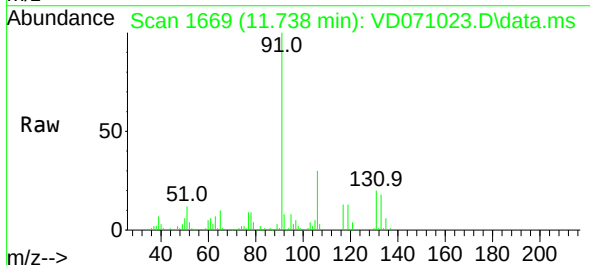
Tgt Ion:112 Resp: 12254
Ion Ratio Lower Upper
112 100
114 29.9 26.0 39.0

Manual Integrations
APPROVED

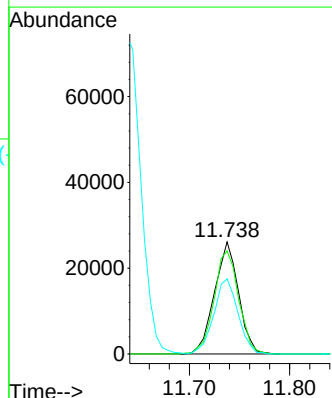
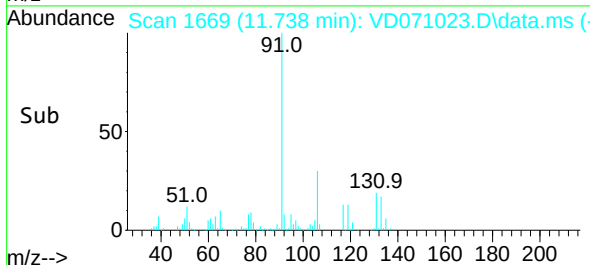
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

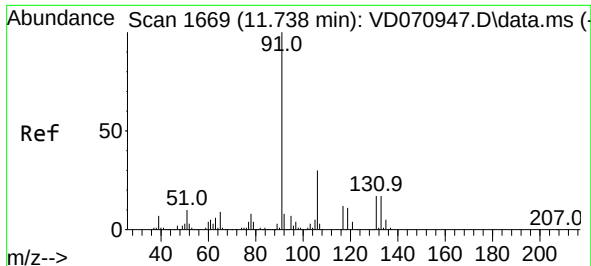


#66
1,1,1,2-Tetrachloroethane
Concen: 17.574 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



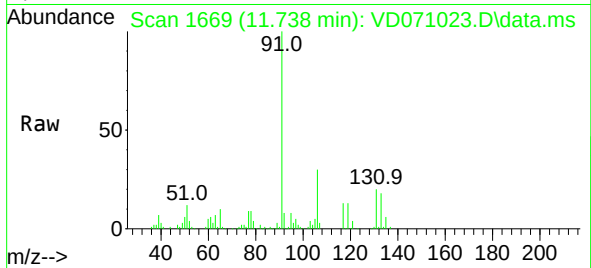
Tgt Ion:131 Resp: 43405
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 67.7 33.5 100.4





#67
Ethyl Benzene
Concen: 16.797 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

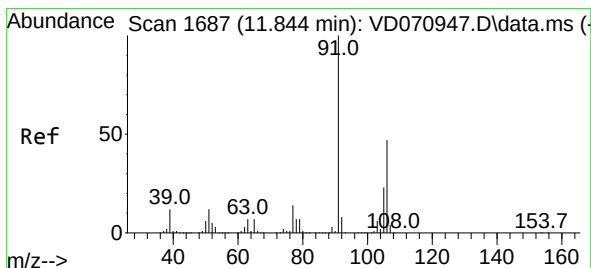
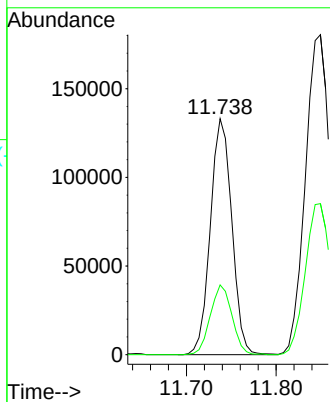
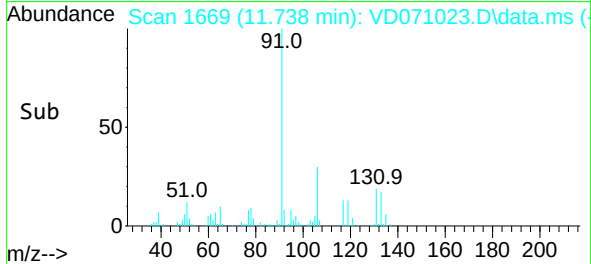
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



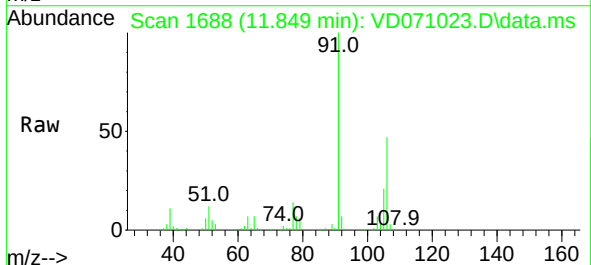
Tgt Ion: 91 Resp: 221352
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8

Manual Integrations
APPROVED

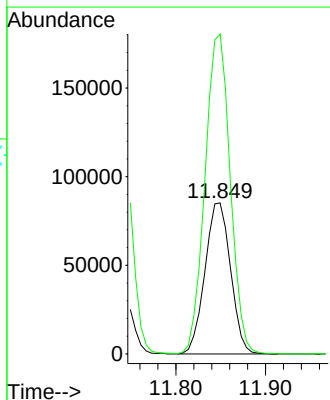
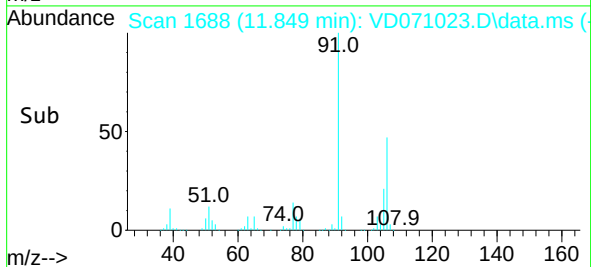
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

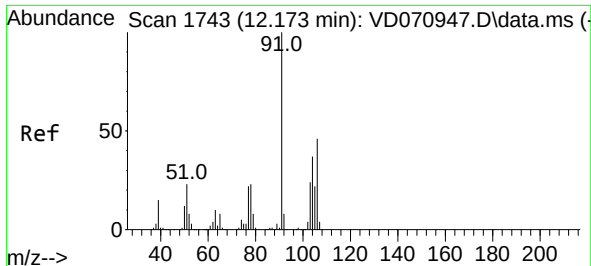


#68
m/p-Xylenes
Concen: 34.272 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.005 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



Tgt Ion:106 Resp: 168800
Ion Ratio Lower Upper
106 100
91 208.7 160.1 240.1





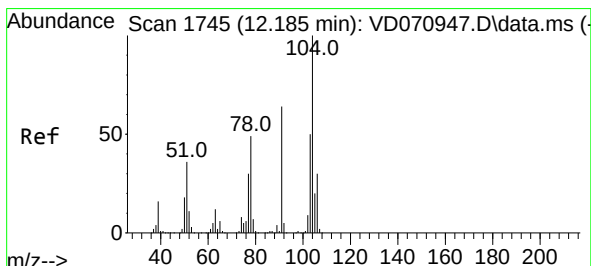
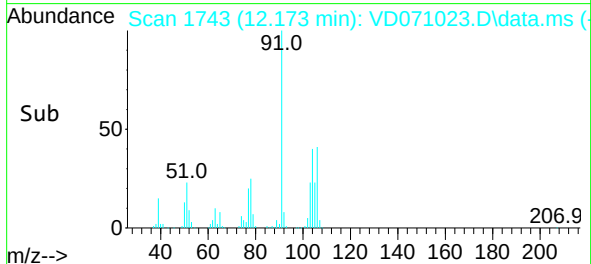
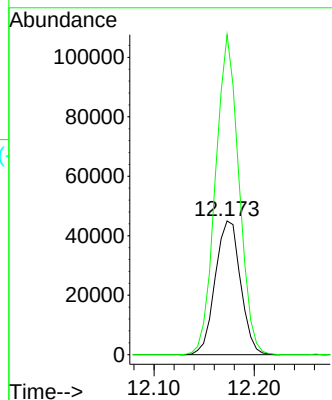
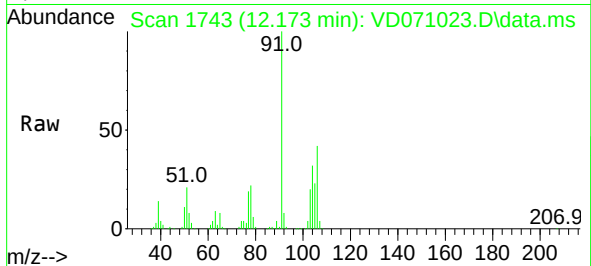
#69
o-Xylene
Concen: 16.814 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01

