

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071022.D
 Acq On : 15 Nov 2021 12:01
 Operator : VA/SY
 Sample : VD1115SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 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 14:35:47 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	253614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	429786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	382653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	178503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133002	49.256	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.520%		
35) Dibromofluoromethane	7.914	113	124789	51.455	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.920%		
50) Toluene-d8	10.338	98	463017	48.751	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.500%		
62) 4-Bromofluorobenzene	12.626	95	163025	47.672	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	44207	20.402	ug/l	94
3) Chloromethane	2.209	50	56664	21.977	ug/l	96
4) Vinyl Chloride	2.350	62	59579	24.027	ug/l	93
5) Bromomethane	2.768	94	39709	23.494	ug/l	96
6) Chloroethane	2.921	64	38445	24.140	ug/l	100
7) Trichlorofluoromethane	3.273	101	79292	19.869	ug/l	95
8) Diethyl Ether	3.709	74	20827	15.769	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	45315	18.421	ug/l	96
10) Methyl Iodide	4.303	142	38586	17.560	ug/l	98
11) Tert butyl alcohol	5.209	59	22186	112.424	ug/l #	81
12) 1,1-Dichloroethene	4.068	96	42397	17.605	ug/l	88
13) Acrolein	3.921	56	4041	62.988	ug/l	92
14) Allyl chloride	4.715	41	81609	16.269	ug/l #	82
15) Acrylonitrile	5.415	53	48644	76.969	ug/l	97
16) Acetone	4.150	43	45024	76.650	ug/l	92
17) Carbon Disulfide	4.415	76	131320	16.888	ug/l	98
18) Methyl Acetate	4.720	43	37620	16.239	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	98030	15.768	ug/l	98
20) Methylene Chloride	4.962	84	55036	17.652	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	48337	17.511	ug/l	93
22) Diisopropyl ether	6.362	45	158999	15.944	ug/l	93
23) Vinyl Acetate	6.309	43	360584	83.040	ug/l	96
24) 1,1-Dichloroethane	6.262	63	94201	17.686	ug/l	98
25) 2-Butanone	7.209	43	63311	82.077	ug/l	93
26) 2,2-Dichloropropane	7.209	77	81779	18.192	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	52987	16.793	ug/l	91
28) Bromochloromethane	7.550	49	42794	18.942	ug/l	87
29) Tetrahydrofuran	7.567	42	40200	73.272	ug/l	92
30) Chloroform	7.709	83	92147	18.196	ug/l	89
31) Cyclohexane	7.985	56	92091	16.584	ug/l #	94
32) 1,1,1-Trichloroethane	7.903	97	80876	18.595	ug/l	95
36) 1,1-Dichloropropene	8.108	75	71749	18.698	ug/l	97
37) Ethyl Acetate	7.285	43	26822	15.320	ug/l	95
38) Carbon Tetrachloride	8.097	117	68503	19.385	ug/l	99
39) Methylcyclohexane	9.355	83	88917	17.941	ug/l	99
40) Benzene	8.350	78	193883	17.941	ug/l	97

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 Supervised By :Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	13384	13.198	ug/l	89
42) 1,2-Dichloroethane	8.420	62	55827	18.239	ug/l	95
43) Isopropyl Acetate	8.450	43	58076	15.674	ug/l	91
44) Trichloroethene	9.108	130	48908	17.558	ug/l	89
45) 1,2-Dichloropropane	9.385	63	50111	17.146	ug/l	95
46) Dibromomethane	9.467	93	24791	17.821	ug/l	94
47) Bromodichloromethane	9.661	83	66013	17.941	ug/l	97
48) Methyl methacrylate	9.450	41	28240	15.537	ug/l #	81
49) 1,4-Dioxane	9.456	88	4803	297.993	ug/l #	83
51) 4-Methyl-2-Pentanone	10.226	43	141261	78.639	ug/l	90
52) Toluene	10.403	92	120498	17.689	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	62153	16.751	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	73852	16.879	ug/l #	77
55) 1,1,2-Trichloroethane	10.797	97	33235	17.383	ug/l	95
56) Ethyl methacrylate	10.661	69	40627	15.018	ug/l #	70
57) 1,3-Dichloropropane	10.938	76	58765	16.925	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	131406	93.438	ug/l	99
59) 2-Hexanone	10.979	43	97699	81.053	ug/l	89
60) Dibromochloromethane	11.132	129	39855	17.376	ug/l	100
61) 1,2-Dibromoethane	11.244	107	31689	17.039	ug/l	100
64) Tetrachloroethene	10.873	164	43430	19.464	ug/l	97
65) Chlorobenzene	11.661	112	123251	18.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	43872	18.104	ug/l	97
67) Ethyl Benzene	11.738	91	231464	17.902	ug/l	97
68) m/p-Xylenes	11.844	106	170655	35.315	ug/l	93
69) o-Xylene	12.173	106	81598	17.752	ug/l	97
70) Styrene	12.191	104	139148	17.879	ug/l	97
71) Bromoform	12.355	173	20746	16.417	ug/l #	97
73) Isopropylbenzene	12.473	105	222938	17.336	ug/l	100
74) N-amyl acetate	12.279	43	52954	14.414	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	34822	15.732	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	25311m	16.600	ug/l	
77) Bromobenzene	12.749	156	47413	17.256	ug/l	98
78) n-propylbenzene	12.814	91	274352	17.218	ug/l	99
79) 2-Chlorotoluene	12.896	91	154621	17.019	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	181174	17.111	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	10461	15.684	ug/l #	78
82) 4-Chlorotoluene	12.996	91	158336	16.886	ug/l	99
83) tert-Butylbenzene	13.214	119	151816	16.645	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	178045	17.170	ug/l	99
85) sec-Butylbenzene	13.391	105	236273	17.231	ug/l	99
86) p-Isopropyltoluene	13.508	119	196684	17.863	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	94844	17.655	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	94085	17.492	ug/l	97
89) n-Butylbenzene	13.832	91	193890	17.522	ug/l	98
90) Hexachloroethane	14.096	117	36877	16.925	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	81391	17.485	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	5206	14.341	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	49779	16.714	ug/l	99
94) Hexachlorobutadiene	15.249	225	28207	18.779	ug/l	98
95) Naphthalene	15.385	128	87008	15.300	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	41399	16.532	ug/l	96

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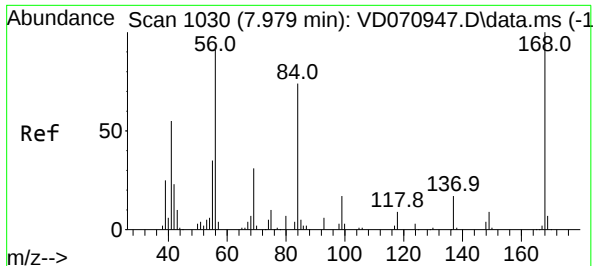
Manual Integrations
APPROVED

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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

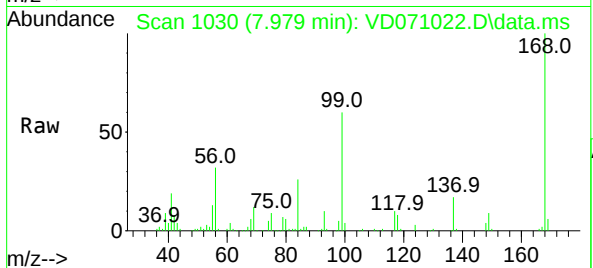
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

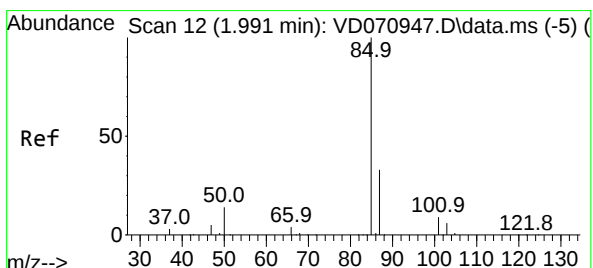
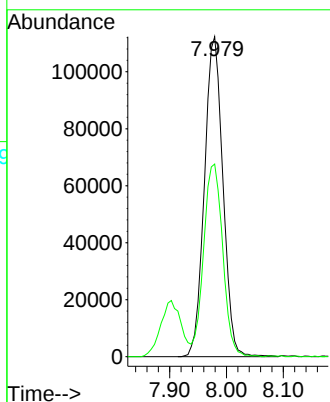
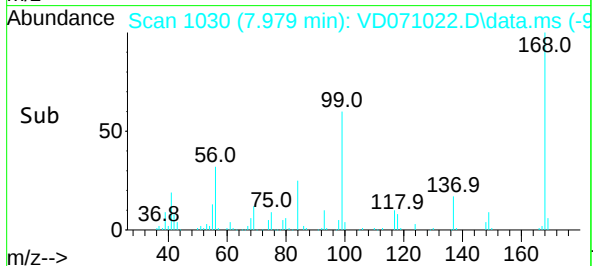
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion:168 Resp: 253614
Ion Ratio Lower Upper
168 100
99 60.1 46.6 69.8

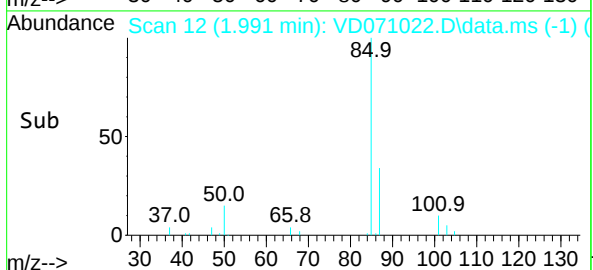
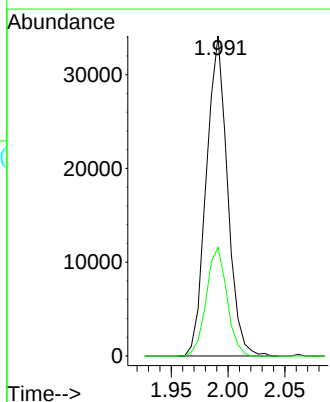
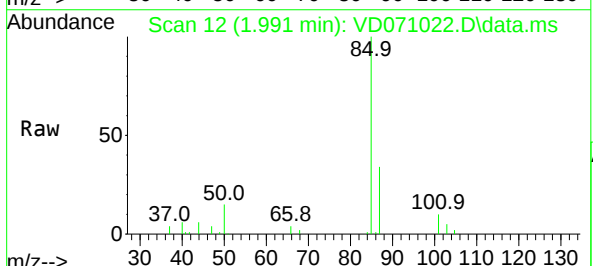
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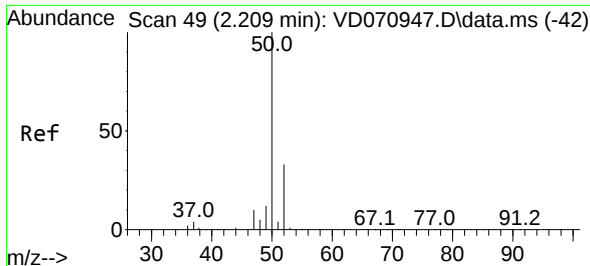
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 20.402 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion: 85 Resp: 44207
Ion Ratio Lower Upper
85 100
87 33.9 15.2 45.6





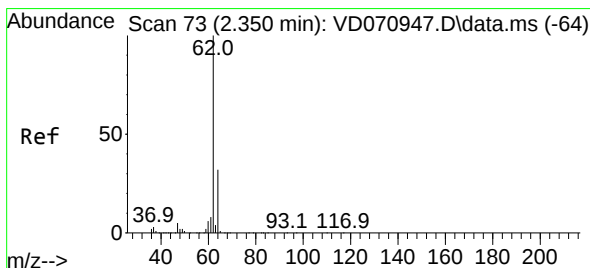
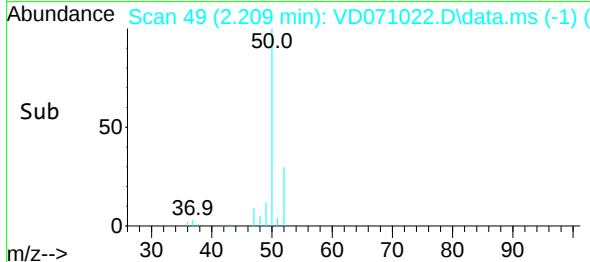
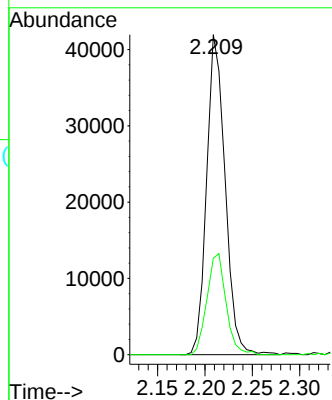
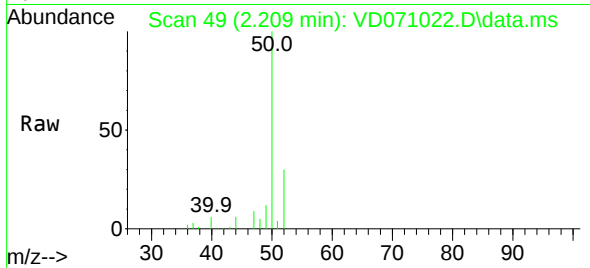
#3
Chloromethane
Concen: 21.977 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

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Tgt Ion: 50 Resp: 5664
Ion Ratio Lower Upper
50 100
52 30.2 25.8 38.8

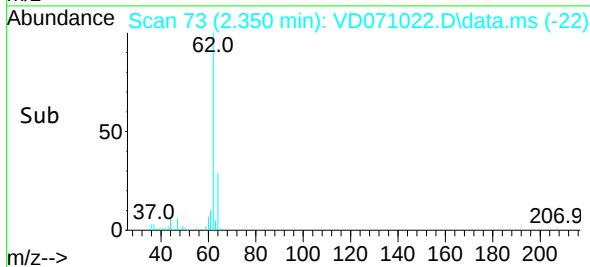
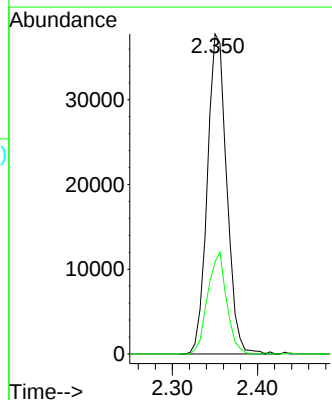
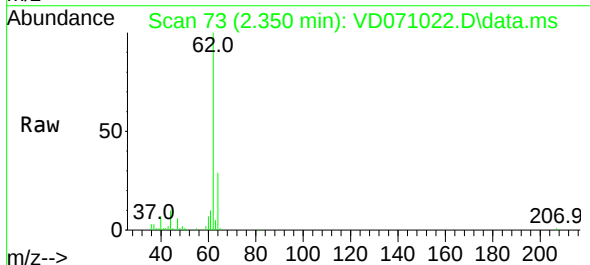
Manual Integrations
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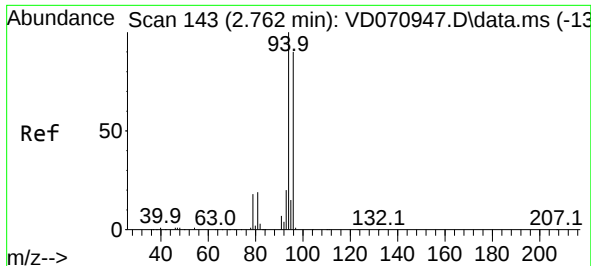
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Vinyl Chloride
Concen: 24.027 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

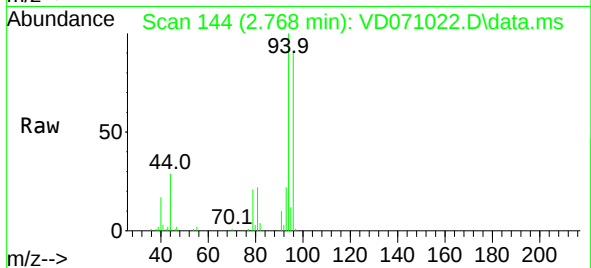
Tgt Ion: 62 Resp: 59579
Ion Ratio Lower Upper
62 100
64 28.8 26.0 39.0





#5
Bromomethane
Concen: 23.494 ug/l
RT: 2.768 min Scan# 143
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

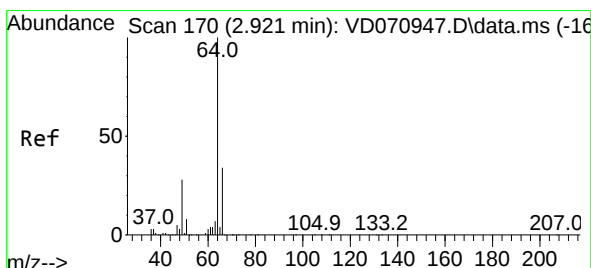
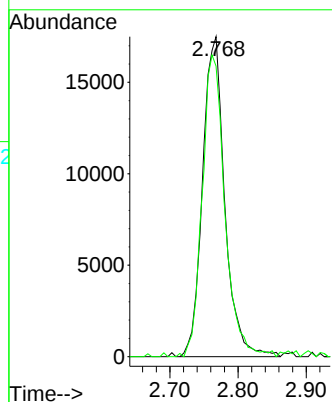
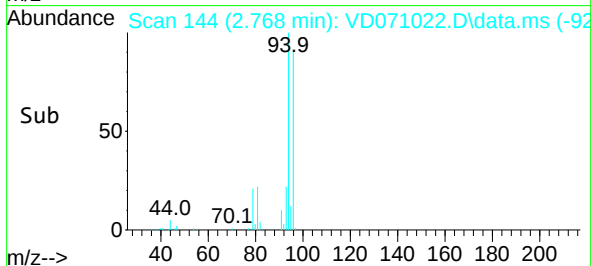
Instrument :
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Tgt Ion: 94 Resp: 39709
Ion Ratio Lower Upper
94 100
96 89.8 74.8 112.2

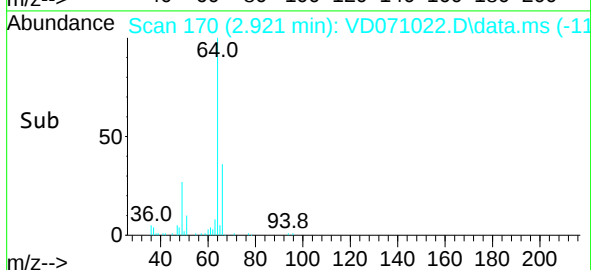
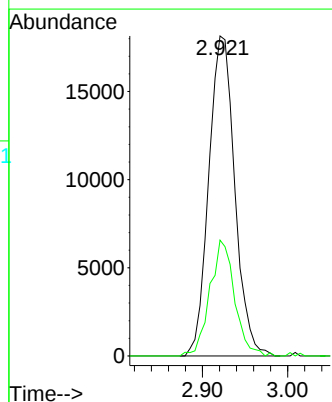
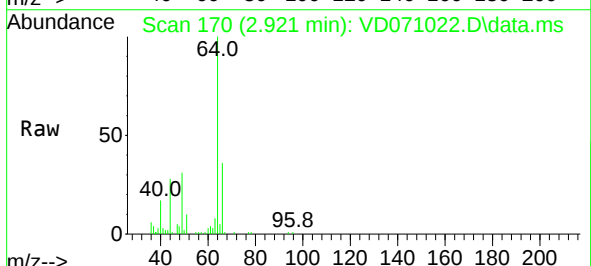
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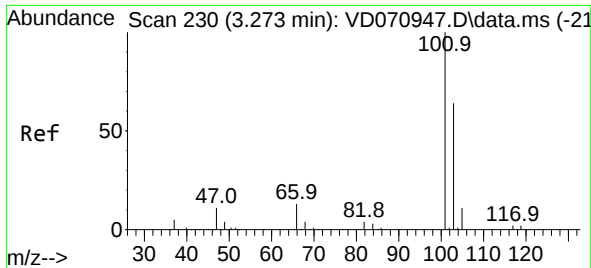
Reviewed By :Vimala Arumugam 11/15/2021
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#6
Chloroethane
Concen: 24.140 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

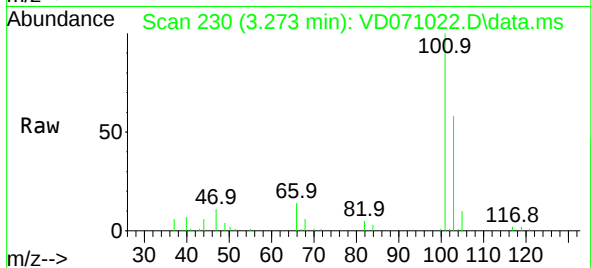
Tgt Ion: 64 Resp: 38445
Ion Ratio Lower Upper
64 100
66 36.2 29.0 43.4





#7
 Trichlorofluoromethane
 Concen: 19.869 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

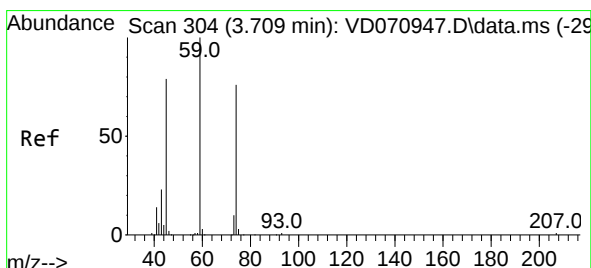
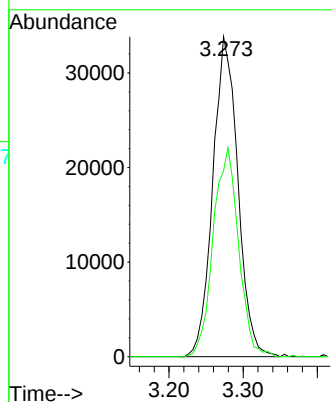
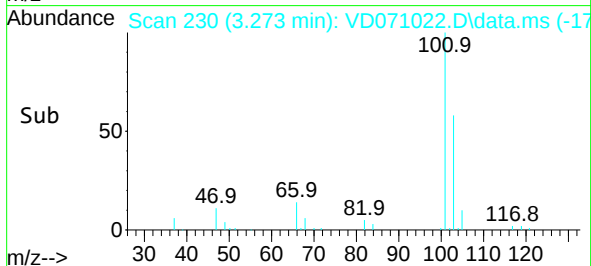
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01



Tgt Ion:101 Resp: 79292
 Ion Ratio Lower Upper
 101 100
 103 58.1 49.7 74.5

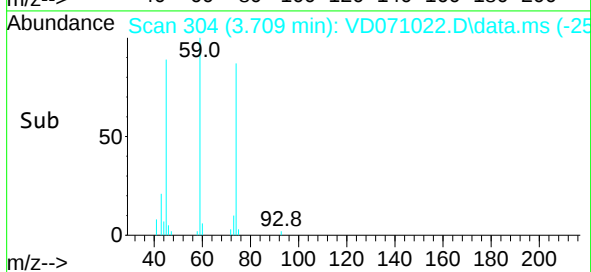
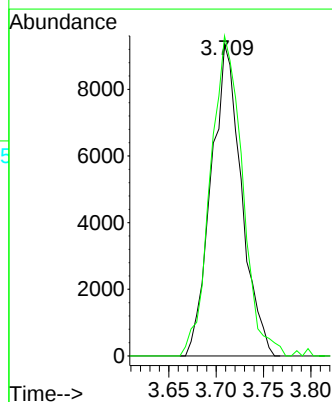
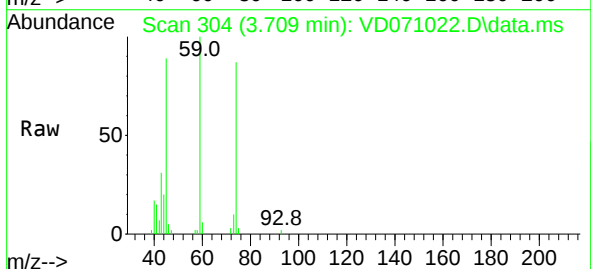
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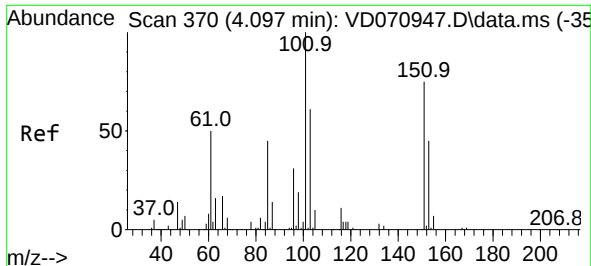
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#8
 Diethyl Ether
 Concen: 15.769 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Tgt Ion: 74 Resp: 20827
 Ion Ratio Lower Upper
 74 100
 45 108.1 49.6 149.0





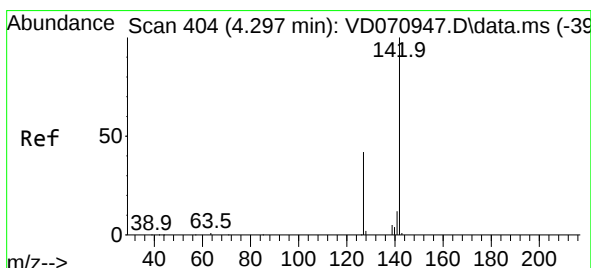
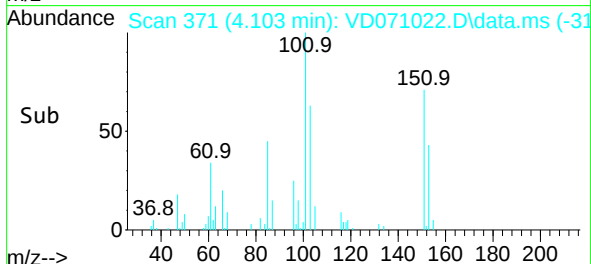
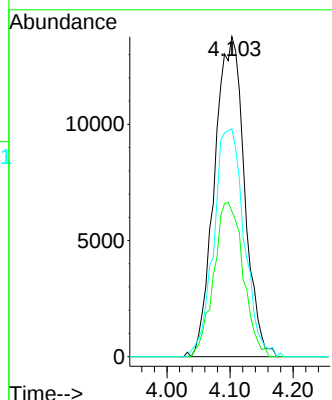
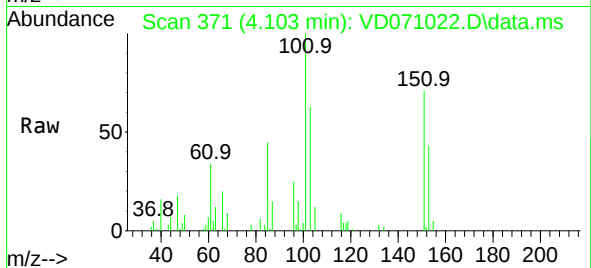
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.421 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion:101 Resp: 4531
Ion Ratio Lower Upper
101 100
85 47.2 34.8 52.2
151 72.4 60.4 90.6

