

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071436.D
 Acq On : 23 Dec 2021 10:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 23 14:47:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	371295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	623920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	579769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	269696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	226583	45.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.900%		
35) Dibromofluoromethane	7.914	113	202839	48.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.740%		
50) Toluene-d8	10.338	98	754516	47.615	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.220%		
62) 4-Bromofluorobenzene	12.626	95	264127	46.906	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	179581	46.158	ug/l	99
3) Chloromethane	2.209	50	231797	46.529	ug/l	98
4) Vinyl Chloride	2.356	62	273448	45.804	ug/l	98
5) Bromomethane	2.773	94	193320	46.288	ug/l	100
6) Chloroethane	2.926	64	184804	46.645	ug/l	96
7) Trichlorofluoromethane	3.279	101	356158	48.732	ug/l	96
8) Diethyl Ether	3.709	74	97665	46.678	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	205150	48.249	ug/l	95
10) Methyl Iodide	4.303	142	208985	50.541	ug/l	94
11) Tert butyl alcohol	5.220	59	76049	193.527	ug/l	95
12) 1,1-Dichloroethene	4.073	96	185808	48.034	ug/l #	82
13) Acrolein	3.926	56	58865	247.118	ug/l	94
14) Allyl chloride	4.720	41	357304	48.834	ug/l #	79
15) Acrylonitrile	5.426	53	241708	234.581	ug/l	95
16) Acetone	4.156	43	322472	260.354	ug/l #	85
17) Carbon Disulfide	4.415	76	585460	46.451	ug/l	97
18) Methyl Acetate	4.720	43	169317	44.290	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	476533	47.721	ug/l	96
20) Methylene Chloride	4.968	84	237909	50.821	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	212488	47.426	ug/l	90
22) Diisopropyl ether	6.362	45	735122	49.354	ug/l	91
23) Vinyl Acetate	6.309	43	1922917	250.430	ug/l	96
24) 1,1-Dichloroethane	6.267	63	414139	48.500	ug/l	98
25) 2-Butanone	7.214	43	356920	241.253	ug/l #	86
26) 2,2-Dichloropropane	7.209	77	355842	50.718	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	237614	47.948	ug/l	91
28) Bromochloromethane	7.544	49	157727	45.075	ug/l	90
29) Tetrahydrofuran	7.561	42	204705	230.453	ug/l	93
30) Chloroform	7.709	83	418712	48.598	ug/l	99
31) Cyclohexane	7.985	56	377120	45.020	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	374120	48.960	ug/l	94
36) 1,1-Dichloropropene	8.109	75	325698	48.617	ug/l	97
37) Ethyl Acetate	7.291	43	142914	46.208	ug/l #	91
38) Carbon Tetrachloride	8.097	117	324256	49.060	ug/l	94
39) Methylcyclohexane	9.350	83	377917	48.191	ug/l	96
40) Benzene	8.350	78	857285	47.602	ug/l	98

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	92043	50.103	ug/l #	72
42) 1,2-Dichloroethane	8.420	62	285472	48.610	ug/l	93
43) Isopropyl Acetate	8.450	43	284735	46.391	ug/l	91
44) Trichloroethene	9.108	130	226570	48.277	ug/l	89
45) 1,2-Dichloropropane	9.385	63	226426	48.452	ug/l	96
46) Dibromomethane	9.473	93	122279	47.362	ug/l	95
47) Bromodichloromethane	9.656	83	322127	49.142	ug/l	99
48) Methyl methacrylate	9.450	41	145424	47.880	ug/l #	82
49) 1,4-Dioxane	9.461	88	26418	905.486	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	756952	234.413	ug/l	90
52) Toluene	10.403	92	564317	49.327	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	302674	49.448	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	342352	48.401	ug/l #	78
55) 1,1,2-Trichloroethane	10.791	97	159672	48.723	ug/l	96
56) Ethyl methacrylate	10.655	69	211528	49.050	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	285450	47.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	534342	258.666	ug/l	99
59) 2-Hexanone	10.979	43	566132	248.029	ug/l	89
60) Dibromochloromethane	11.132	129	204268	49.584	ug/l	99
61) 1,2-Dibromoethane	11.238	107	156340	48.165	ug/l	99
64) Tetrachloroethene	10.873	164	189535	47.044	ug/l	96
65) Chlorobenzene	11.667	112	577626	48.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	213447	49.130	ug/l	98
67) Ethyl Benzene	11.738	91	1089353	49.220	ug/l	99
68) m/p-Xylenes	11.844	106	840565	99.966	ug/l	96
69) o-Xylene	12.173	106	389244	50.643	ug/l	94
70) Styrene	12.185	104	668112	50.038	ug/l	96
71) Bromoform	12.355	173	113231	48.164	ug/l #	96
73) Isopropylbenzene	12.473	105	1057751	50.872	ug/l	99
74) N-amyl acetate	12.279	43	275553	49.396	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	181871	48.381	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	160465m	50.075	ug/l	
77) Bromobenzene	12.755	156	223463	48.298	ug/l	97
78) n-propylbenzene	12.814	91	1328123	50.960	ug/l	99
79) 2-Chlorotoluene	12.897	91	732250	50.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	883756	51.531	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	53349	47.040	ug/l #	71
82) 4-Chlorotoluene	12.996	91	767663	50.812	ug/l	99
83) tert-Butylbenzene	13.214	119	748522	51.077	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	870434	51.282	ug/l	97
85) sec-Butylbenzene	13.391	105	1145635	51.278	ug/l	100
86) p-Isopropyltoluene	13.508	119	956833	51.616	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	453640	48.685	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	450327	49.289	ug/l	98
89) n-Butylbenzene	13.832	91	935122	51.395	ug/l	98
90) Hexachloroethane	14.102	117	178761	50.904	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	388807	49.166	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	30448	46.706	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	248706	51.609	ug/l	96
94) Hexachlorobutadiene	15.249	225	130073	50.385	ug/l	100
95) Naphthalene	15.385	128	459935	50.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	211033	50.630	ug/l	99

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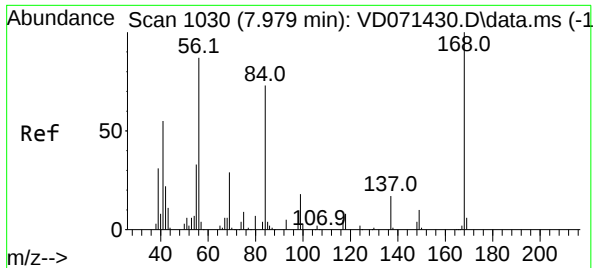
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/28/2021

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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
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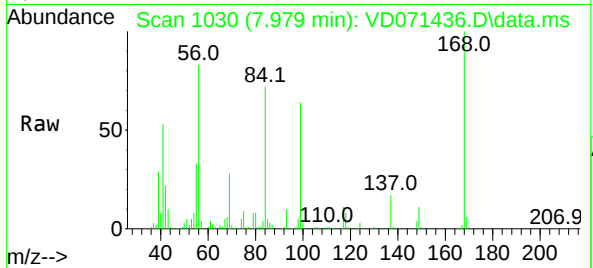
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071436.D
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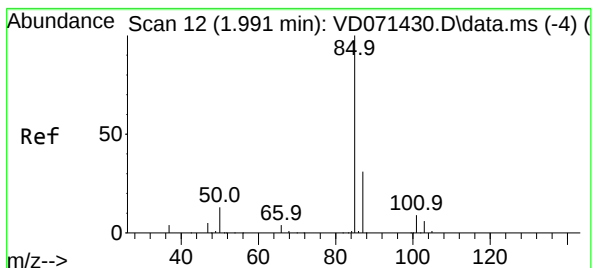
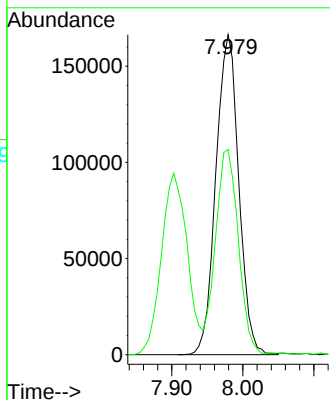
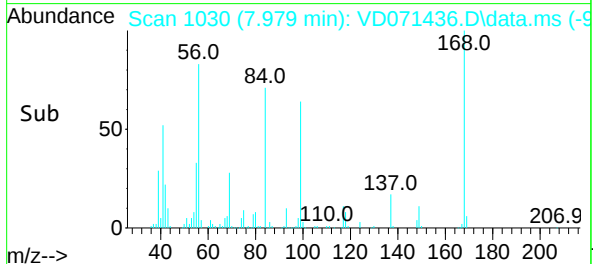
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 37129
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8

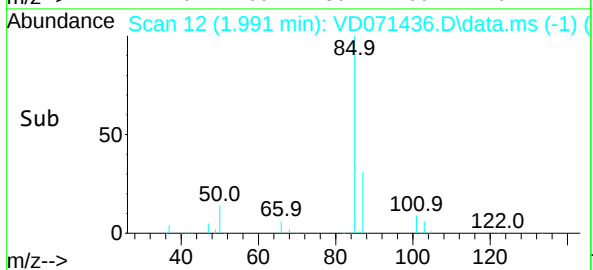
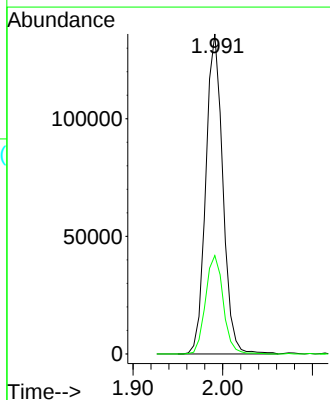
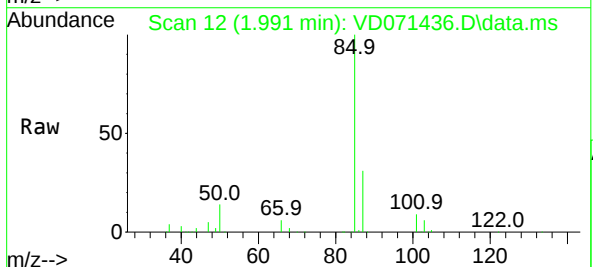
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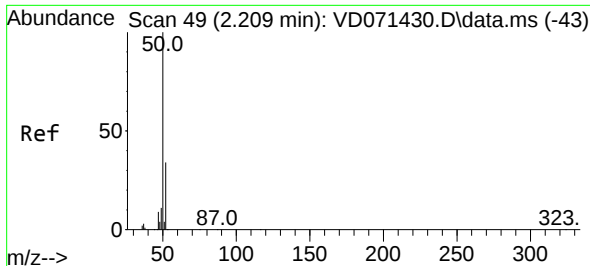
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#2
Dichlorodifluoromethane
Concen: 46.158 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

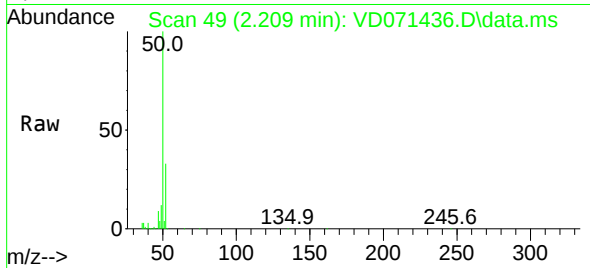
Tgt Ion: 85 Resp: 179581
Ion Ratio Lower Upper
85 100
87 30.8 15.2 45.6





#3
Chloromethane
Concen: 46.529 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

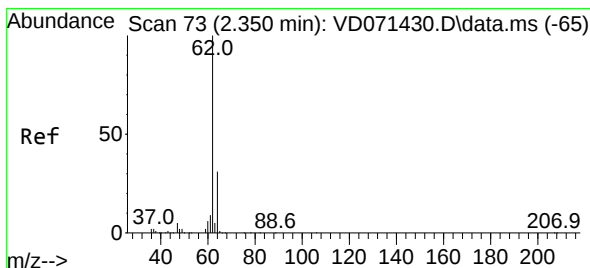
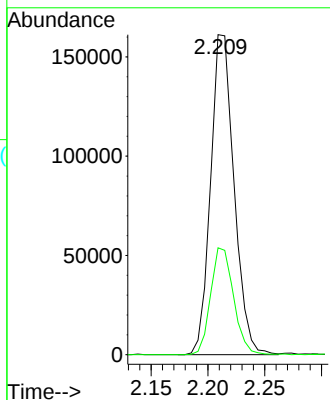
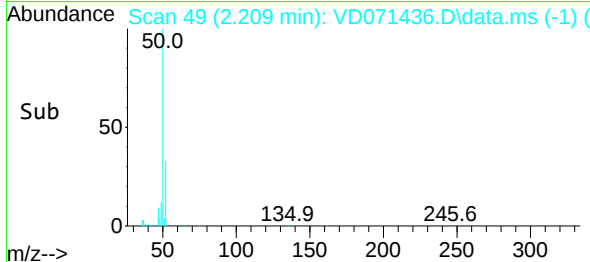
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 23179
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.8

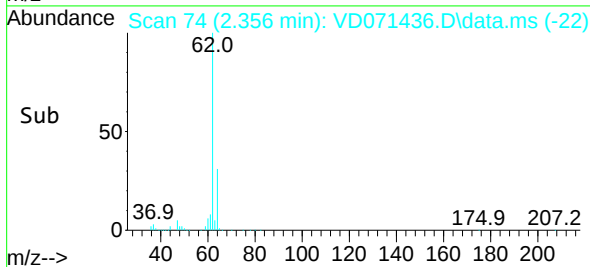
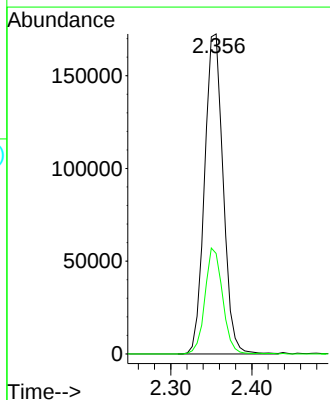
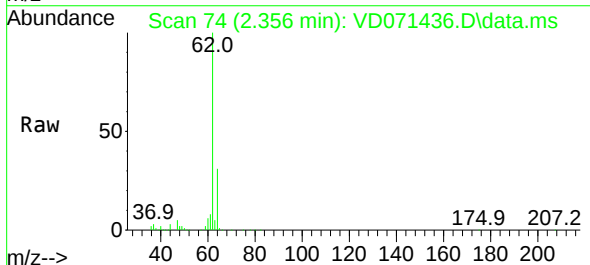
Manual Integrations
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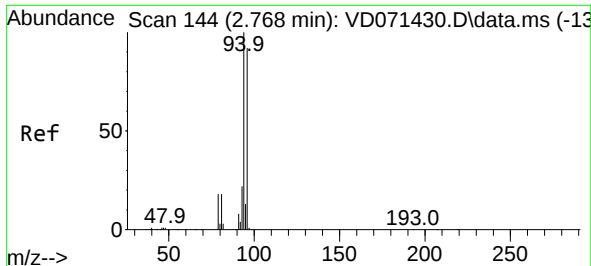
Reviewed By :Semsettin Yesilyurt 12/24/2021
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#4
Vinyl Chloride
Concen: 45.804 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

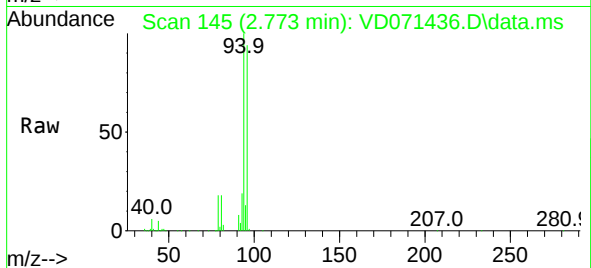
Tgt Ion: 62 Resp: 273448
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5
Bromomethane
Concen: 46.288 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.023 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

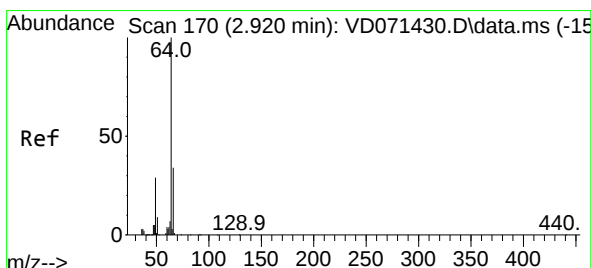
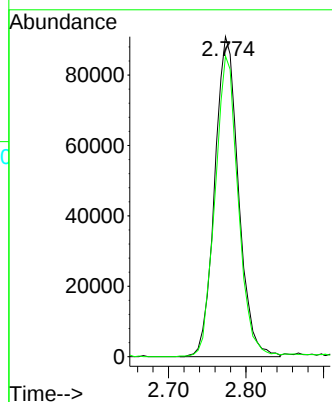
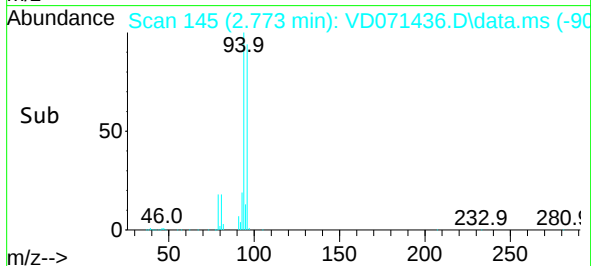
Instrument :
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ClientSampleId :
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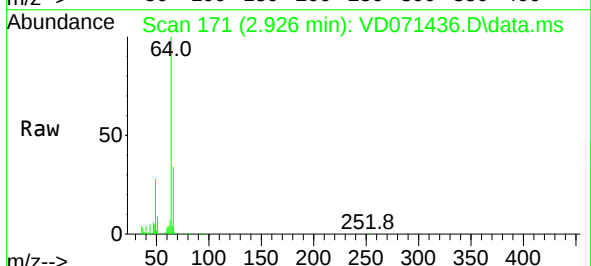
Tgt Ion: 94 Resp: 193320
Ion Ratio Lower Upper
94 100
96 93.8 74.8 112.2

Manual Integrations
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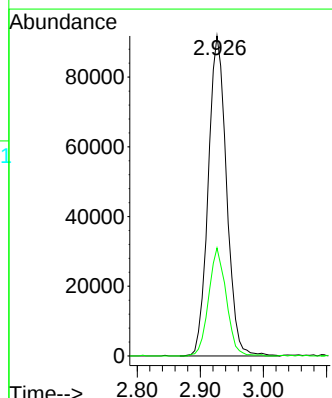
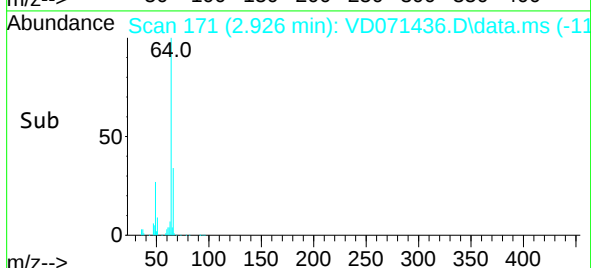
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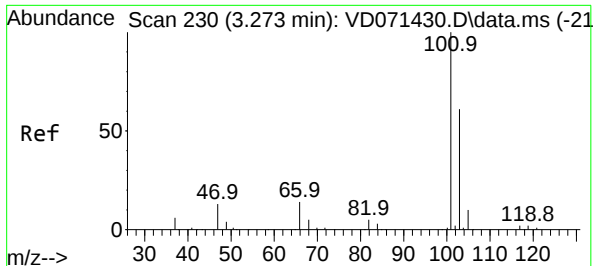