Tgt Ion:106 Resp: 7877
Ion Ratio Lower Upper
106 100
91 221.8 106.3 319.0

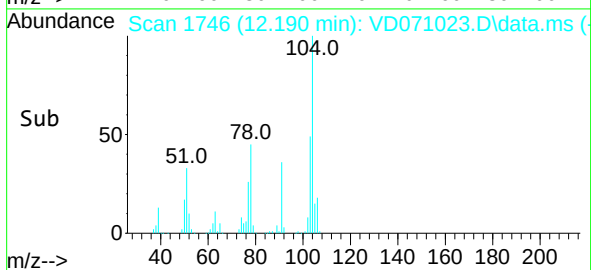
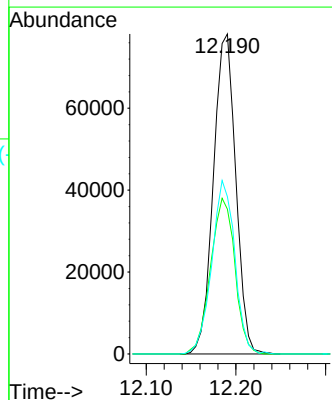
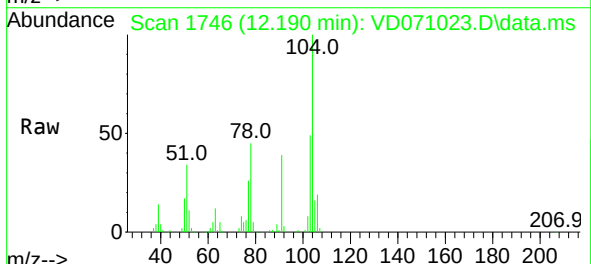
Manual Integrations
APPROVED

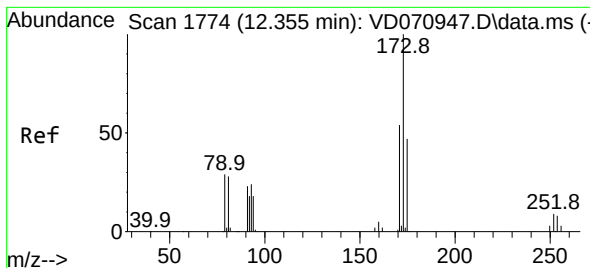
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 17.035 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.005 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion:104 Resp: 135127
Ion Ratio Lower Upper
104 100
78 52.9 39.4 59.0
103 56.0 43.4 65.0





#71

Bromoform

Concen: 16.633 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

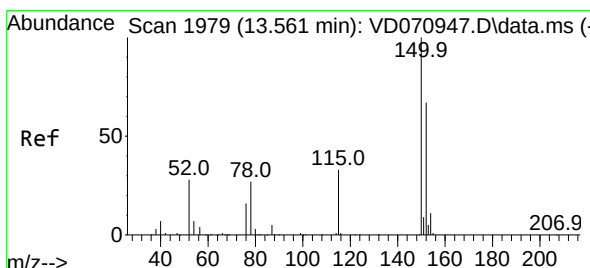
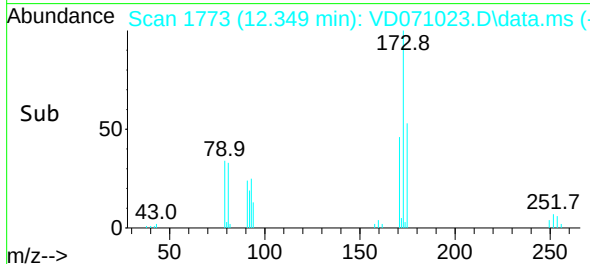
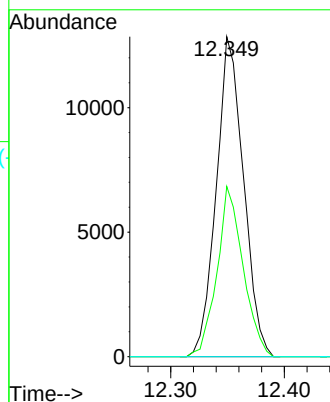
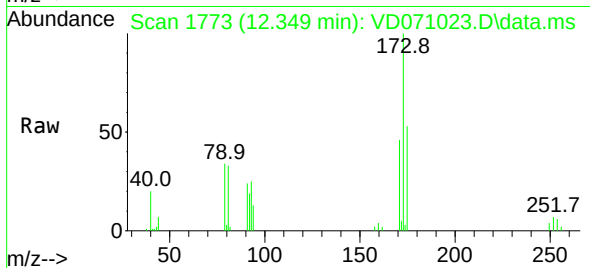
Tgt Ion:173	Resp:	2142
Ion Ratio	Lower	Upper
173	100	
175	50.9	24.1 72.2
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

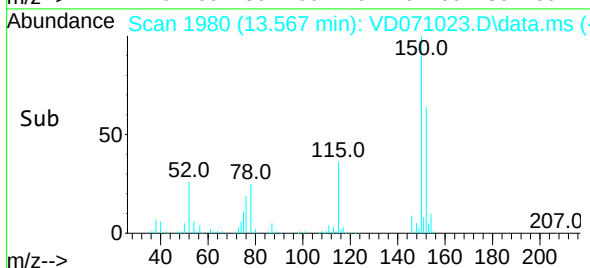
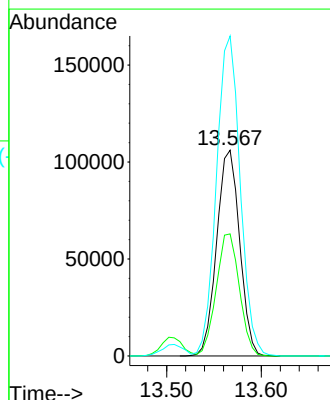
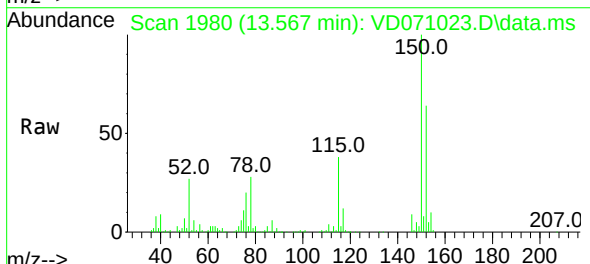
RT: 13.567 min Scan# 1980

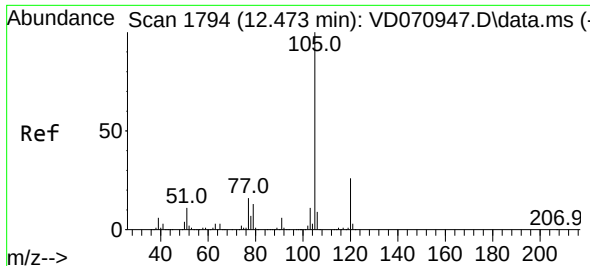
Delta R.T. 0.006 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

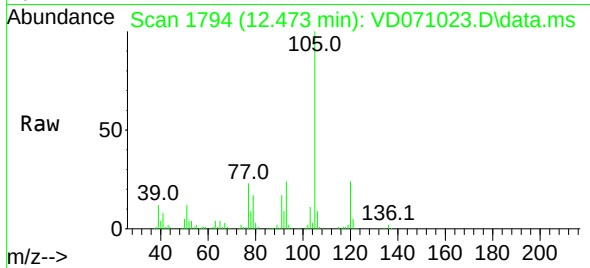
Tgt Ion:152	Resp:	178774
Ion Ratio	Lower	Upper
152	100	
115	60.0	29.8 89.3
150	160.8	0.0 349.2





#73
Isopropylbenzene
Concen: 17.263 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