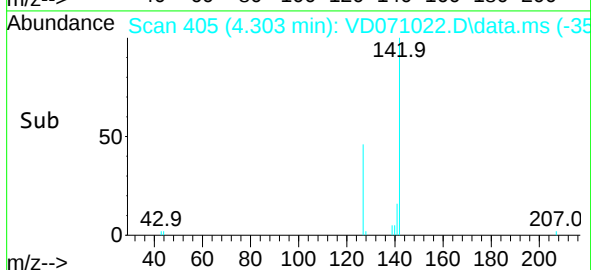
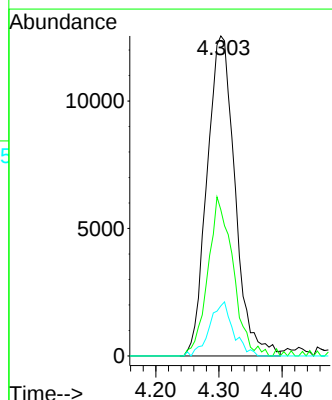
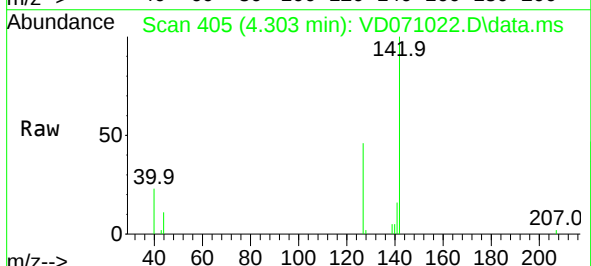
Manual Integrations
APPROVED

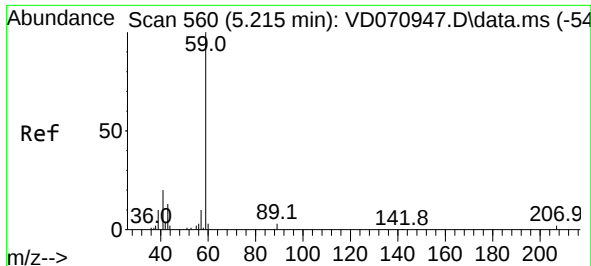
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 17.560 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

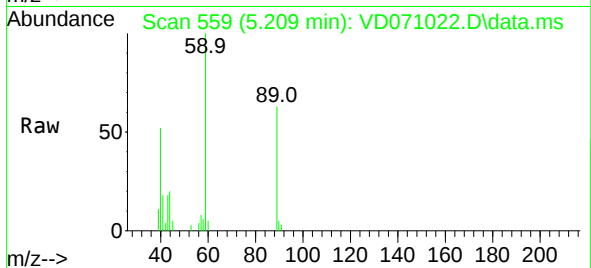
Tgt Ion:142 Resp: 38586
Ion Ratio Lower Upper
142 100
127 44.9 35.0 52.4
141 14.3 12.0 18.0





#11
Tert butyl alcohol
Concen: 112.424 ug/l
RT: 5.209 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

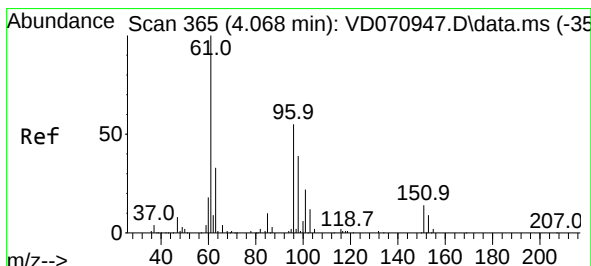
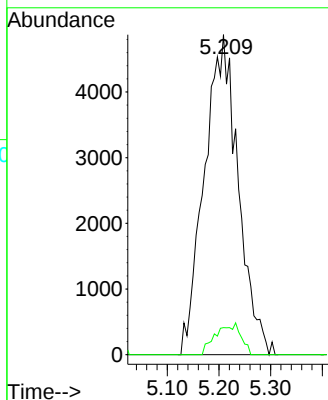
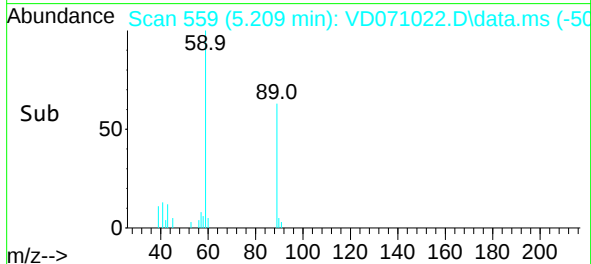
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



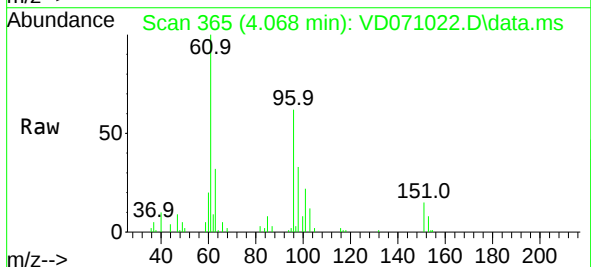
Tgt Ion: 59 Resp: 22180
Ion Ratio Lower Upper
59 100
57 3.8 9.0 13.4

Manual Integrations
APPROVED

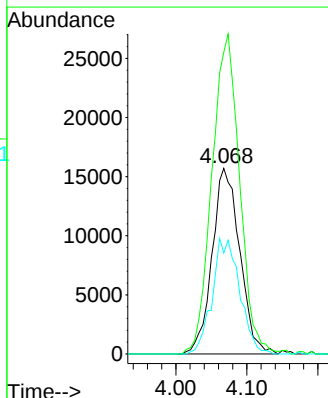
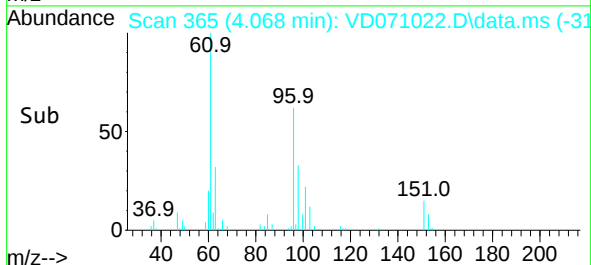
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

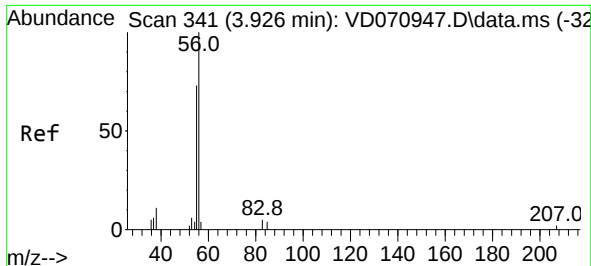


#12
1,1-Dichloroethene
Concen: 17.605 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



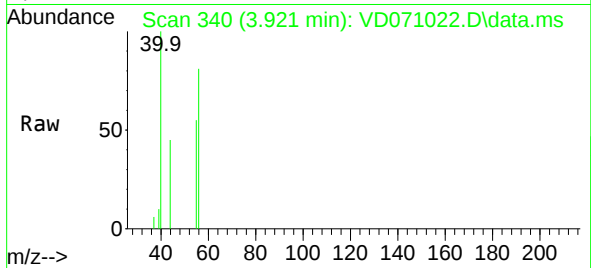
Tgt Ion: 96 Resp: 42397
Ion Ratio Lower Upper
96 100
61 162.6 120.3 180.5
98 54.4 54.4 81.6





#13
Acrolein
Concen: 62.988 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

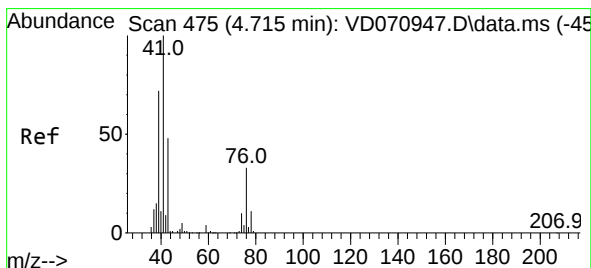
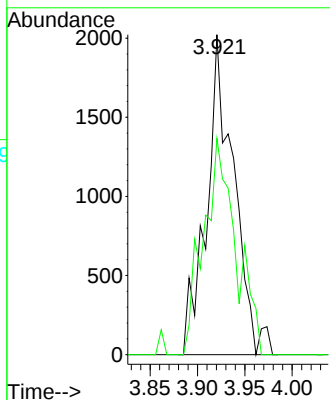
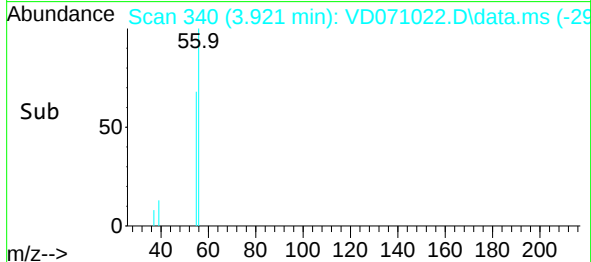
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion: 56 Resp: 404
Ion Ratio Lower Upper
56 100
55 80.3 58.6 87.8

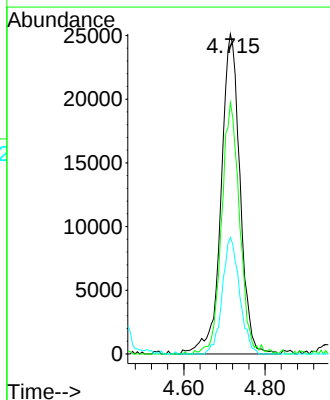
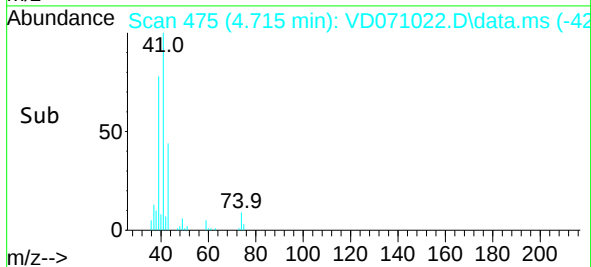
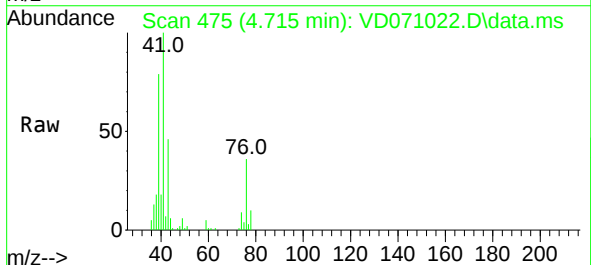
Manual Integrations
APPROVED

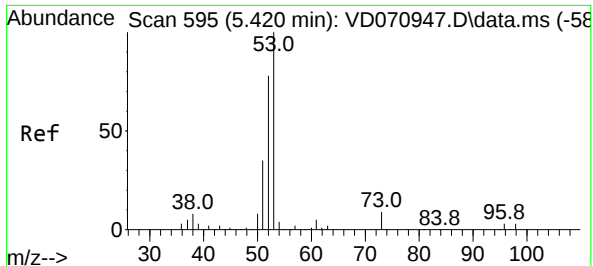
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 16.269 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion: 41 Resp: 81609
Ion Ratio Lower Upper
41 100
39 74.9 45.6 68.4
76 33.1 30.2 45.4





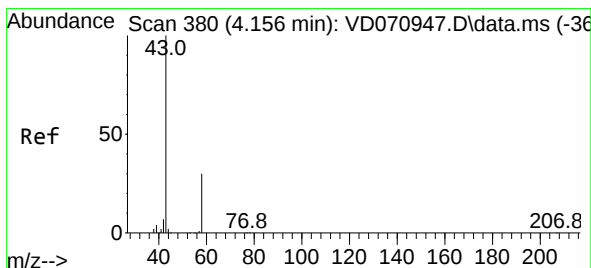
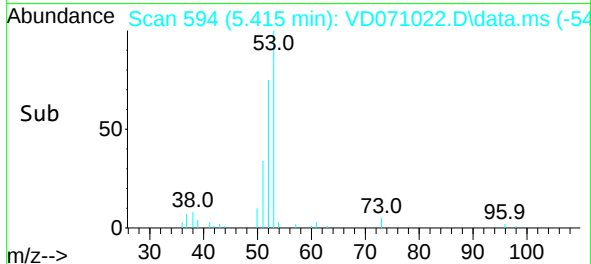
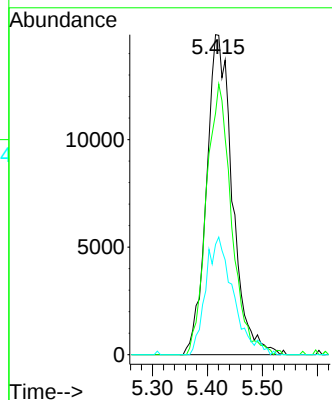
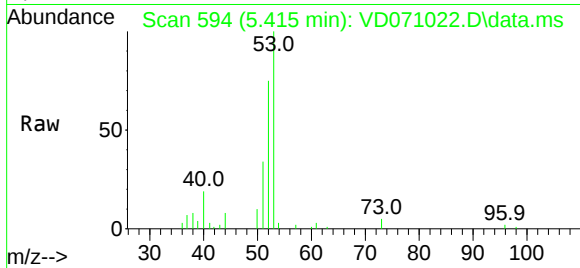
#15
Acrylonitrile
Concen: 76.969 ug/l
RT: 5.415 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 53 Resp: 4864
Ion Ratio Lower Upper
53 100
52 82.5 63.8 95.8
51 37.8 28.5 42.7

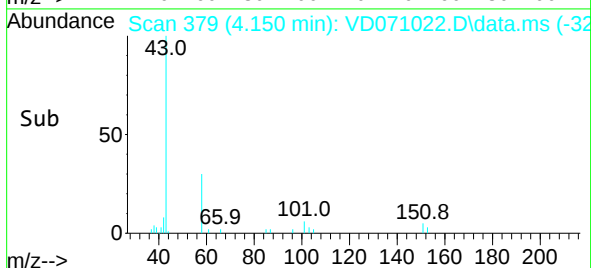
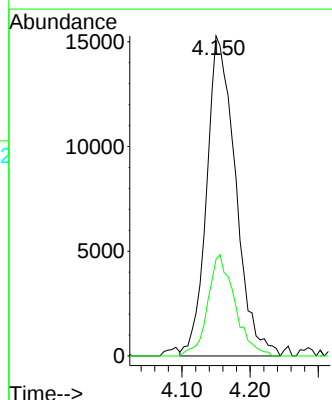
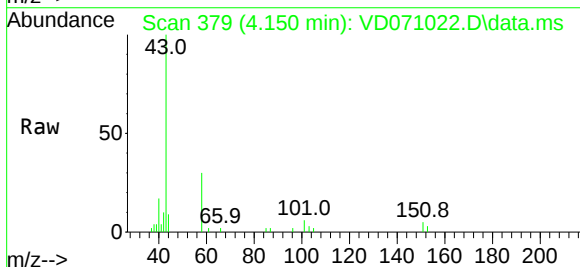
Manual Integrations
APPROVED

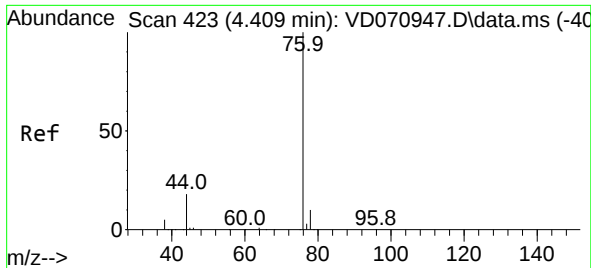
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 76.650 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion: 43 Resp: 45024
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8





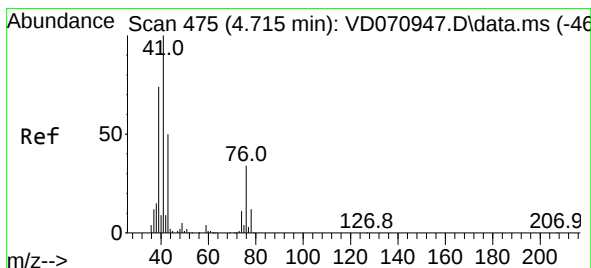
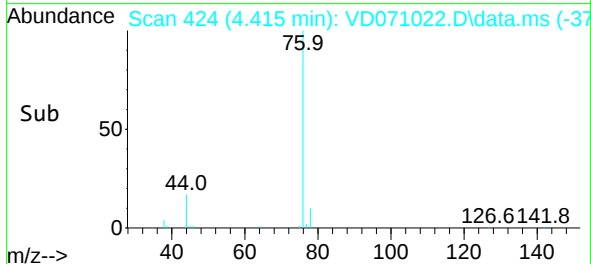
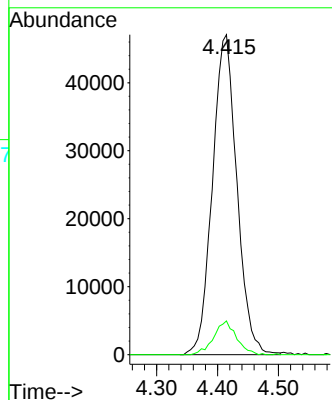
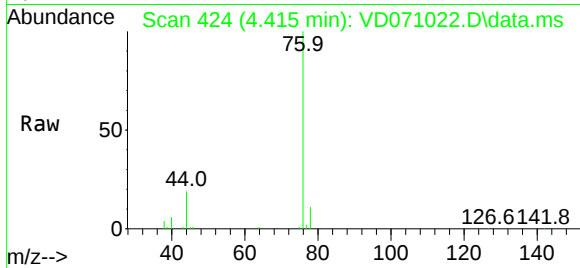
#17
Carbon Disulfide
Concen: 16.888 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 76 Resp: 131320
Ion Ratio Lower Upper
76 100
78 10.6 7.8 11.8

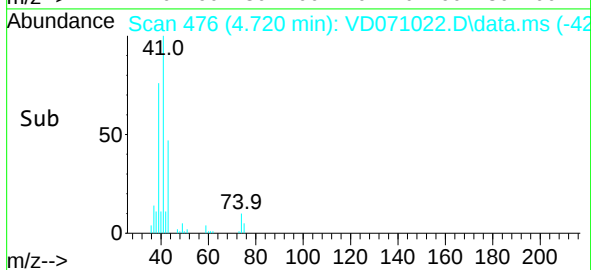
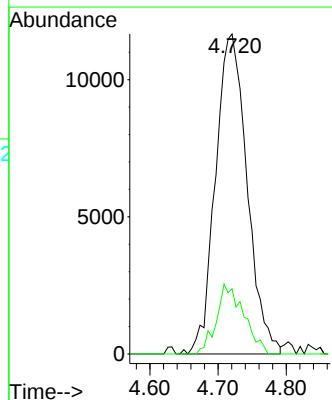
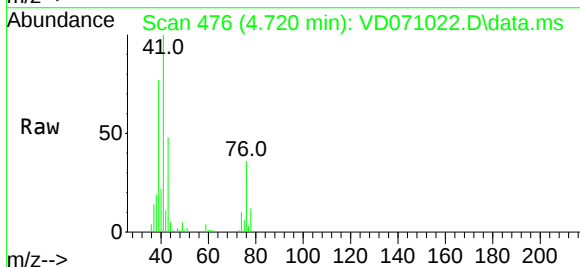
Manual Integrations
APPROVED

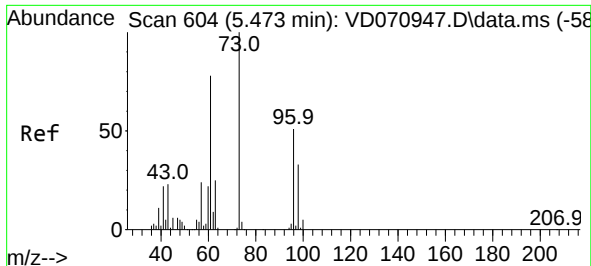
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 16.239 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

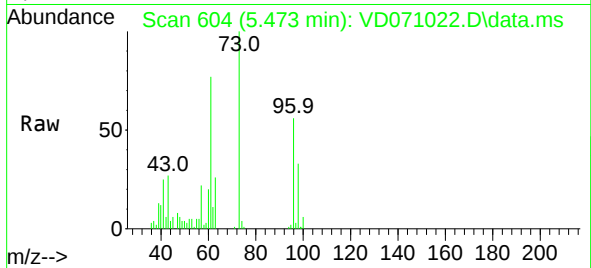
Tgt Ion: 43 Resp: 37620
Ion Ratio Lower Upper
43 100
74 18.9 19.3 28.9#





#19
Methyl tert-butyl Ether
Concen: 15.768 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

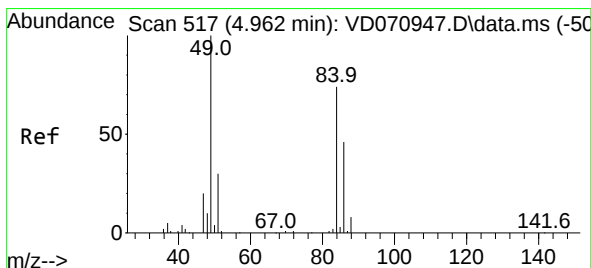
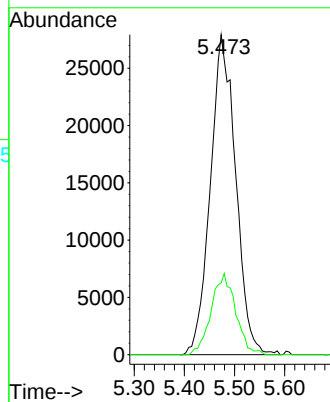
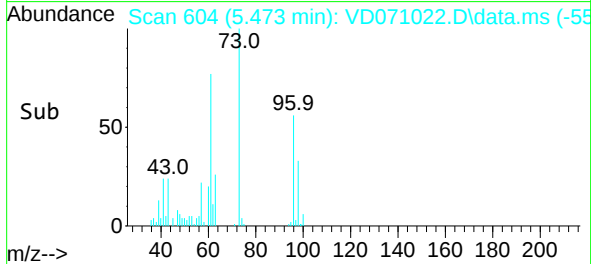
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion: 73 Resp: 98036
Ion Ratio Lower Upper
73 100
57 22.4 18.9 28.3

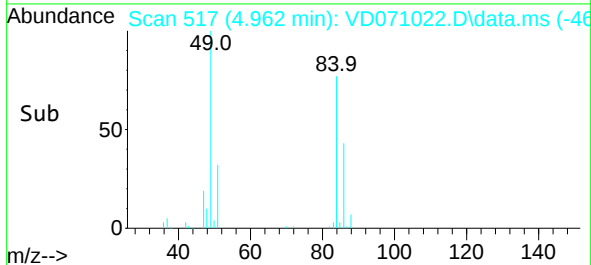
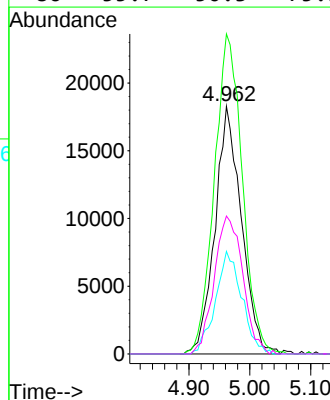
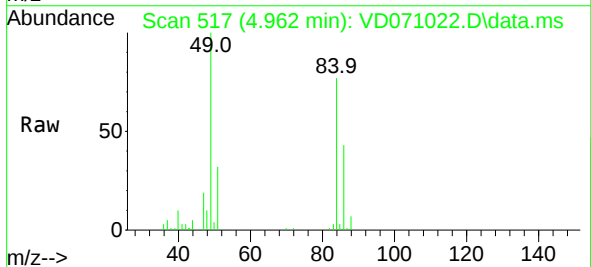
Manual Integrations
APPROVED

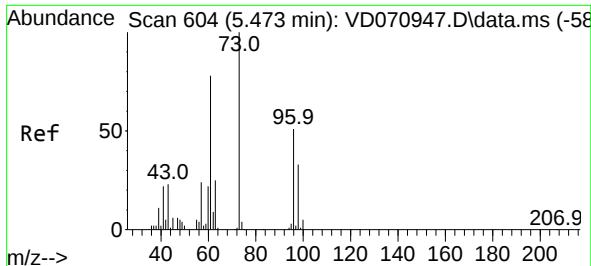
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 17.652 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

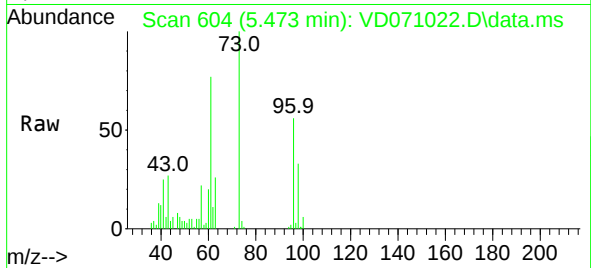
Tgt Ion: 84 Resp: 55036
Ion Ratio Lower Upper
84 100
49 129.2 95.8 143.6
51 41.4 30.9 46.3
86 55.7 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 17.511 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

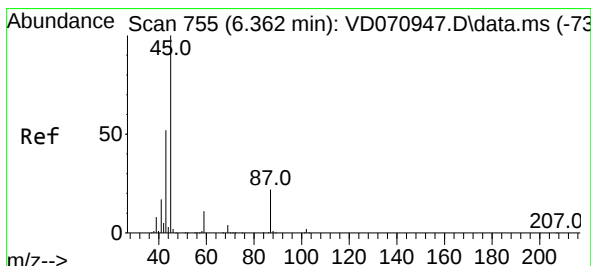
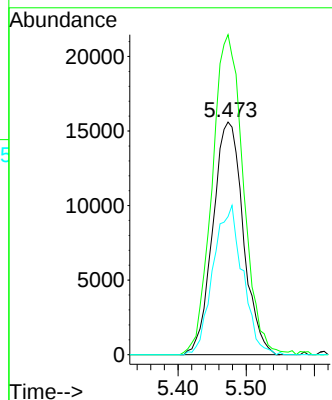
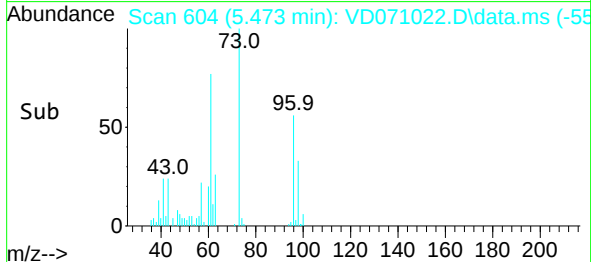
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion: 96 Resp: 4833
Ion Ratio Lower Upper
96 100
61 137.6 102.1 153.1
98 59.4 50.1 75.1

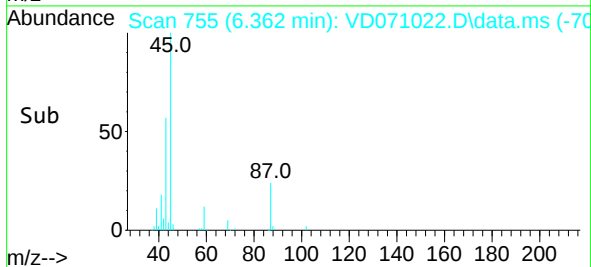
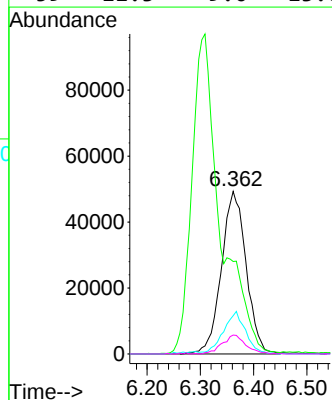
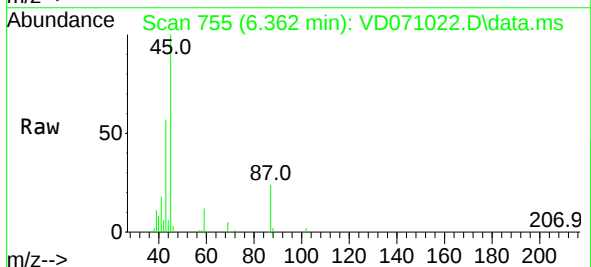
Manual Integrations
APPROVED