#6
Chloroethane
Concen: 46.645 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.011 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



Tgt Ion: 64 Resp: 184804
Ion Ratio Lower Upper
64 100
66 33.8 29.0 43.4





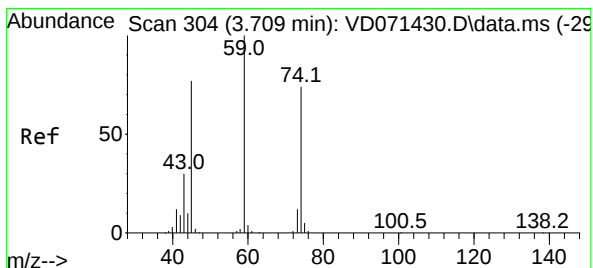
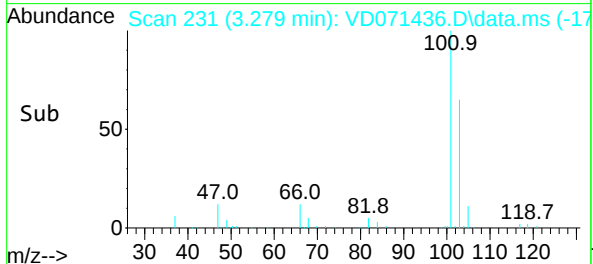
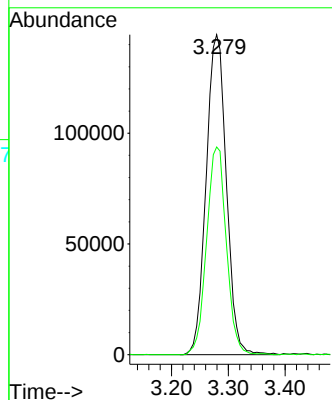
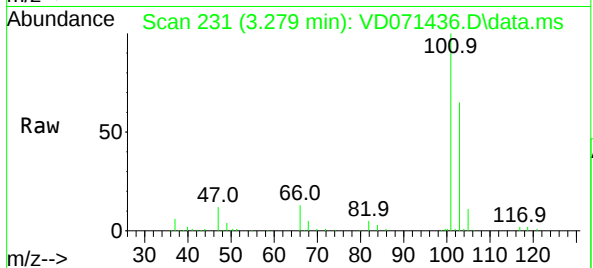
#7
Trichlorofluoromethane
Concen: 48.732 ug/l
RT: 3.279 min Scan# 230
Delta R.T. 0.012 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 356158
Ion Ratio Lower Upper
101 100
103 64.9 49.7 74.5

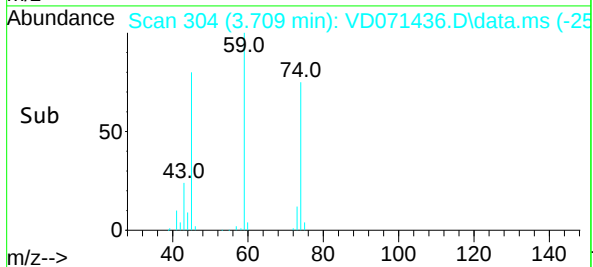
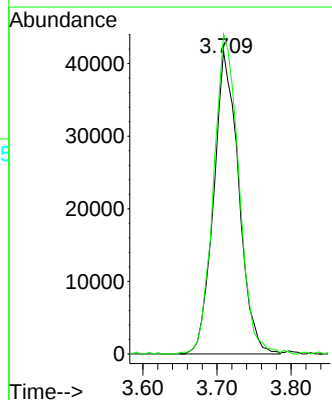
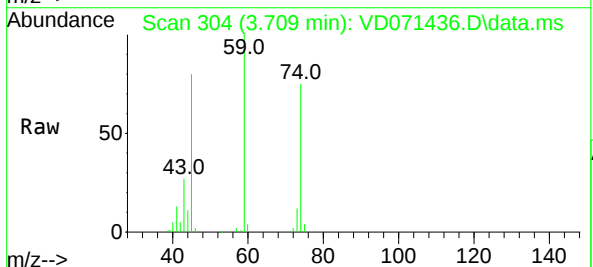
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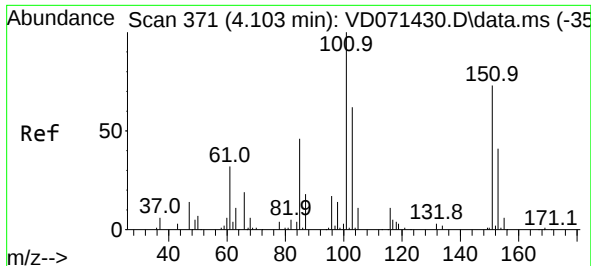
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#8
Diethyl Ether
Concen: 46.678 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion: 74 Resp: 97665
Ion Ratio Lower Upper
74 100
45 107.3 49.6 149.0





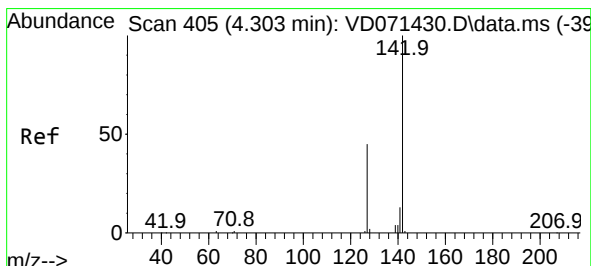
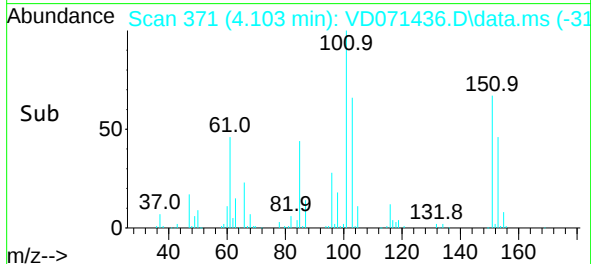
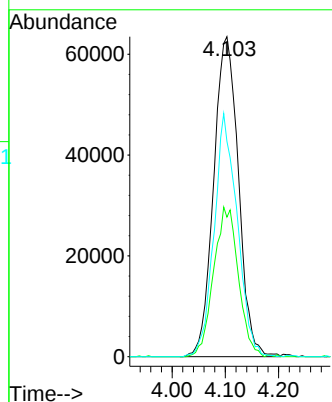
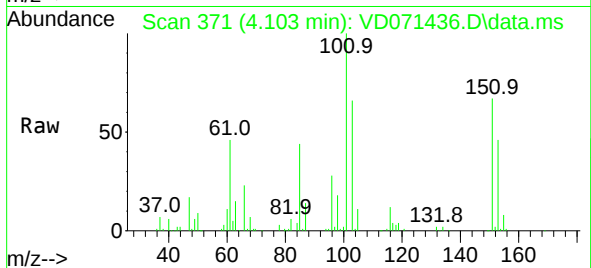
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.249 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.012 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 205150
Ion Ratio Lower Upper
101 100
85 46.6 34.8 52.2
151 71.0 60.4 90.6

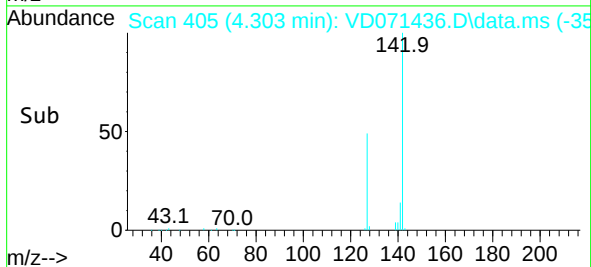
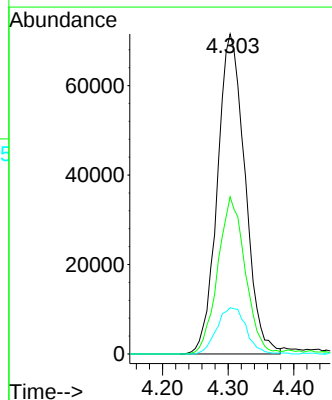
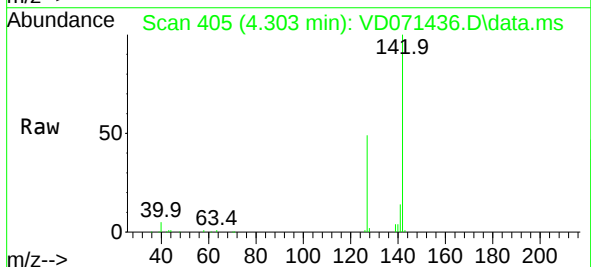
Manual Integrations
APPROVED

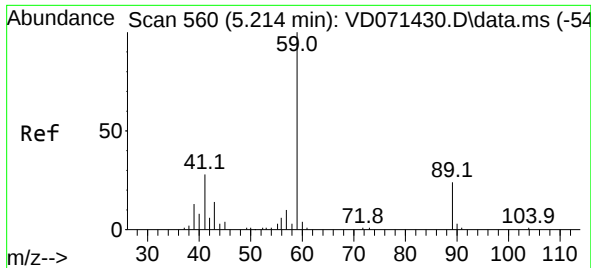
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#10
Methyl Iodide
Concen: 50.541 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion:142 Resp: 208985
Ion Ratio Lower Upper
142 100
127 48.7 35.0 52.4
141 15.3 12.0 18.0





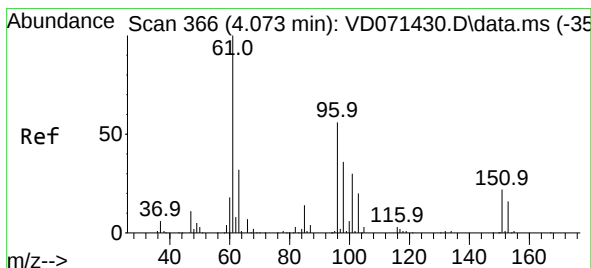
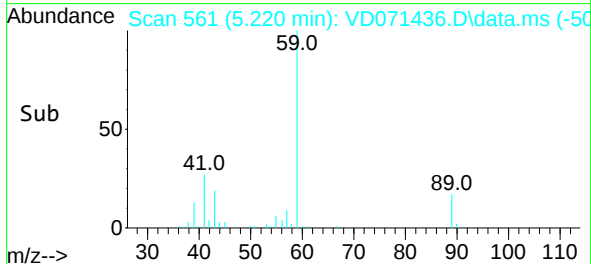
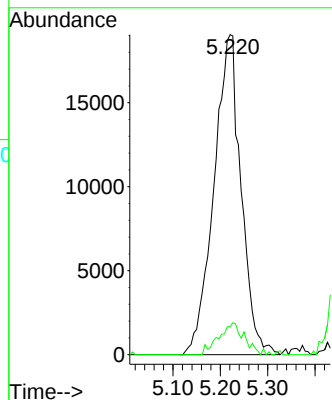
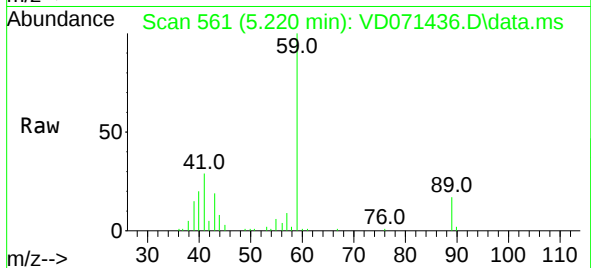
#11
Tert butyl alcohol
Concen: 193.527 ug/l
RT: 5.220 min Scan# 560
Delta R.T. 0.011 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 76049
Ion Ratio Lower Upper
59 100
57 9.2 9.0 13.4

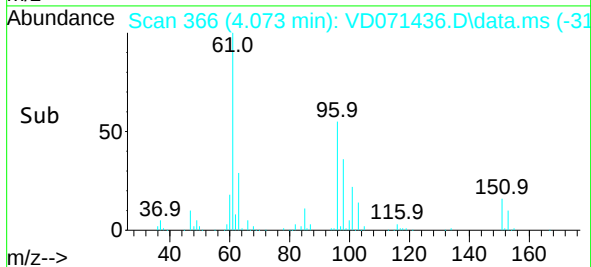
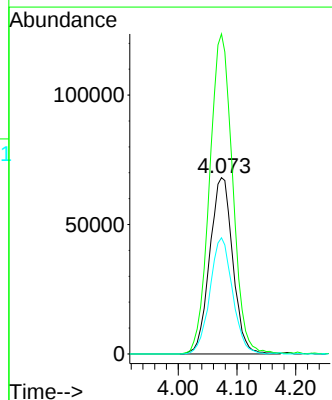
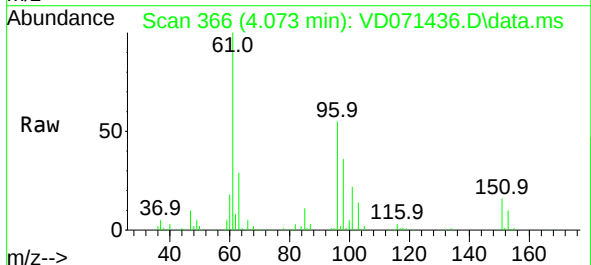
Manual Integrations
APPROVED

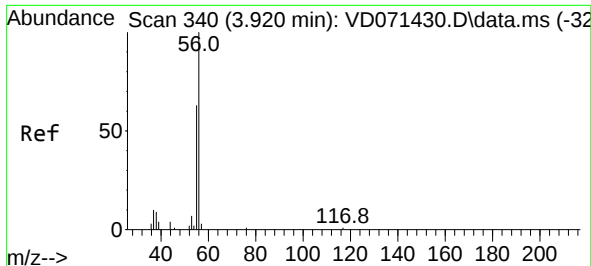
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#12
1,1-Dichloroethene
Concen: 48.034 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.011 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

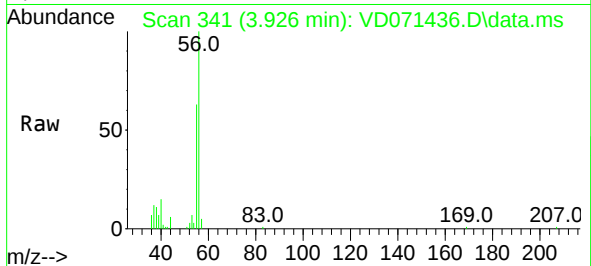
Tgt Ion: 96 Resp: 185808
Ion Ratio Lower Upper
96 100
61 181.4 120.3 180.5#
98 65.9 54.4 81.6





#13
Acrolein
Concen: 247.118 ug/l
RT: 3.926 min Scan# 340
Delta R.T. 0.012 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

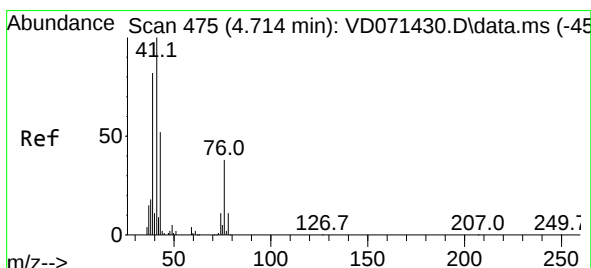
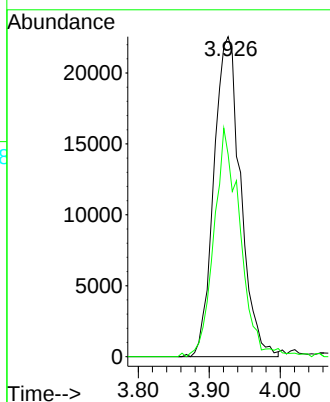
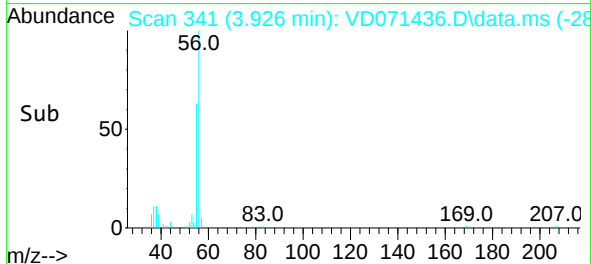
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



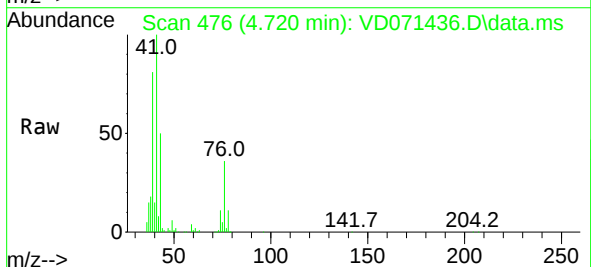
Tgt Ion: 56 Resp: 5886
Ion Ratio Lower Upper
56 100
55 68.4 58.6 87.8

Manual Integrations
APPROVED

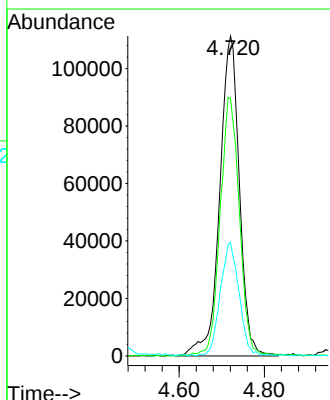
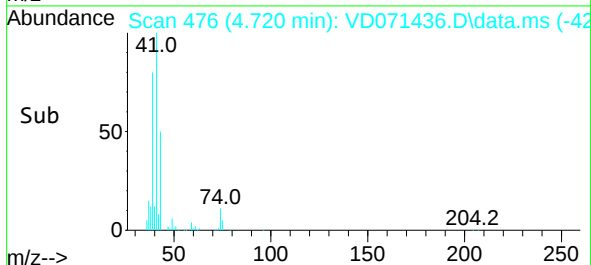
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

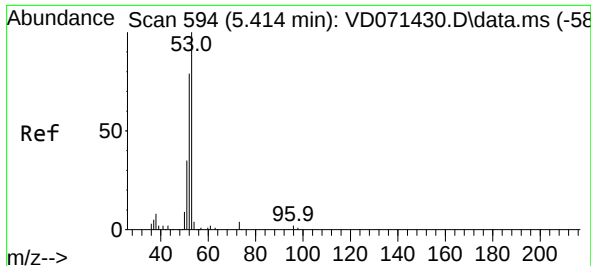


#14
Allyl chloride
Concen: 48.834 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.017 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



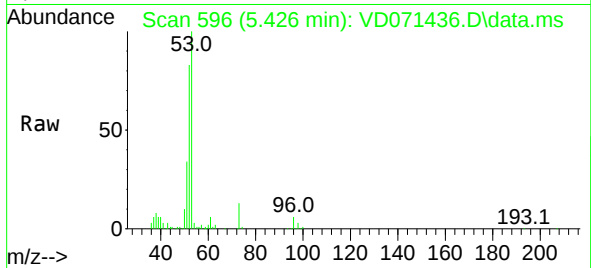
Tgt Ion: 41 Resp: 357304
Ion Ratio Lower Upper
41 100
39 79.3 45.6 68.4#
76 33.8 30.2 45.4





#15
Acrylonitrile
Concen: 234.581 ug/l
RT: 5.426 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