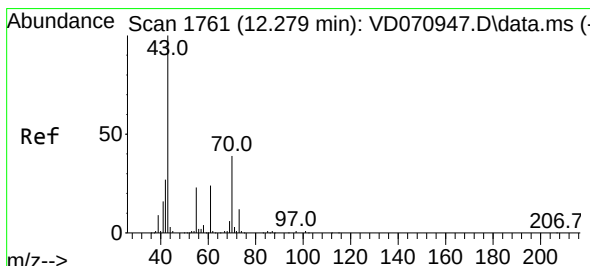
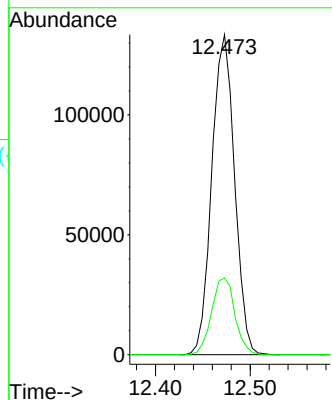
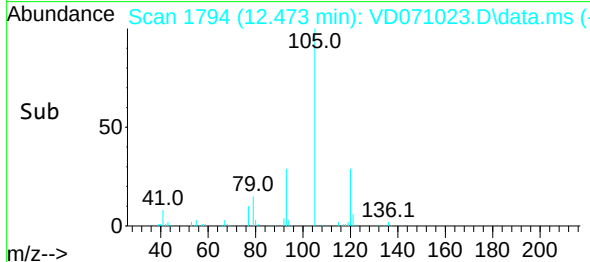
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



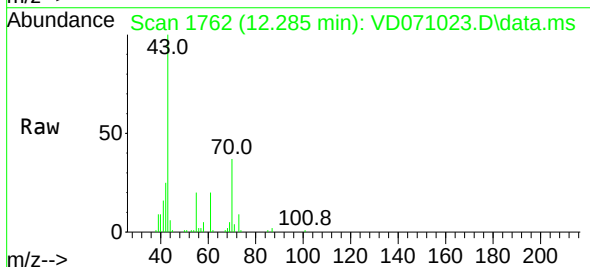
Tgt Ion:105 Resp: 22233
Ion Ratio Lower Upper
105 100
120 24.6 13.2 39.5

Manual Integrations
APPROVED

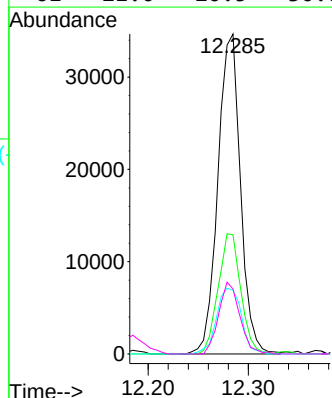
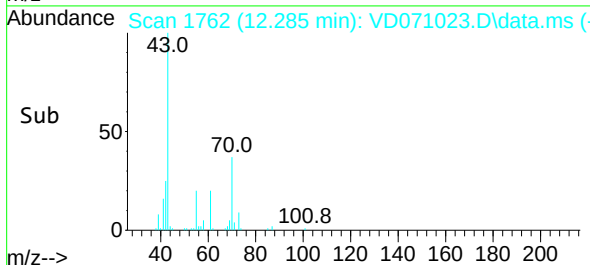
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

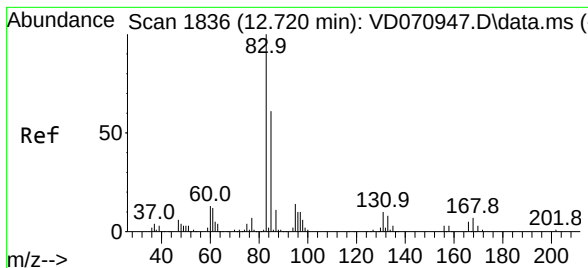


#74
N-ethyl acetate
Concen: 14.728 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



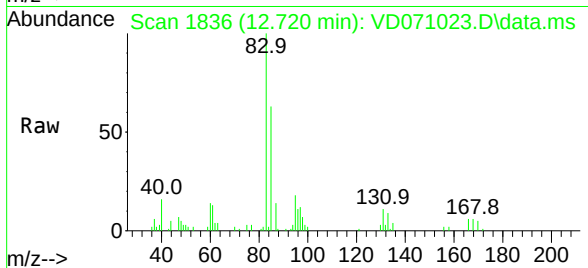
Tgt Ion: 43 Resp: 54190
Ion Ratio Lower Upper
43 100
70 37.6 36.6 55.0
55 22.5 22.5 33.7
61 21.0 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 15.798 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

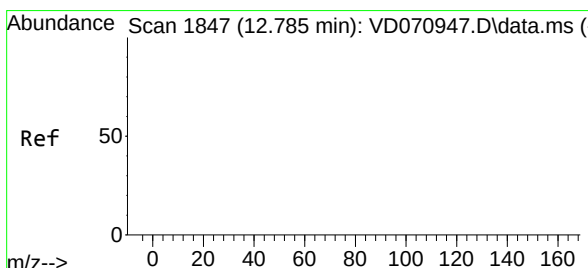
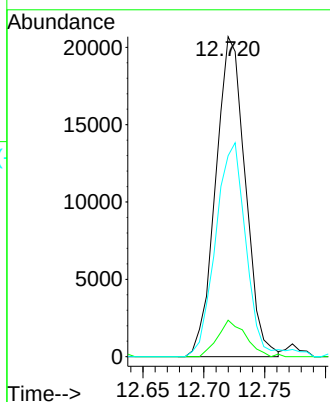
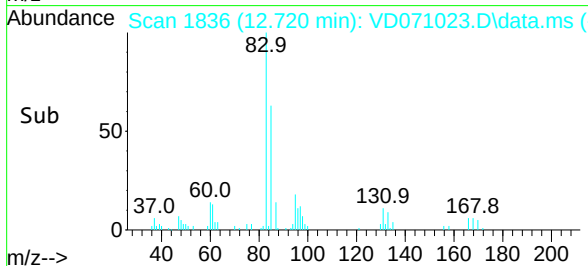
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



Tgt Ion: 83 Resp: 3502
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.7
85 69.3 32.0 96.2

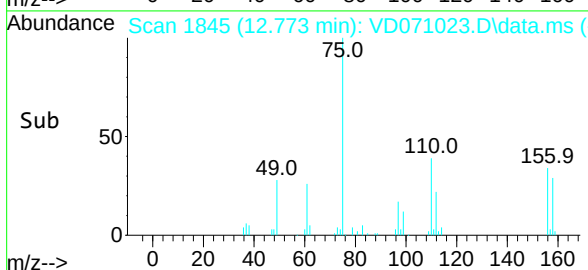
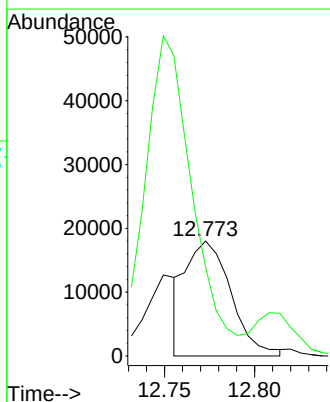
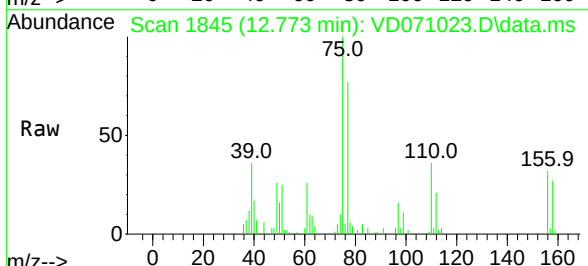
Manual Integrations
APPROVED

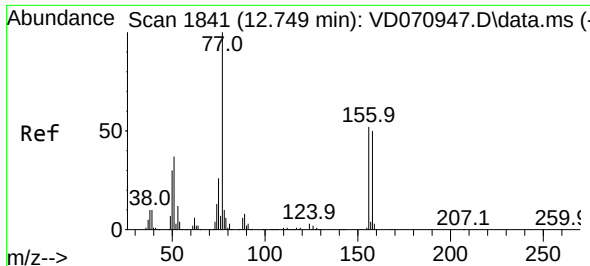
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 20.572 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.012 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

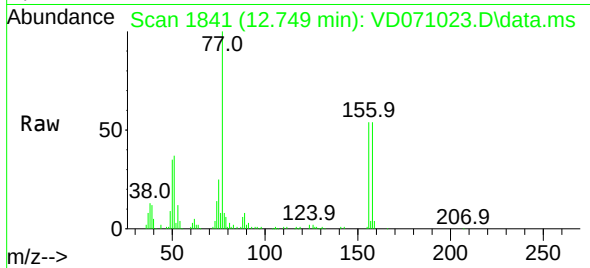
Tgt Ion: 75 Resp: 31416
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 17.352 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