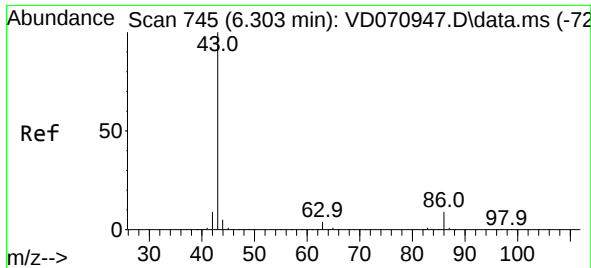
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 15.944 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion: 45 Resp: 158999
Ion Ratio Lower Upper
45 100
43 55.9 39.6 59.4
87 23.5 21.2 31.8
59 11.3 9.0 13.6





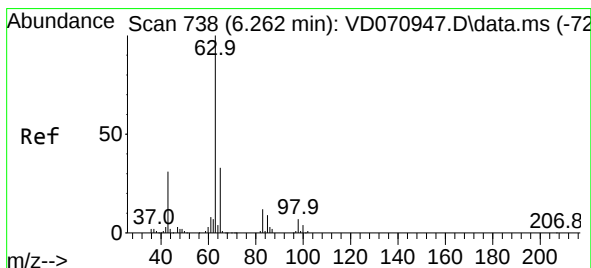
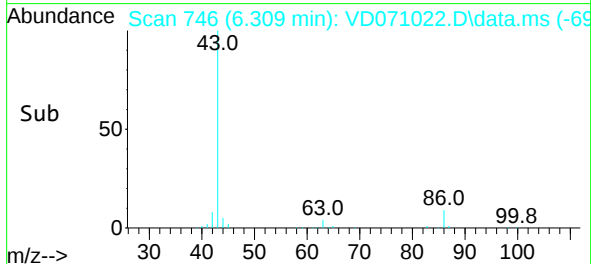
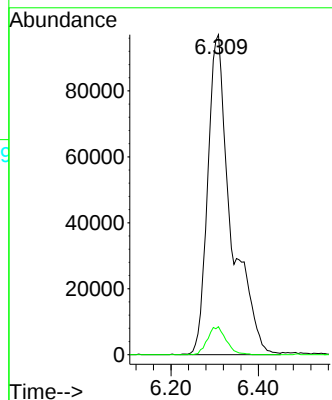
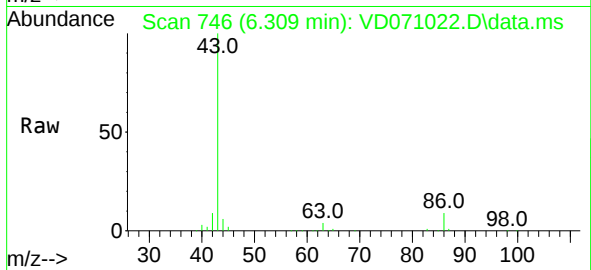
#23
 Vinyl Acetate
 Concen: 83.040 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

Tgt Ion: 43 Resp: 360584
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.2 12.4

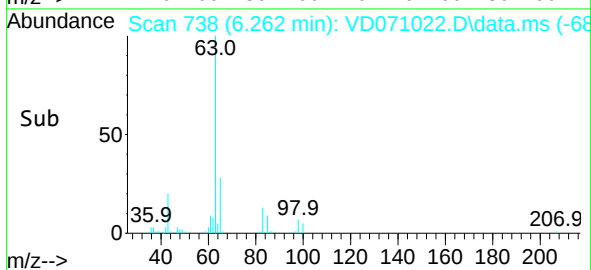
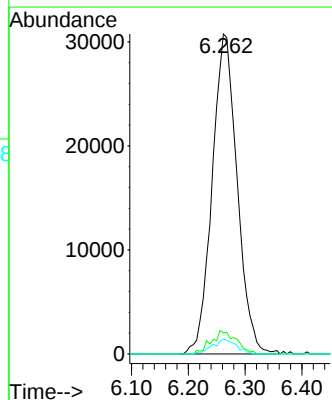
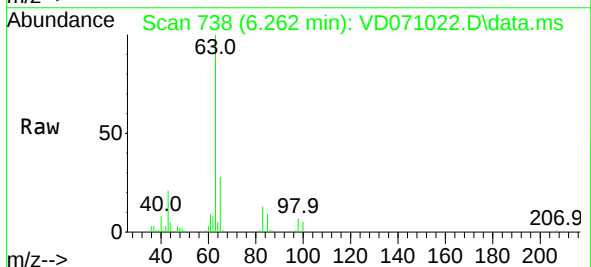
Manual Integrations
 APPROVED

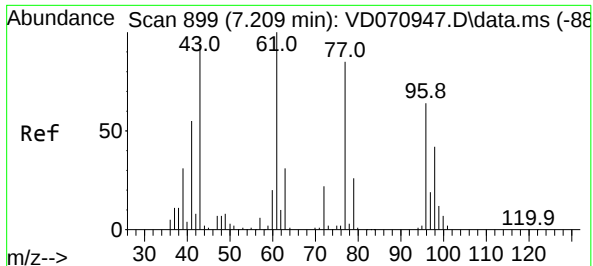
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 17.686 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Tgt Ion: 63 Resp: 94201
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.6 2.1 6.3





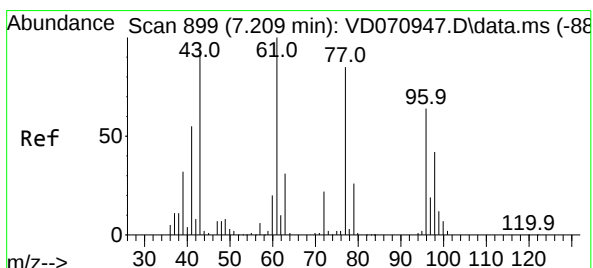
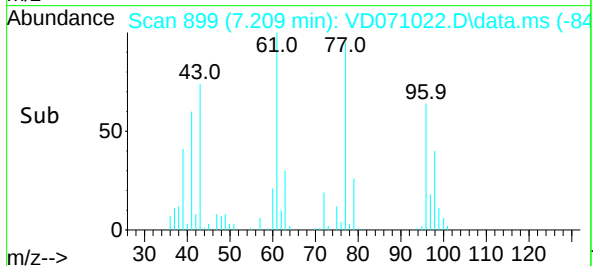
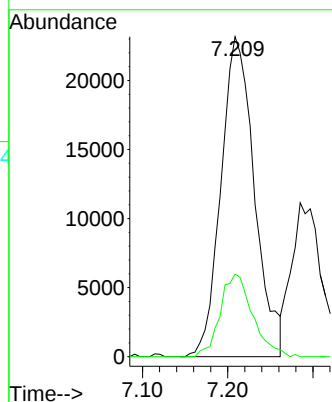
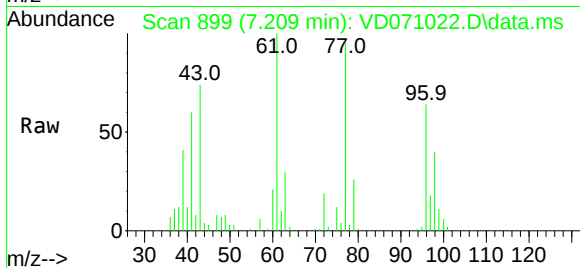
#25
2-Butanone
Concen: 82.077 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 43 Resp: 6331
Ion Ratio Lower Upper
43 100
72 25.8 23.8 35.6

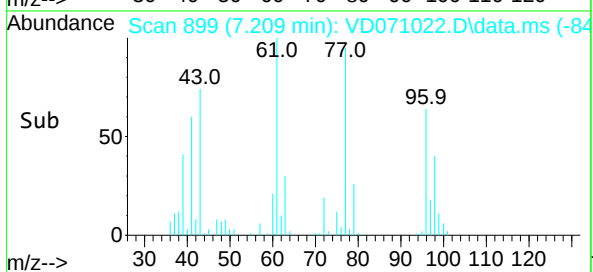
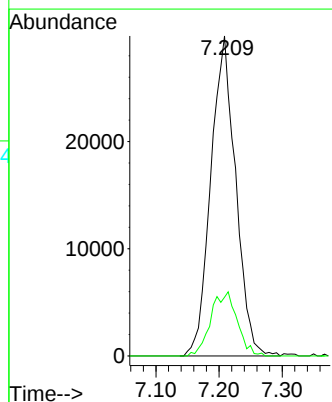
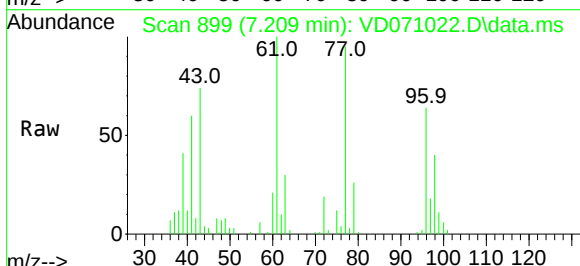
Manual Integrations
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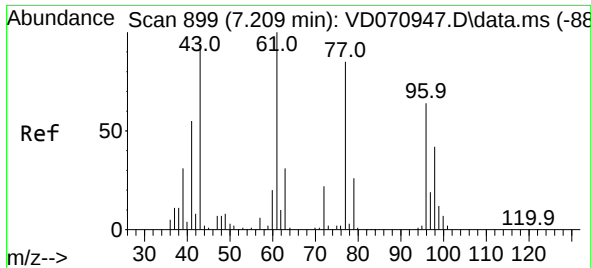
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
2,2-Dichloropropane
Concen: 18.192 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion: 77 Resp: 81779
Ion Ratio Lower Upper
77 100
97 21.3 11.9 35.5





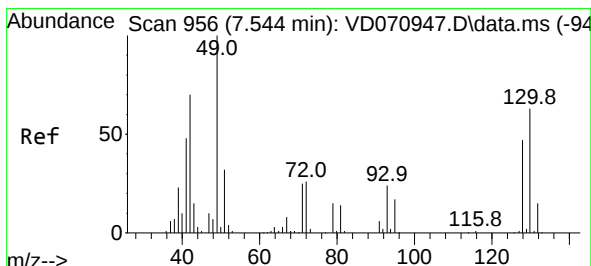
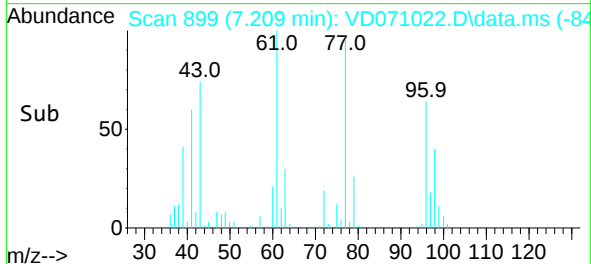
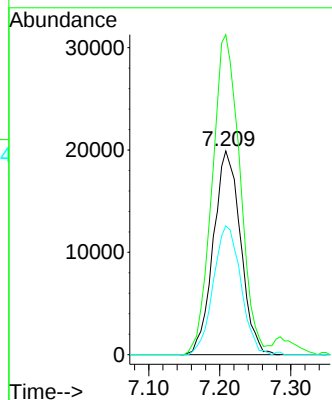
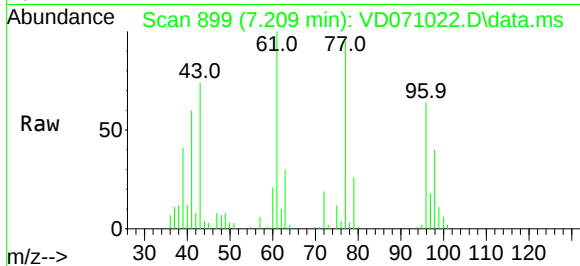
#27
 cis-1,2-Dichloroethene
 Concen: 16.793 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

Tgt Ion: 96	Resp: 5298
Ion Ratio	Lower Upper
96 100	
61 160.2	0.0 288.6
98 63.9	0.0 129.2

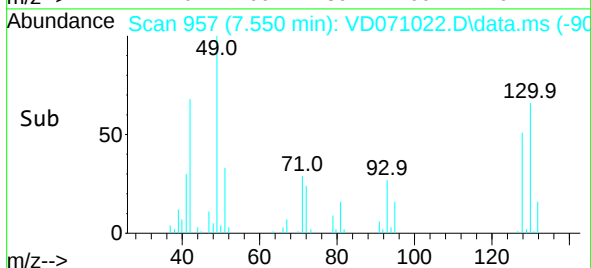
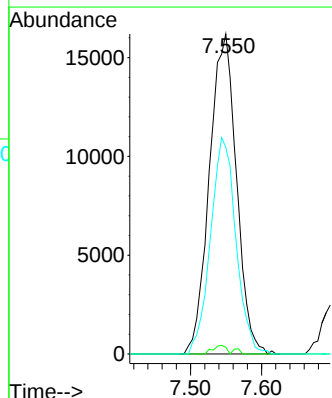
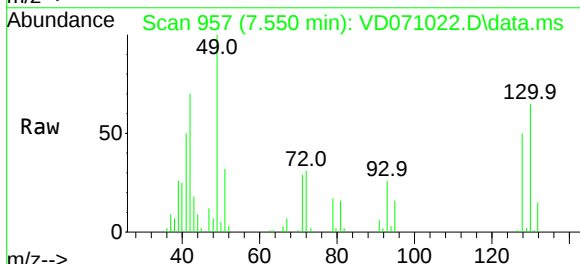
Manual Integrations
 APPROVED

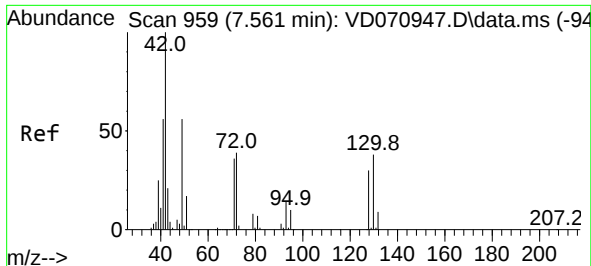
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 18.942 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. 0.006 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Tgt Ion: 49	Resp: 42794
Ion Ratio	Lower Upper
49 100	
129 1.3	0.0 4.0
130 63.6	60.2 90.2





#29

Tetrahydrofuran

Concen: 73.272 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD071022.D

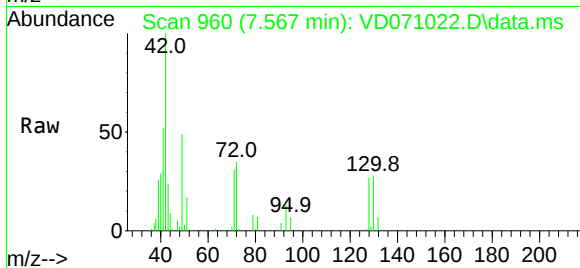
Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

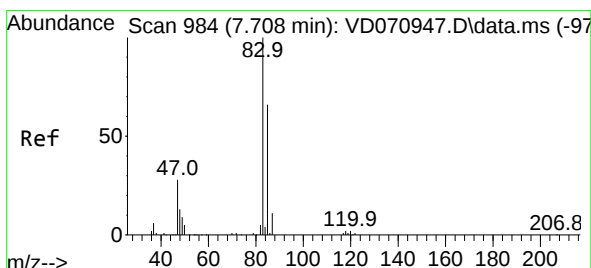
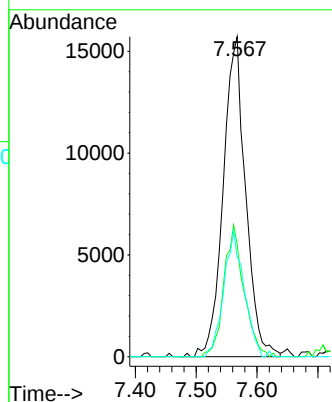


Tgt Ion:	42	Resp:	40200
Ion	Ratio	Lower	Upper
42	100		
72	36.8	33.7	50.5
71	35.7	32.7	49.1

Manual Integrations

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



#30

Chloroform

Concen: 18.196 ug/l

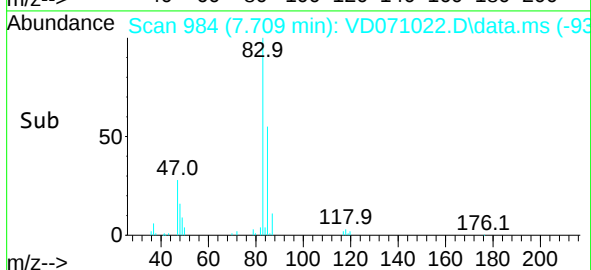
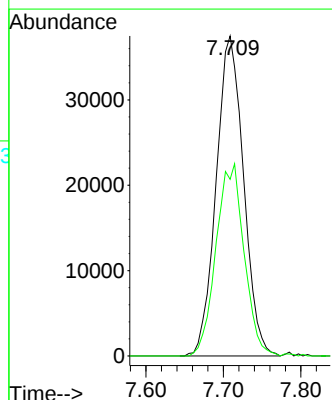
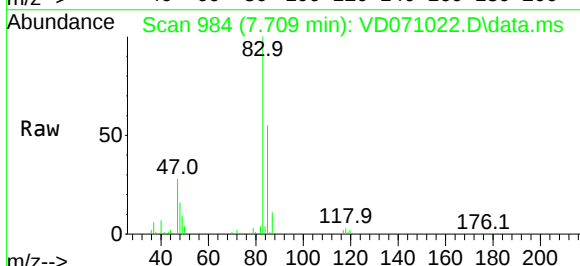
RT: 7.709 min Scan# 984

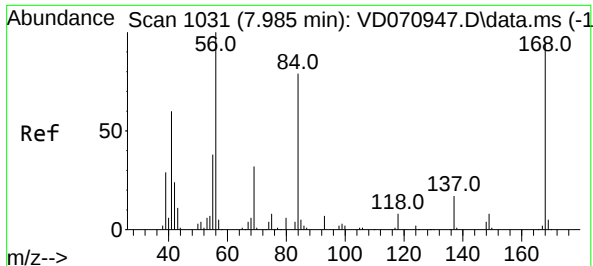
Delta R.T. 0.001 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Tgt Ion:	83	Resp:	92147
Ion	Ratio	Lower	Upper
83	100		
85	55.2	51.0	76.6





#31

Cyclohexane

Concen: 16.584 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

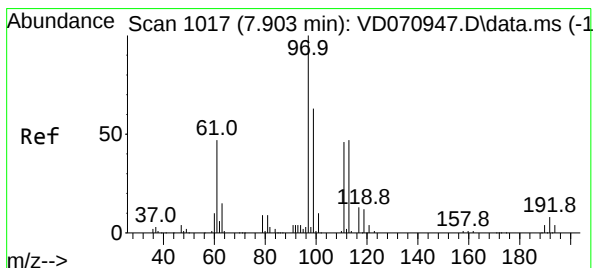
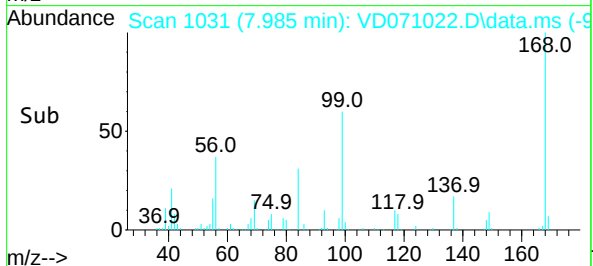
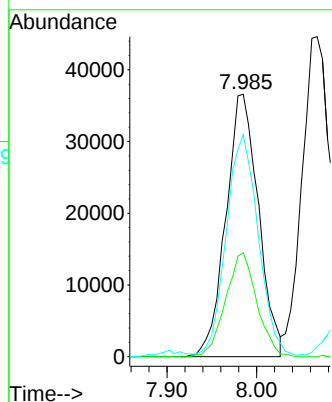
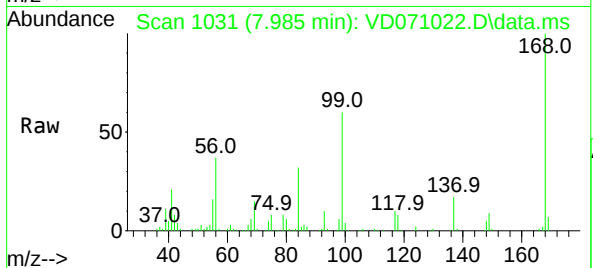
Tgt Ion: 56 Resp: 9209

Ion	Ratio	Lower	Upper
56	100		
69	39.6	25.9	38.9
84	82.8	64.3	96.5

Manual Integrations

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



#32

1,1,1-Trichloroethane

Concen: 18.595 ug/l

RT: 7.903 min Scan# 1017

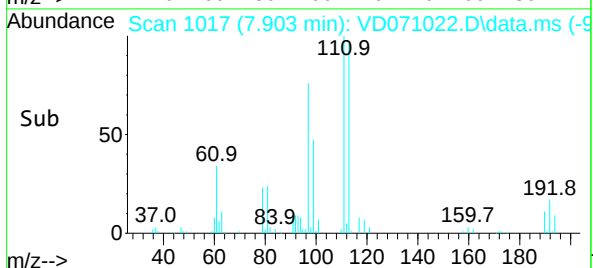
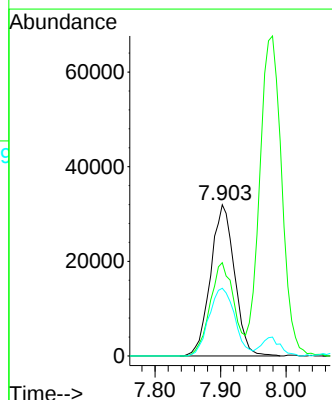
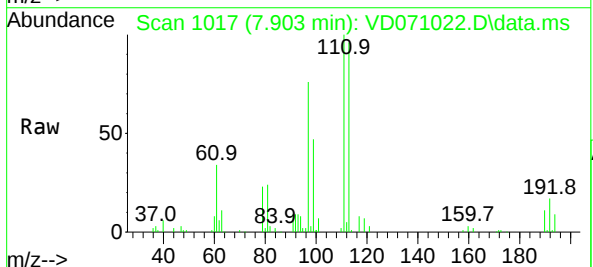
Delta R.T. -0.000 min

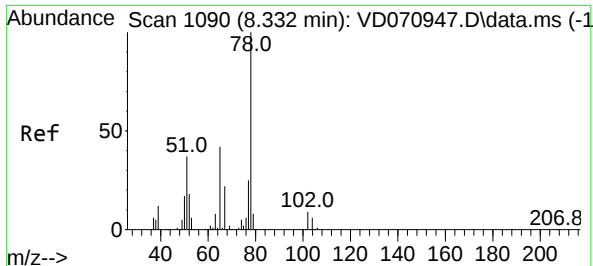
Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Tgt Ion: 97 Resp: 80876

Ion	Ratio	Lower	Upper
97	100		
99	62.1	50.3	75.5
61	48.5	33.0	49.4





#33

1,2-Dichloroethane-d4

Concen: 49.256 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD071022.D

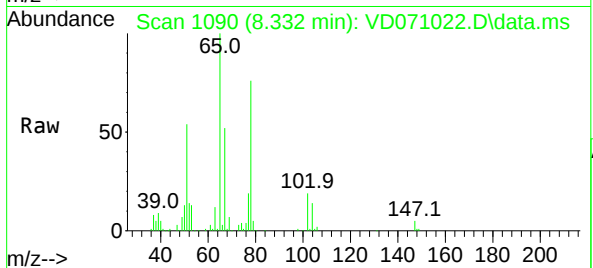
Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01



Tgt Ion: 65 Resp: 133002

Ion Ratio Lower Upper

65 100

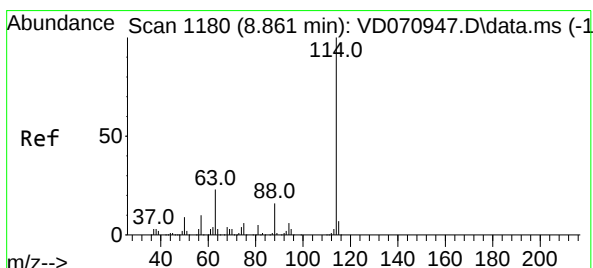
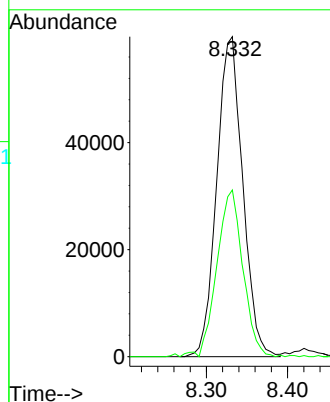
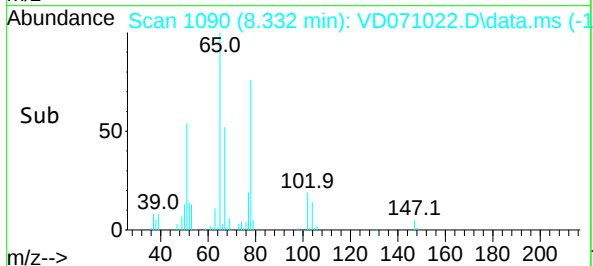
67 52.2 0.0 112.2

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: VD071022.D

Acq: 15 Nov 2021 12:01

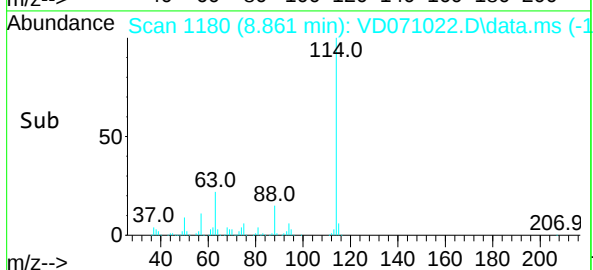
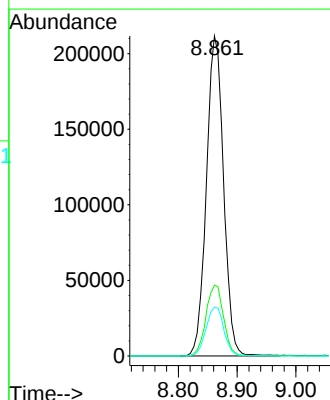
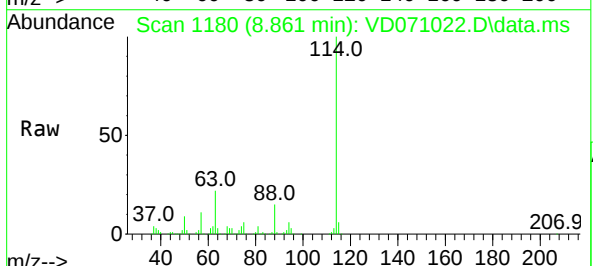
Tgt Ion:114 Resp: 429786