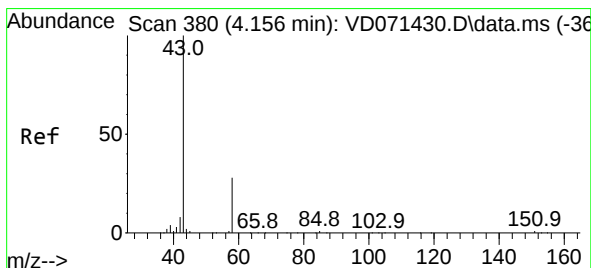
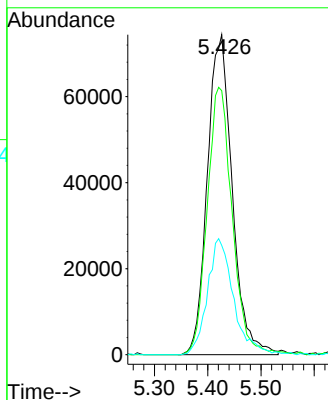
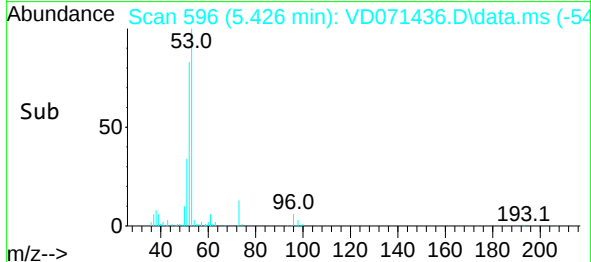
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 241708
Ion Ratio Lower Upper
53 100
52 84.1 63.8 95.8
51 38.1 28.5 42.7

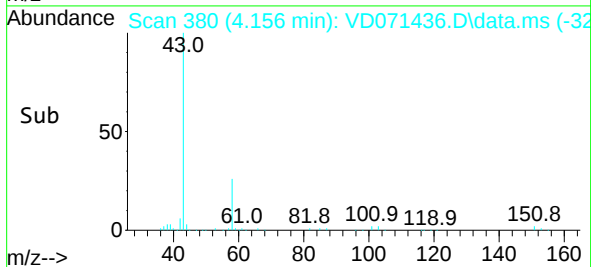
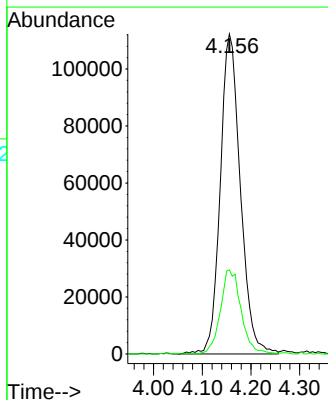
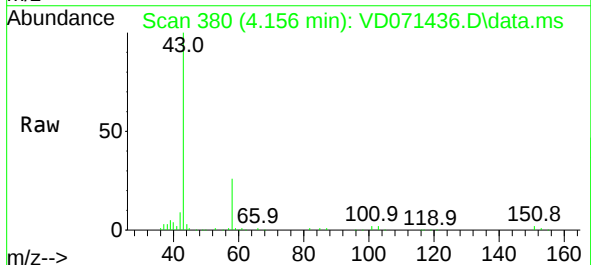
Manual Integrations
APPROVED

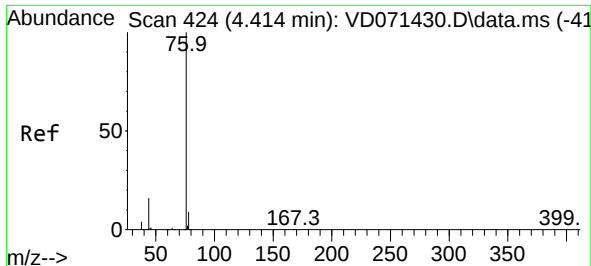
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#16
Acetone
Concen: 260.354 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

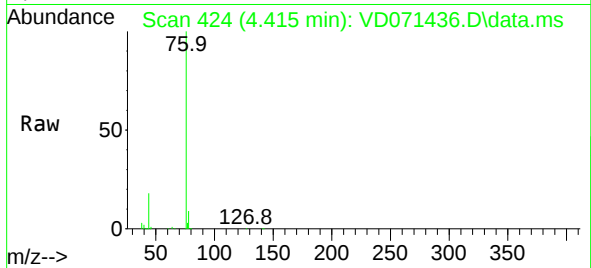
Tgt Ion: 43 Resp: 322472
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#





#17
Carbon Disulfide
Concen: 46.451 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

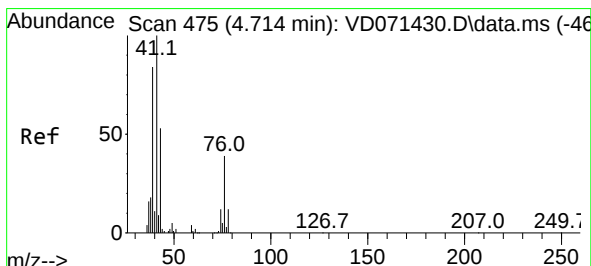
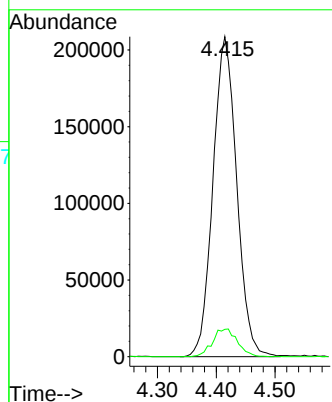
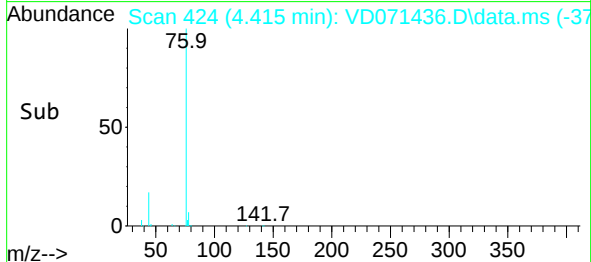
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



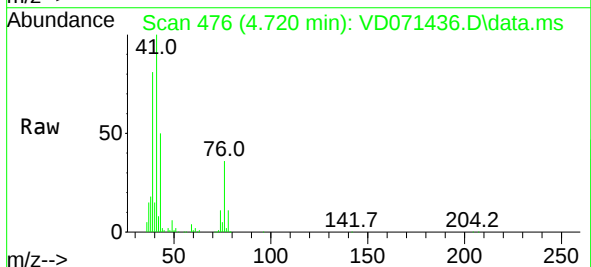
Tgt Ion: 76 Resp: 585460
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8

Manual Integrations
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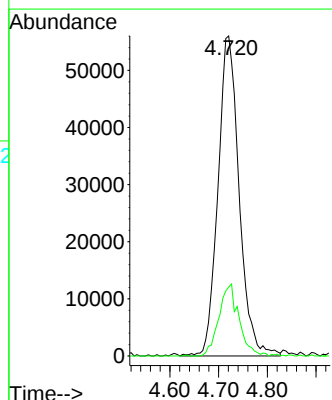
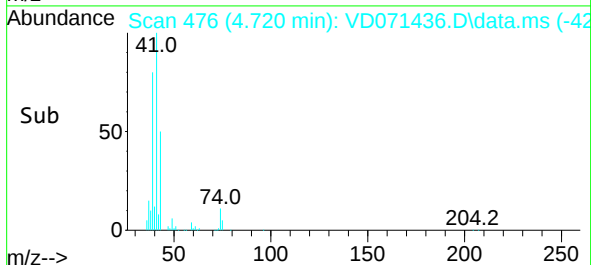
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

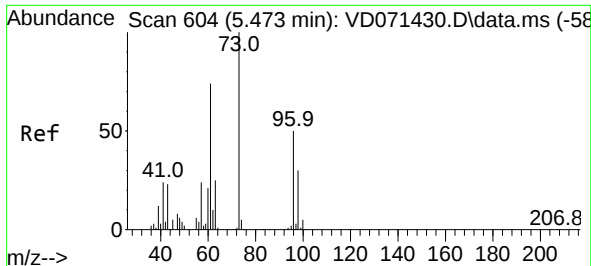


#18
Methyl Acetate
Concen: 44.290 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



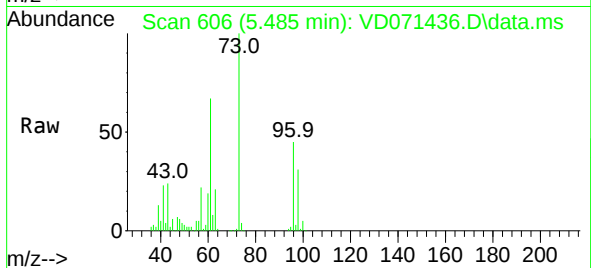
Tgt Ion: 43 Resp: 169317
Ion Ratio Lower Upper
43 100
74 21.3 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 47.721 ug/l
RT: 5.485 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

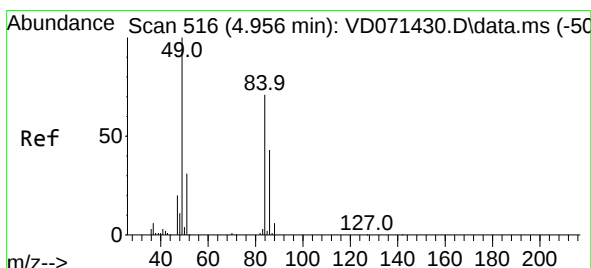
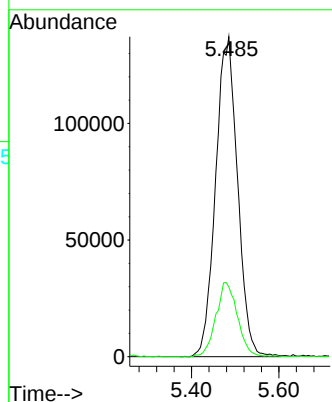
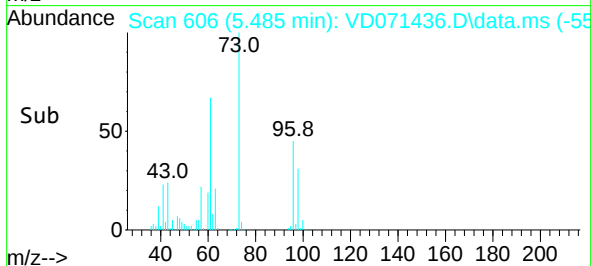
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 47653
Ion Ratio Lower Upper
73 100
57 21.8 18.9 28.3

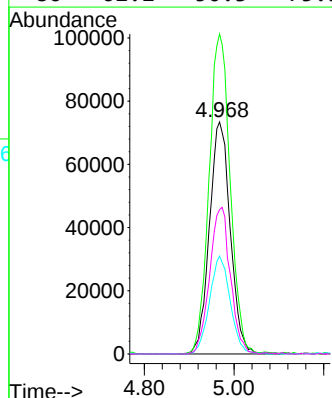
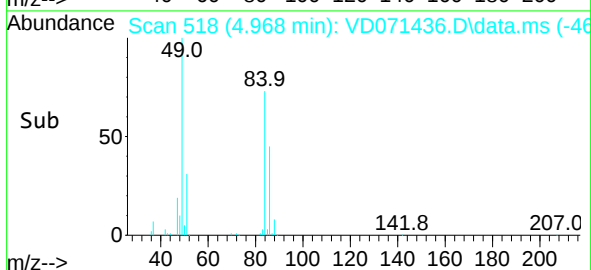
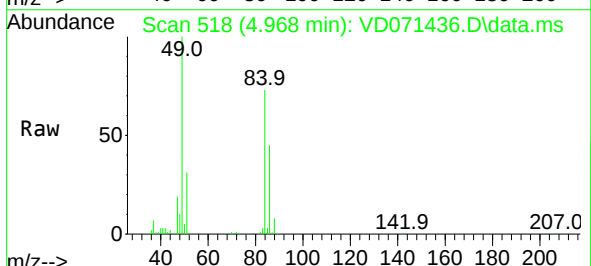
Manual Integrations
APPROVED

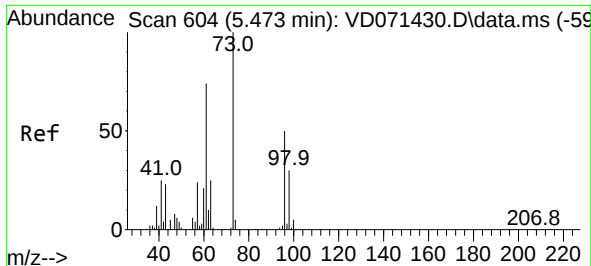
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#20
Methylene Chloride
Concen: 50.821 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

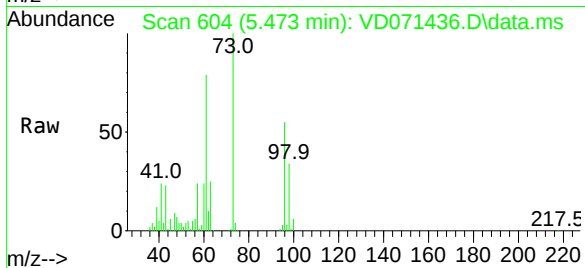
Tgt Ion: 84 Resp: 237909
Ion Ratio Lower Upper
84 100
49 137.6 95.8 143.6
51 42.2 30.9 46.3
86 62.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 47.426 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

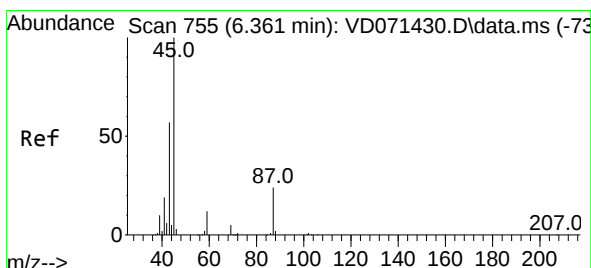
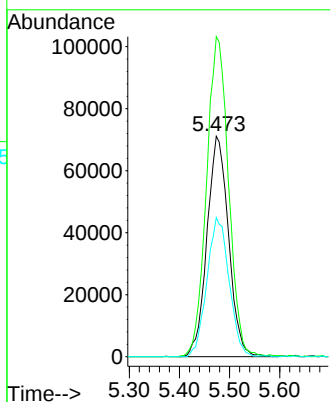
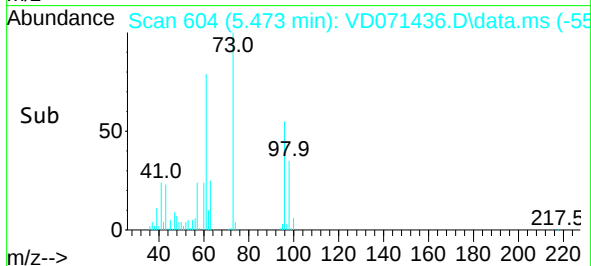
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



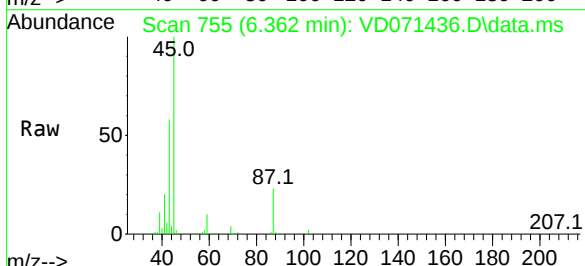
Tgt Ion: 96 Resp: 212488
Ion Ratio Lower Upper
96 100
61 145.2 102.1 153.1
98 63.1 50.1 75.1

Manual Integrations
APPROVED

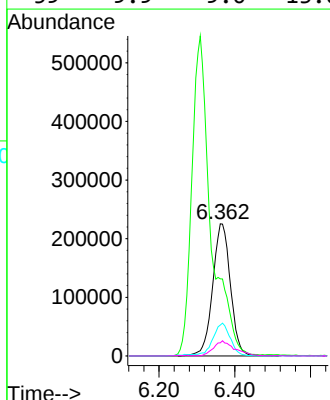
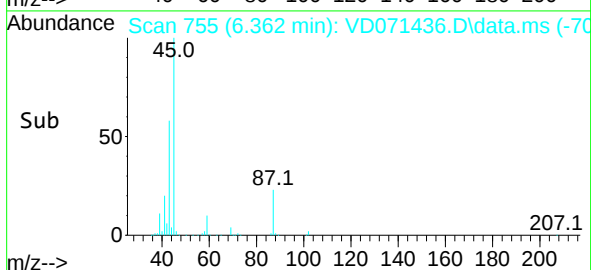
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

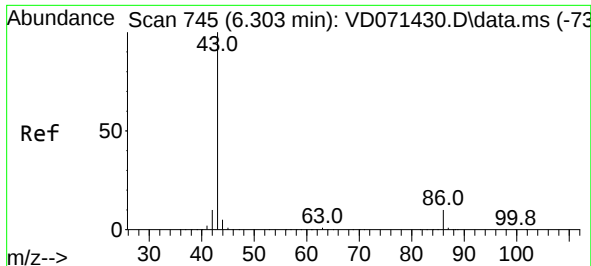


#22
Diisopropyl ether
Concen: 49.354 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



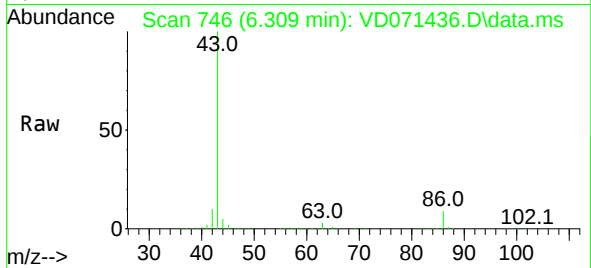
Tgt Ion: 45 Resp: 735122
Ion Ratio Lower Upper
45 100
43 57.4 39.6 59.4
87 23.2 21.2 31.8
59 9.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 250.430 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD071436.D
 Acq: 23 Dec 2021 10:48

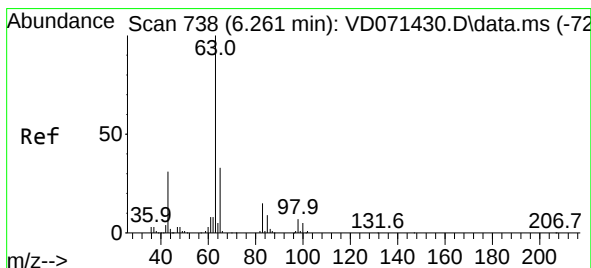
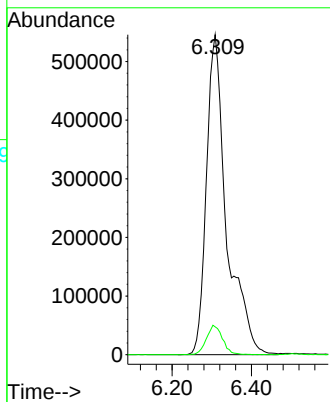
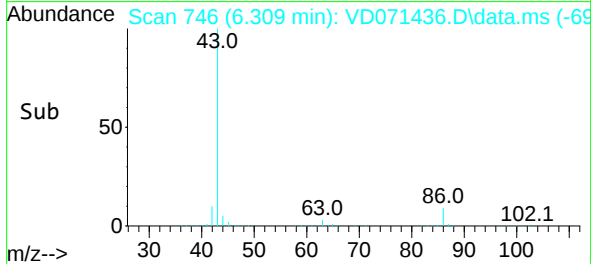
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