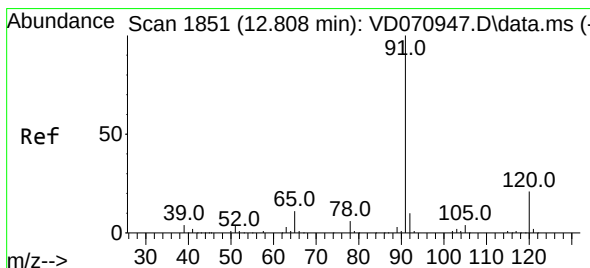
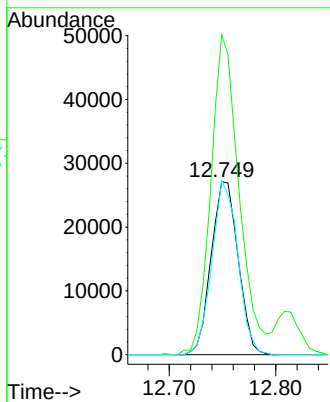
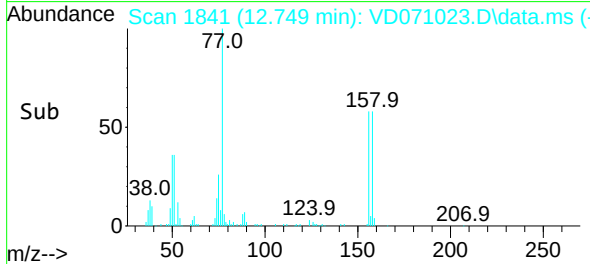
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



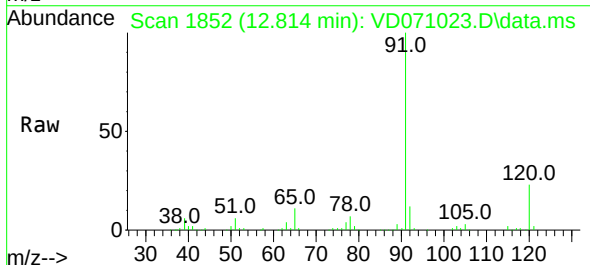
Tgt Ion:156 Resp: 47748
Ion Ratio Lower Upper
156 100
77 192.6 96.6 289.8
158 96.6 49.1 147.4

Manual Integrations
APPROVED

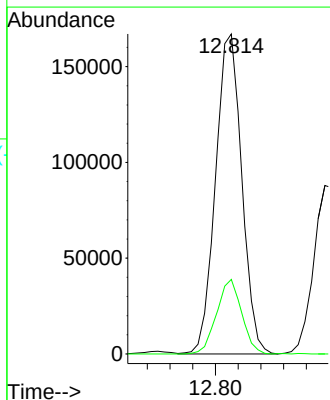
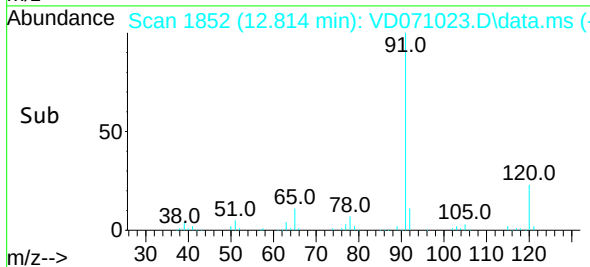
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

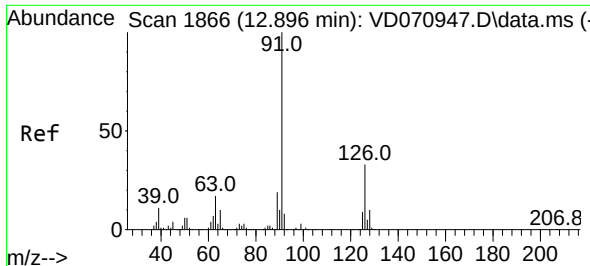


#78
n-propylbenzene
Concen: 16.799 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



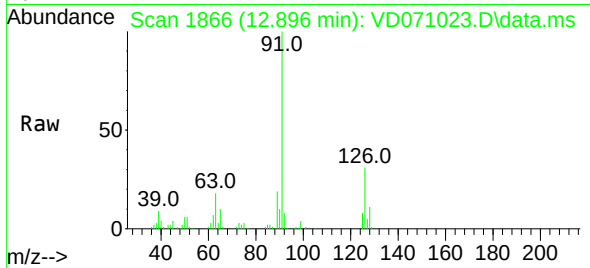
Tgt Ion: 91 Resp: 268092
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





#79
2-Chlorotoluene
Concen: 16.612 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

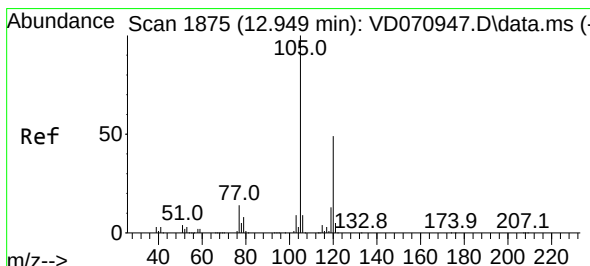
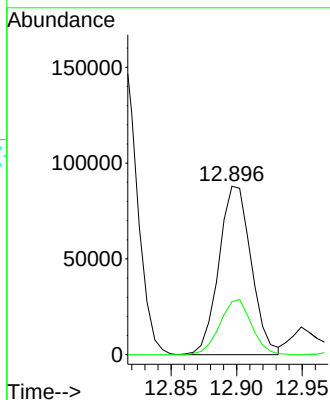
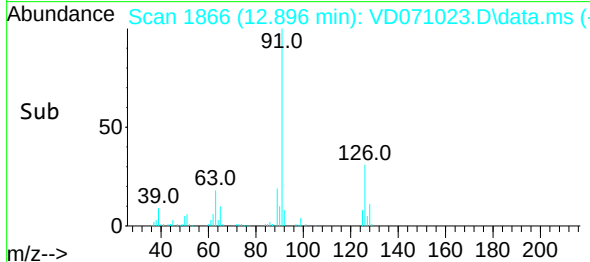
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



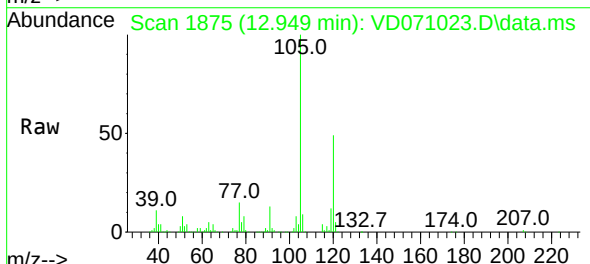
Tgt Ion: 91 Resp: 151156
Ion Ratio Lower Upper
91 100
126 32.0 16.6 49.7

Manual Integrations
APPROVED

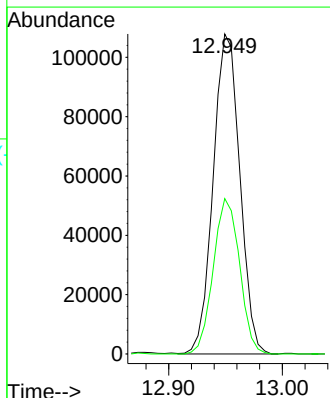
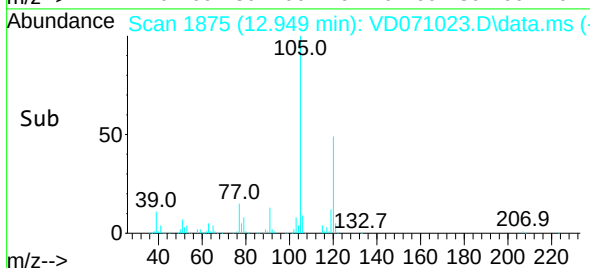
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

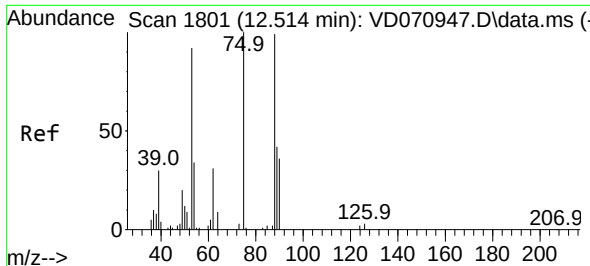


#80
1,3,5-Trimethylbenzene
Concen: 16.582 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