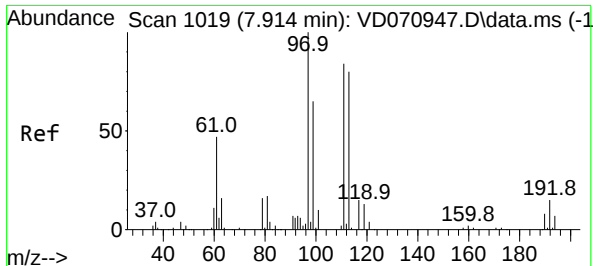
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

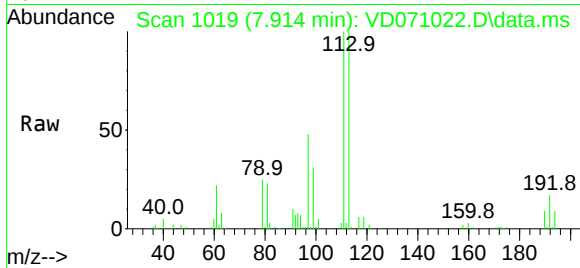
88 15.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 51.455 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

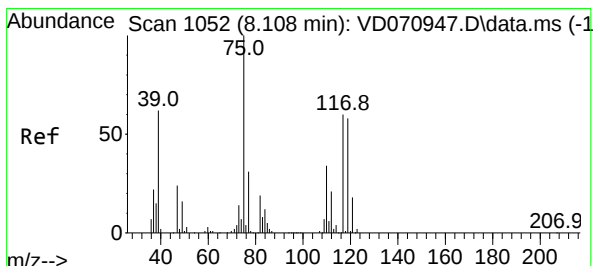
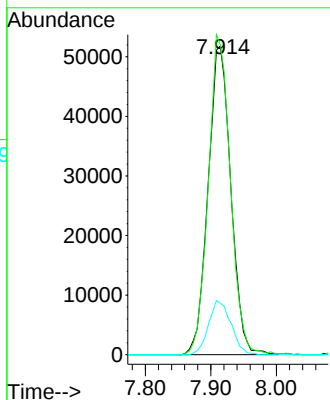
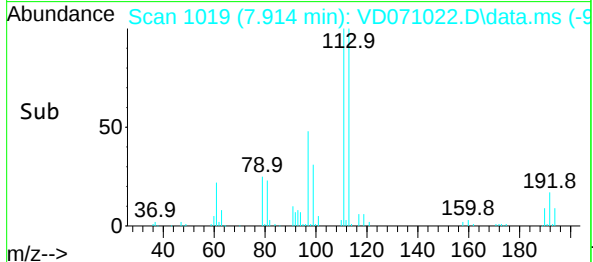
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



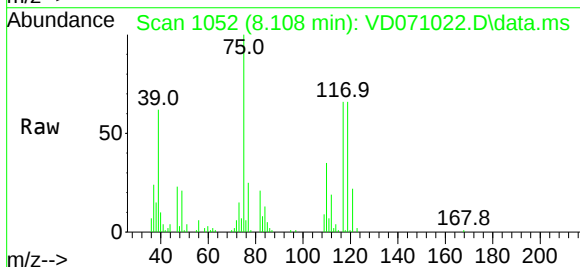
Tgt Ion: 113 Resp: 124789
Ion Ratio Lower Upper
113 100
111 100.7 82.0 123.0
192 17.3 15.2 22.8

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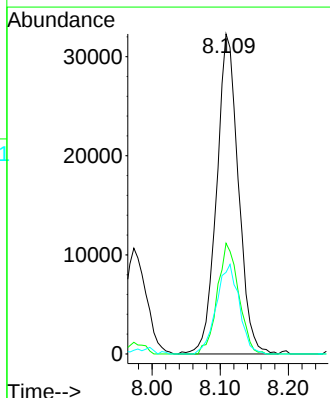
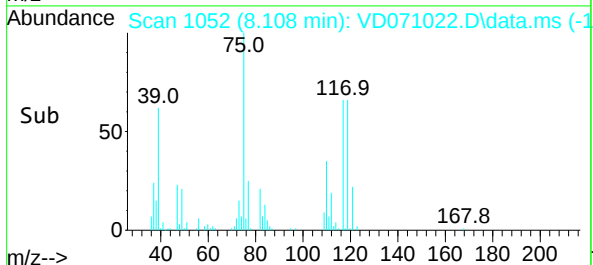
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

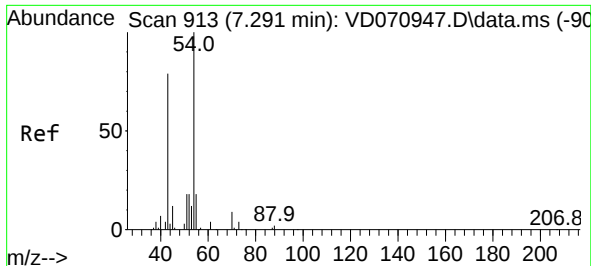


#36
1,1-Dichloropropene
Concen: 18.698 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



Tgt Ion: 75 Resp: 71749
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.4
77 29.4 24.8 37.2





#37

Ethyl Acetate

Concen: 15.320 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD071022.D

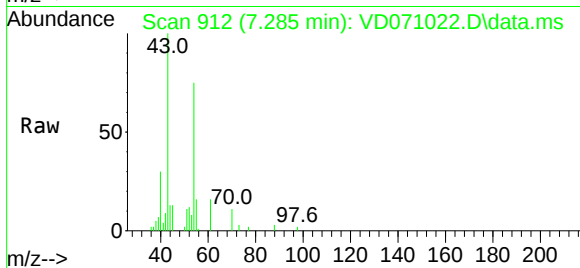
Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

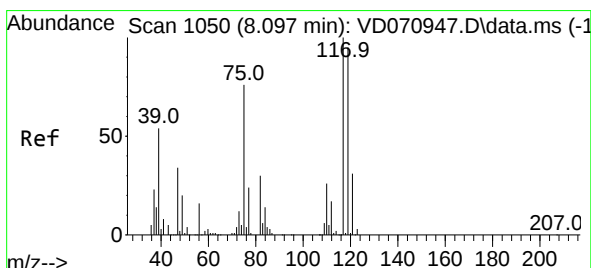
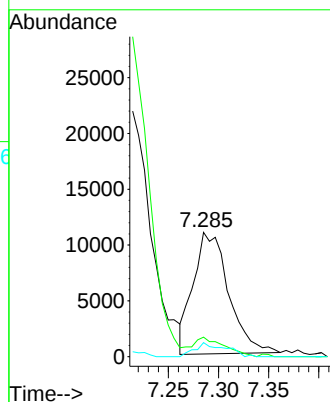
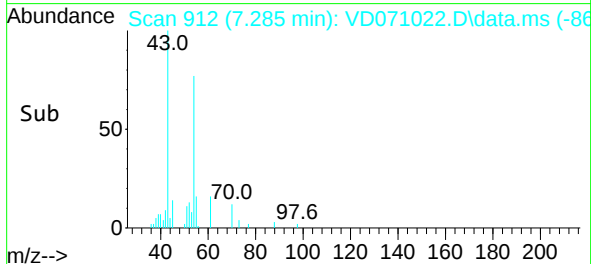


Tgt Ion: 43 Resp: 2682

Ion	Ratio	Lower	Upper
43	100		
61	13.6	13.0	19.6
70	9.8	8.7	13.1

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



#38

Carbon Tetrachloride

Concen: 19.385 ug/l

RT: 8.097 min Scan# 1050

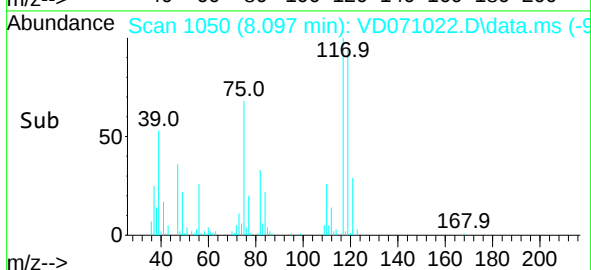
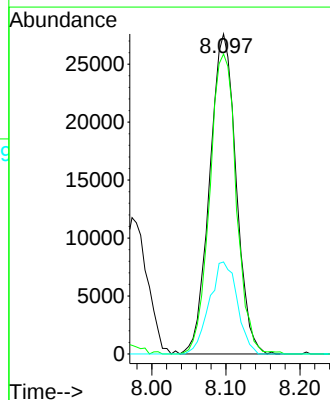
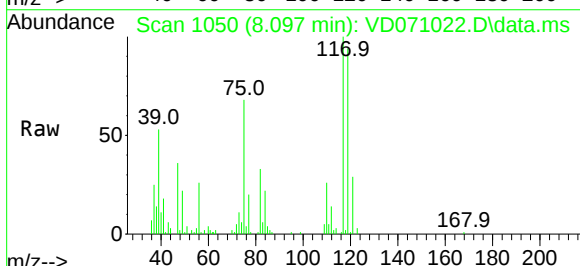
Delta R.T. -0.000 min

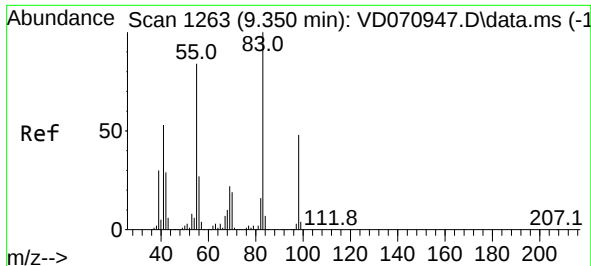
Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Tgt Ion:117 Resp: 68503

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.6
121	28.7	23.6	35.4





#39

Methylcyclohexane

Concen: 17.941 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD071022.D

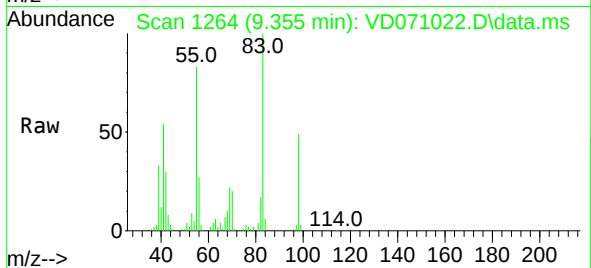
Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

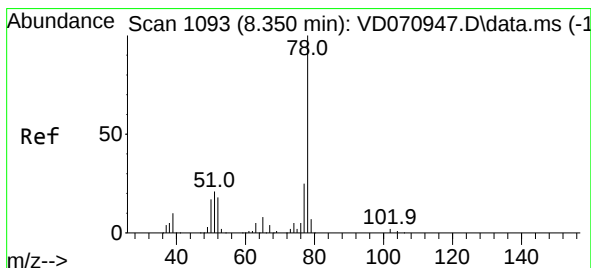
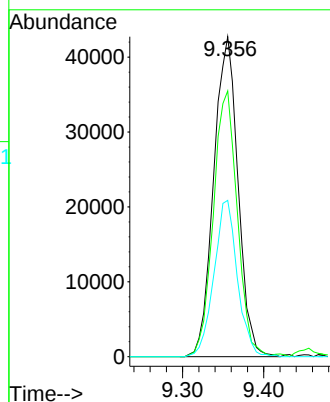


Tgt Ion:	83	Resp:	8891
Ion Ratio	Lower	Upper	
83	100		
55	83.1	65.8	98.8
98	48.9	38.7	58.1

Manual Integrations

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



#40

Benzene

Concen: 17.941 ug/l

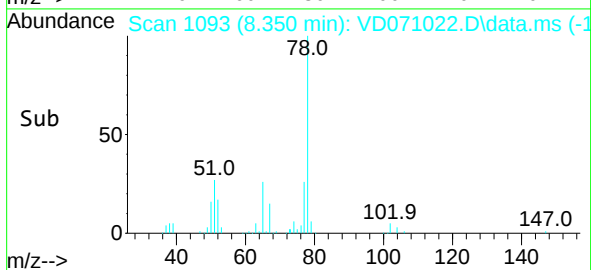
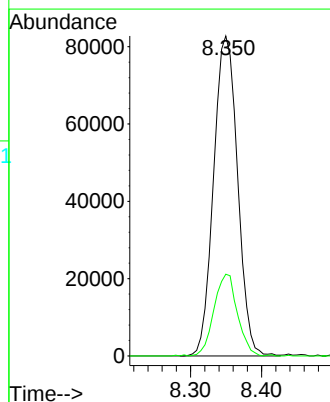
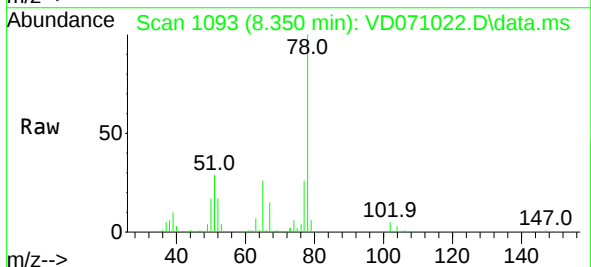
RT: 8.350 min Scan# 1093

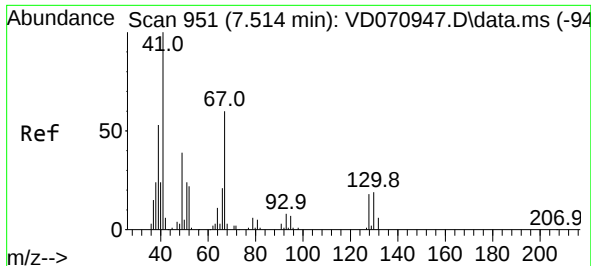
Delta R.T. -0.000 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

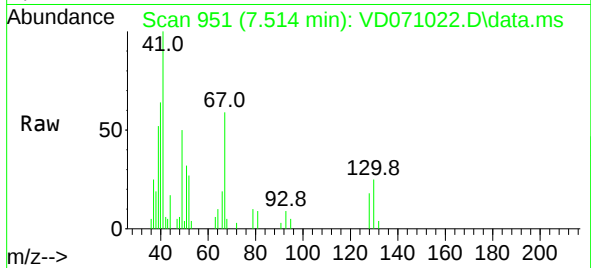
Tgt Ion:	78	Resp:	193883
Ion Ratio	Lower	Upper	
78	100		
77	25.5	19.1	28.7





#41
Methacrylonitrile
Concen: 13.198 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

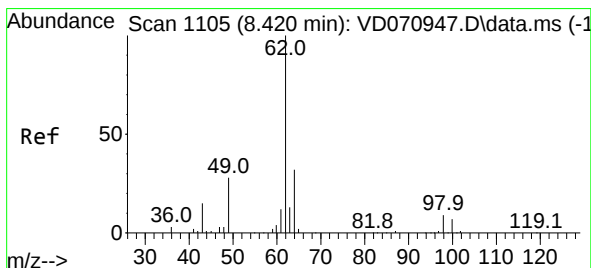
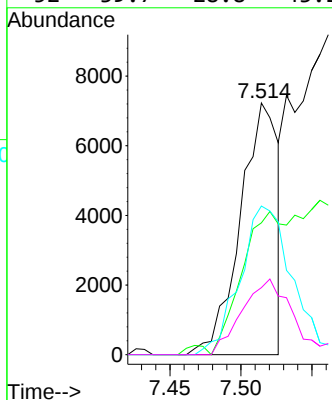
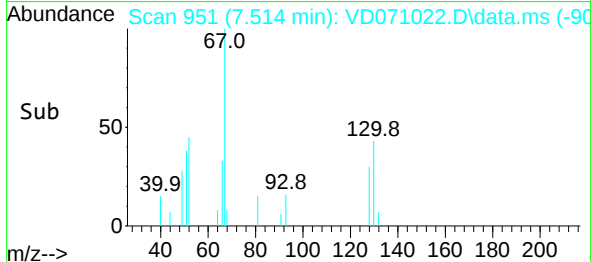
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



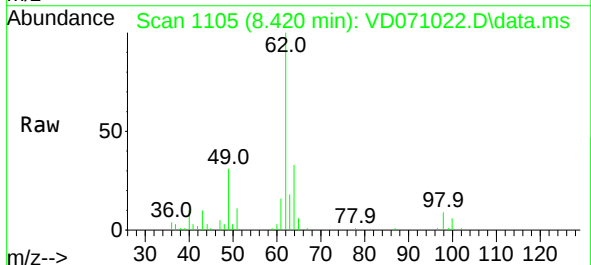
Tgt Ion: 41 Resp: 13384
Ion Ratio Lower Upper
41 100
39 66.2 60.2 90.4
67 81.0 74.8 112.2
52 39.7 28.8 43.2

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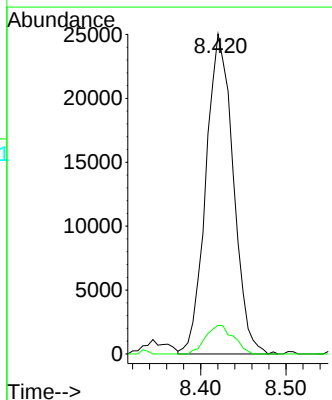
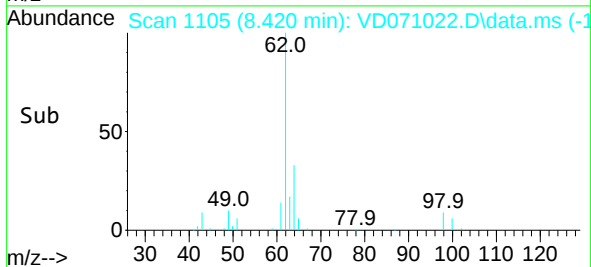
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

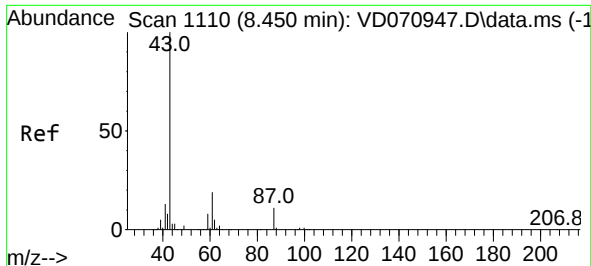


#42
1,2-Dichloroethane
Concen: 18.239 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



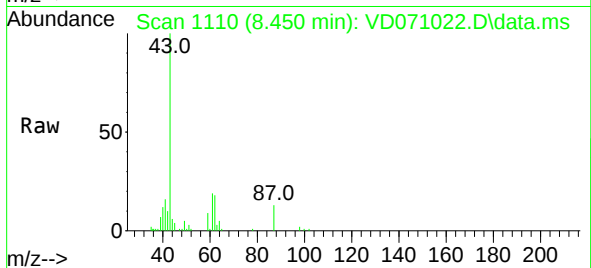
Tgt Ion: 62 Resp: 55827
Ion Ratio Lower Upper
62 100
98 9.1 0.0 21.8





#43
Isopropyl Acetate
Concen: 15.674 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

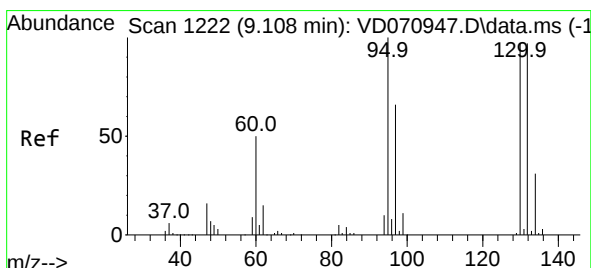
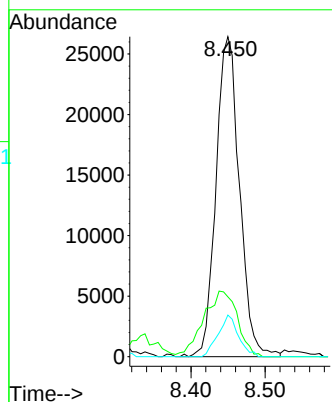
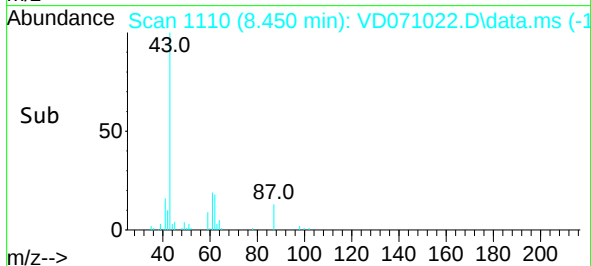
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



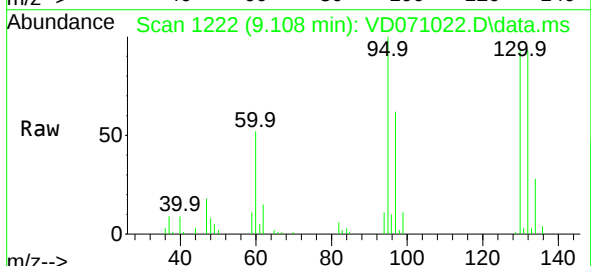
Tgt Ion: 43 Resp: 58070
Ion Ratio Lower Upper
43 100
61 29.5 28.2 42.4
87 11.2 10.7 16.1

Manual Integrations
APPROVED

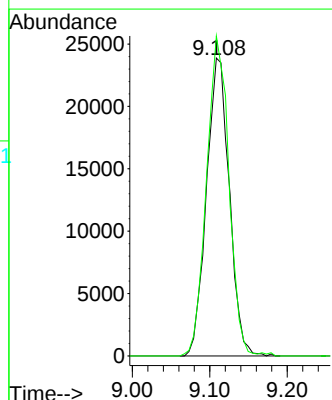
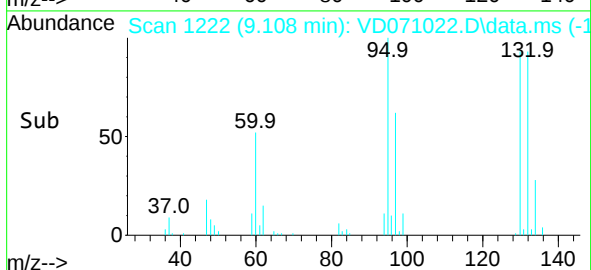
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

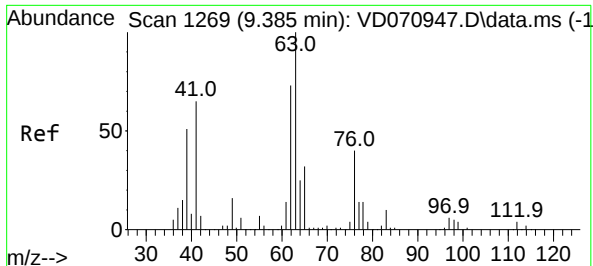


#44
Trichloroethene
Concen: 17.558 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



Tgt Ion:130 Resp: 48908
Ion Ratio Lower Upper
130 100
95 107.4 0.0 193.2





#45

1,2-Dichloropropane

Concen: 17.146 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

Tgt Ion: 63 Resp: 5011

Ion Ratio Lower Upper

63 100

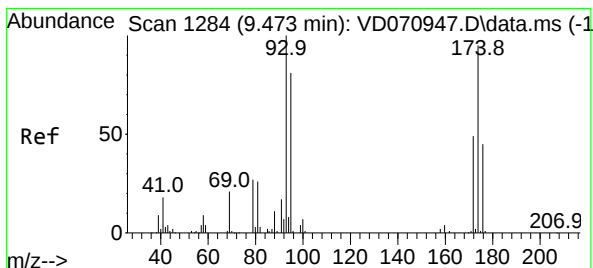
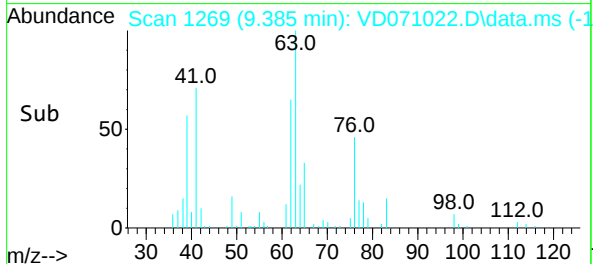
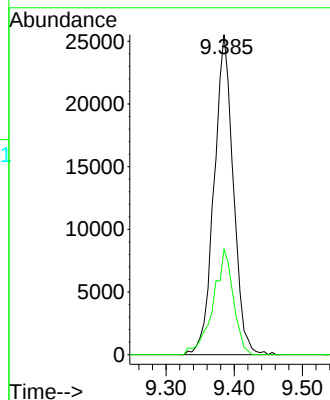
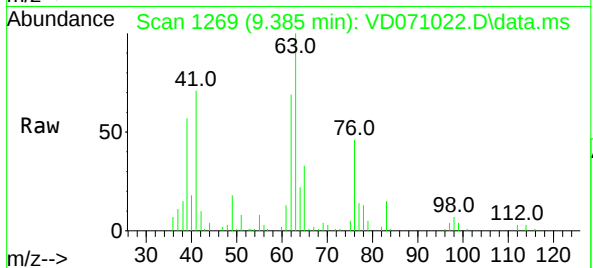
65 32.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 17.821 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

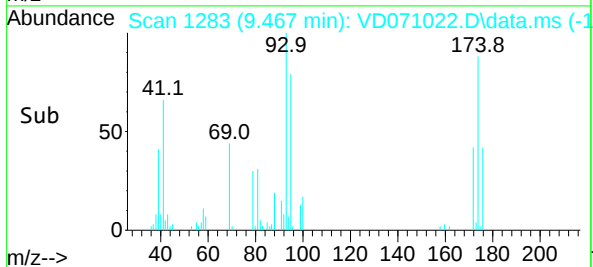
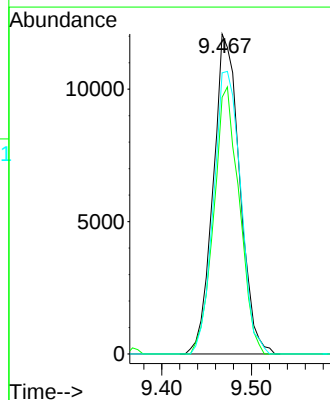
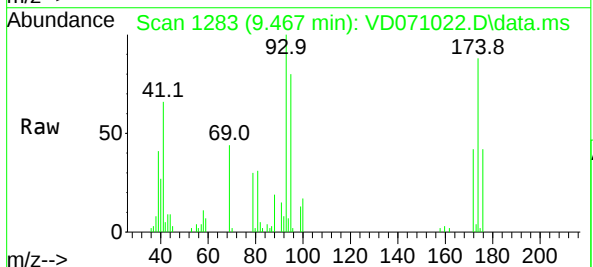
Tgt Ion: 93 Resp: 24791

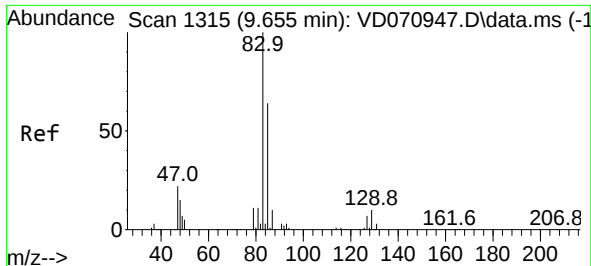
Ion Ratio Lower Upper

93 100

95 80.2 66.1 99.1

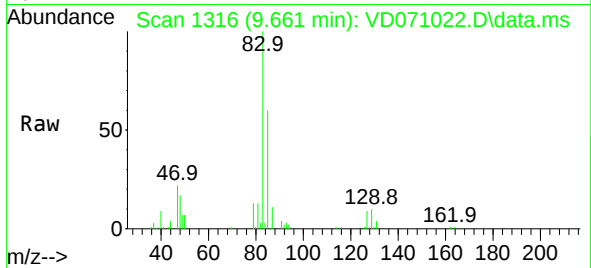
174 90.3 78.6 117.8





#47
Bromodichloromethane
Concen: 17.941 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