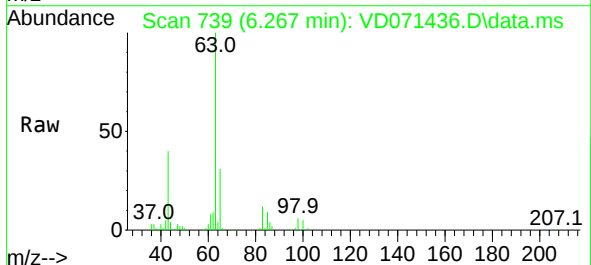
Tgt Ion: 43 Resp: 192291
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.2 12.4

Manual Integrations
 APPROVED

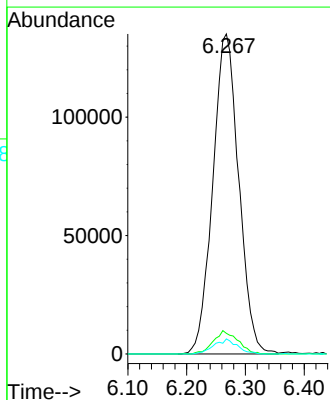
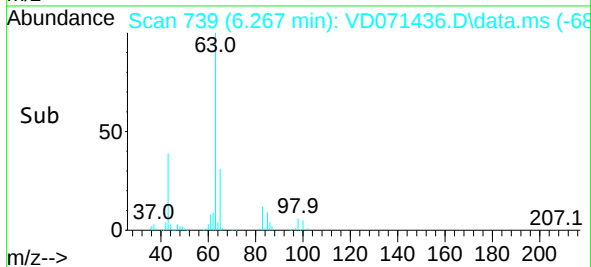
Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

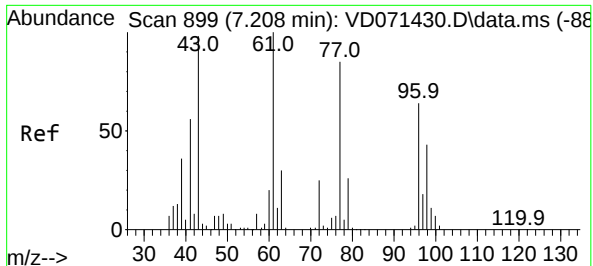


#24
 1,1-Dichloroethane
 Concen: 48.500 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD071436.D
 Acq: 23 Dec 2021 10:48



Tgt Ion: 63 Resp: 414139
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 4.7 2.1 6.3





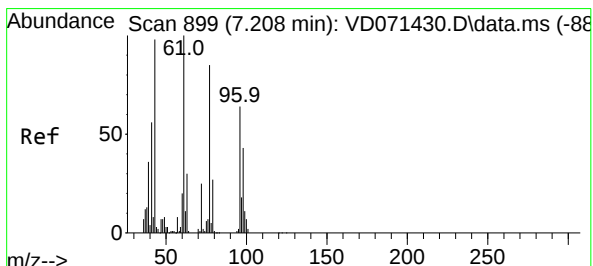
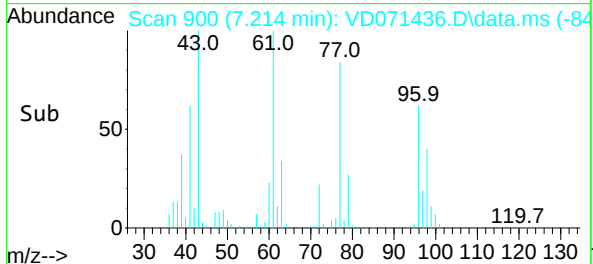
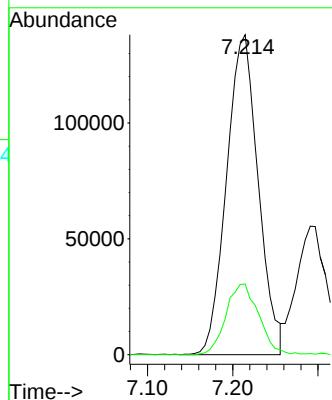
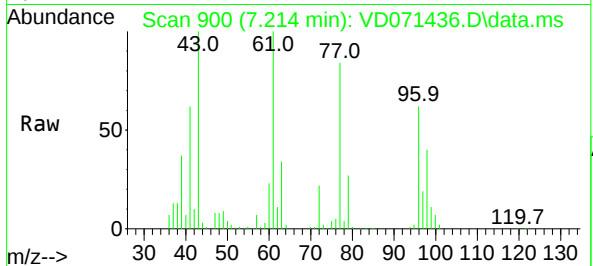
#25
2-Butanone
Concen: 241.253 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 356920
Ion Ratio Lower Upper
43 100
72 22.1 23.8 35.6

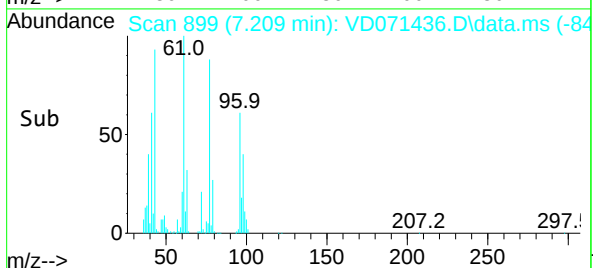
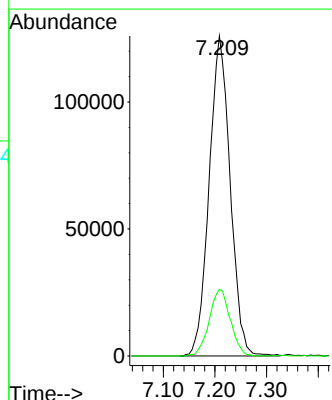
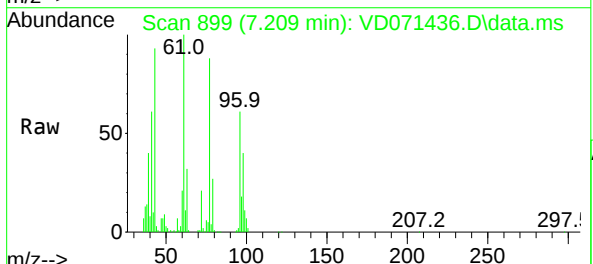
Manual Integrations
APPROVED

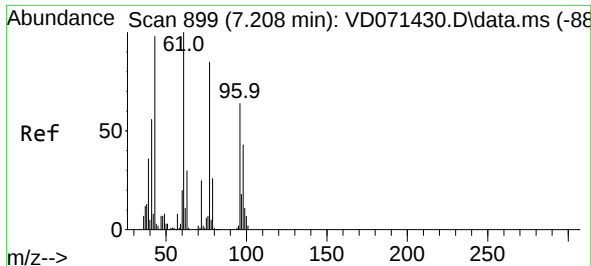
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#26
2,2-Dichloropropane
Concen: 50.718 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion: 77 Resp: 355842
Ion Ratio Lower Upper
77 100
97 20.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.948 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.001 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 237614

Ion Ratio Lower Upper

96 100

61 160.5 0.0 288.6

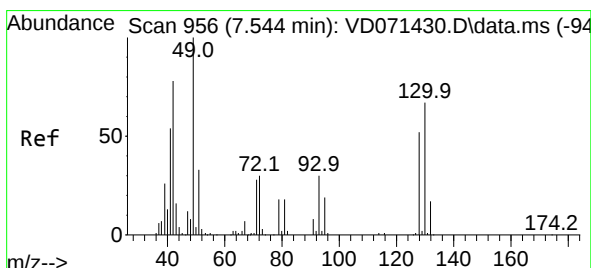
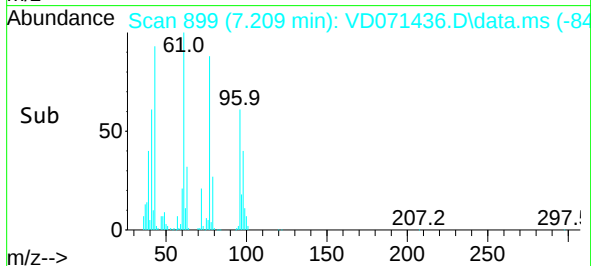
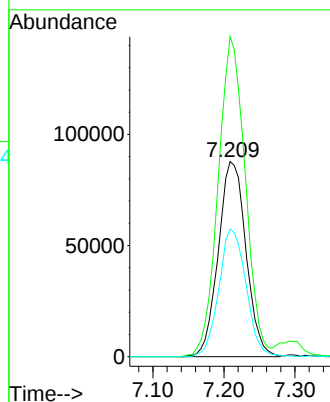
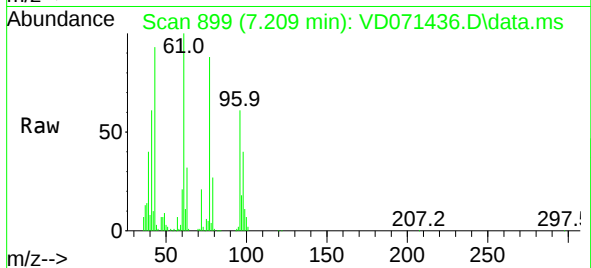
98 64.2 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#28

Bromochloromethane

Concen: 45.075 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

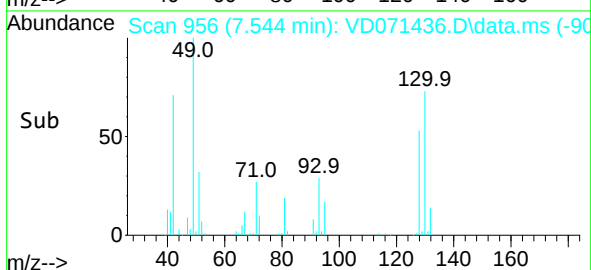
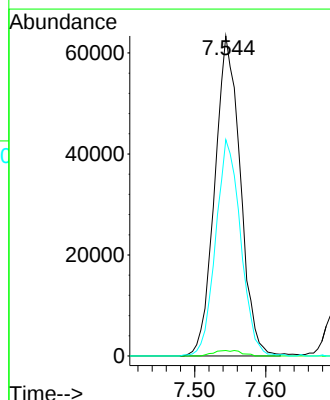
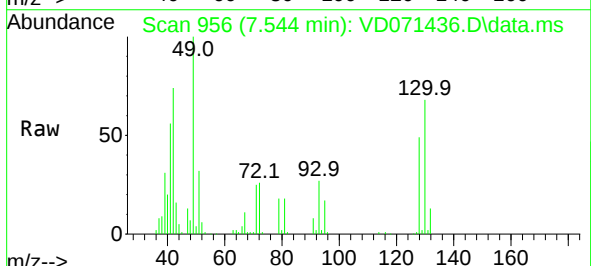
Tgt Ion: 49 Resp: 157727

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 66.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 230.453 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

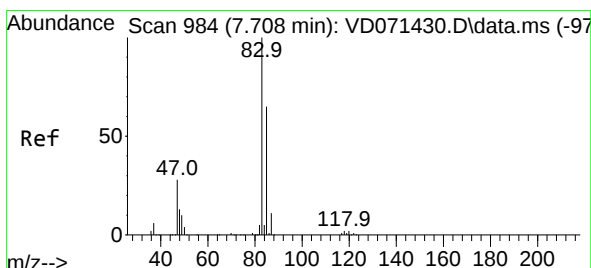
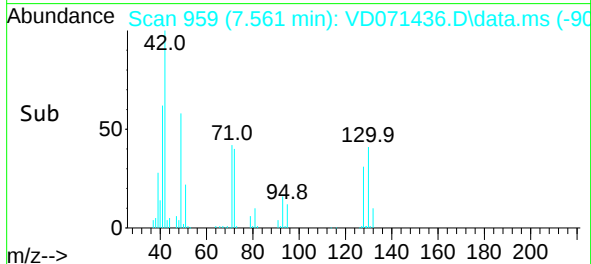
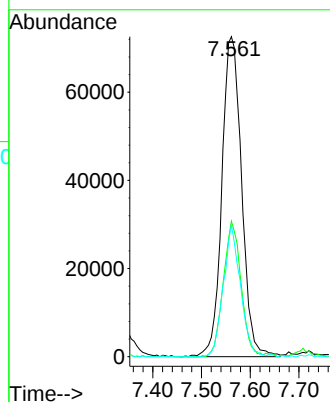
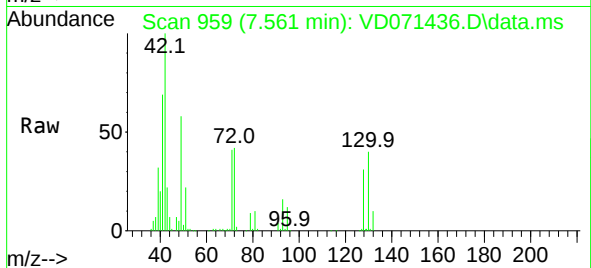
VSTDCCC050

Tgt Ion: 42 Resp: 204705
 Ion Ratio Lower Upper
 42 100
 72 38.1 33.7 50.5
 71 35.7 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#30

Chloroform

Concen: 48.598 ug/l

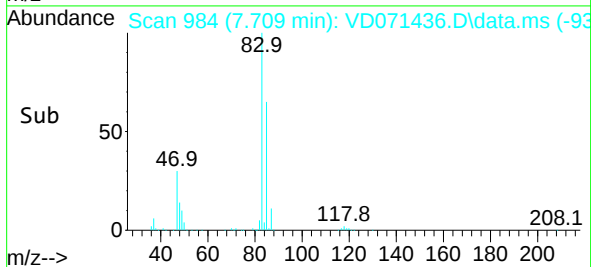
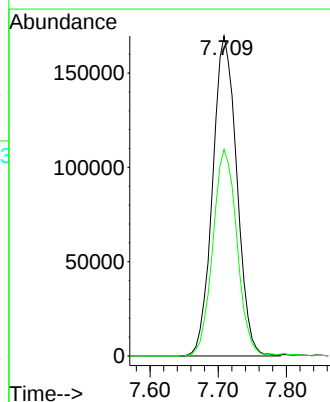
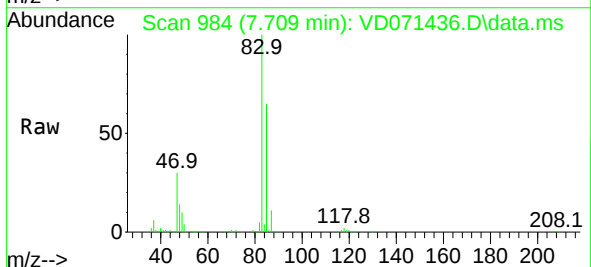
RT: 7.709 min Scan# 984

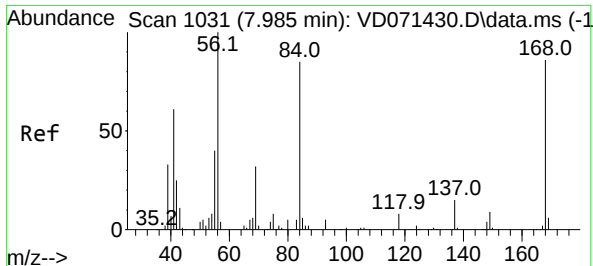
Delta R.T. 0.007 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Tgt Ion: 83 Resp: 418712
 Ion Ratio Lower Upper
 83 100
 85 64.6 51.0 76.6





#31

Cyclohexane

Concen: 45.020 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 377120

Ion Ratio Lower Upper

56 100

69 31.2 25.9 38.9

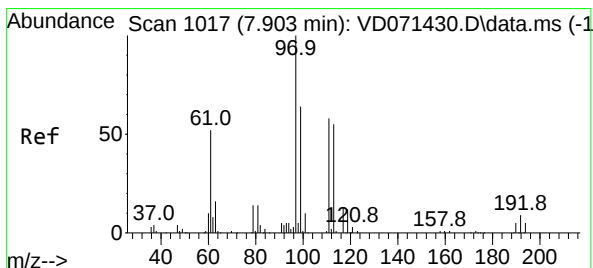
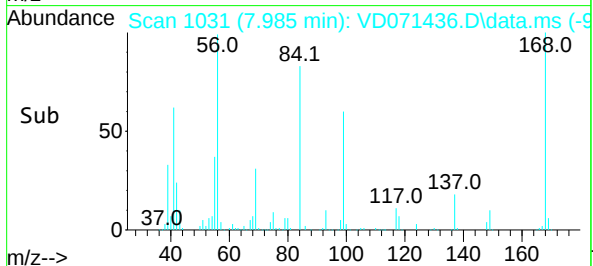
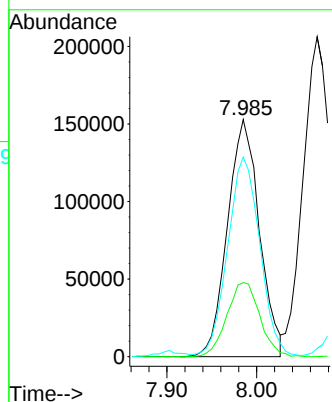
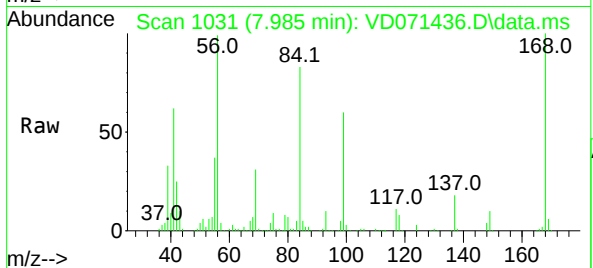
84 82.8 64.3 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#32

1,1,1-Trichloroethane

Concen: 48.960 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.001 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

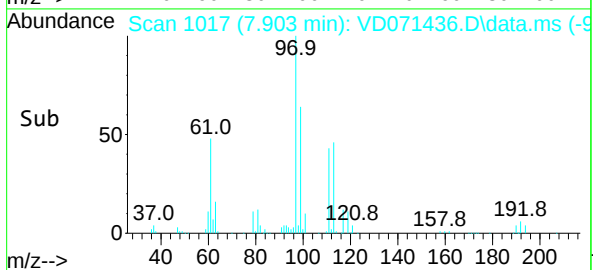
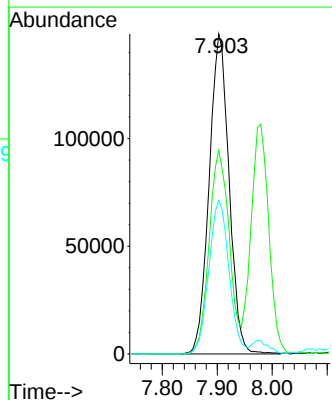
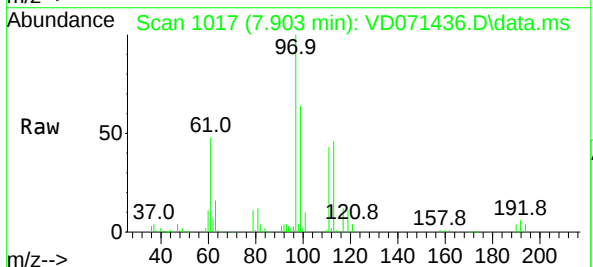
Tgt Ion: 97 Resp: 374120

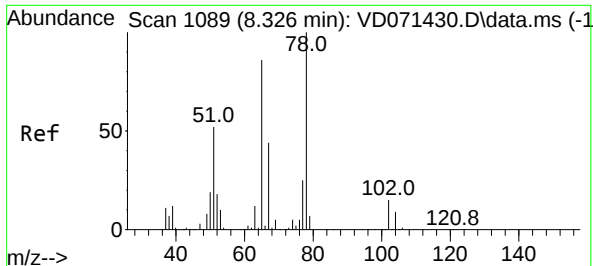
Ion Ratio Lower Upper

97 100

99 64.5 50.3 75.5

61 48.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 45.950 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22658