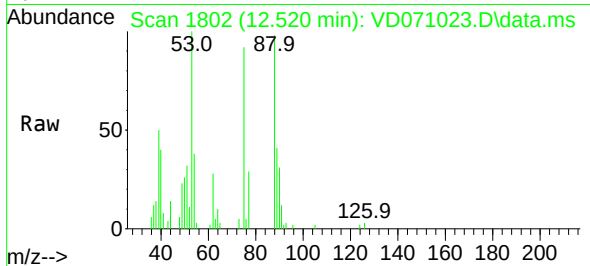
Tgt Ion:105 Resp: 175838
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.691 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

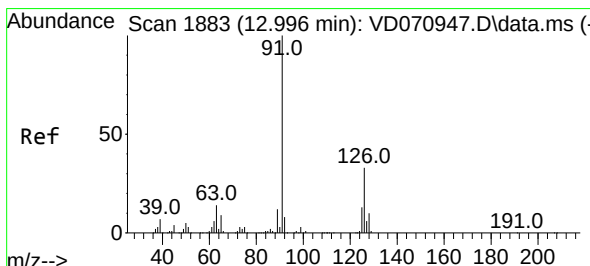
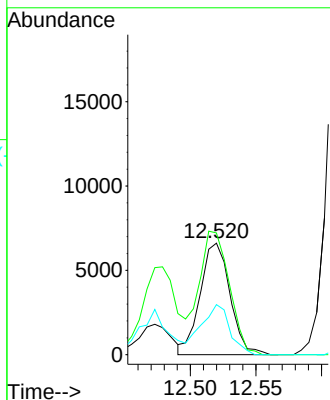
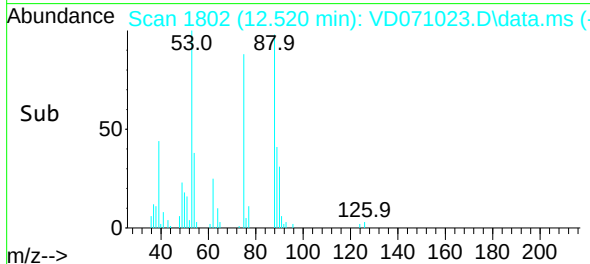
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion: 75 Resp: 10483
Ion Ratio Lower Upper
75 100
53 111.5 62.6 94.0
89 42.9 34.5 51.7

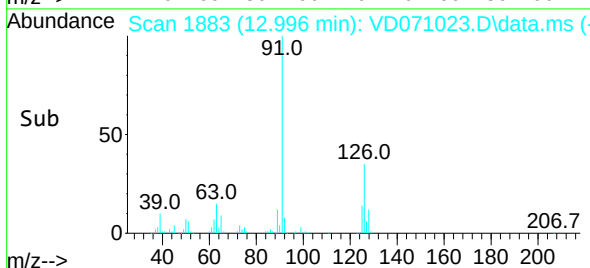
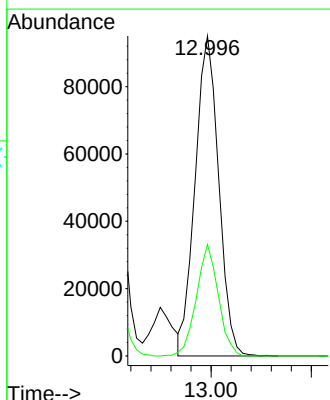
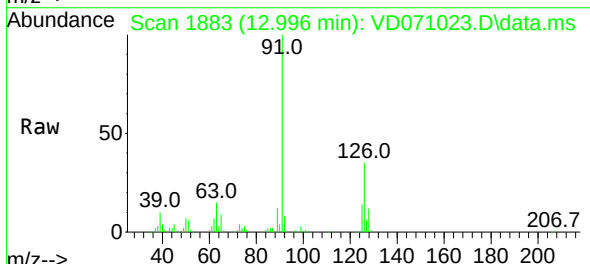
Manual Integrations
APPROVED

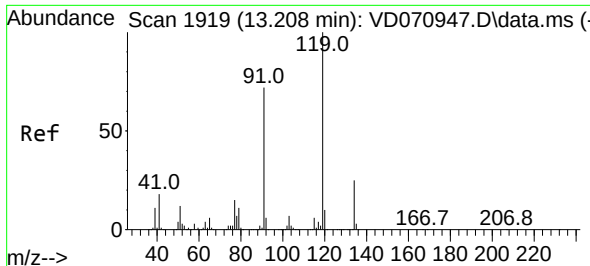
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 16.506 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

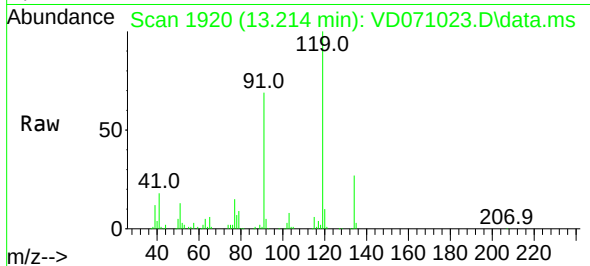
Tgt Ion: 91 Resp: 155003
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.1





#83
tert-Butylbenzene
Concen: 16.520 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

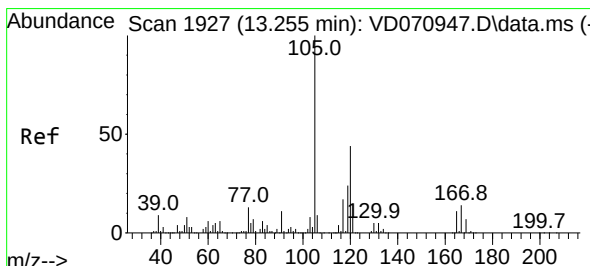
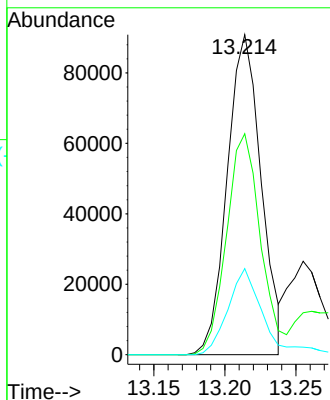
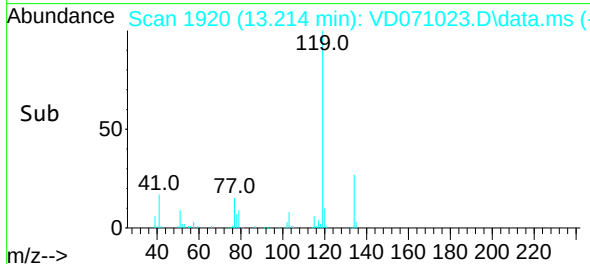
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



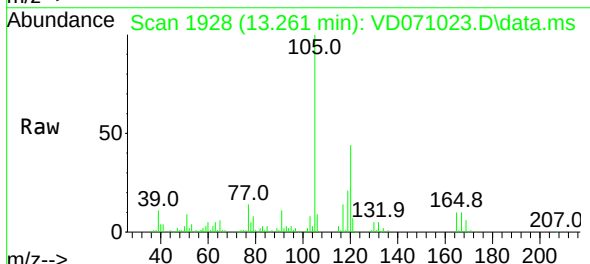
Tgt Ion:119 Resp: 150909
Ion Ratio Lower Upper
119 100
91 69.4 32.5 97.5
134 28.0 13.2 39.6

Manual Integrations
APPROVED

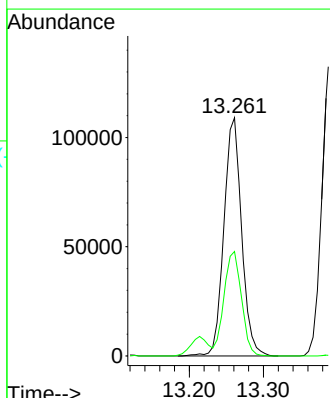
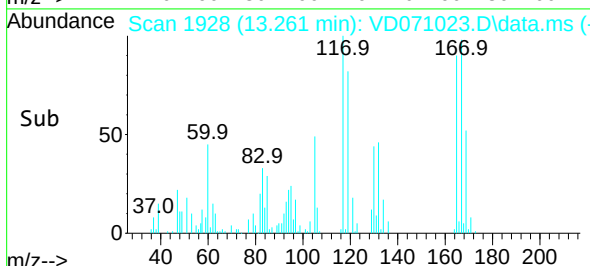
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