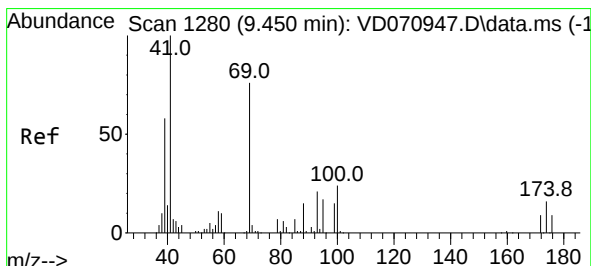
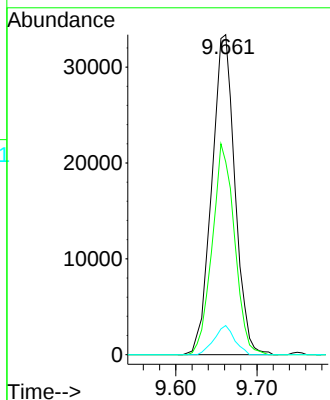
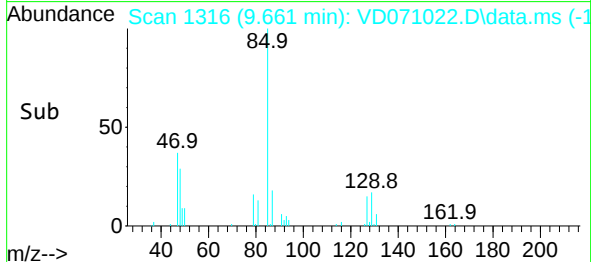
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion: 83 Resp: 6601
Ion Ratio Lower Upper
83 100
85 60.2 50.0 75.0
127 9.1 7.3 10.9

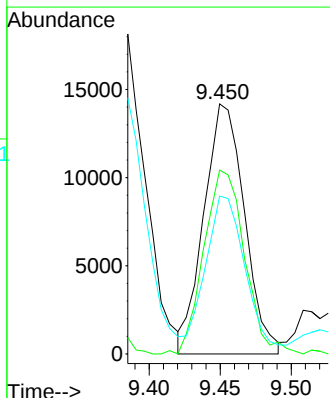
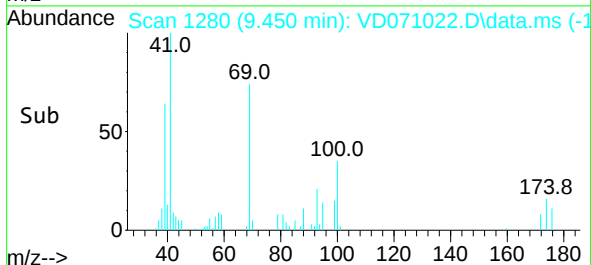
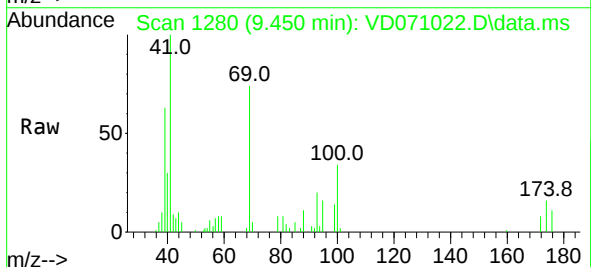
Manual Integrations
APPROVED

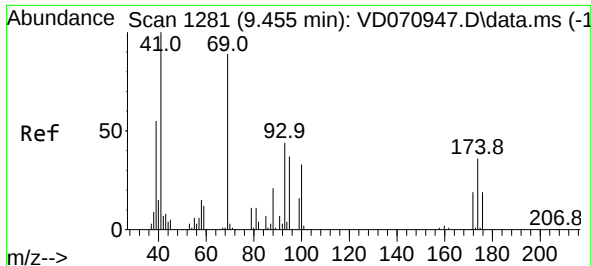
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 15.537 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion: 41 Resp: 28240
Ion Ratio Lower Upper
41 100
69 73.8 69.8 104.6
39 63.0 35.6 53.4





#49

1,4-Dioxane

Concen: 297.993 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

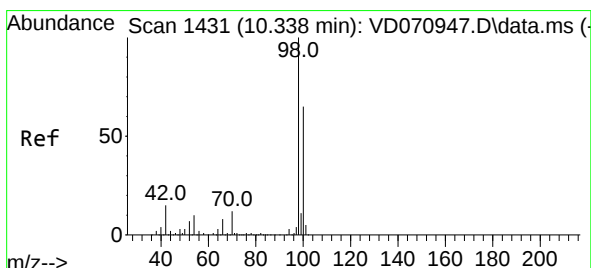
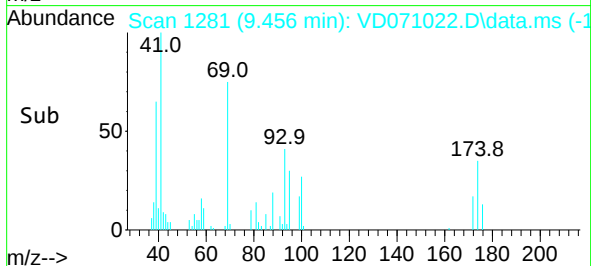
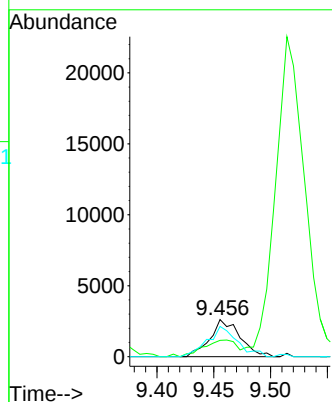
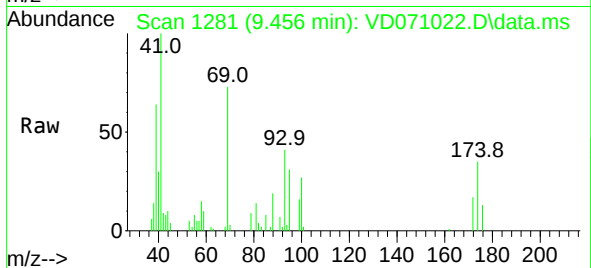
Tgt Ion: 88 Resp: 480

Ion	Ratio	Lower	Upper
88	100		
43	50.3	28.9	43.3
58	81.1	56.3	84.5

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 48.751 ug/l

RT: 10.338 min Scan# 1431

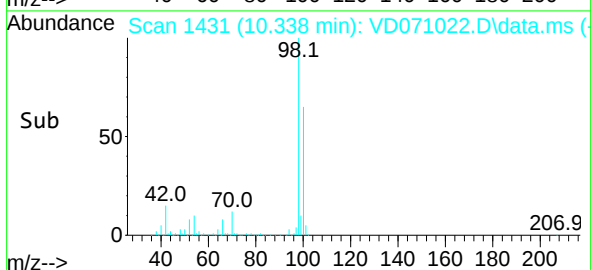
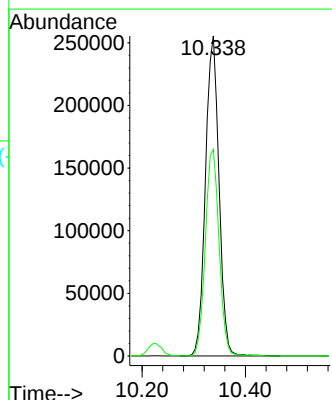
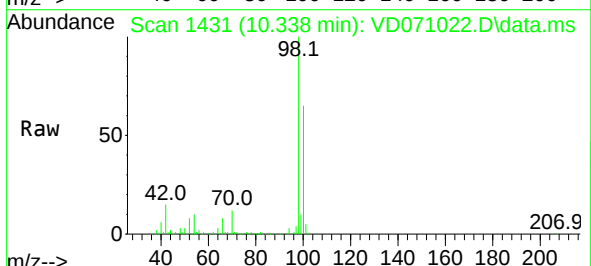
Delta R.T. -0.000 min

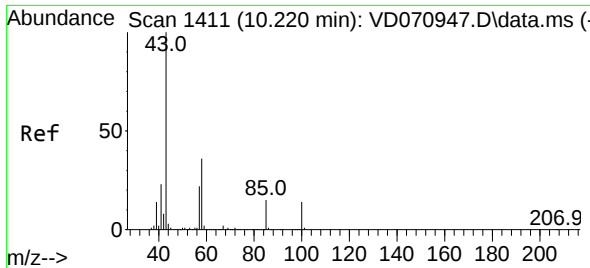
Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Tgt Ion: 98 Resp: 463017

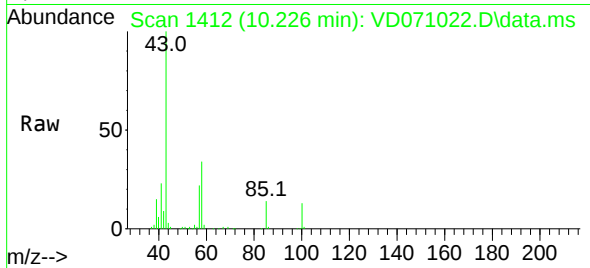
Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 78.639 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

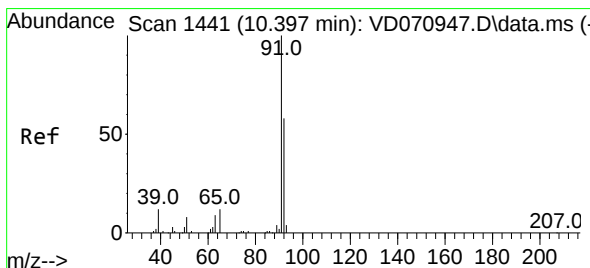
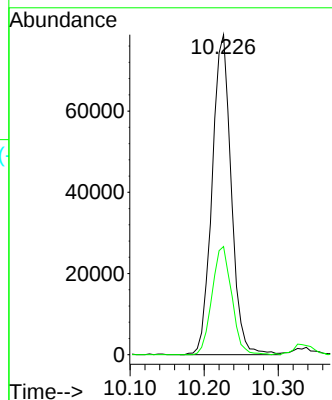
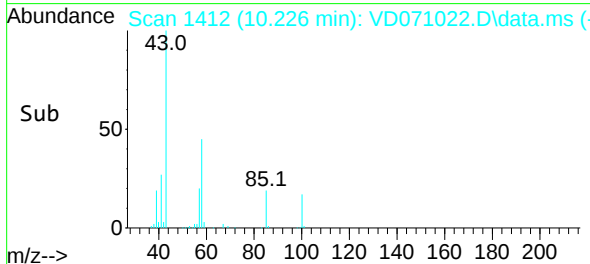
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion: 43 Resp: 14126
Ion Ratio Lower Upper
43 100
58 34.8 33.1 49.7

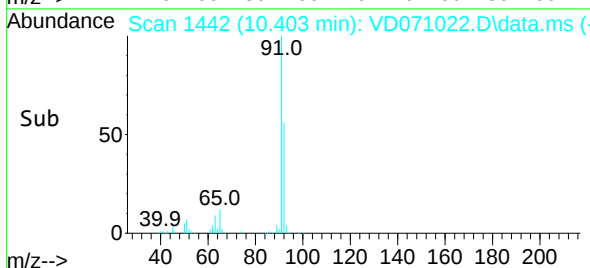
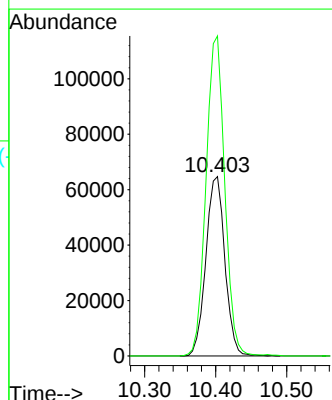
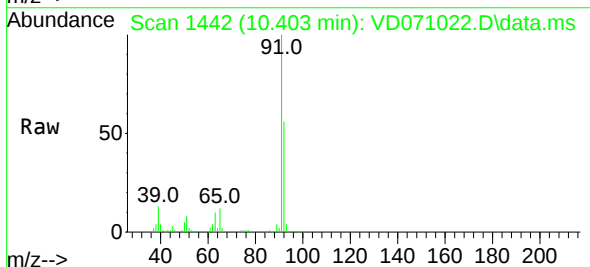
Manual Integrations
APPROVED

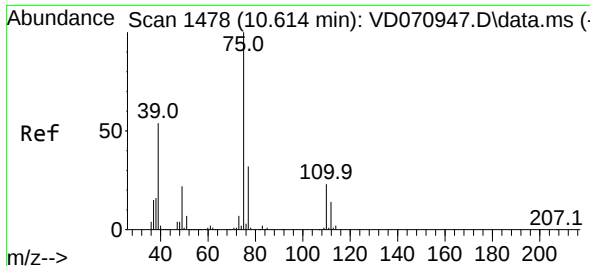
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 17.689 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.005 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion: 92 Resp: 120498
Ion Ratio Lower Upper
92 100
91 175.7 140.7 211.1





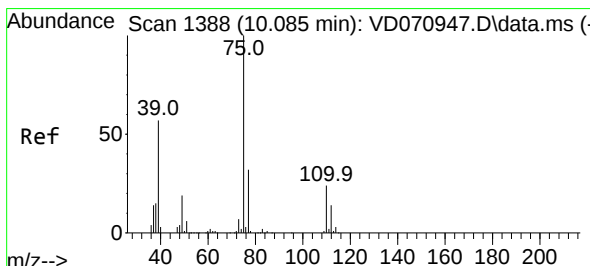
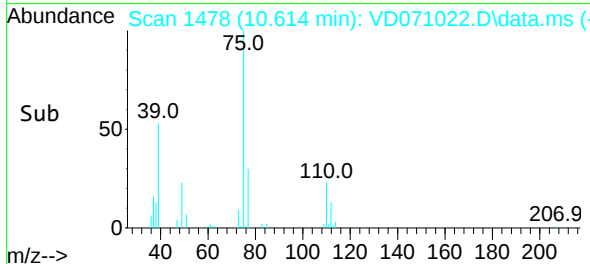
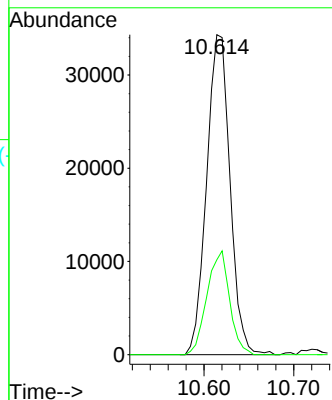
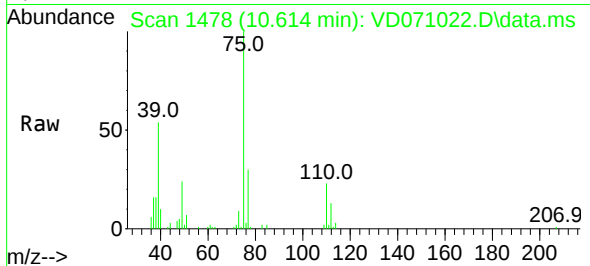
#53
t-1,3-Dichloropropene
Concen: 16.751 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 75 Resp: 6215
Ion Ratio Lower Upper
75 100
77 29.7 24.5 36.7

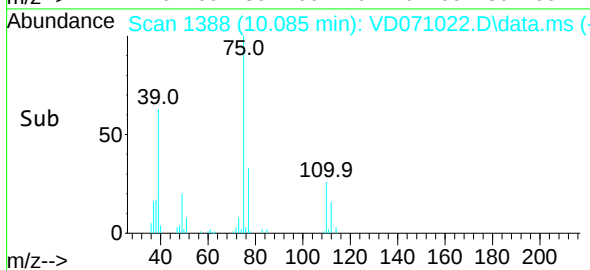
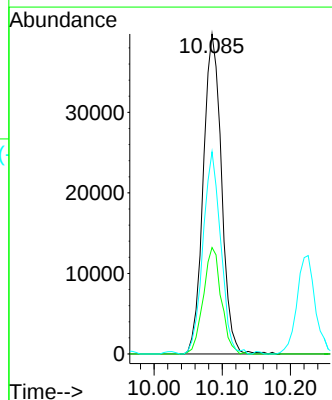
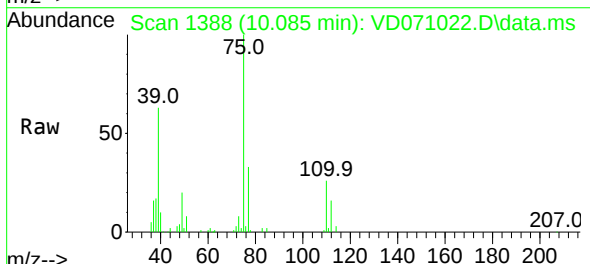
Manual Integrations
APPROVED

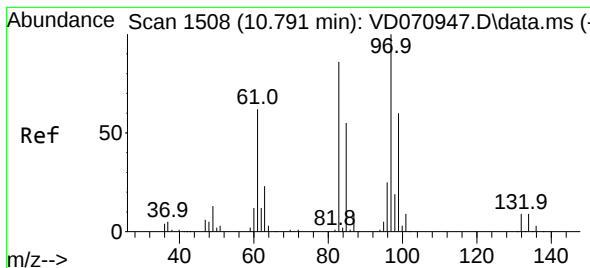
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 16.879 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

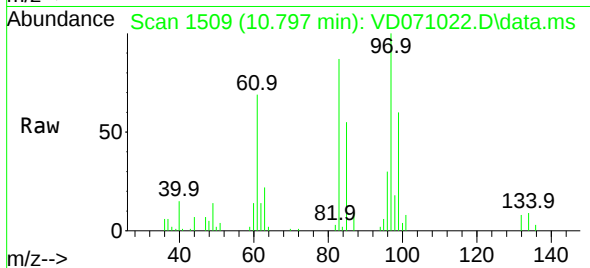
Tgt Ion: 75 Resp: 73852
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.6
39 63.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 17.383 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

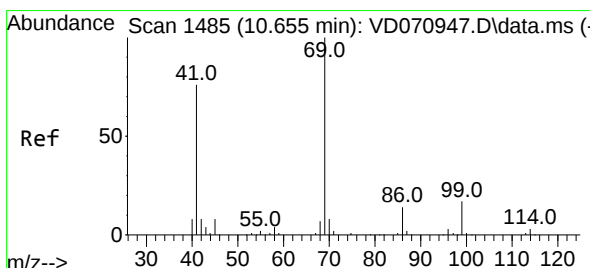
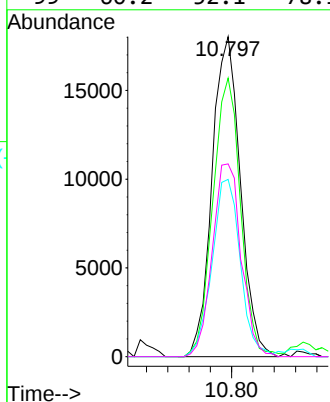
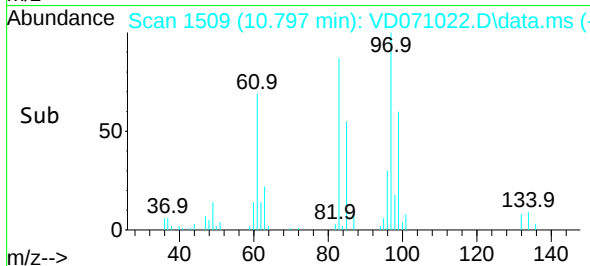
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



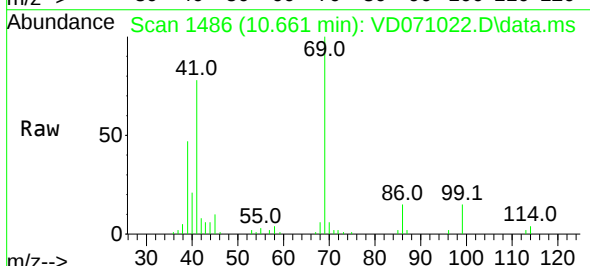
Tgt Ion: 97 Resp: 33235
Ion Ratio Lower Upper
97 100
83 87.0 65.2 97.8
85 55.4 43.4 65.0
99 60.2 52.1 78.1

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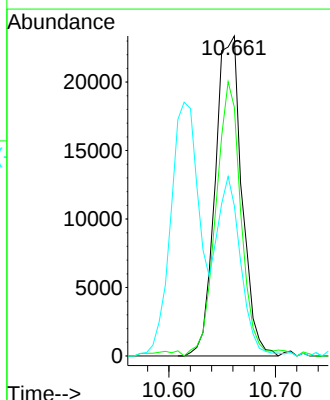
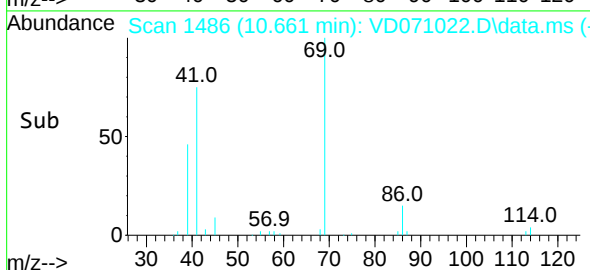
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

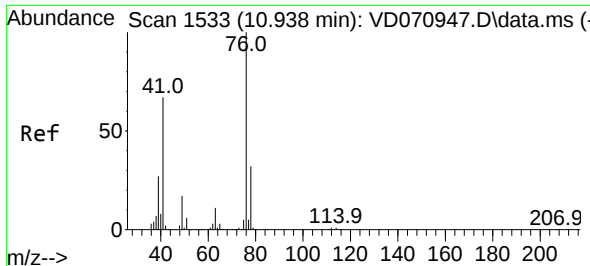


#56
Ethyl methacrylate
Concen: 15.018 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



Tgt Ion: 69 Resp: 40627
Ion Ratio Lower Upper
69 100
41 80.1 50.2 75.2#
39 49.8 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 16.925 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1115SBS01

Tgt Ion: 76 Resp: 5876

Ion Ratio Lower Upper

76 100

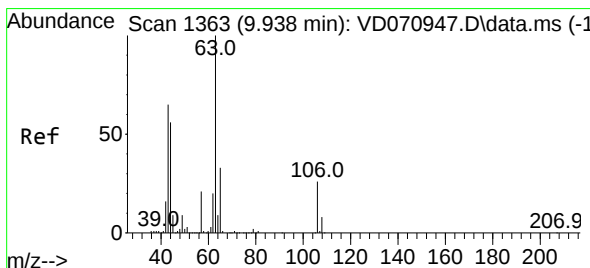
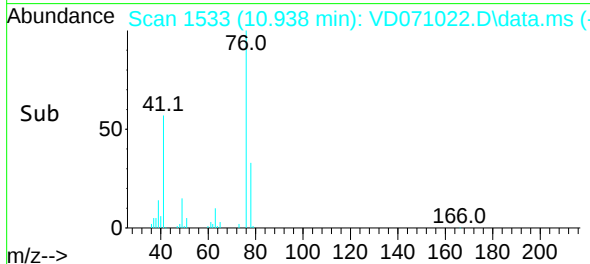
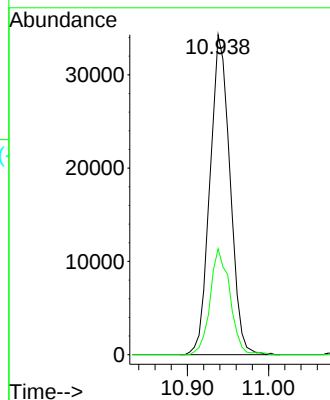
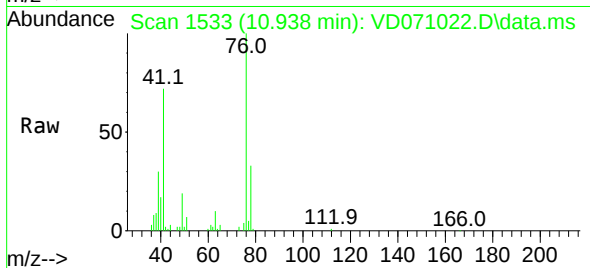
78 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 93.438 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071022.D

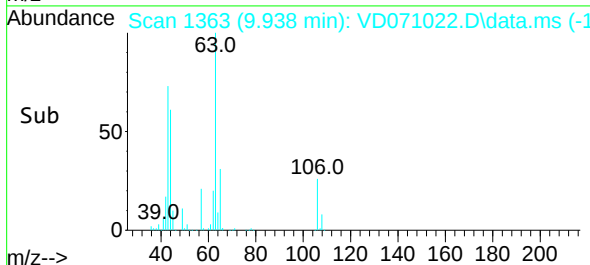
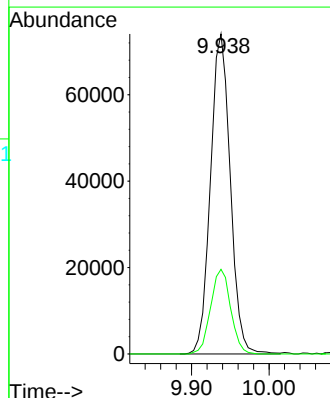
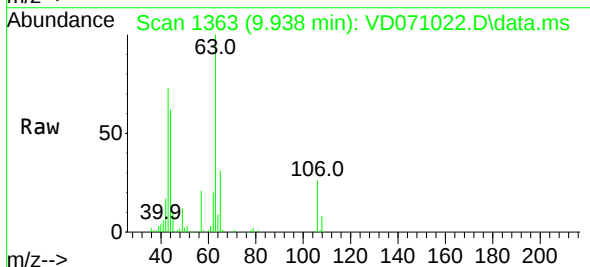
Acq: 15 Nov 2021 12:01

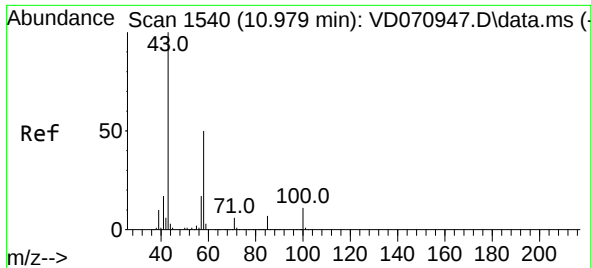
Tgt Ion: 63 Resp: 131406

Ion Ratio Lower Upper

63 100

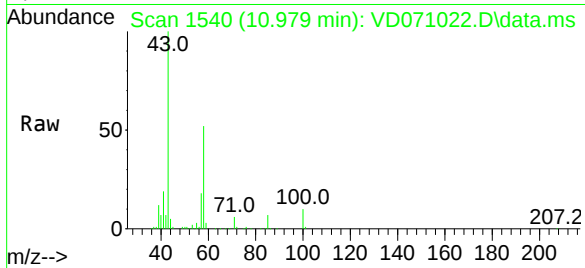
106 26.7 21.0 31.4





#59
2-Hexanone
Concen: 81.053 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