Ion Ratio Lower Upper

65 100

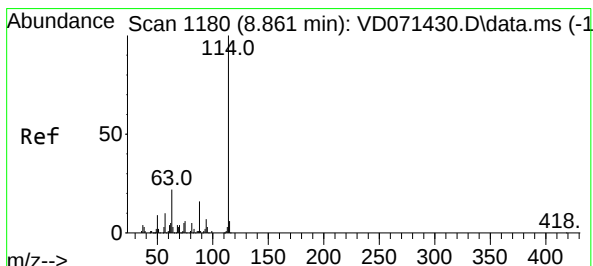
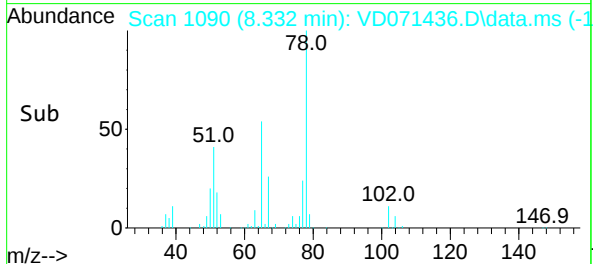
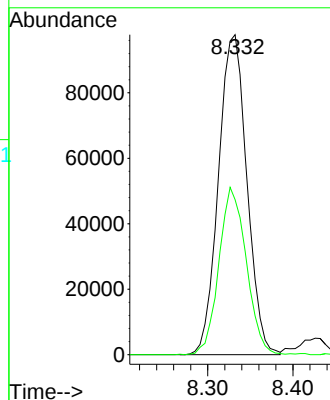
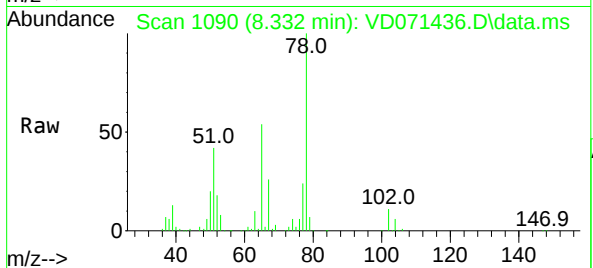
67 50.3 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

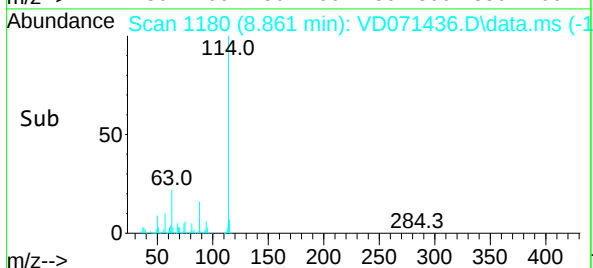
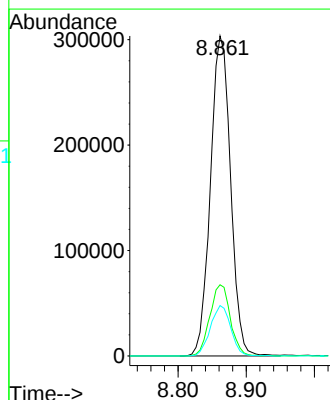
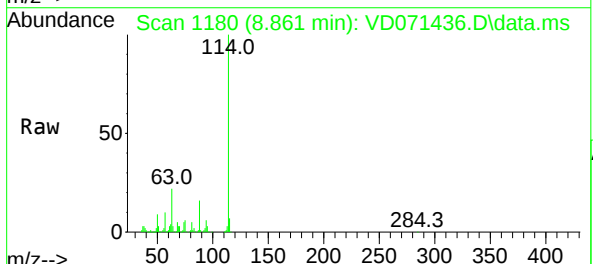
Tgt Ion:114 Resp: 623920

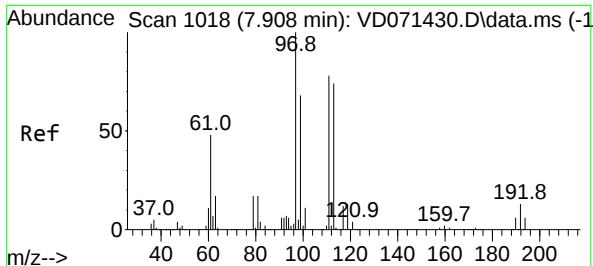
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.373 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

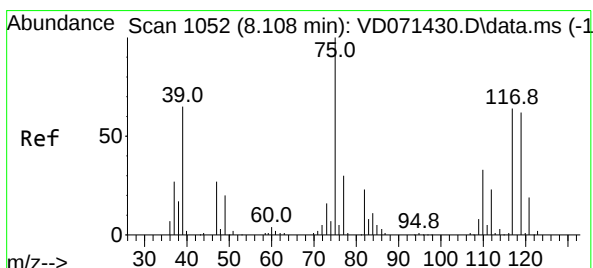
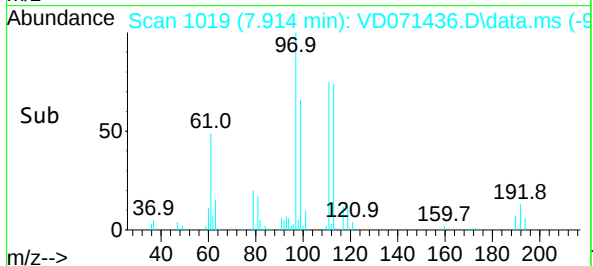
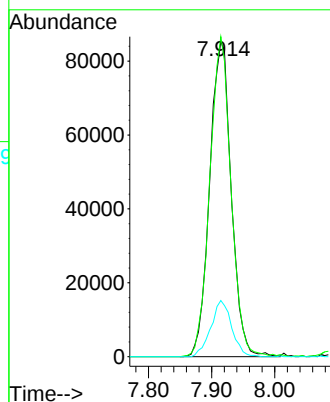
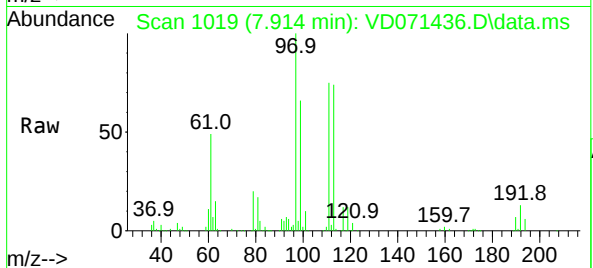
VSTDCCC050

Tgt Ion: 113 Resp: 202839
 Ion Ratio Lower Upper
 113 100
 111 99.4 82.0 123.0
 192 17.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#36

1,1-Dichloropropene

Concen: 48.617 ug/l

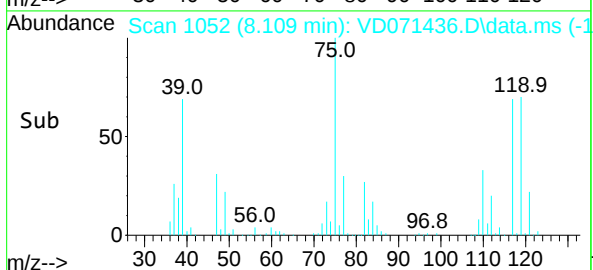
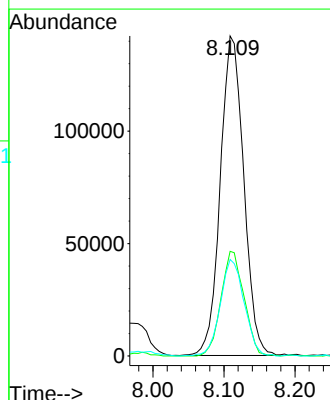
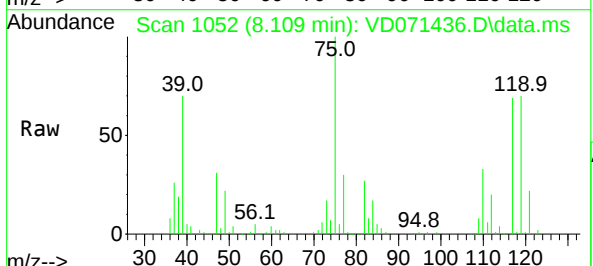
RT: 8.109 min Scan# 1052

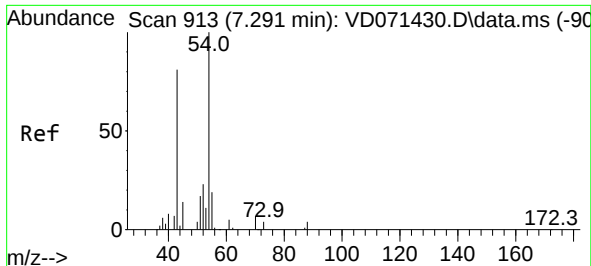
Delta R.T. 0.001 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Tgt Ion: 75 Resp: 325698
 Ion Ratio Lower Upper
 75 100
 110 32.2 17.8 53.4
 77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 46.208 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

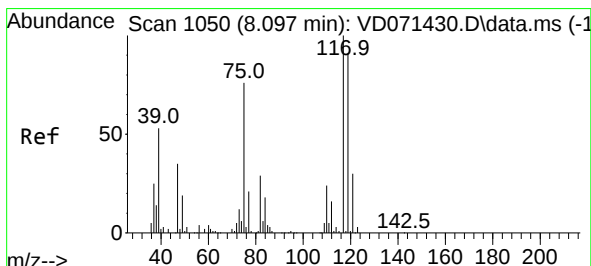
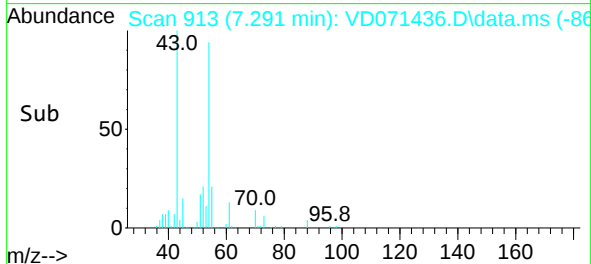
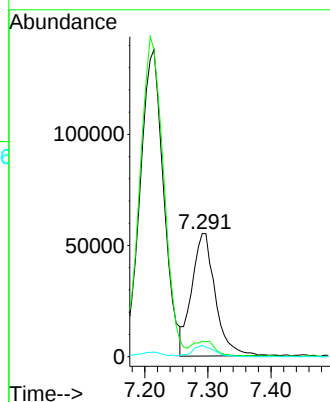
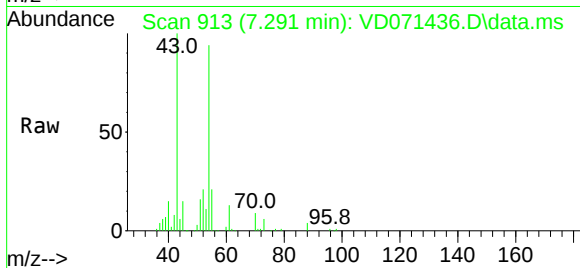
Tgt Ion: 43 Resp: 142914

Ion	Ratio	Lower	Upper
43	100		
61	11.5	13.0	19.6
70	8.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#38

Carbon Tetrachloride

Concen: 49.060 ug/l

RT: 8.097 min Scan# 1050

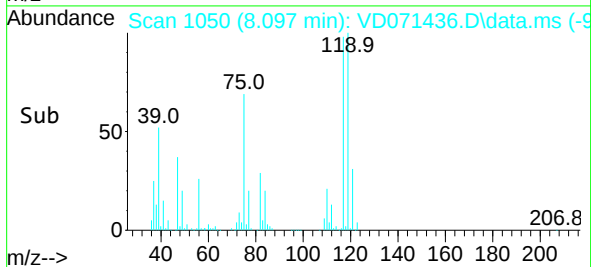
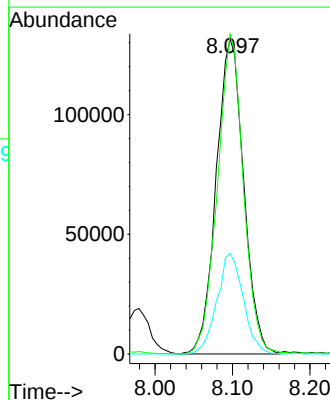
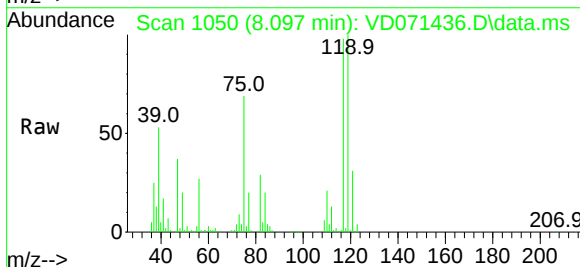
Delta R.T. -0.000 min

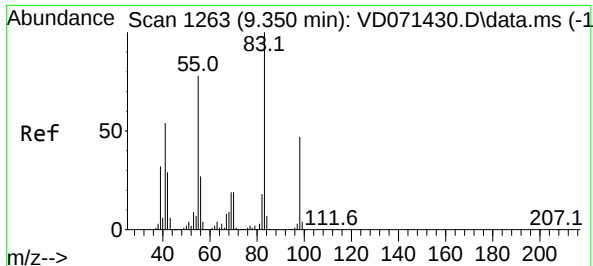
Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Tgt Ion:117 Resp: 324256

Ion	Ratio	Lower	Upper
117	100		
119	101.6	75.8	113.6
121	31.9	23.6	35.4





#39

Methylcyclohexane

Concen: 48.191 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.001 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

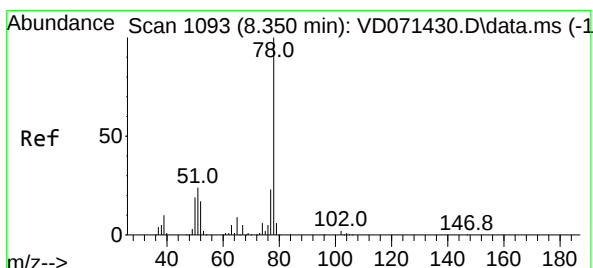
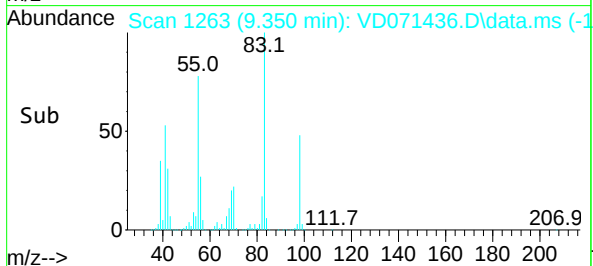
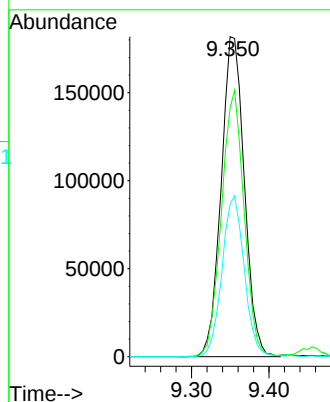
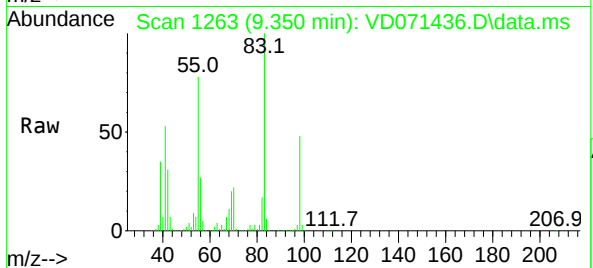
Tgt Ion:	83	Resp:	37791
Ion Ratio	Lower	Upper	
83	100		
55	77.8	65.8	98.8
98	47.7	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#40

Benzene

Concen: 47.602 ug/l

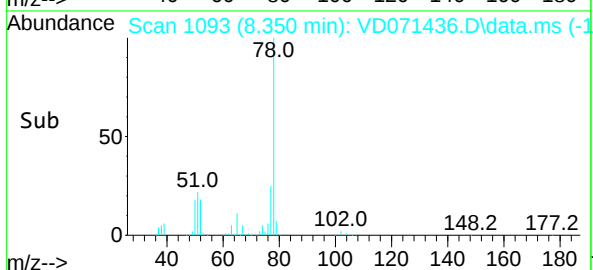
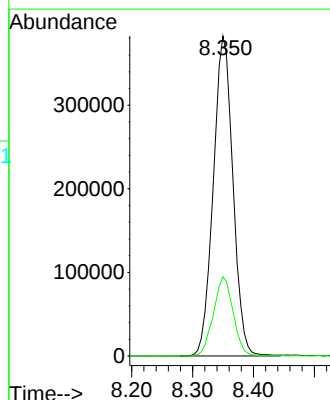
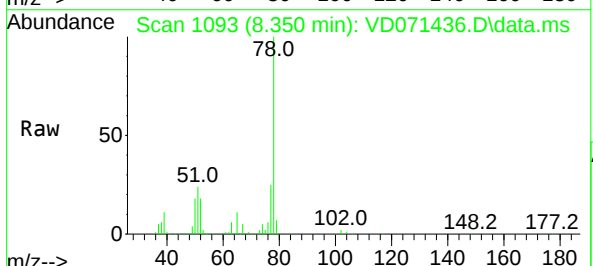
RT: 8.350 min Scan# 1093

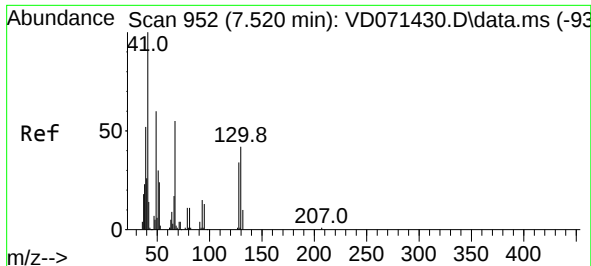
Delta R.T. -0.000 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

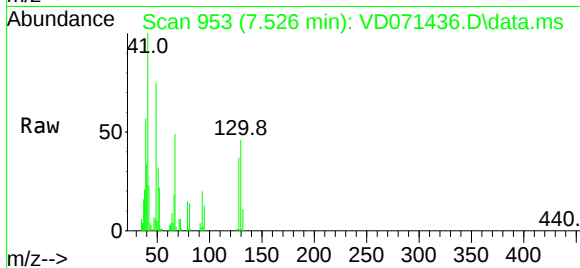
Tgt Ion:	78	Resp:	857285
Ion Ratio	Lower	Upper	
78	100		
77	24.7	19.1	28.7





#41
Methacrylonitrile
Concen: 50.103 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