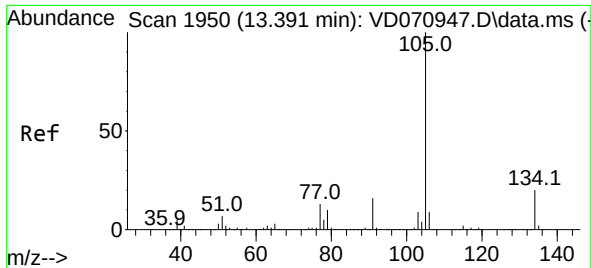


#84
1,2,4-Trimethylbenzene
Concen: 17.423 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



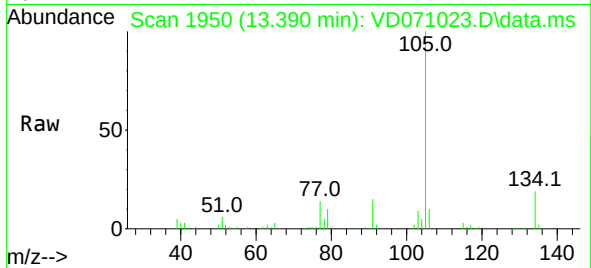
Tgt Ion:105 Resp: 180938
Ion Ratio Lower Upper
105 100
120 43.3 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 16.784 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071023.D
 Acq: 15 Nov 2021 12:29

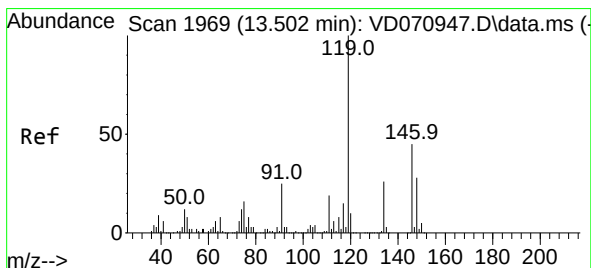
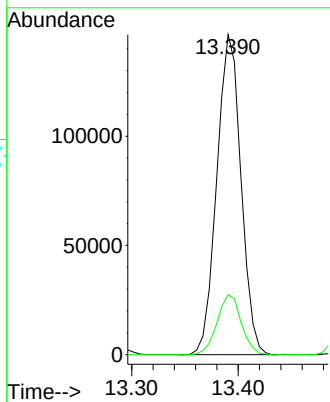
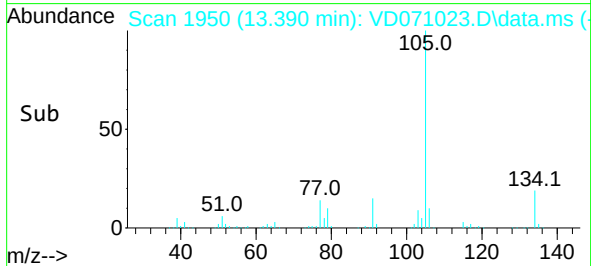
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01



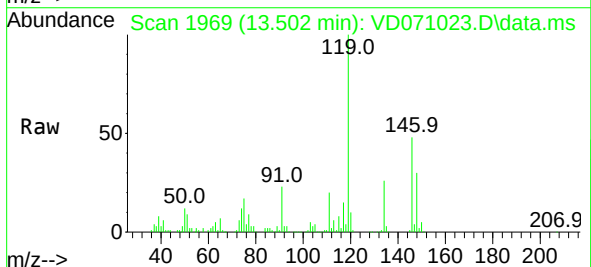
Tgt Ion:105 Resp: 230500
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 28.9

Manual Integrations
 APPROVED

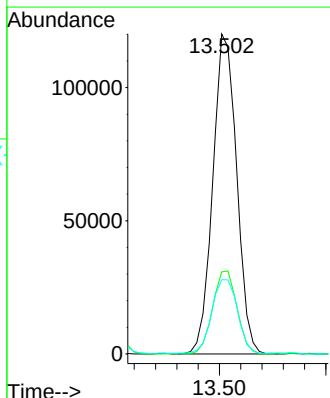
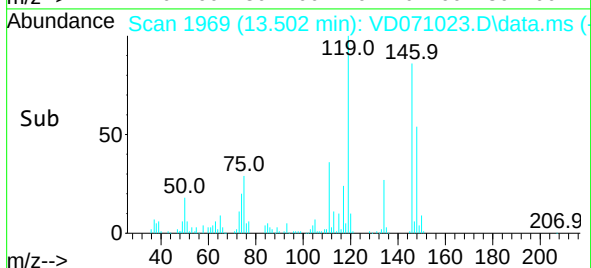
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

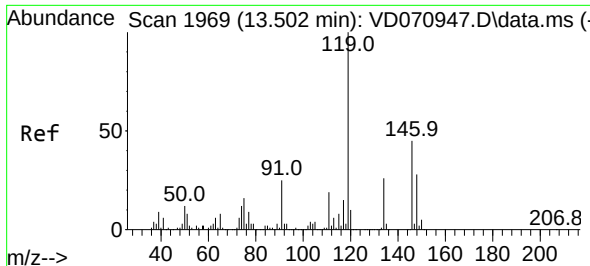


#86
 p-Isopropyltoluene
 Concen: 16.941 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071023.D
 Acq: 15 Nov 2021 12:29



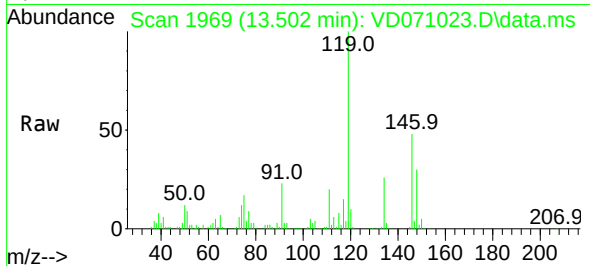
Tgt Ion:119 Resp: 186813
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 25.6 11.4 34.2





#87
 1,3-Dichlorobenzene
 Concen: 17.500 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071023.D
 Acq: 15 Nov 2021 12:29

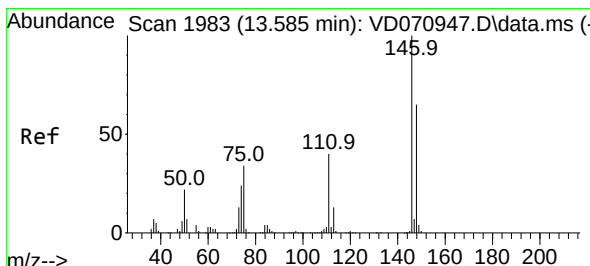
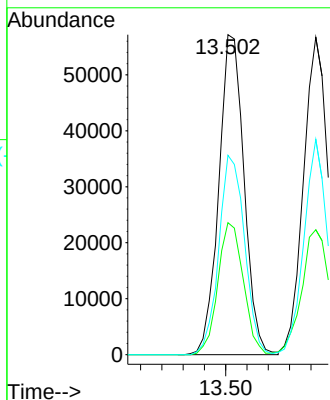
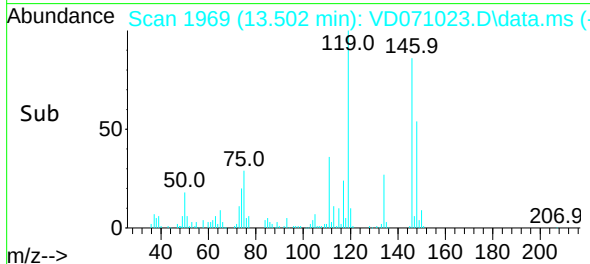
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01



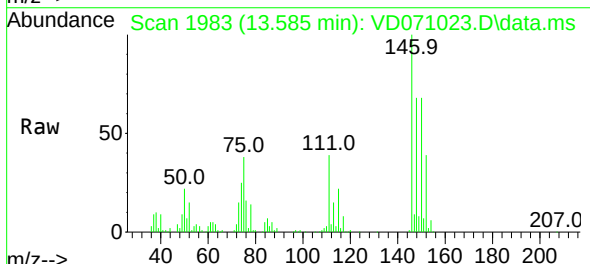
Tgt Ion:146 Resp: 94154
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.8 59.4
 148 63.5 32.1 96.3

Manual Integrations
 APPROVED

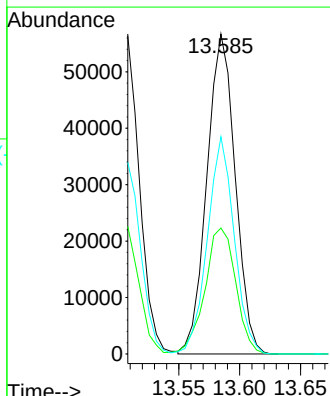
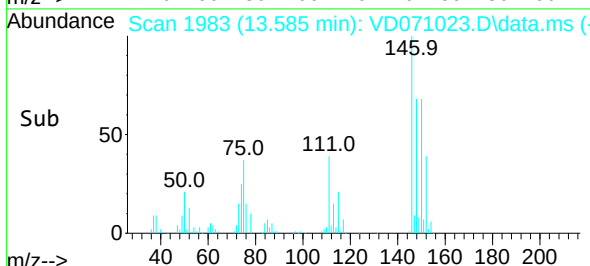
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