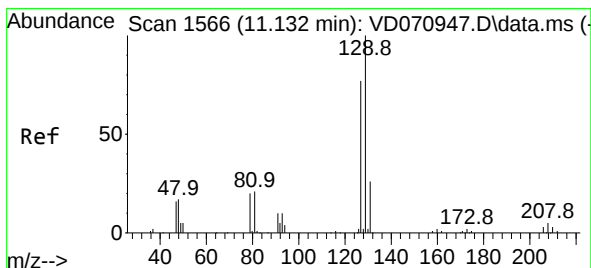
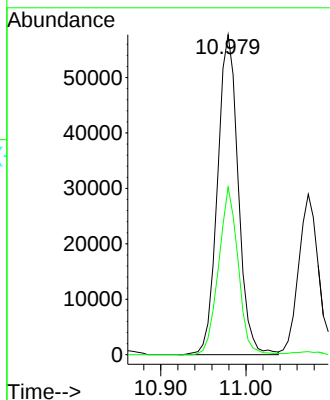
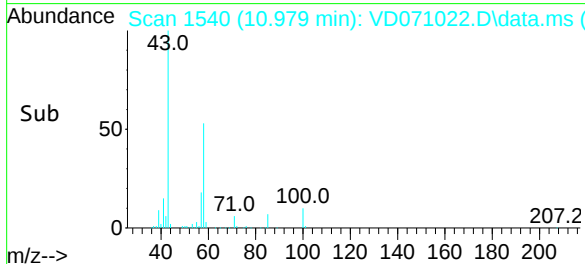
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion: 43 Resp: 97699
Ion Ratio Lower Upper
43 100
58 49.4 28.7 86.1

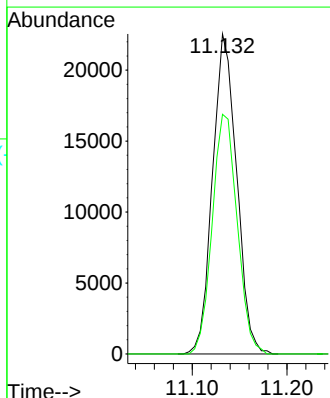
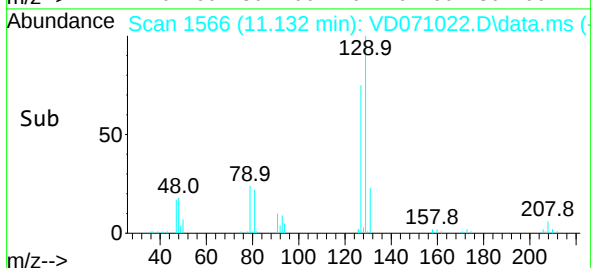
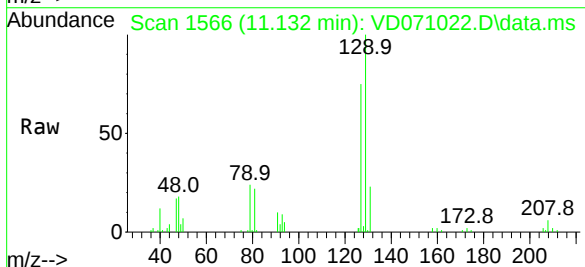
Manual Integrations
APPROVED

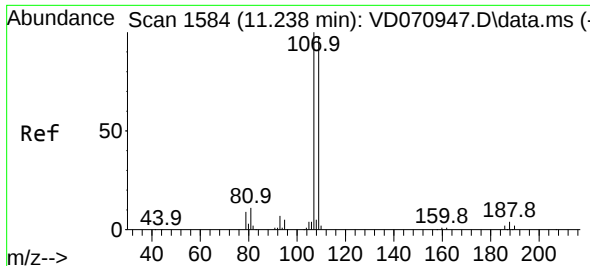
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 17.376 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

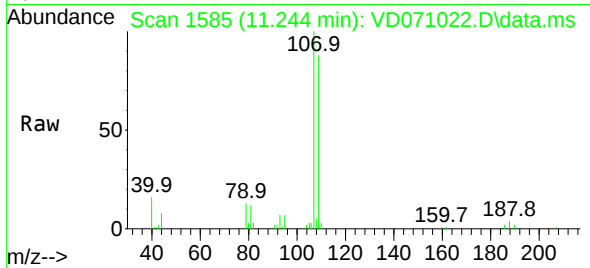
Tgt Ion:129 Resp: 39855
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61
1,2-Dibromoethane
Concen: 17.039 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

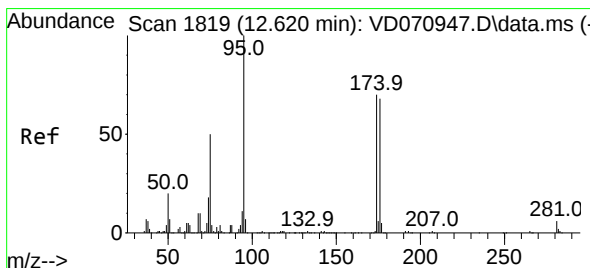
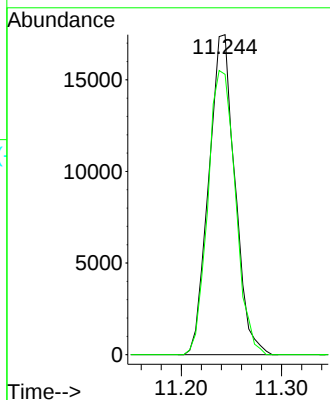
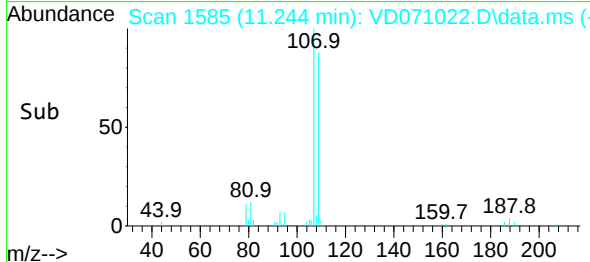
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



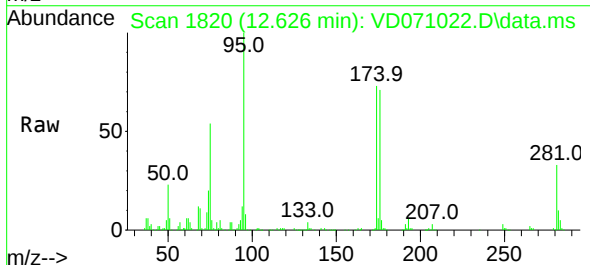
Tgt Ion:107 Resp: 31689
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

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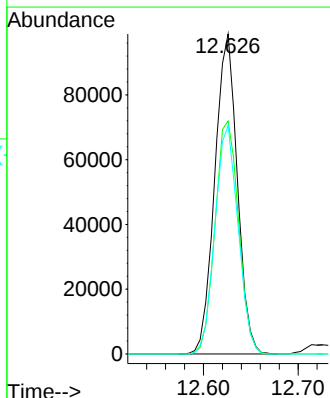
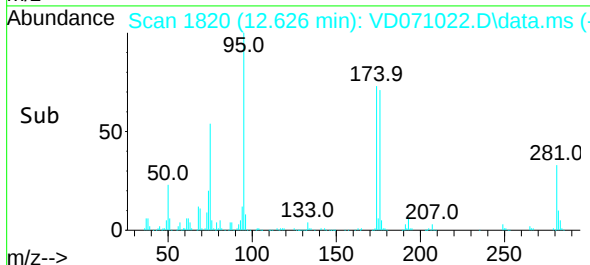
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

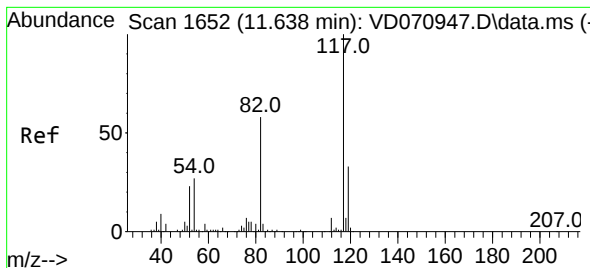


#62
4-Bromofluorobenzene
Concen: 47.672 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



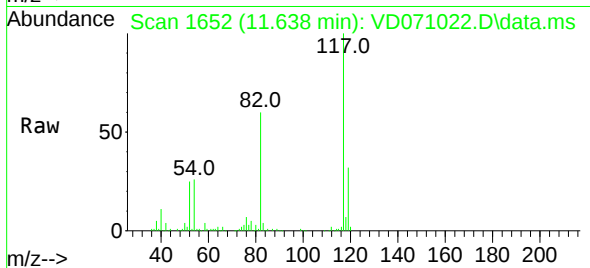
Tgt Ion: 95 Resp: 163025
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.4
176 73.2 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

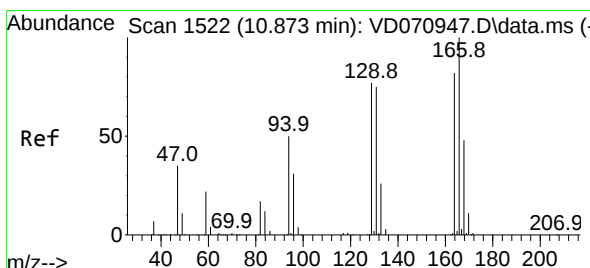
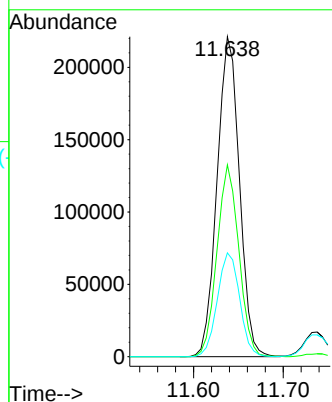
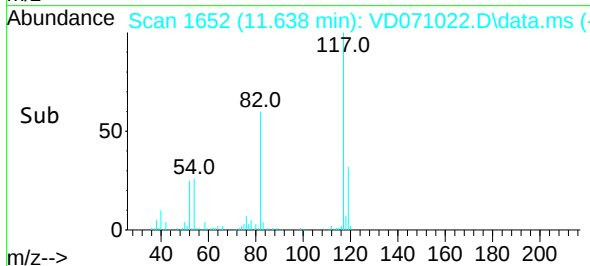
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion:117 Resp: 38265
Ion Ratio Lower Upper
117 100
82 60.0 44.7 67.1
119 32.4 26.2 39.4

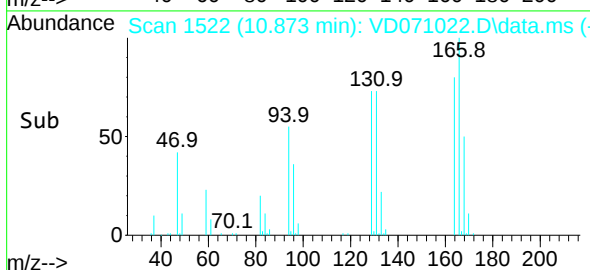
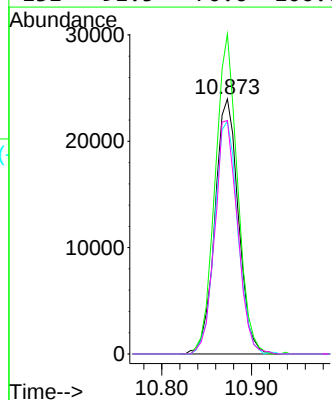
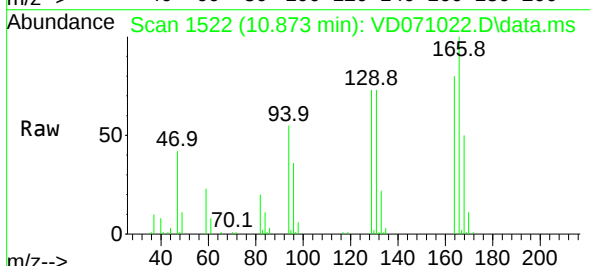
Manual Integrations
APPROVED

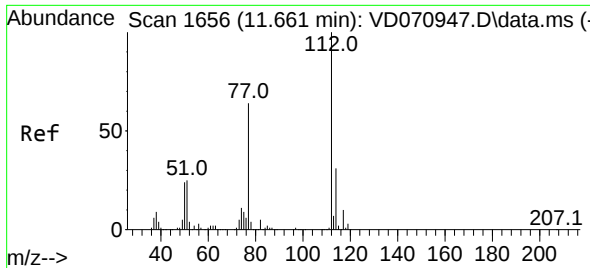
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 19.464 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

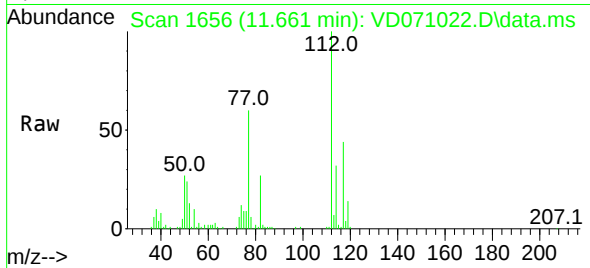
Tgt Ion:164 Resp: 43430
Ion Ratio Lower Upper
164 100
166 125.4 102.6 153.8
129 91.3 75.4 113.0
131 91.5 70.6 106.0





#65
Chlorobenzene
Concen: 18.052 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

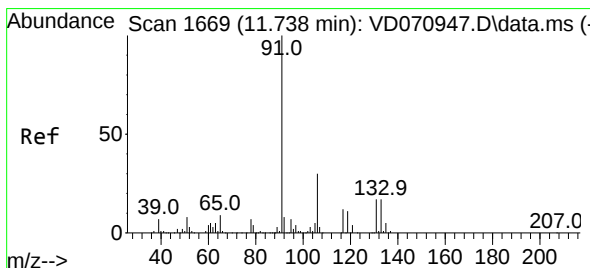
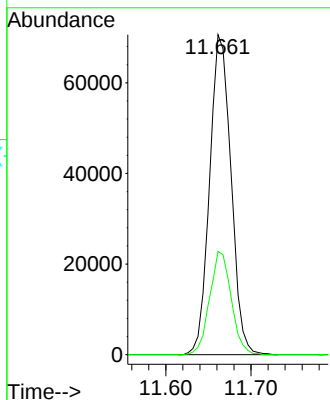
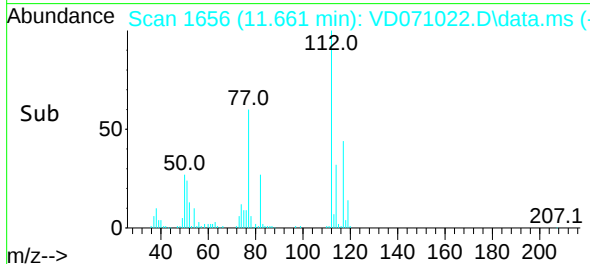
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



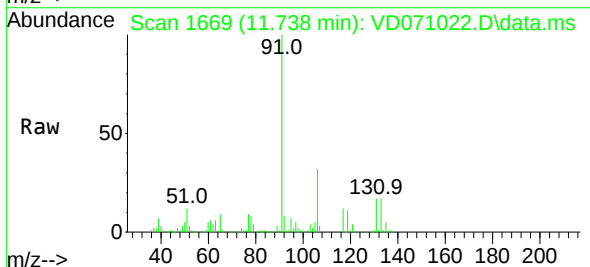
Tgt Ion:112 Resp: 12325
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

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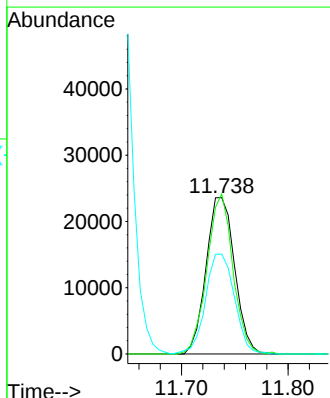
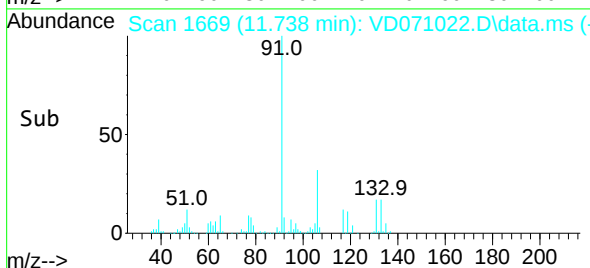
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

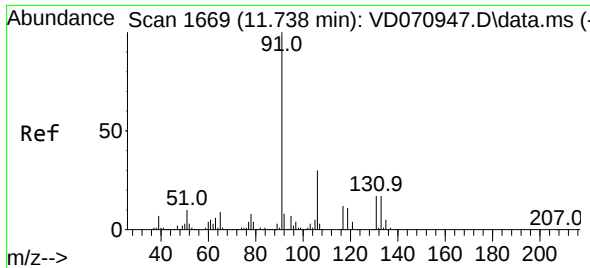


#66
1,1,1,2-Tetrachloroethane
Concen: 18.104 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



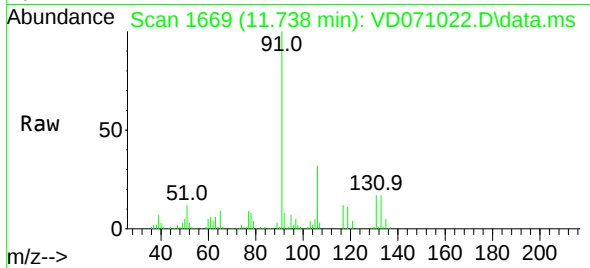
Tgt Ion:131 Resp: 43872
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.0
119 64.7 33.5 100.4





#67
Ethyl Benzene
Concen: 17.902 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

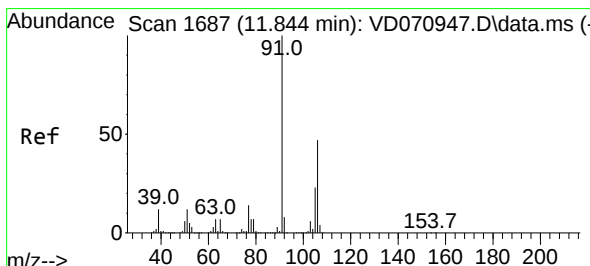
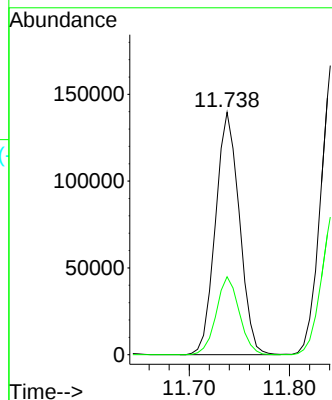
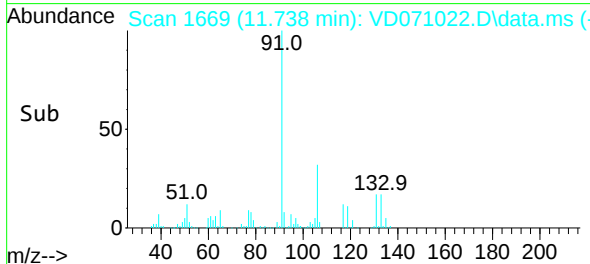
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



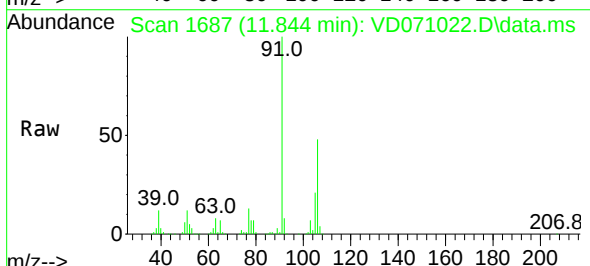
Tgt Ion: 91 Resp: 231464
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

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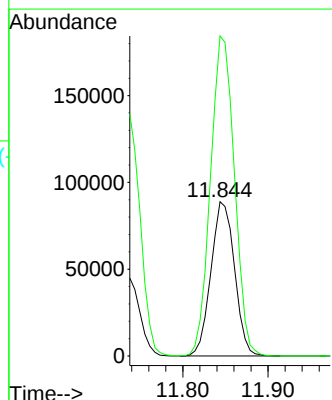
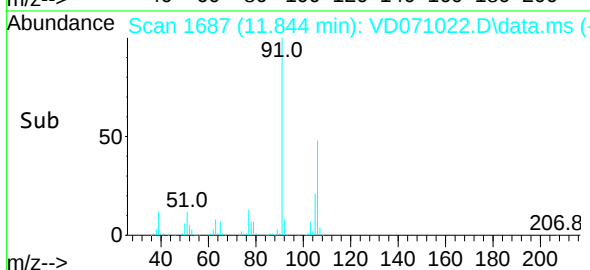
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

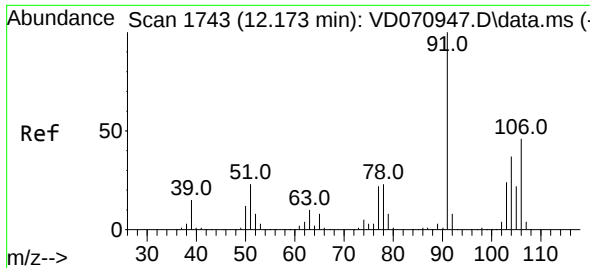


#68
m/p-Xylenes
Concen: 35.315 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



Tgt Ion:106 Resp: 170655
Ion Ratio Lower Upper
106 100
91 210.9 160.1 240.1





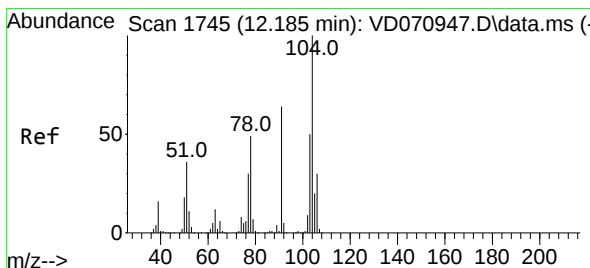
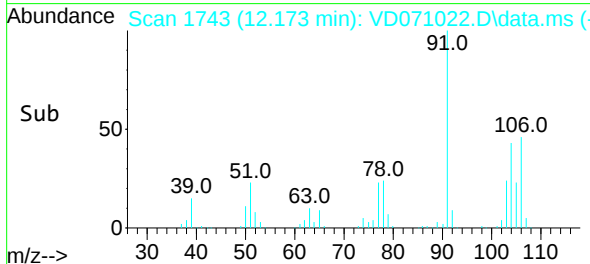
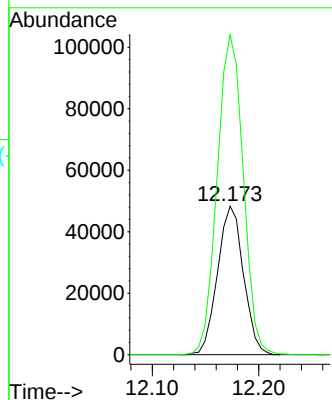
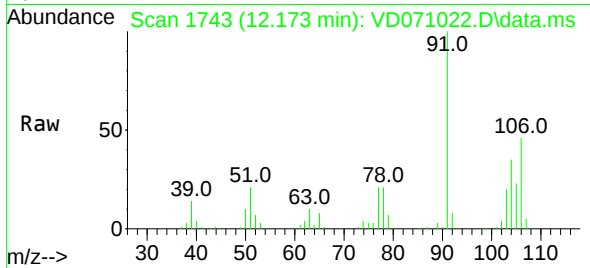
#69
o-Xylene
Concen: 17.752 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion:106 Resp: 81598
Ion Ratio Lower Upper
106 100
91 217.0 106.3 319.0

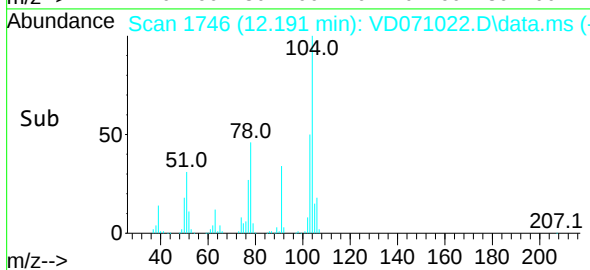
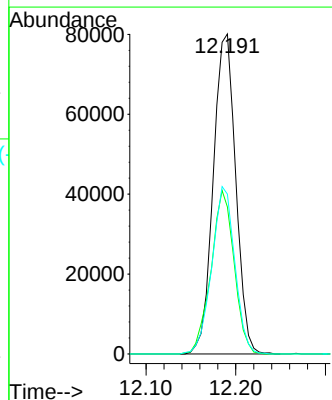
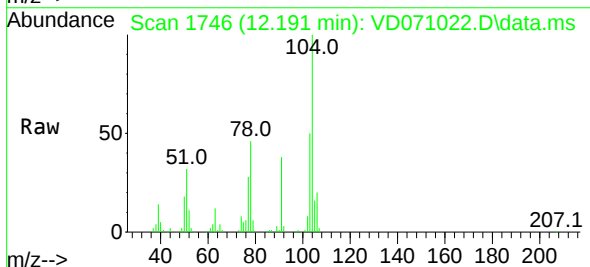
Manual Integrations
APPROVED

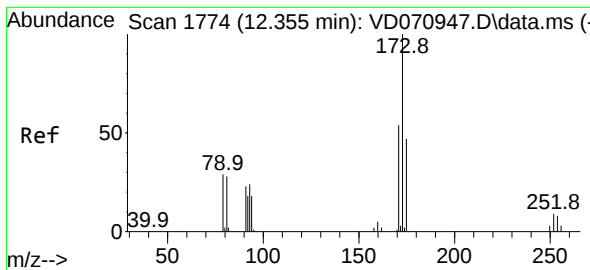
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 17.879 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

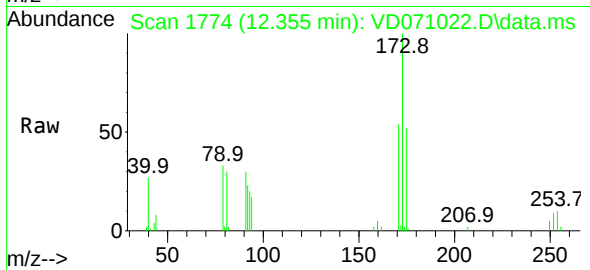
Tgt Ion:104 Resp: 139148
Ion Ratio Lower Upper
104 100
78 52.5 39.4 59.0
103 53.6 43.4 65.0





#71
Bromoform
Concen: 16.417 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

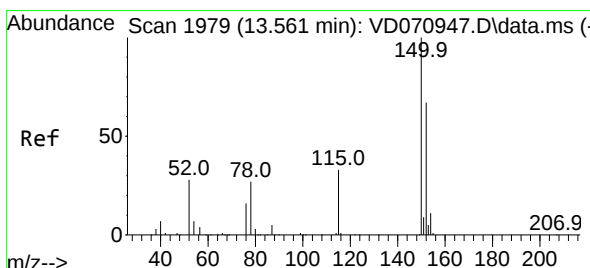
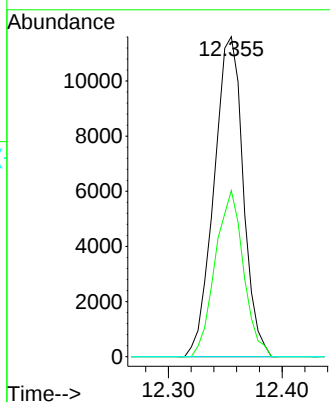
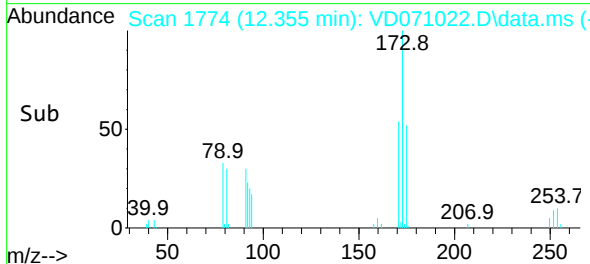
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