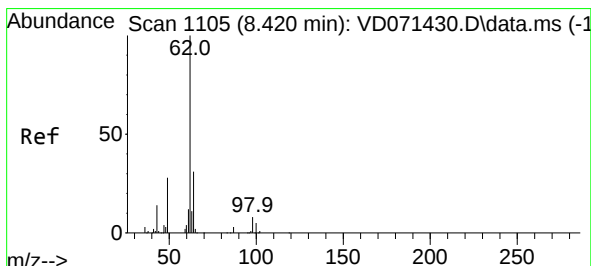
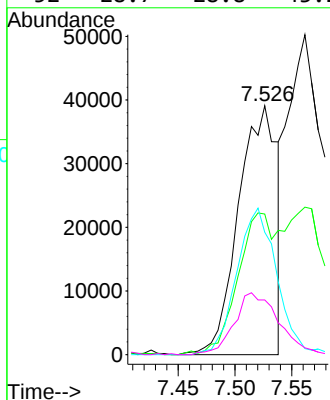
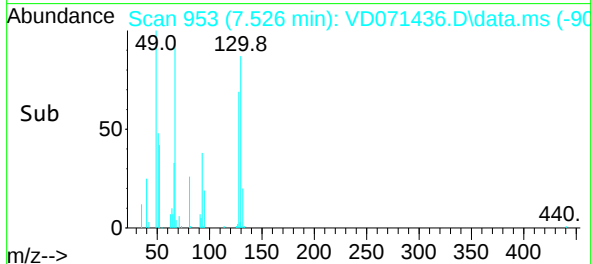
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 92043
Ion Ratio Lower Upper
41 100
39 49.8 60.2 90.4
67 62.0 74.8 112.2
52 28.7 28.8 43.2#

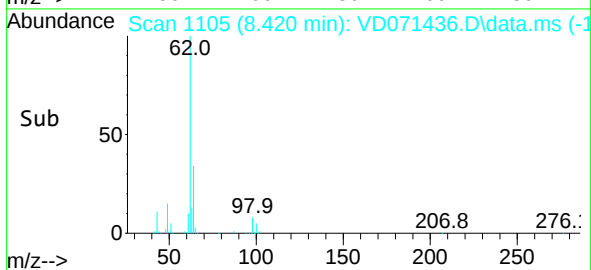
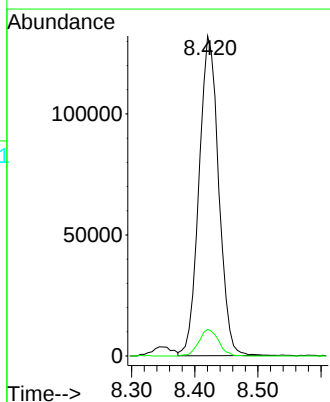
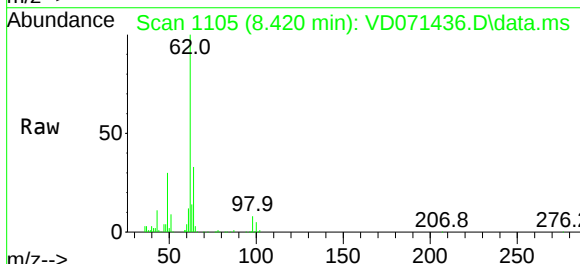
Manual Integrations
APPROVED

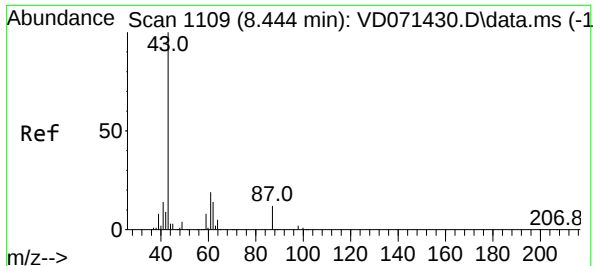
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#42
1,2-Dichloroethane
Concen: 48.610 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion: 62 Resp: 285472
Ion Ratio Lower Upper
62 100
98 8.4 0.0 21.8





#43

Isopropyl Acetate

Concen: 46.391 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

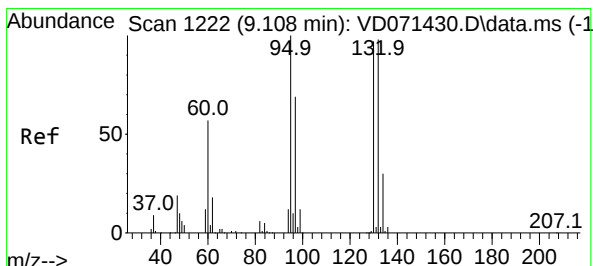
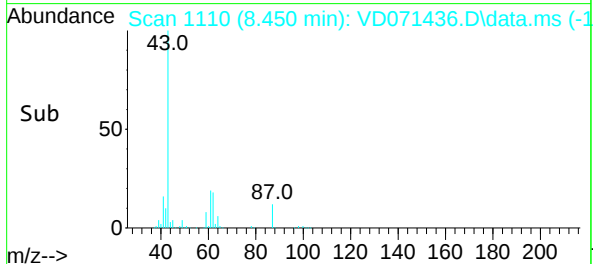
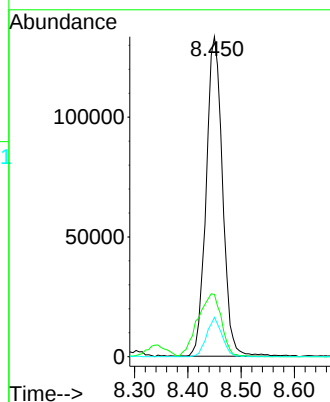
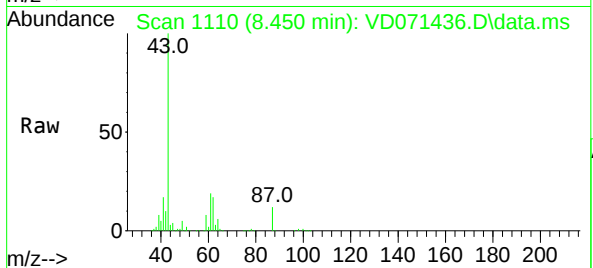
VSTDCCC050

Tgt Ion:	43	Resp:	284735
Ion Ratio	Lower	Upper	
43	100		
61	28.7	28.2	42.4
87	11.6	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#44

Trichloroethene

Concen: 48.277 ug/l

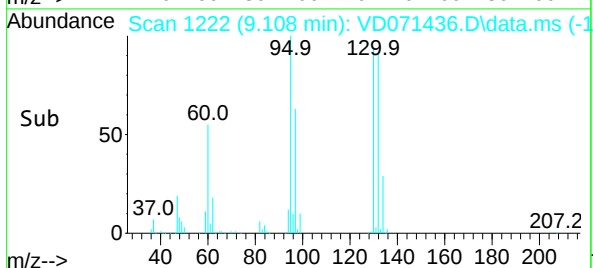
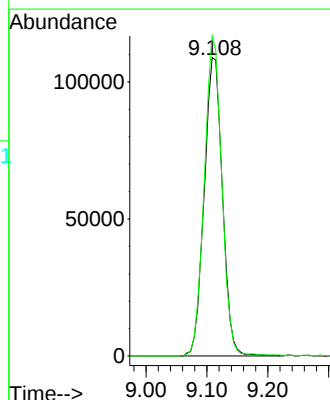
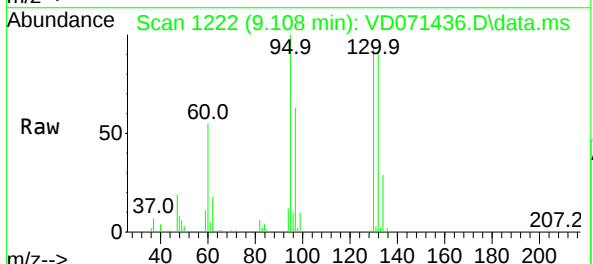
RT: 9.108 min Scan# 1222

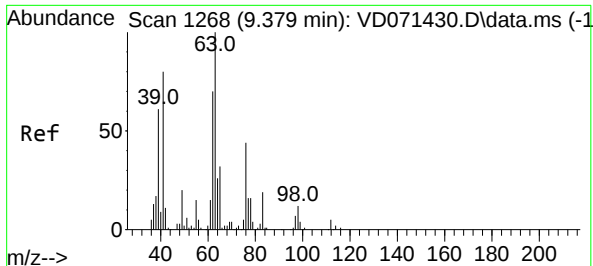
Delta R.T. 0.000 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Tgt Ion:	130	Resp:	226570
Ion Ratio	Lower	Upper	
130	100		
95	107.2	0.0	193.2





#45

1,2-Dichloropropane

Concen: 48.452 ug/l

RT: 9.385 min Scan# 1268

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 226420

Ion Ratio Lower Upper

63 100

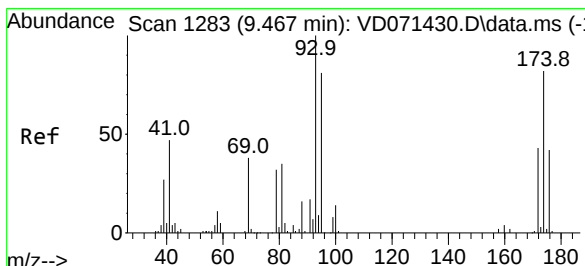
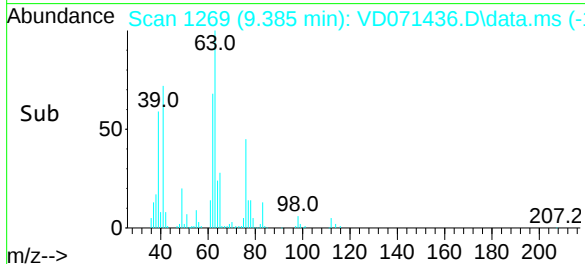
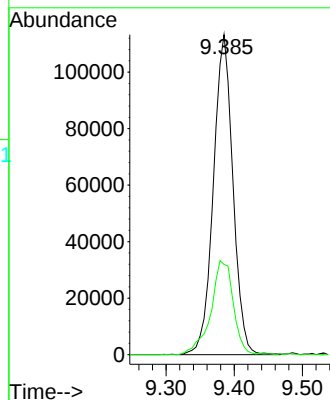
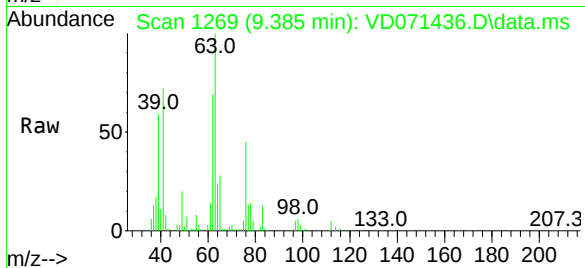
65 28.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#46

Dibromomethane

Concen: 47.362 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

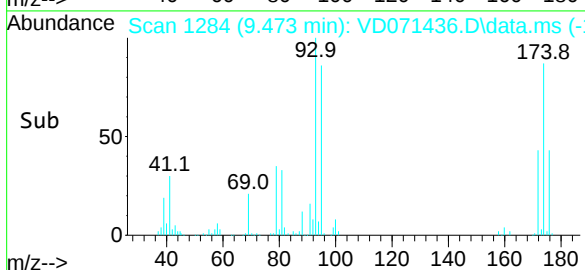
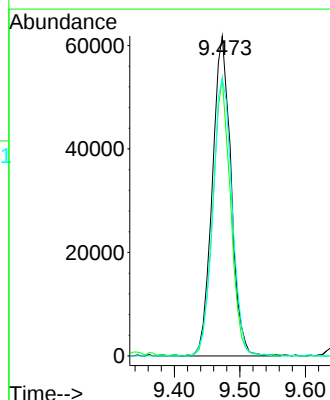
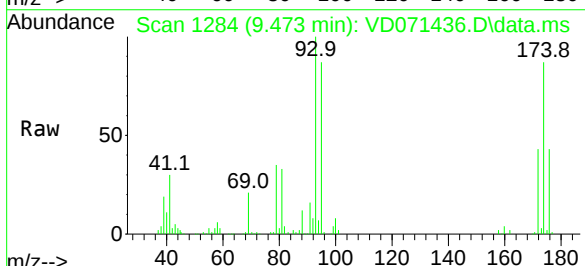
Tgt Ion: 93 Resp: 122279

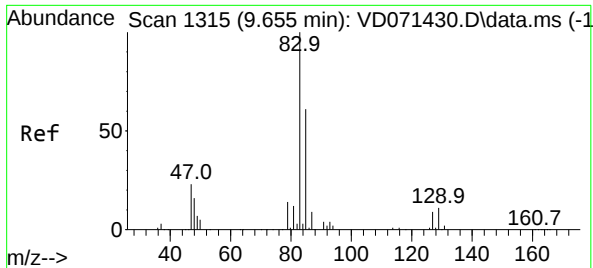
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 88.9 78.6 117.8





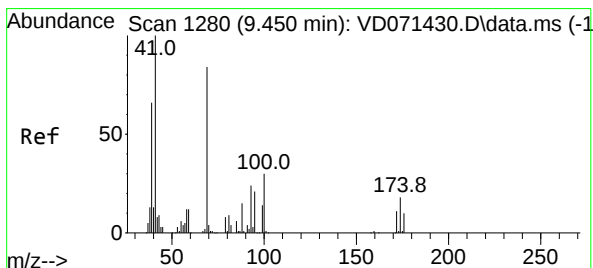
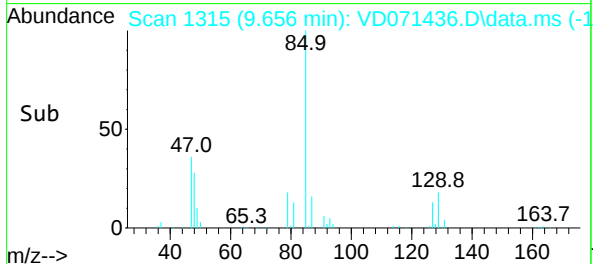
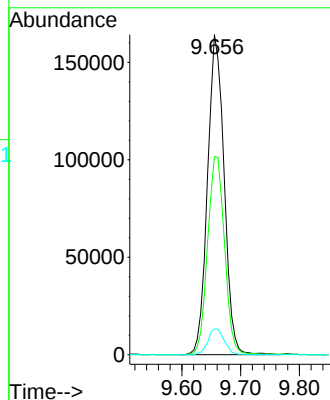
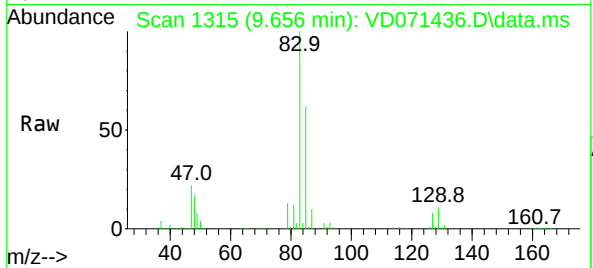
#47
Bromodichloromethane
Concen: 49.142 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.001 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 32212
Ion Ratio Lower Upper
83 100
85 61.9 50.0 75.0
127 8.0 7.3 10.9

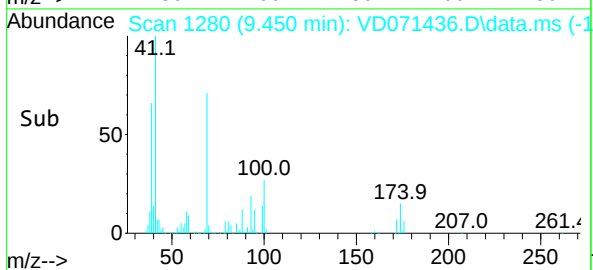
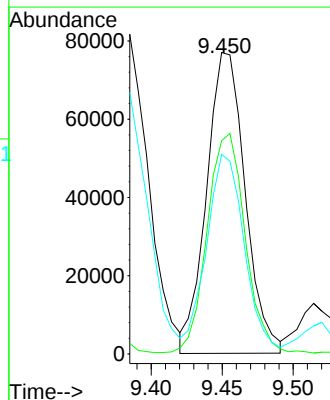
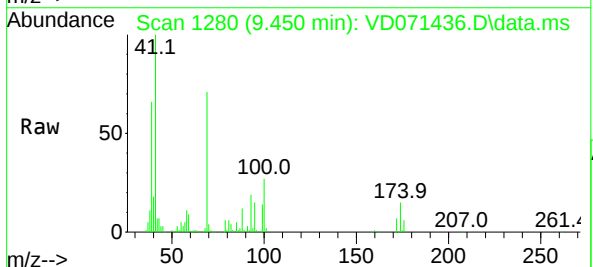
Manual Integrations
APPROVED

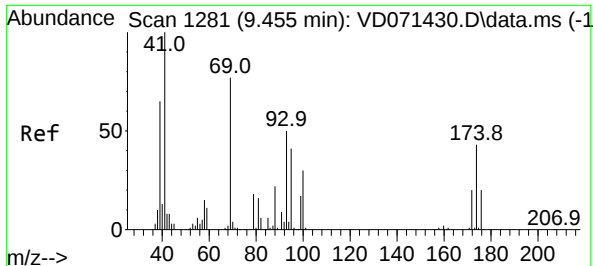
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#48
Methyl methacrylate
Concen: 47.880 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.001 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion: 41 Resp: 145424
Ion Ratio Lower Upper
41 100
69 73.3 69.8 104.6
39 60.6 35.6 53.4





#49

1,4-Dioxane

Concen: 905.486 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.006 min

Lab File: VD071436.D

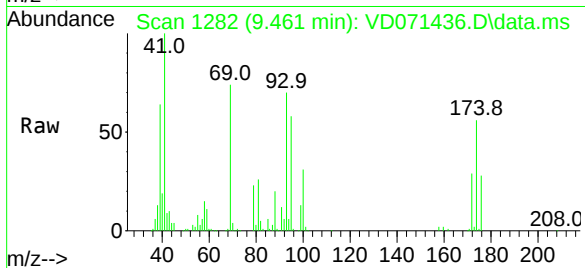
Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

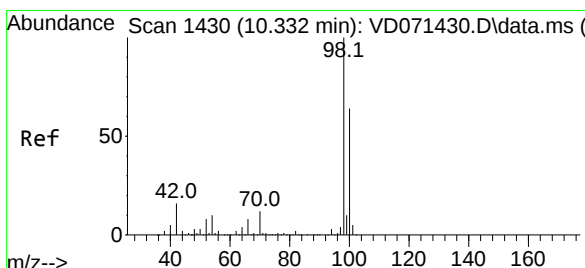
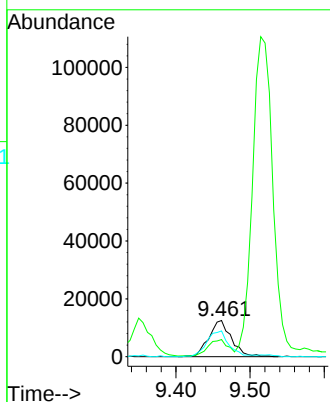
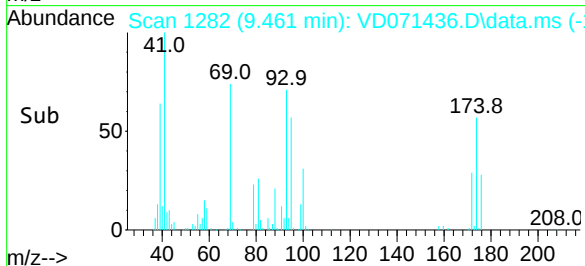


Tgt Ion:	88	Resp:	26418
Ion	Ratio	Lower	Upper
88	100		
43	40.0	28.9	43.3
58	71.1	56.3	84.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#50