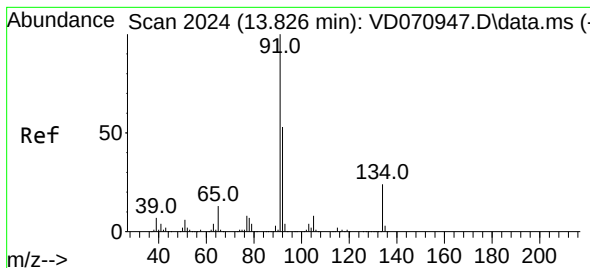


#88
 1,4-Dichlorobenzene
 Concen: 17.086 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD071023.D
 Acq: 15 Nov 2021 12:29



Tgt Ion:146 Resp: 92041
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.6 58.8
 148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 16.948 ug/l

RT: 13.832 min Scan# 2024

Delta R.T. 0.006 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

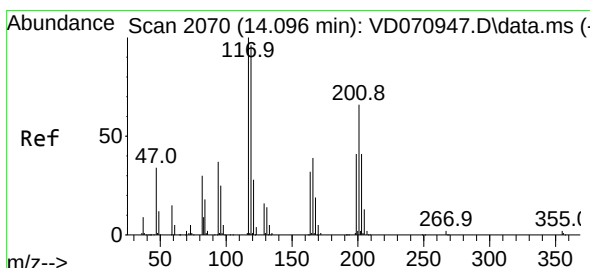
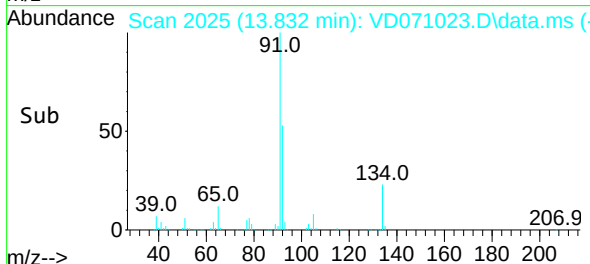
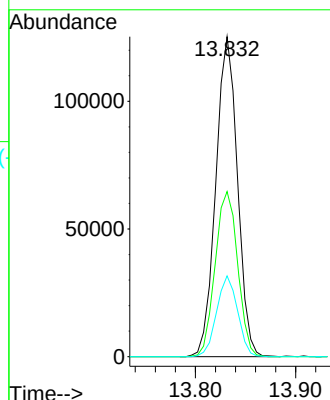
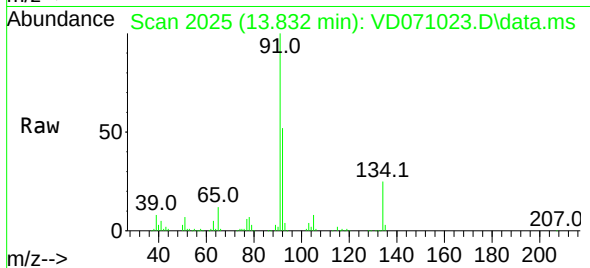
VD1115SBS01

Tgt Ion:	91	Resp:	187818
Ion Ratio	Lower	Upper	
91	100		
92	53.6	27.3	81.9
134	24.4	12.3	36.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90

Hexachloroethane

Concen: 16.086 ug/l

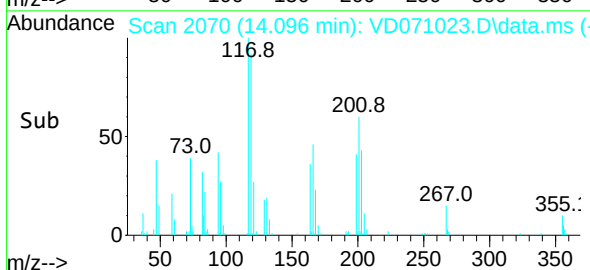
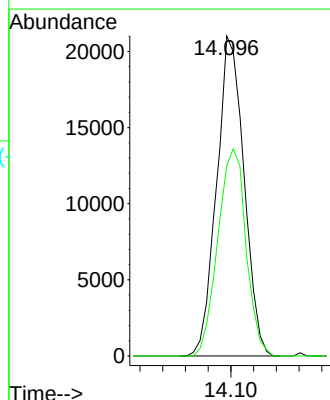
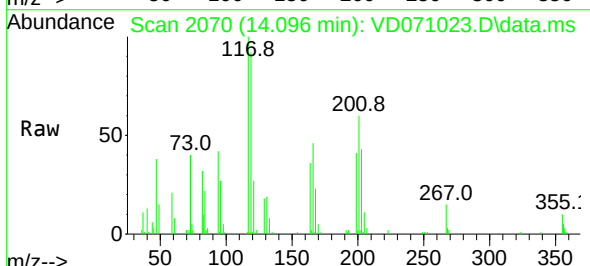
RT: 14.096 min Scan# 2070

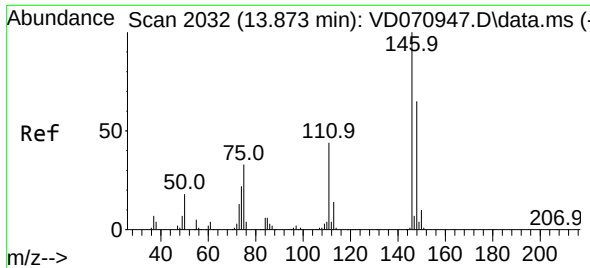
Delta R.T. 0.000 min

Lab File: VD071023.D

Acq: 15 Nov 2021 12:29

Tgt Ion:	117	Resp:	35101
Ion Ratio	Lower	Upper	
117	100		
201	66.6	36.0	108.1





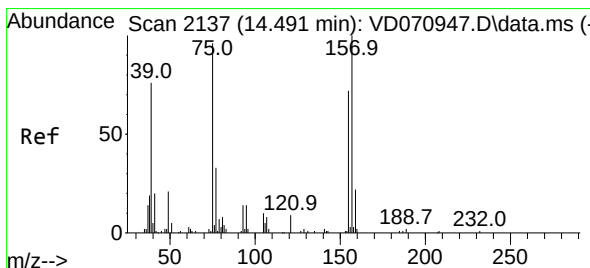
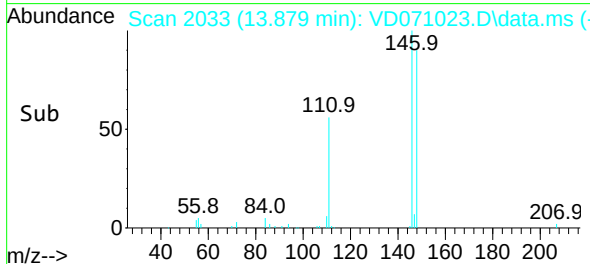
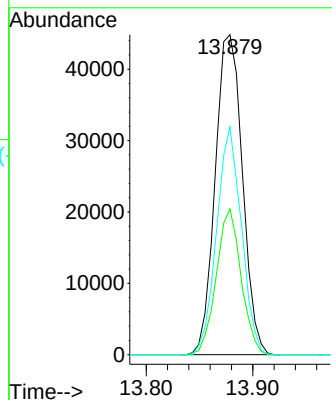
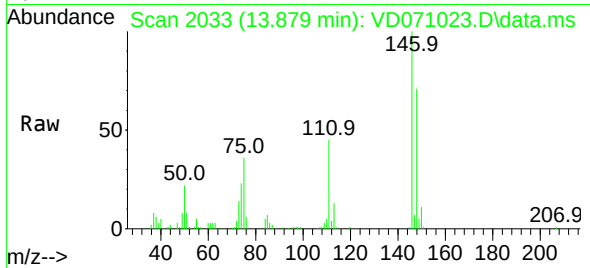
#91
1,2-Dichlorobenzene
Concen: 17.058 ug/l
RT: 13.879 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion:146 Resp: 7952
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 64.8 31.7 95.1