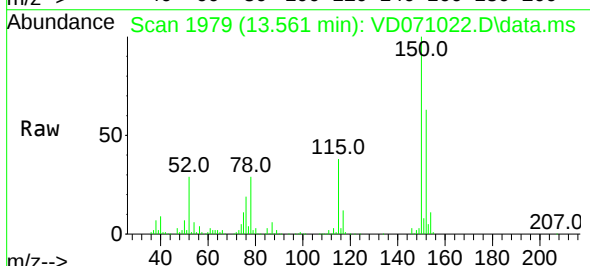
Tgt Ion:173 Resp: 20740
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.2
254 0.0 0.1 0.1

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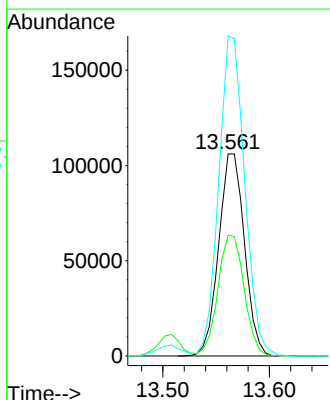
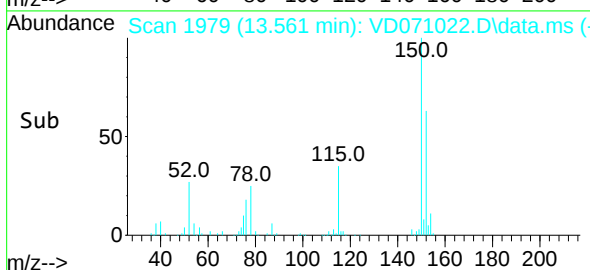
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

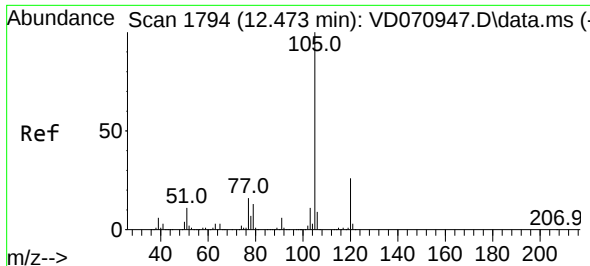


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



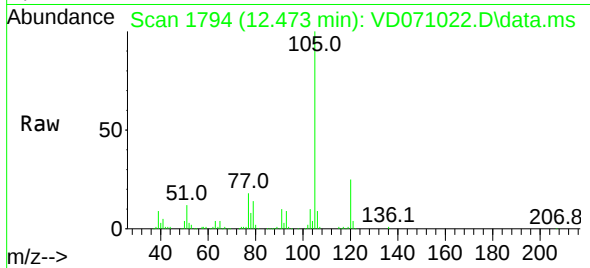
Tgt Ion:152 Resp: 178503
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 159.3 0.0 349.2





#73
Isopropylbenzene
Concen: 17.336 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

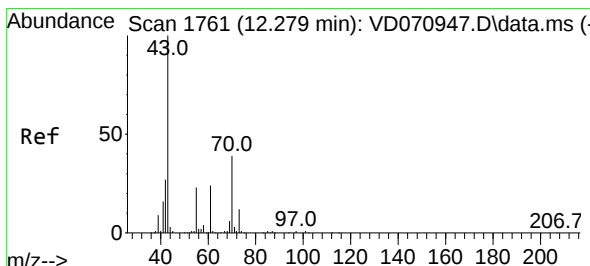
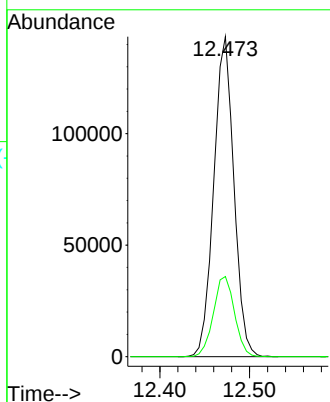
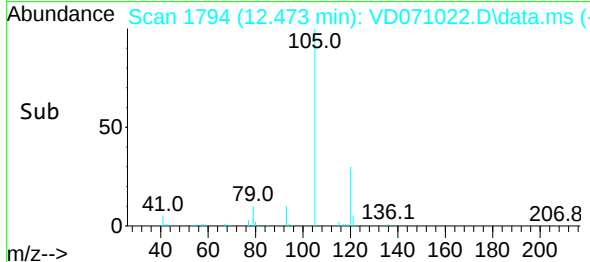
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion:105 Resp: 222938
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

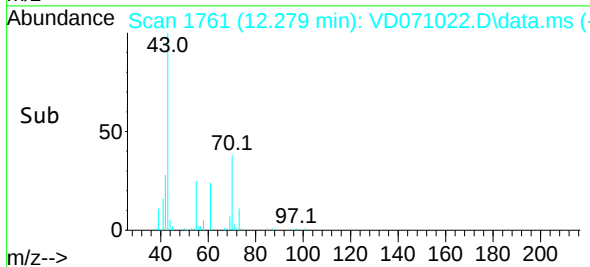
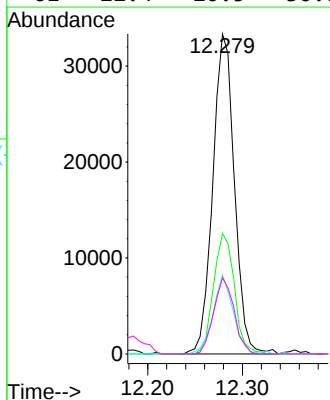
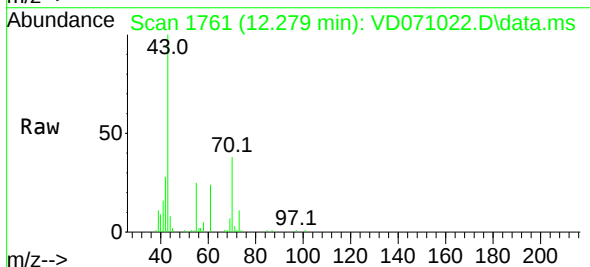
Manual Integrations
APPROVED

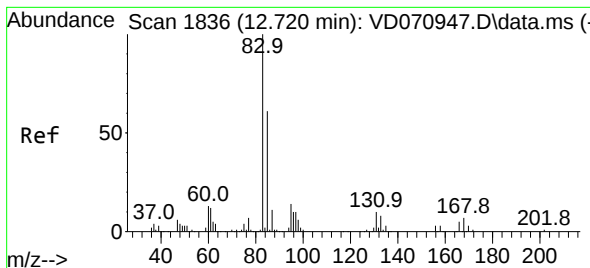
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 14.414 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

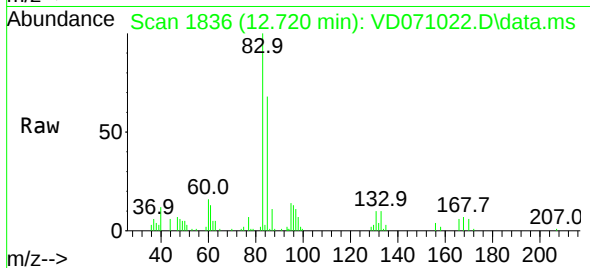
Tgt Ion: 43 Resp: 52954
Ion Ratio Lower Upper
43 100
70 36.1 36.6 55.0#
55 23.0 22.5 33.7
61 22.4 20.5 30.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 15.732 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

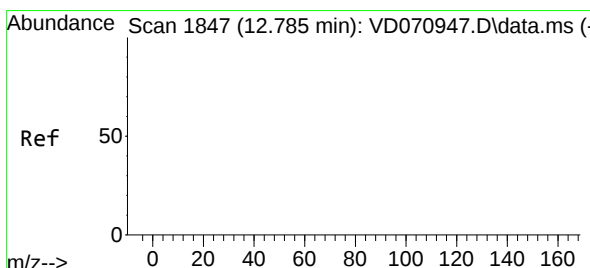
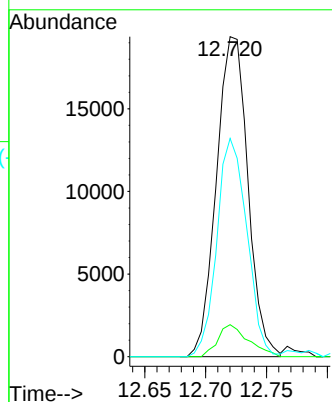
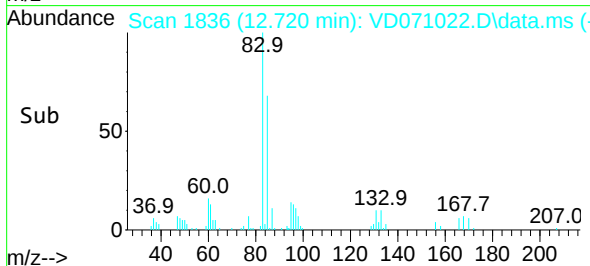
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01



Tgt Ion: 83 Resp: 3482
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 65.0 32.0 96.2

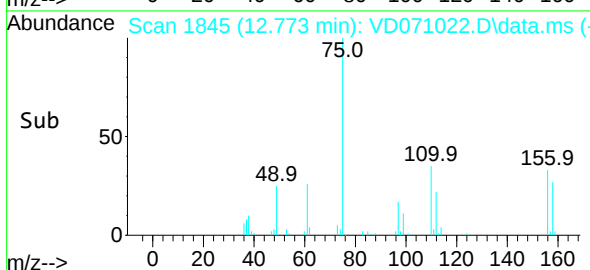
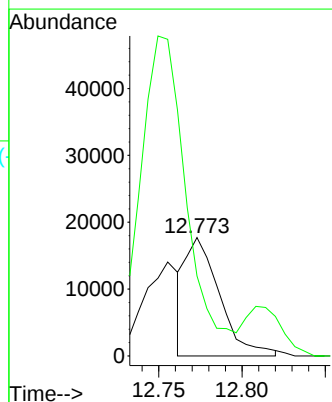
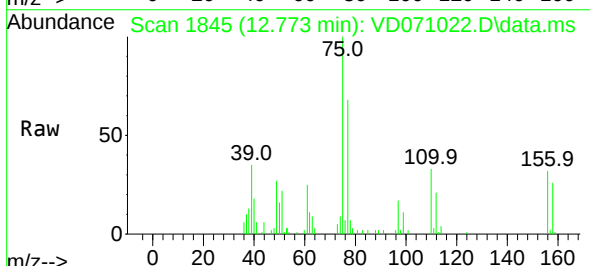
Manual Integrations
 APPROVED

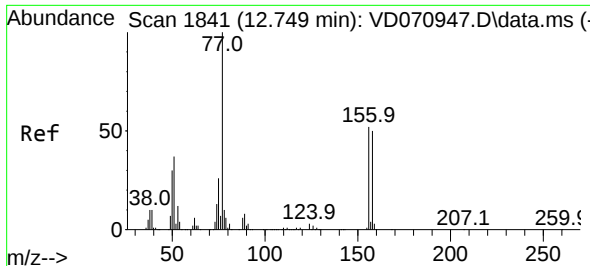
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#76
 1,2,3-Trichloropropane
 Concen: 16.600 ug/l m
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.012 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

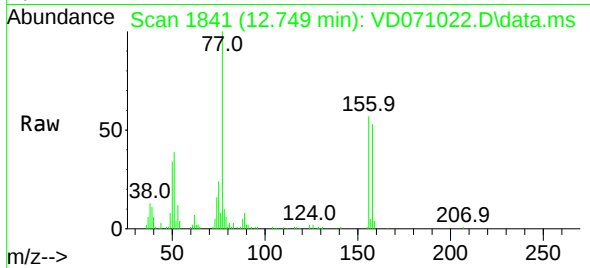
Tgt Ion: 75 Resp: 25311
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 17.256 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

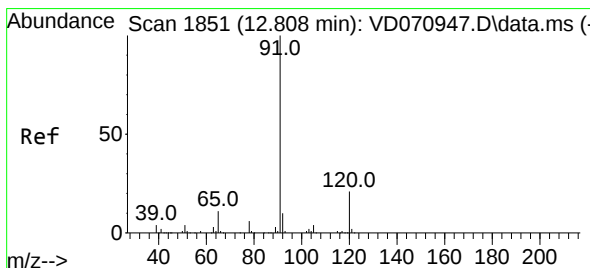
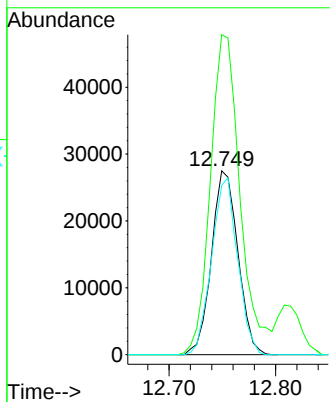
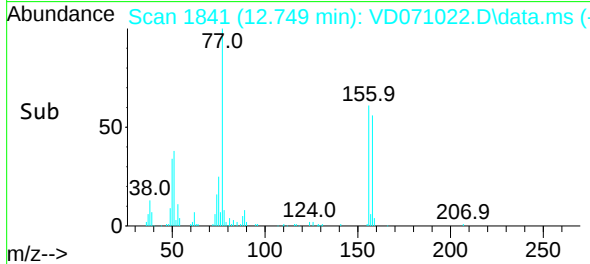
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



Tgt Ion:156 Resp: 4741
Ion Ratio Lower Upper
156 100
77 195.5 96.6 289.8
158 94.3 49.1 147.4

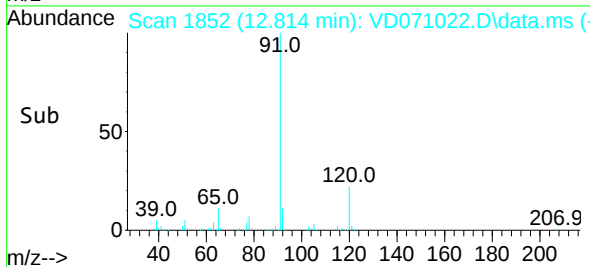
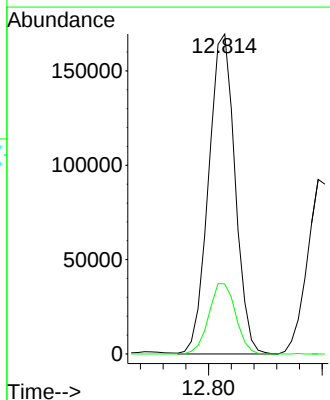
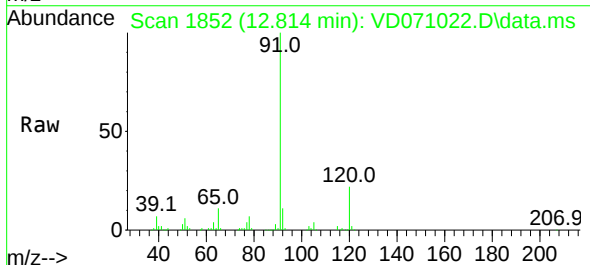
Manual Integrations
APPROVED

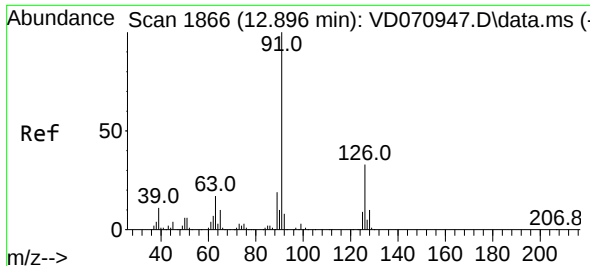
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 17.218 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

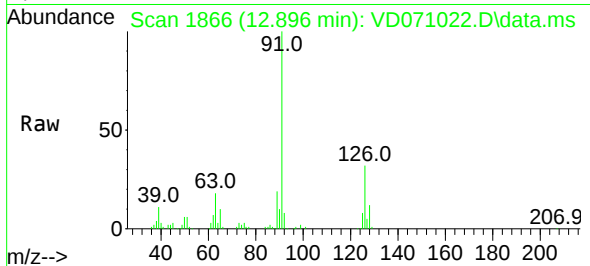
Tgt Ion: 91 Resp: 274352
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#79
2-Chlorotoluene
Concen: 17.019 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

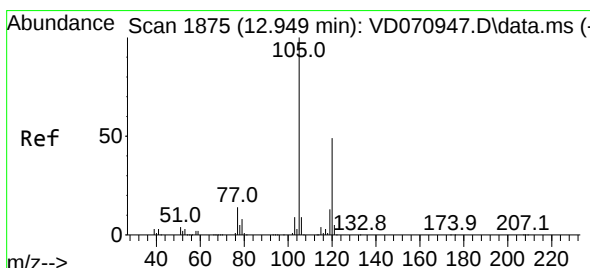
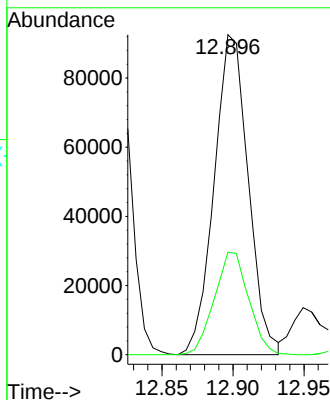
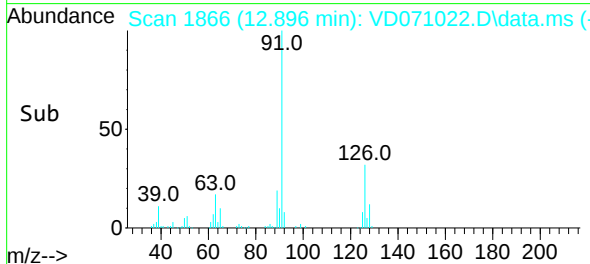
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



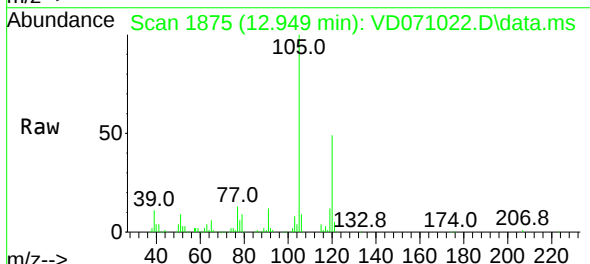
Tgt Ion: 91 Resp: 15462
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7

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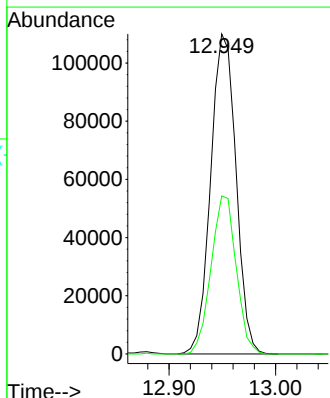
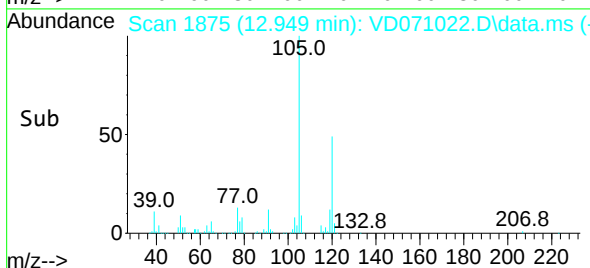
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

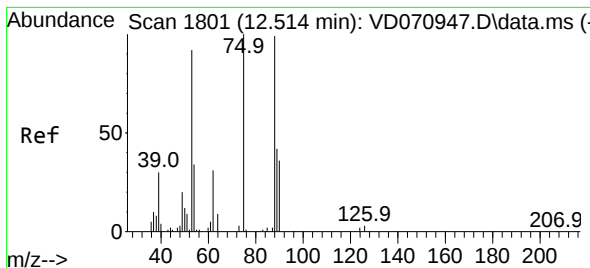


#80
1,3,5-Trimethylbenzene
Concen: 17.111 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



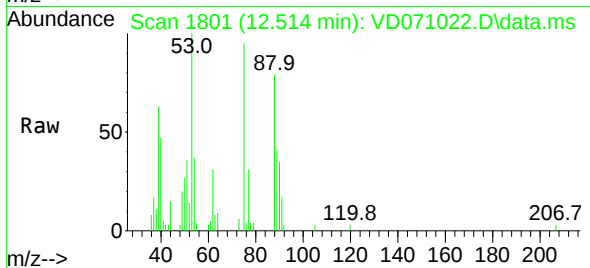
Tgt Ion:105 Resp: 181174
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.684 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

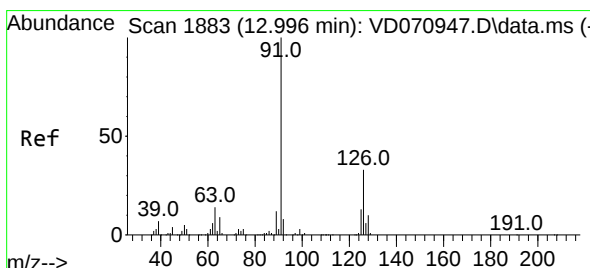
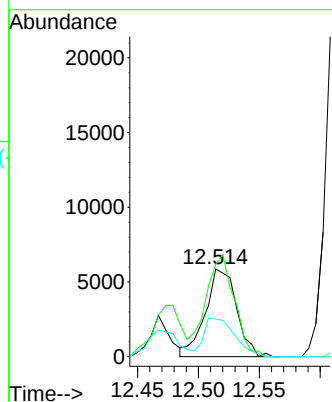
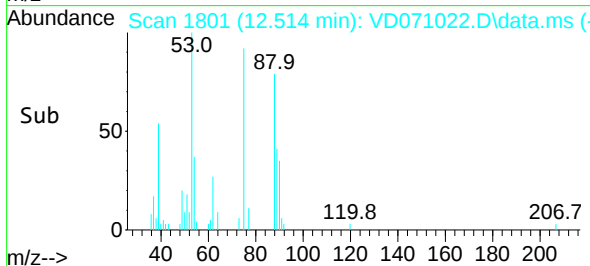
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



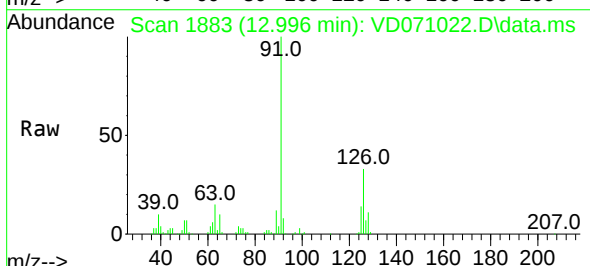
Tgt Ion: 75 Resp: 1046
Ion Ratio Lower Upper
75 100
53 107.5 62.6 94.0
89 43.0 34.5 51.7

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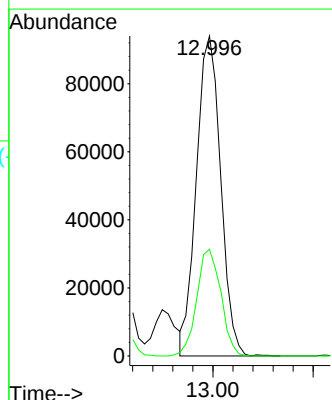
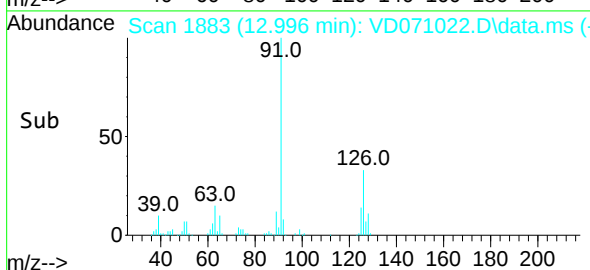
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

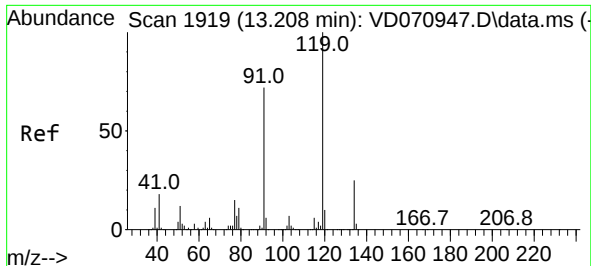


#82
4-Chlorotoluene
Concen: 16.886 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



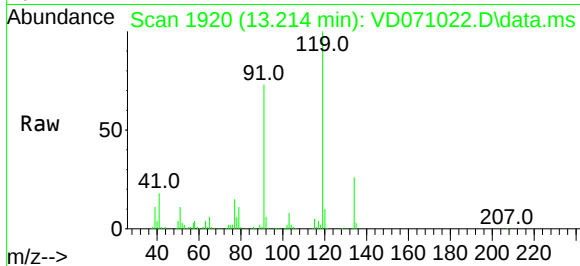
Tgt Ion: 91 Resp: 158336
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1





#83
tert-Butylbenzene
Concen: 16.645 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

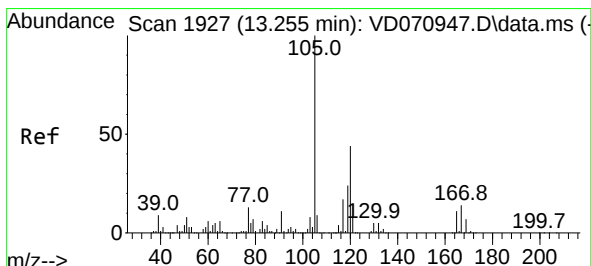
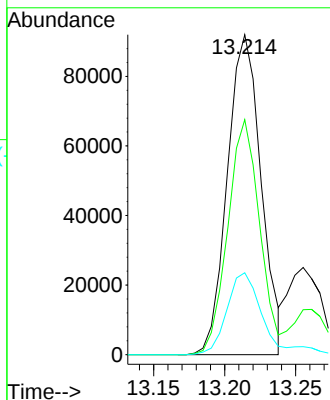
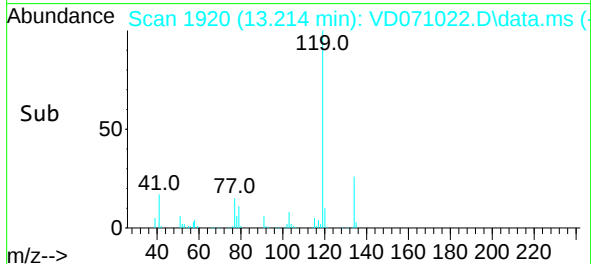
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



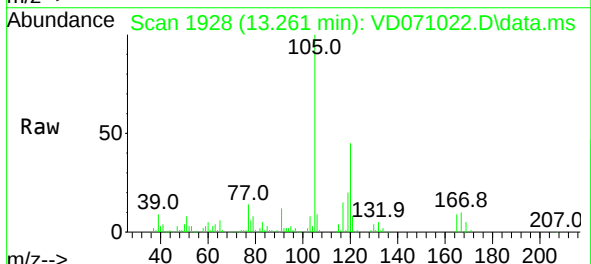
Tgt Ion:119 Resp: 151810
Ion Ratio Lower Upper
119 100
91 70.9 32.5 97.5
134 25.5 13.2 39.6