Toluene-d8

Concen: 47.615 ug/l

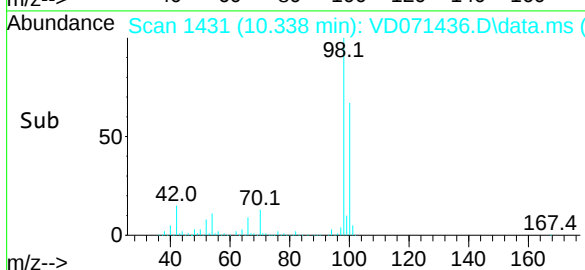
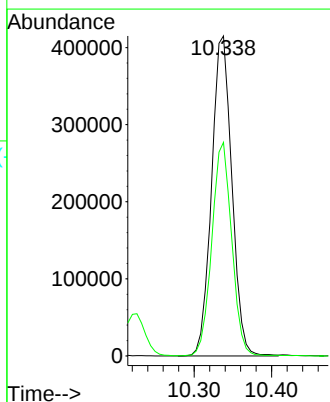
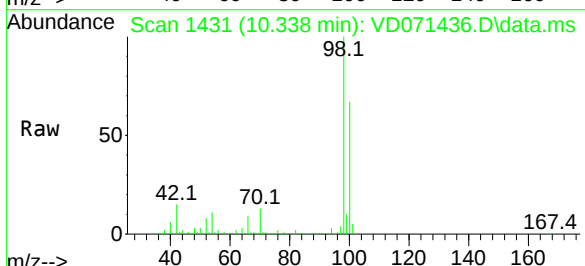
RT: 10.338 min Scan# 1431

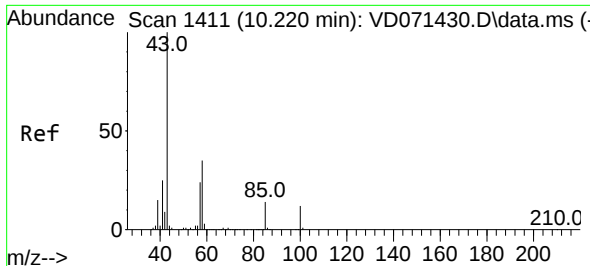
Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

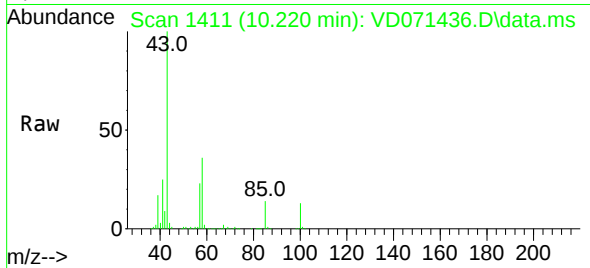
Tgt Ion:	98	Resp:	754516
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 234.413 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

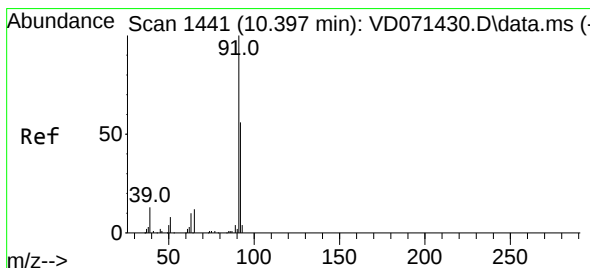
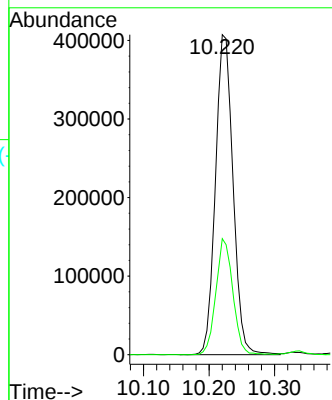
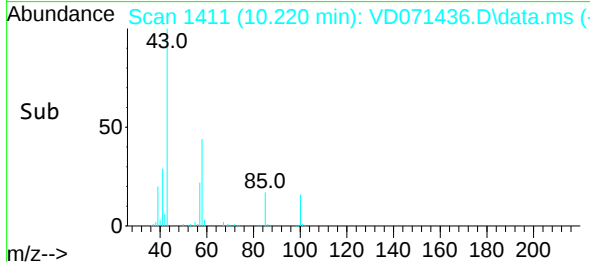
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



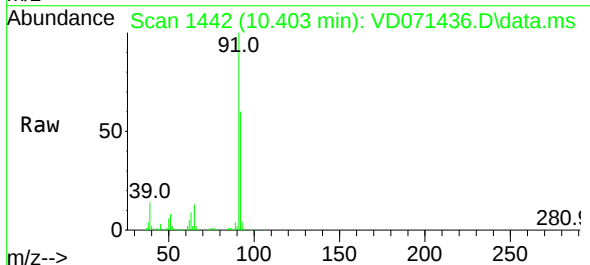
Tgt Ion: 43 Resp: 756952
Ion Ratio Lower Upper
43 100
58 35.0 33.1 49.7

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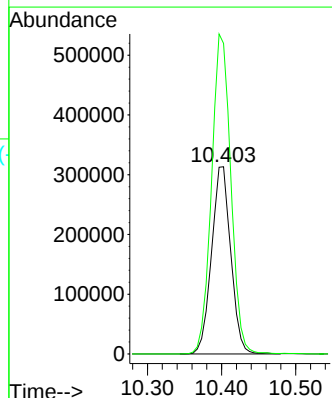
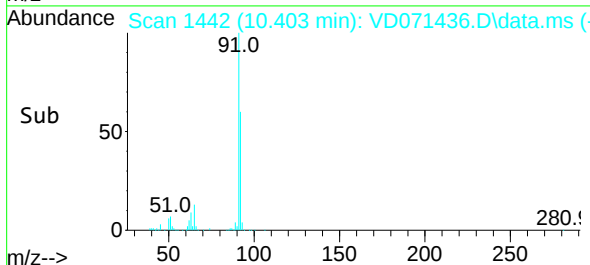
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

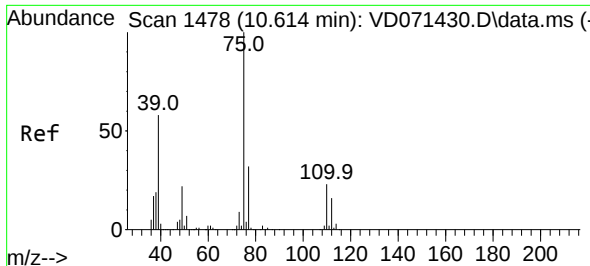


#52
Toluene
Concen: 49.327 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.007 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



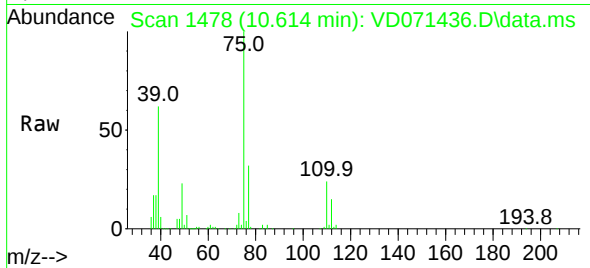
Tgt Ion: 92 Resp: 564317
Ion Ratio Lower Upper
92 100
91 171.5 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 49.448 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

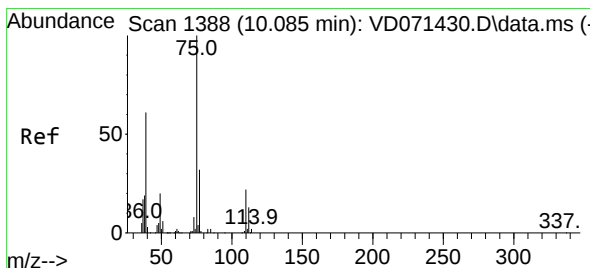
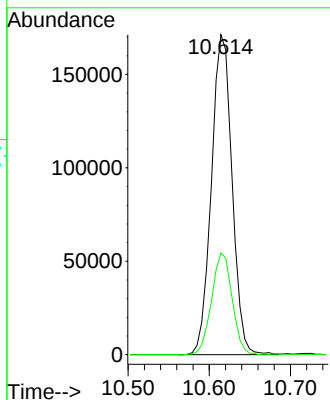
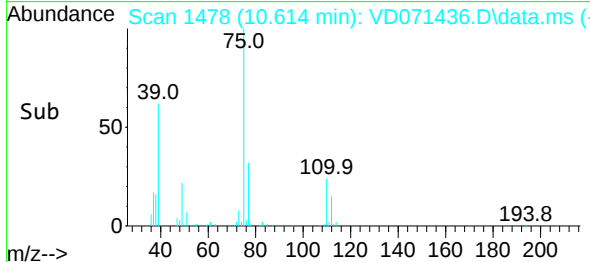
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 302674
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7

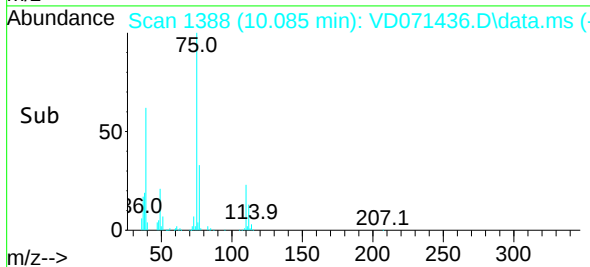
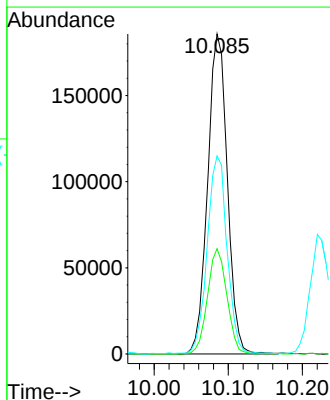
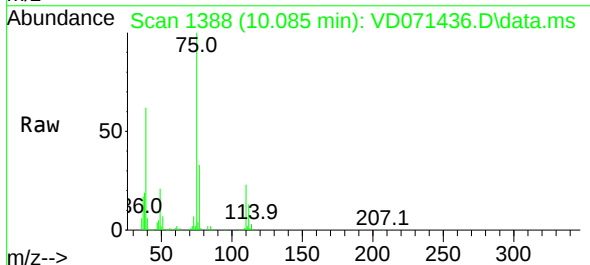
Manual Integrations
APPROVED

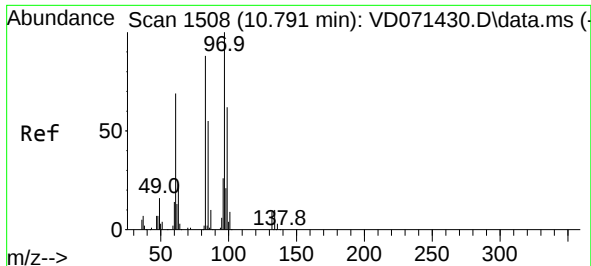
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#54
cis-1,3-Dichloropropene
Concen: 48.401 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

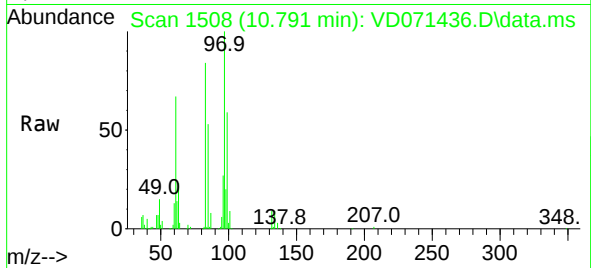
Tgt Ion: 75 Resp: 342352
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 61.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 48.723 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

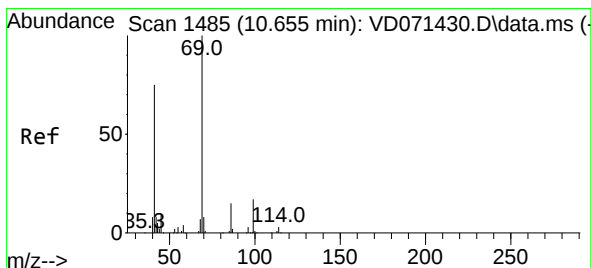
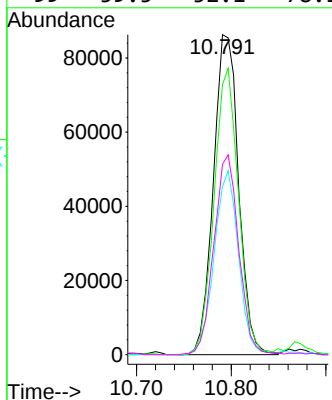
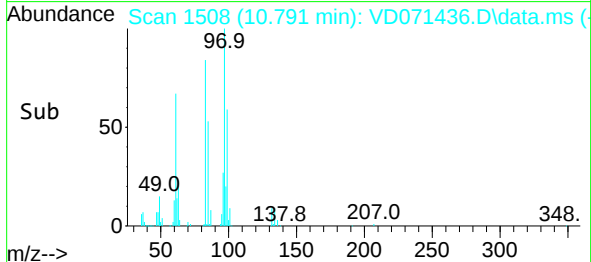
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



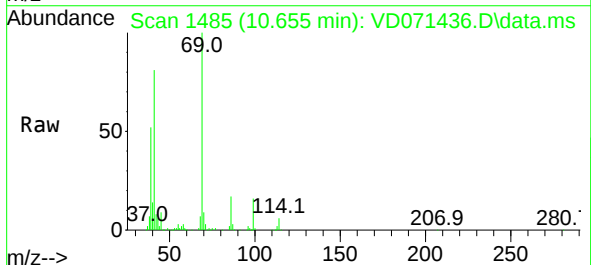
Tgt Ion: 97 Resp: 159672
Ion Ratio Lower Upper
97 100
83 84.4 65.2 97.8
85 52.6 43.4 65.0
99 59.5 52.1 78.1

Manual Integrations
APPROVED

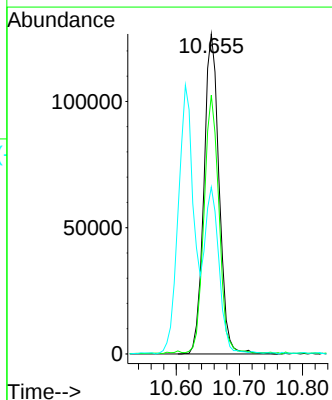
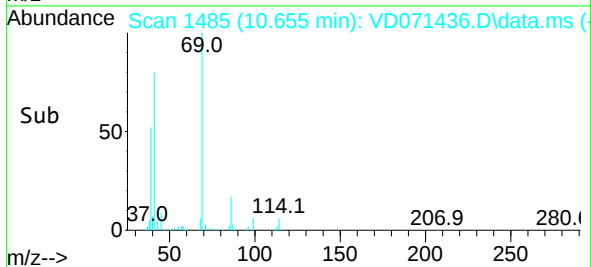
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

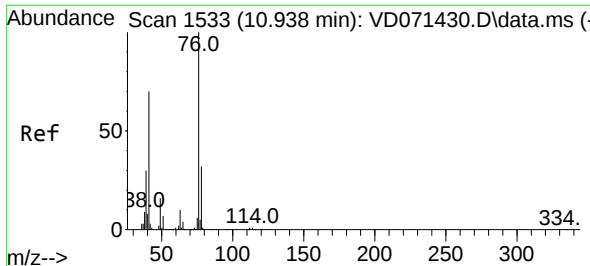


#56
Ethyl methacrylate
Concen: 49.050 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



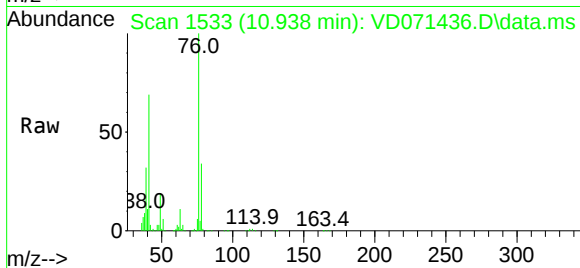
Tgt Ion: 69 Resp: 211528
Ion Ratio Lower Upper
69 100
41 79.0 50.2 75.2#
39 47.9 19.8 29.8#





#57
1,3-Dichloropropane
Concen: 47.553 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

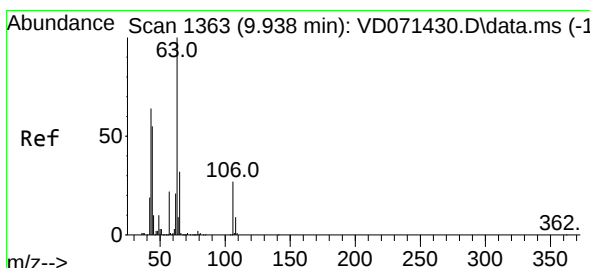
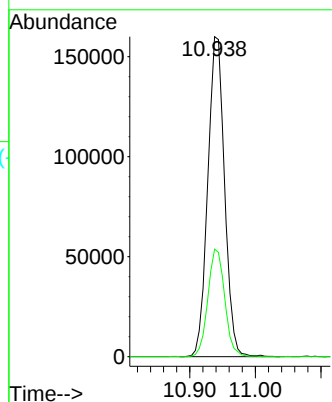
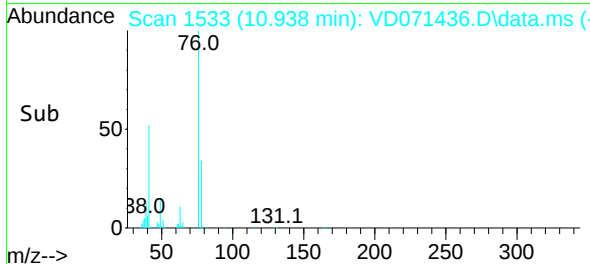
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 285450
Ion Ratio Lower Upper
76 100
78 33.8 25.8 38.6

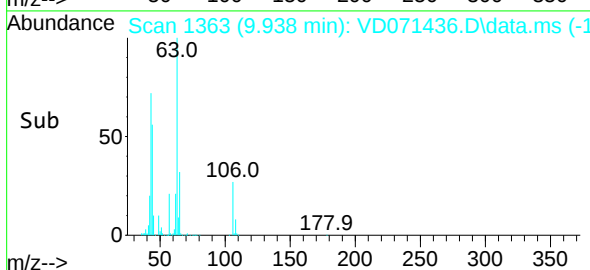
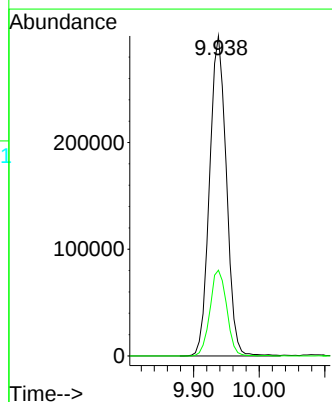
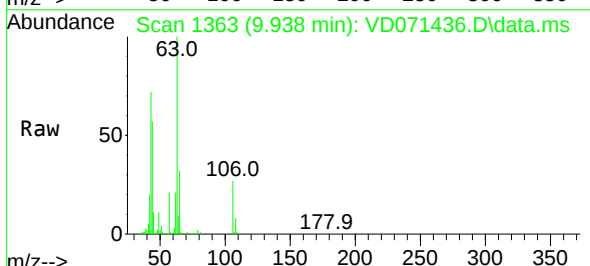
Manual Integrations
APPROVED

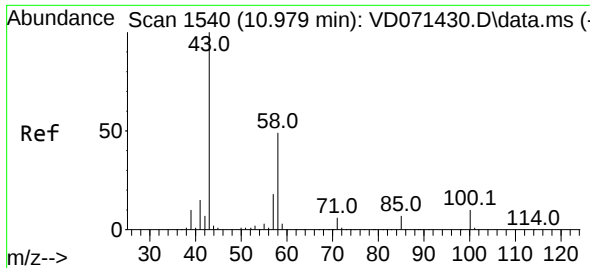
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#58
2-Chloroethyl Vinyl ether
Concen: 258.666 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