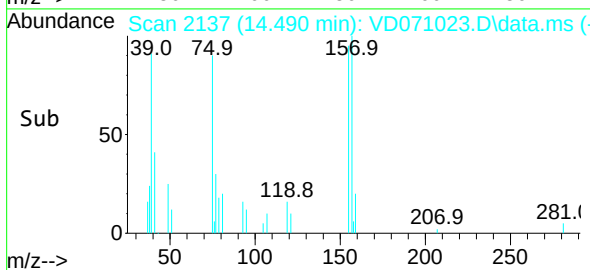
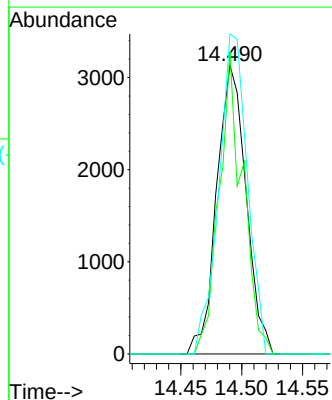
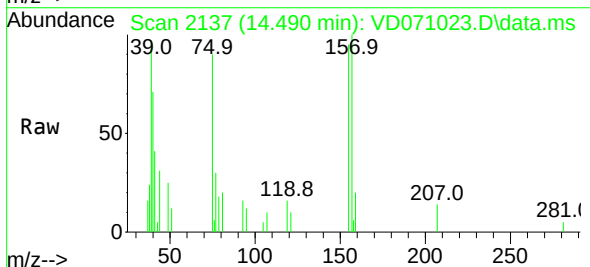
Manual Integrations
APPROVED

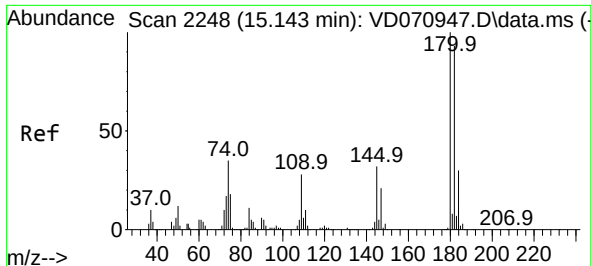
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.454 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

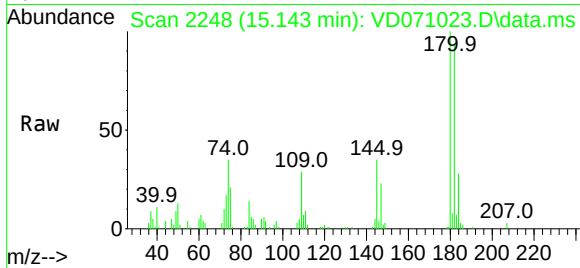
Tgt Ion: 75 Resp: 5255
Ion Ratio Lower Upper
75 100
155 85.5 40.0 120.0
157 108.0 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 16.602 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

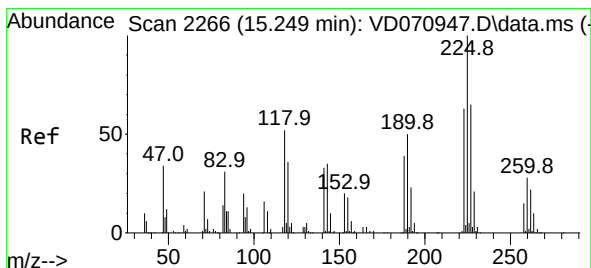
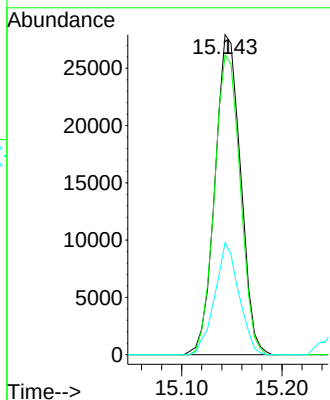
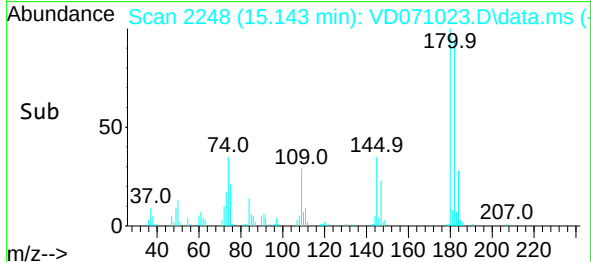
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



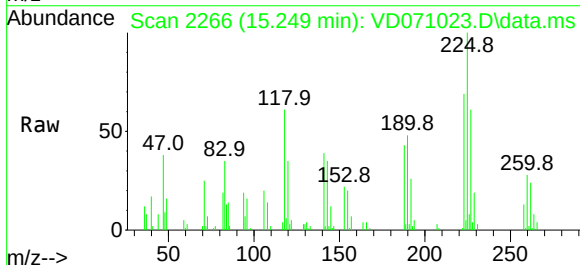
Tgt Ion:180 Resp: 49520
Ion Ratio Lower Upper
180 100
182 94.1 48.2 144.6
145 33.1 15.4 46.2

Manual Integrations
APPROVED

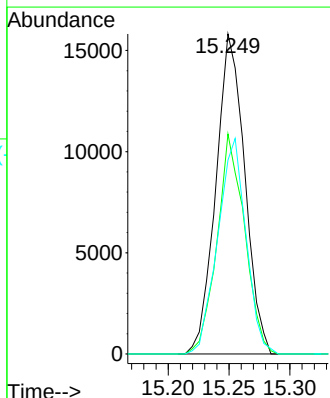
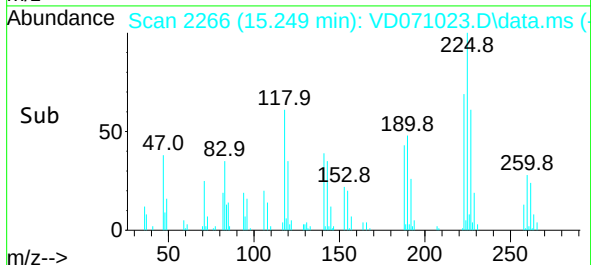
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

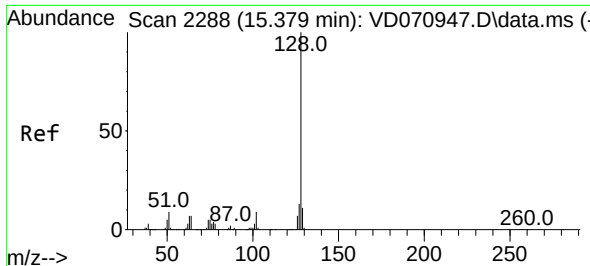


#94
Hexachlorobutadiene
Concen: 17.315 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29



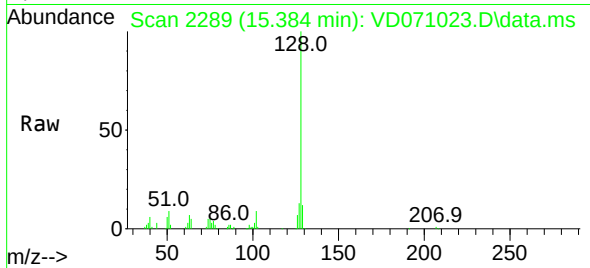
Tgt Ion:225 Resp: 26047
Ion Ratio Lower Upper
225 100
223 65.8 31.8 95.3
227 66.0 31.6 94.8





#95
Naphthalene
Concen: 15.126 ug/l
RT: 15.384 min Scan# 2115
Delta R.T. 0.005 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

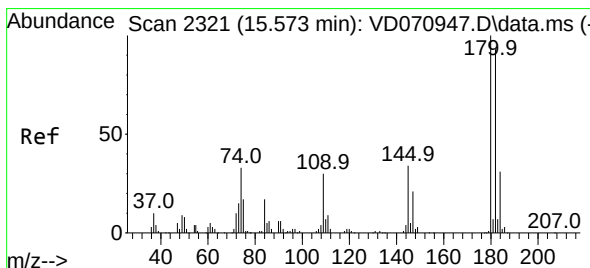
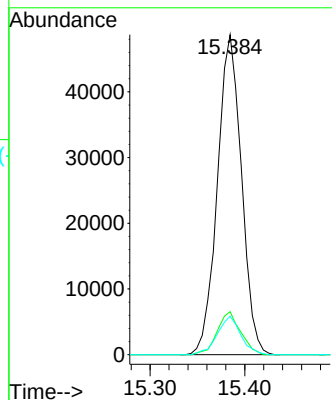
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBSD01



Tgt Ion:128 Resp: 86152
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 16.312 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD071023.D
Acq: 15 Nov 2021 12:29

Tgt Ion:180 Resp: 40911
Ion Ratio Lower Upper
180 100
182 98.4 46.7 140.1
145 34.7 15.9 47.6