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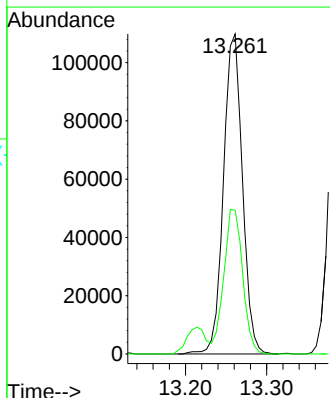
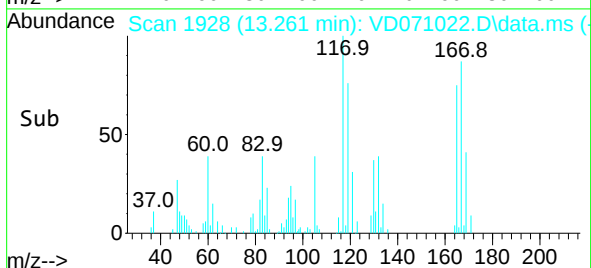
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

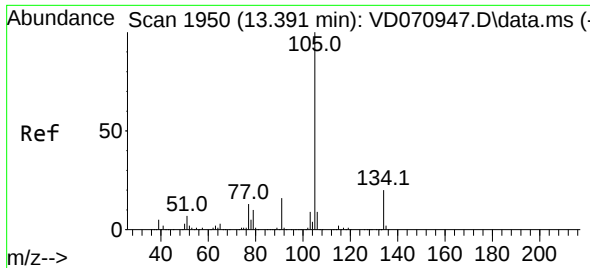


#84
1,2,4-Trimethylbenzene
Concen: 17.170 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



Tgt Ion:105 Resp: 178045
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.7





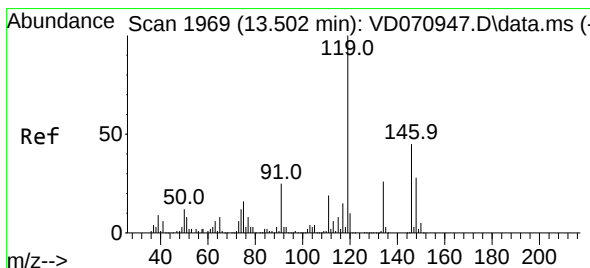
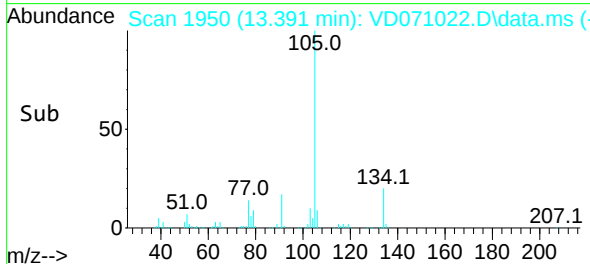
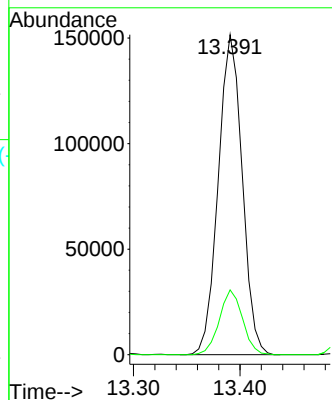
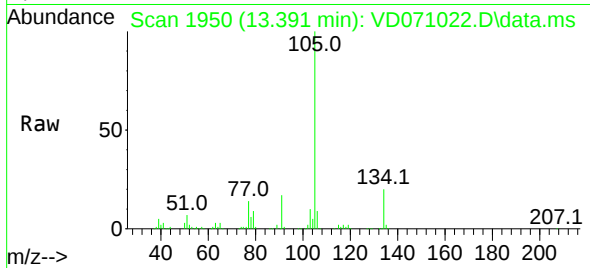
#85
 sec-Butylbenzene
 Concen: 17.231 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

Tgt Ion:105 Resp: 23627
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

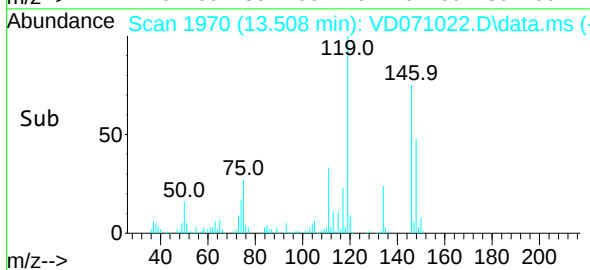
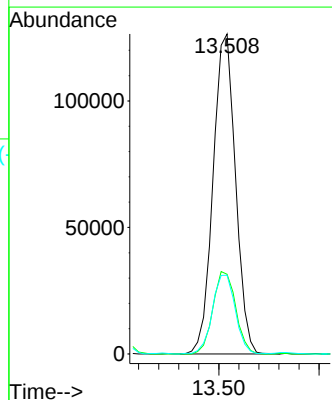
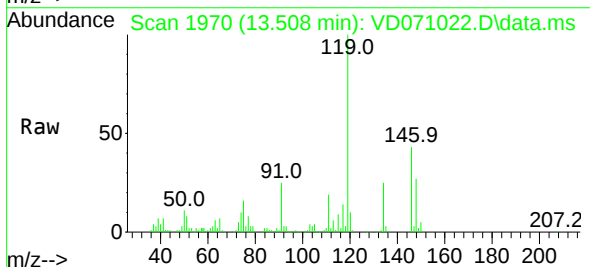
Manual Integrations
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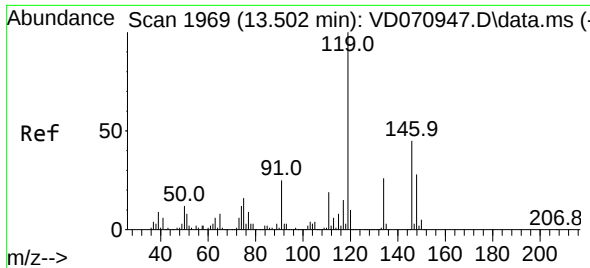
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 17.863 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Tgt Ion:119 Resp: 196684
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 25.3 11.4 34.2





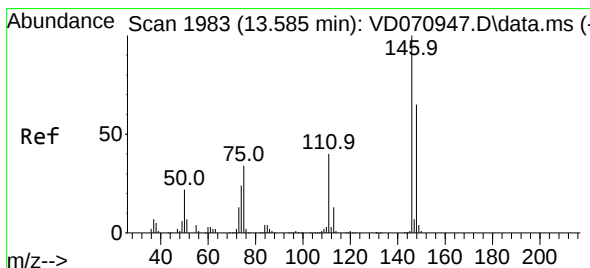
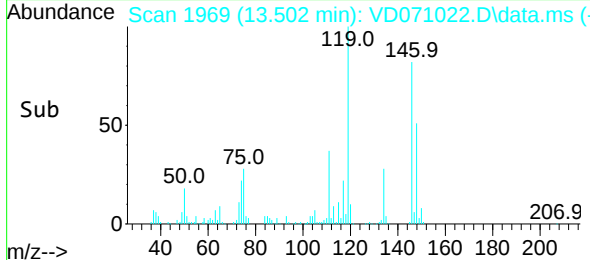
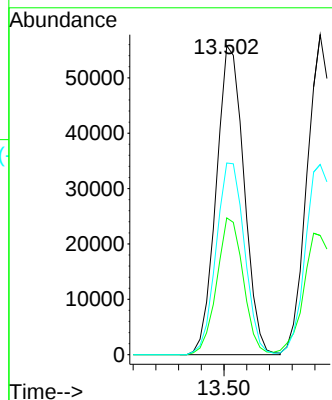
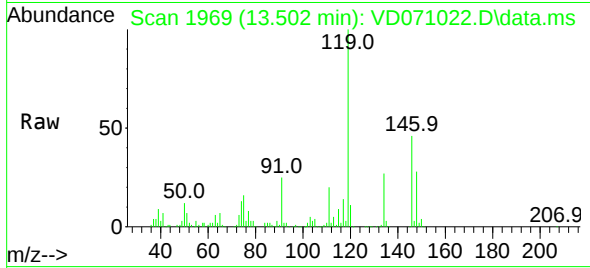
#87
 1,3-Dichlorobenzene
 Concen: 17.655 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

Tgt Ion:146 Resp: 94844
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.8 59.4
 148 63.3 32.1 96.3

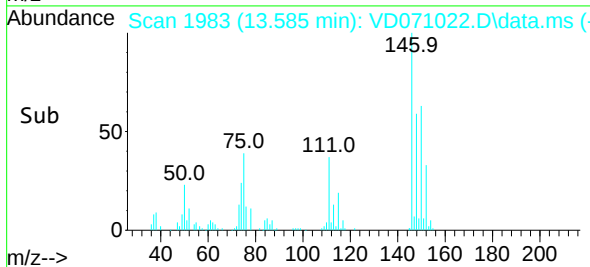
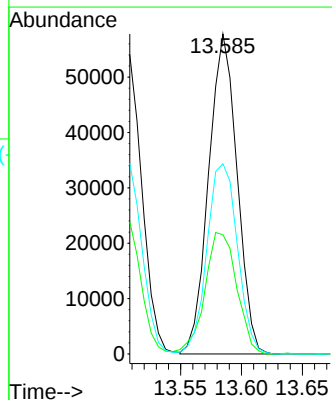
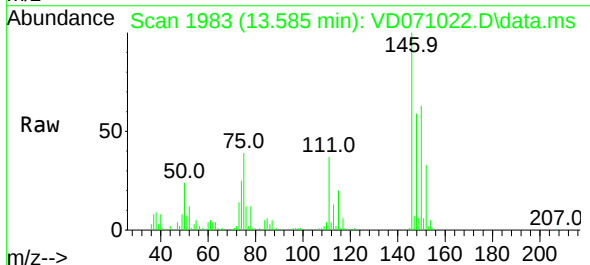
Manual Integrations
 APPROVED

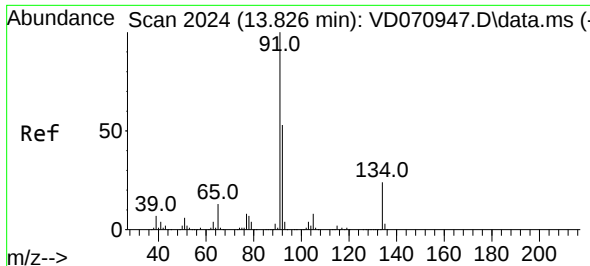
Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#88
 1,4-Dichlorobenzene
 Concen: 17.492 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD071022.D
 Acq: 15 Nov 2021 12:01

Tgt Ion:146 Resp: 94085
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.6 58.8
 148 63.8 31.5 94.5





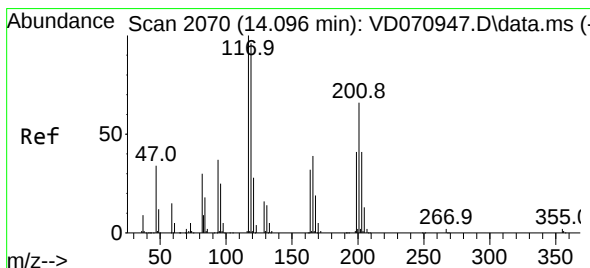
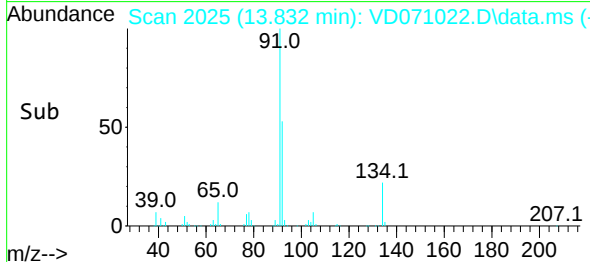
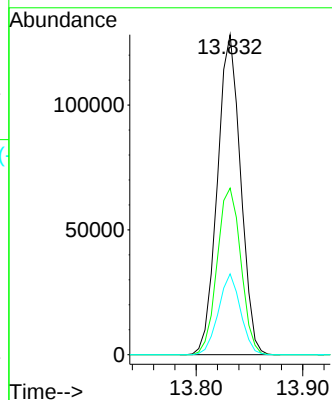
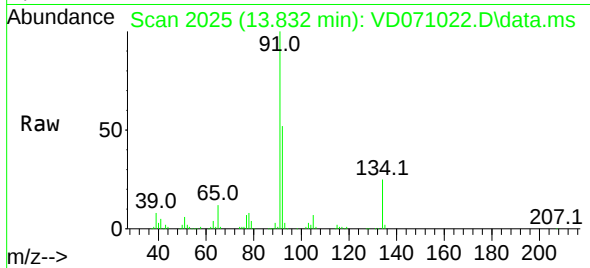
#89
n-Butylbenzene
Concen: 17.522 ug/l
RT: 13.832 min Scan# 2024
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion: 91 Resp: 193890
Ion Ratio Lower Upper
91 100
92 53.2 27.3 81.9
134 24.1 12.3 36.9

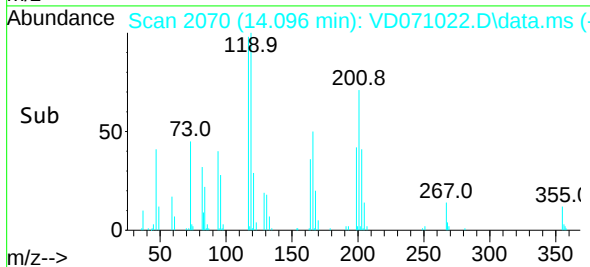
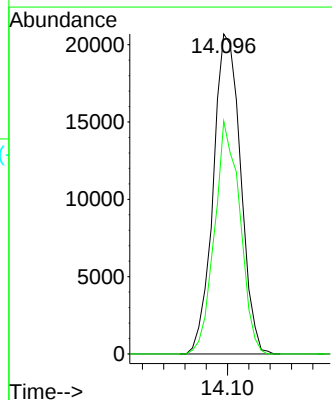
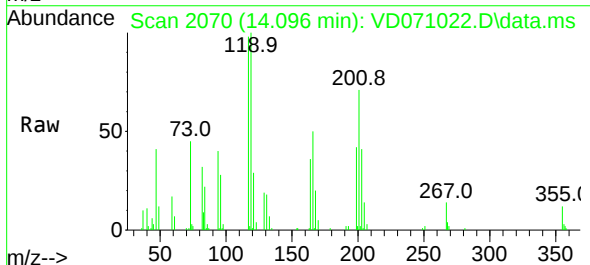
Manual Integrations
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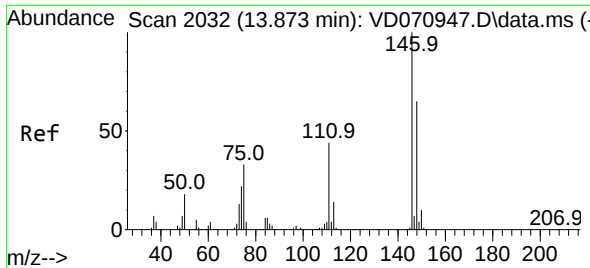
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 16.925 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion:117 Resp: 36877
Ion Ratio Lower Upper
117 100
201 67.4 36.0 108.1





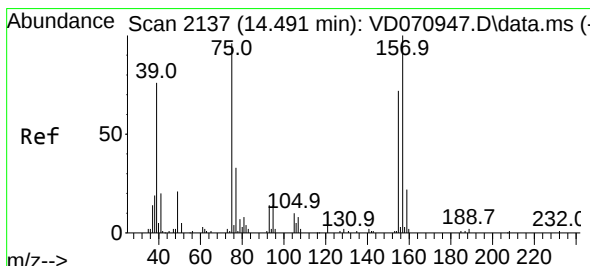
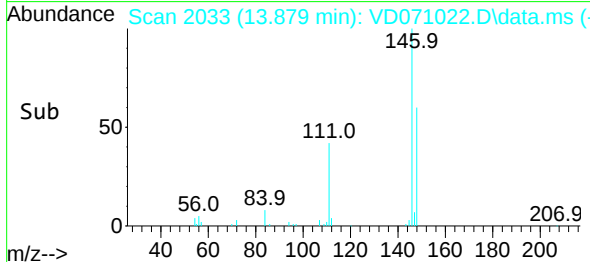
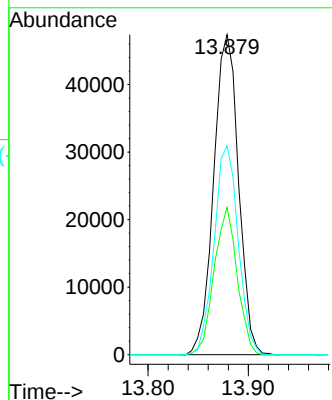
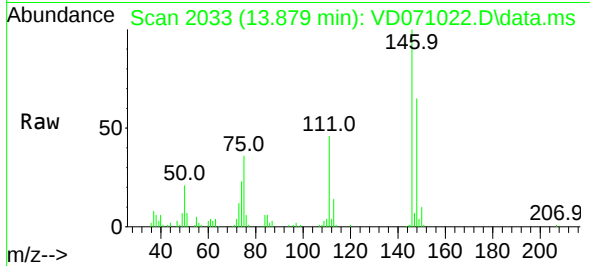
#91
1,2-Dichlorobenzene
Concen: 17.485 ug/l
RT: 13.879 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01

Tgt Ion:146 Resp: 8139
Ion Ratio Lower Upper
146 100
111 42.8 20.8 62.2
148 63.4 31.7 95.1

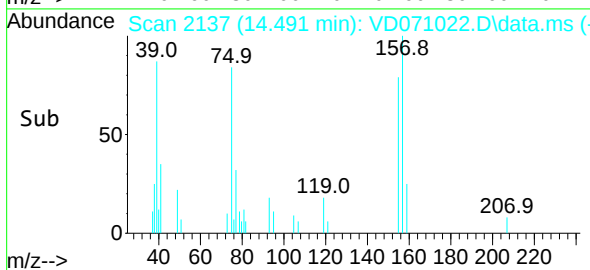
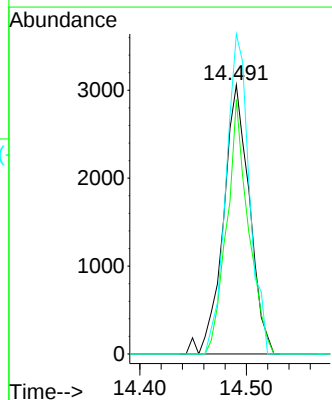
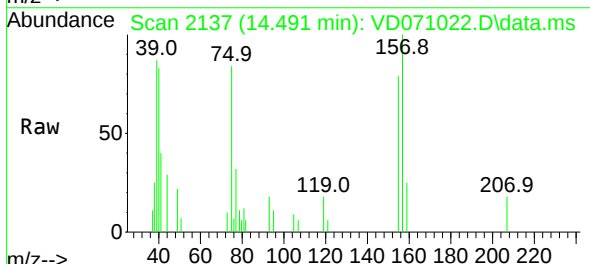
Manual Integrations
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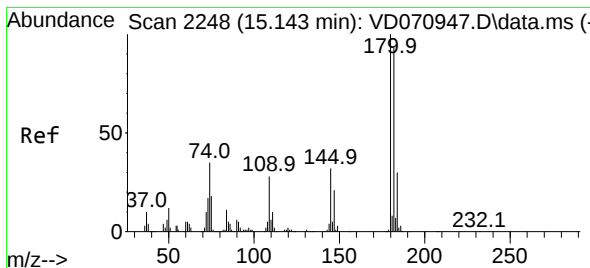
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.341 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

Tgt Ion: 75 Resp: 5206
Ion Ratio Lower Upper
75 100
155 78.2 40.0 120.0
157 105.8 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 16.714 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

Instrument :

MSVOA_D

ClientSampleId :

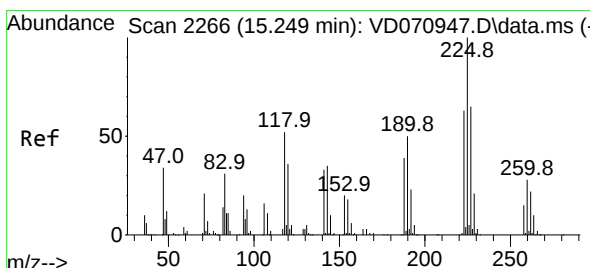
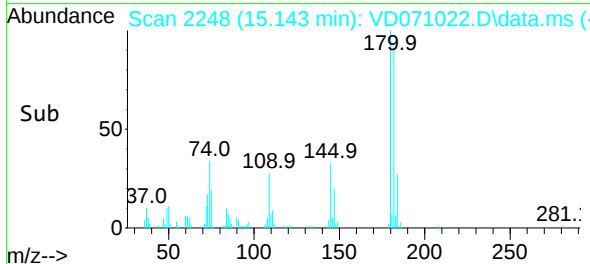
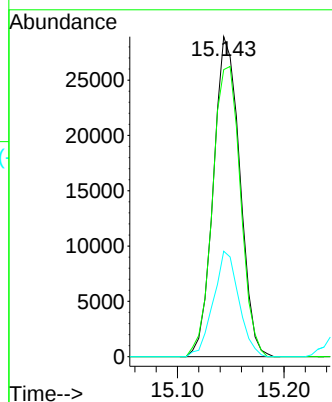
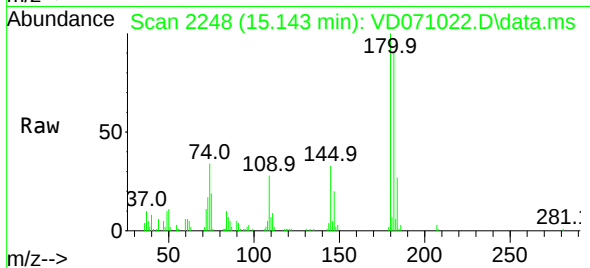
VD1115SBS01

Tgt Ion:180 Resp: 49779
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.2 144.6
 145 31.8 15.4 46.2

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 18.779 ug/l

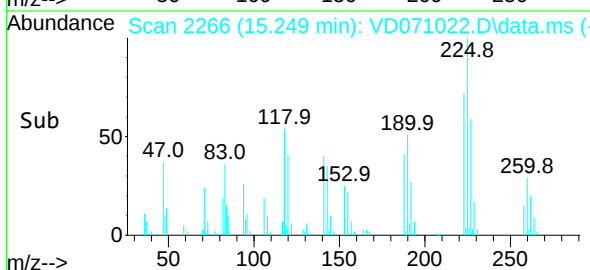
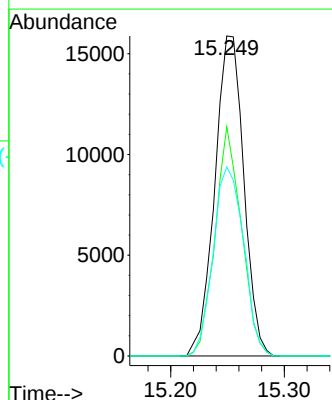
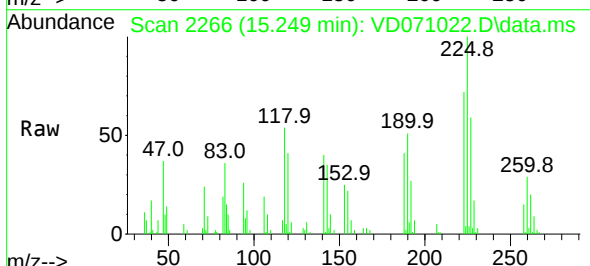
RT: 15.249 min Scan# 2266

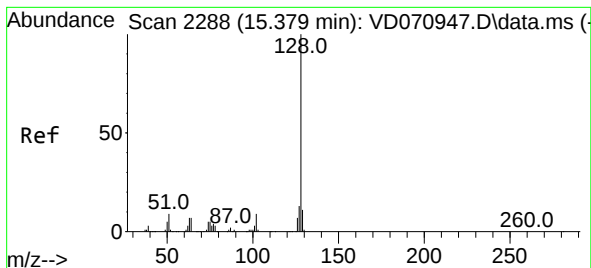
Delta R.T. 0.000 min

Lab File: VD071022.D

Acq: 15 Nov 2021 12:01

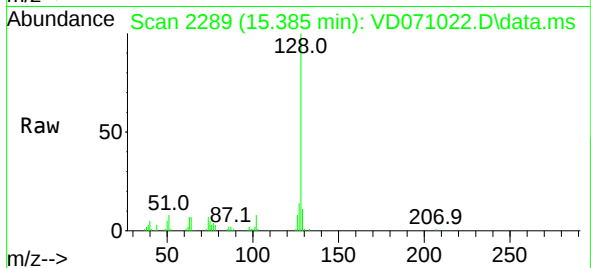
Tgt Ion:225 Resp: 28207
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.8 95.3
 227 61.9 31.6 94.8





#95
Naphthalene
Concen: 15.300 ug/l
RT: 15.385 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01

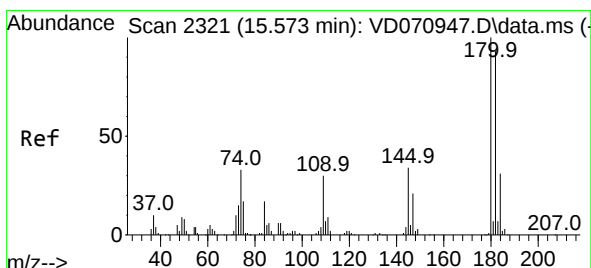
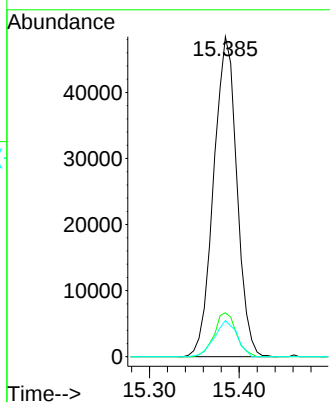
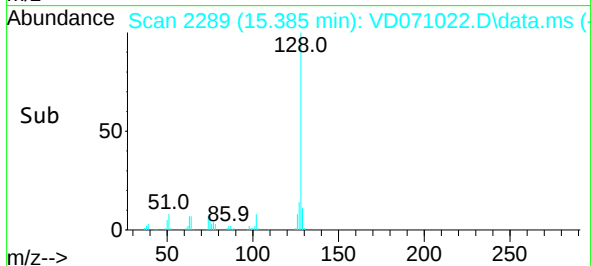
Instrument :
MSVOA_D
ClientSampleId :
VD1115SBS01



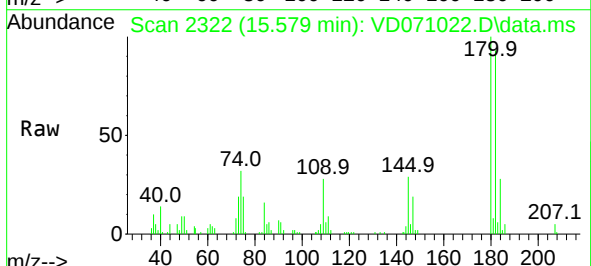
Tgt Ion:128 Resp: 87008
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 16.532 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD071022.D
Acq: 15 Nov 2021 12:01



Tgt Ion:180 Resp: 41399
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.1
145 35.2 15.9 47.6