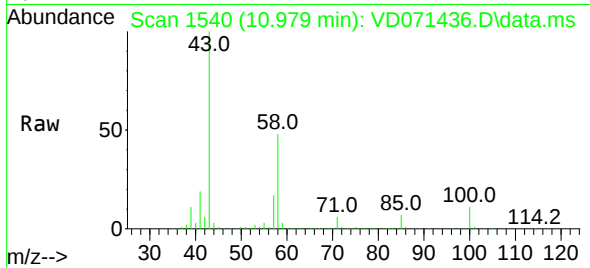
Tgt Ion: 63 Resp: 534342
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.4





#59
2-Hexanone
Concen: 248.029 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

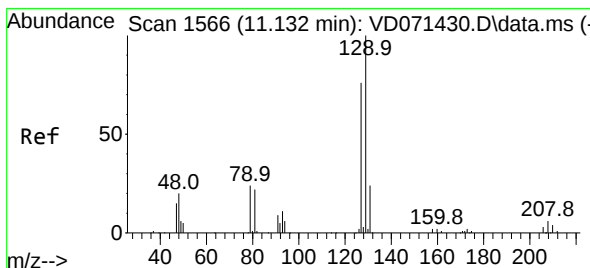
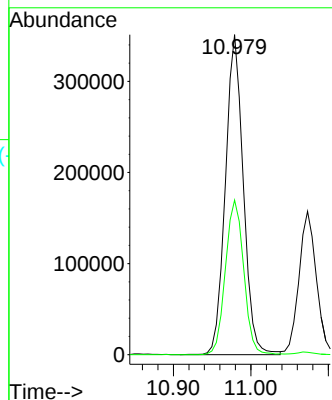
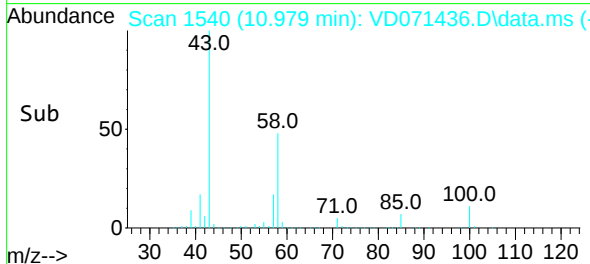
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



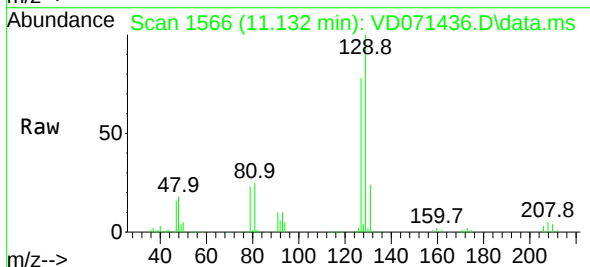
Tgt Ion: 43 Resp: 566132
Ion Ratio Lower Upper
43 100
58 49.3 28.7 86.1

Manual Integrations
APPROVED

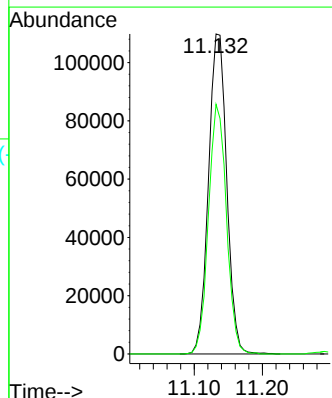
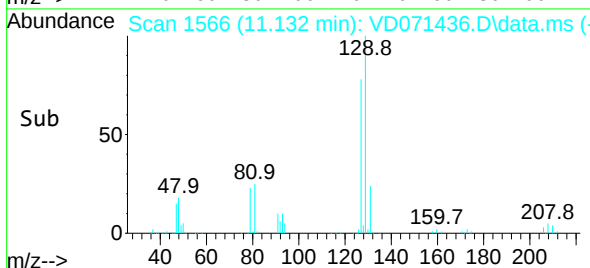
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

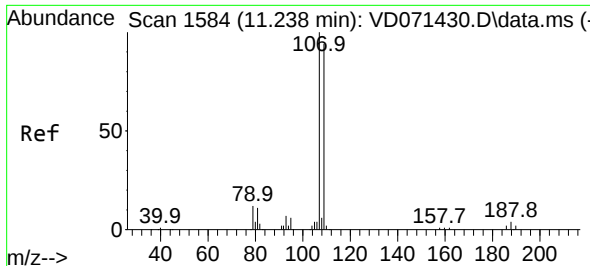


#60
Dibromochloromethane
Concen: 49.584 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



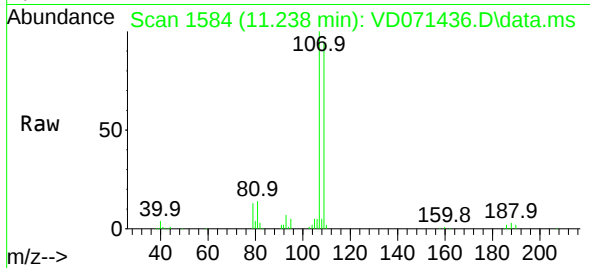
Tgt Ion:129 Resp: 204268
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 48.165 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

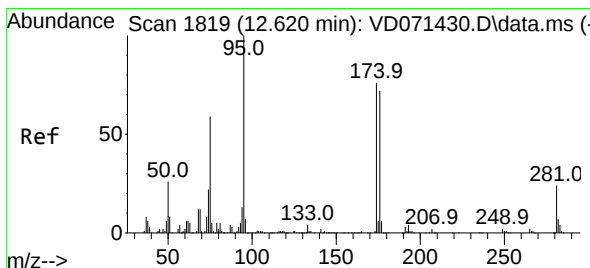
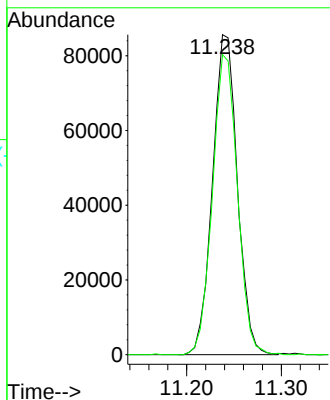
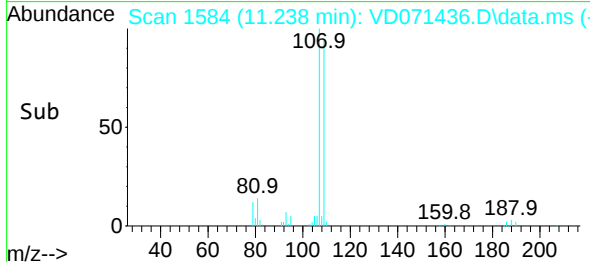
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



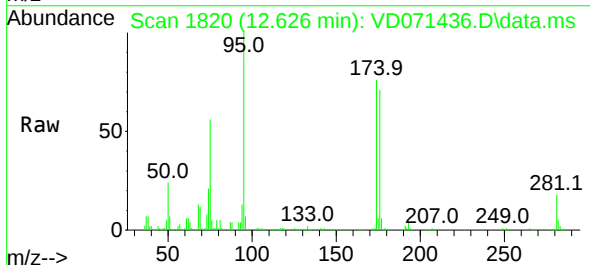
Tgt Ion:107 Resp: 156340
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0

Manual Integrations
APPROVED

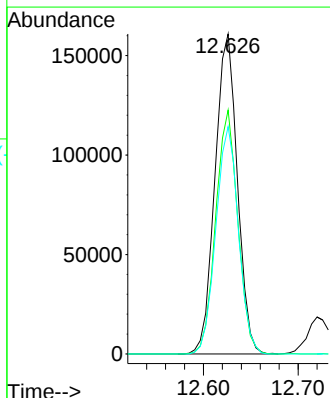
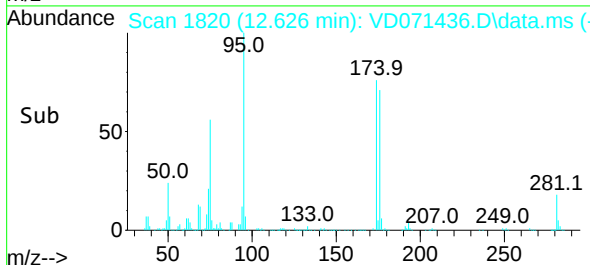
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

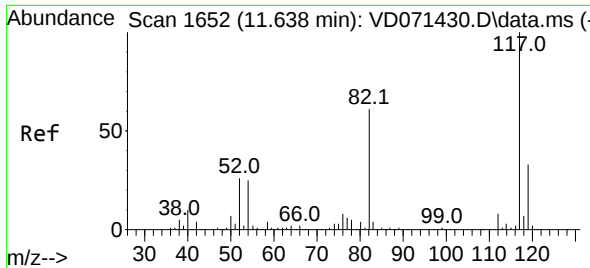


#62
4-Bromofluorobenzene
Concen: 46.906 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



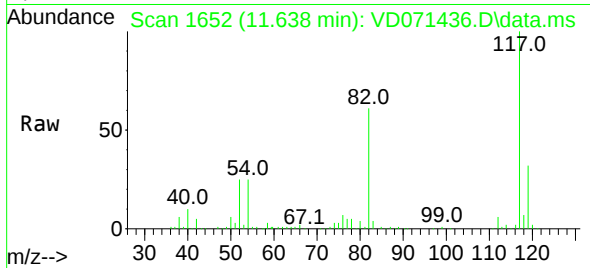
Tgt Ion: 95 Resp: 264127
Ion Ratio Lower Upper
95 100
174 75.2 0.0 159.4
176 71.4 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

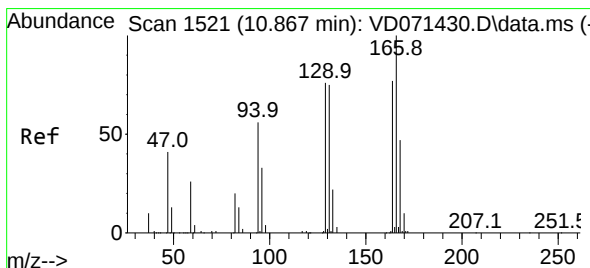
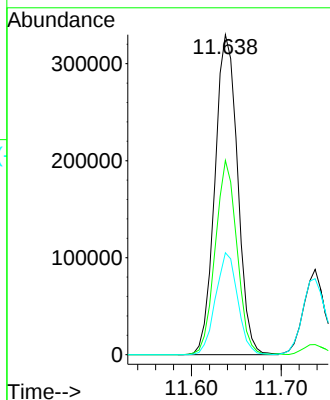
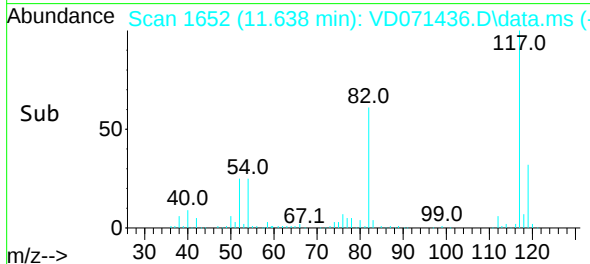
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



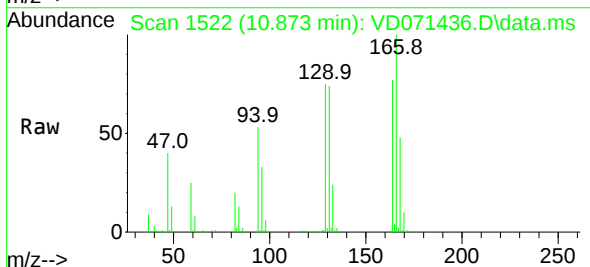
Tgt Ion:117 Resp: 579769
Ion Ratio Lower Upper
117 100
82 60.7 44.7 67.1
119 31.9 26.2 39.4

Manual Integrations
APPROVED

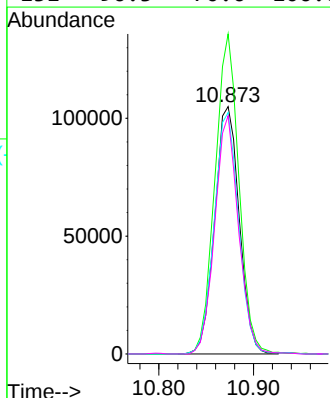
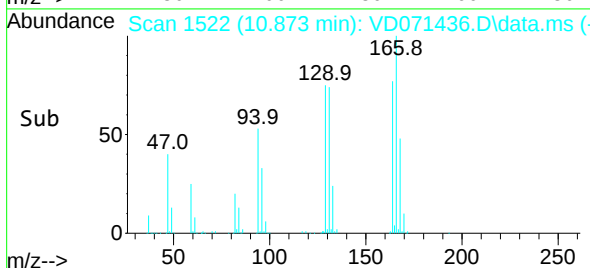
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

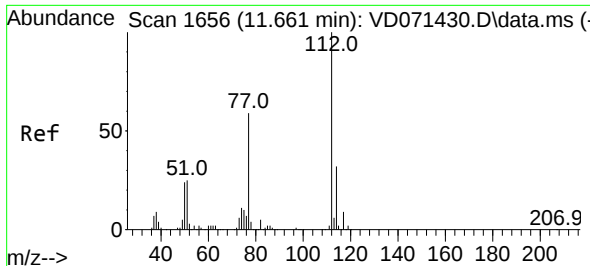


#64
Tetrachloroethene
Concen: 47.044 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



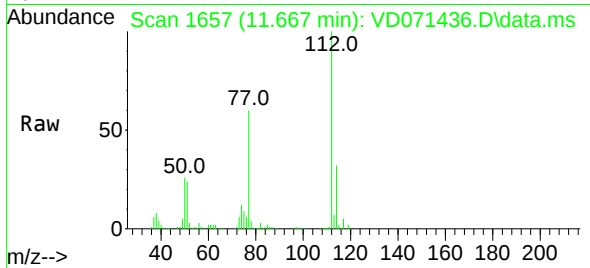
Tgt Ion:164 Resp: 189535
Ion Ratio Lower Upper
164 100
166 129.3 102.6 153.8
129 97.6 75.4 113.0
131 96.3 70.6 106.0





#65
Chlorobenzene
Concen: 48.571 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

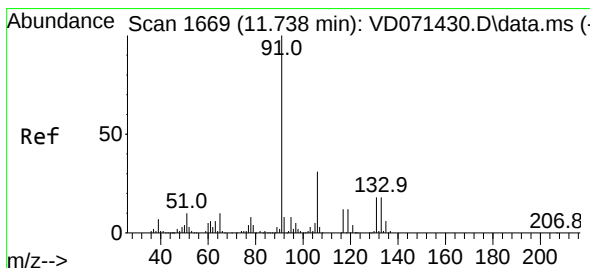
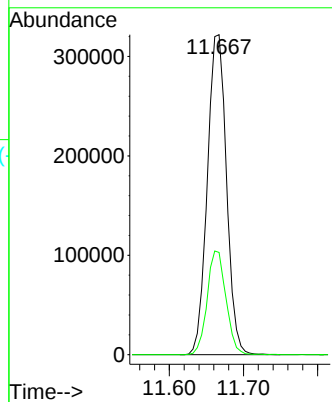
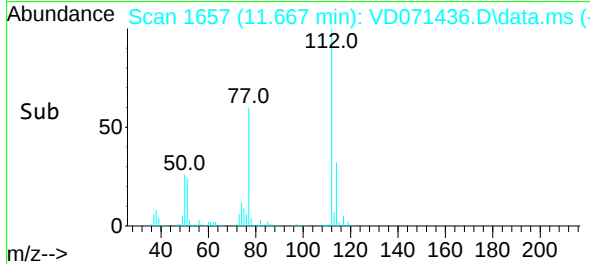
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



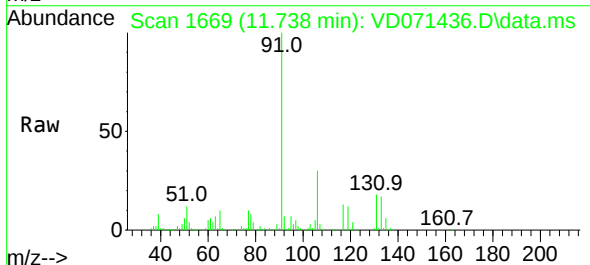
Tgt Ion:112 Resp: 577620
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

Manual Integrations
APPROVED

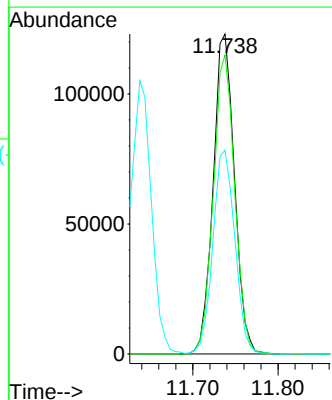
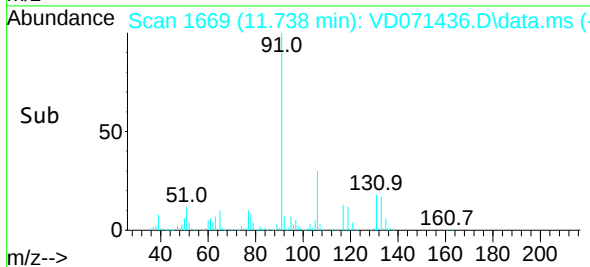
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

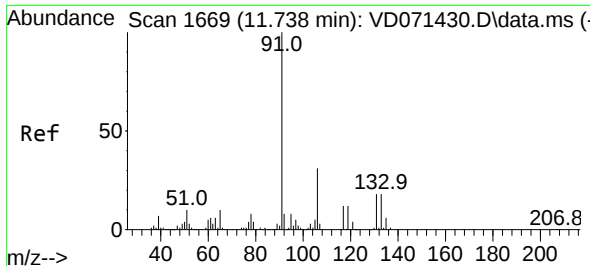


#66
1,1,1,2-Tetrachloroethane
Concen: 49.130 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



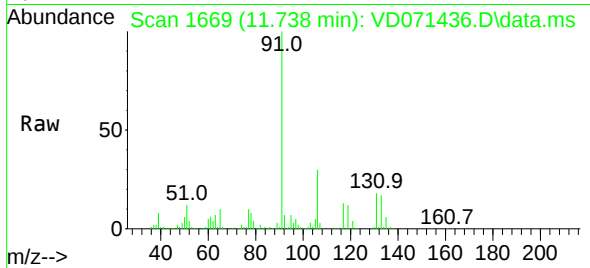
Tgt Ion:131 Resp: 213447
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 65.9 33.5 100.4





#67
Ethyl Benzene
Concen: 49.220 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

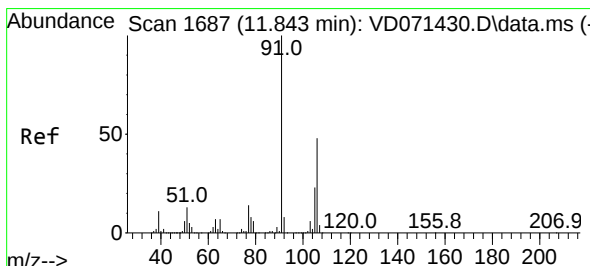
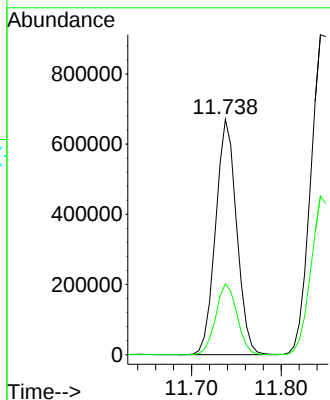
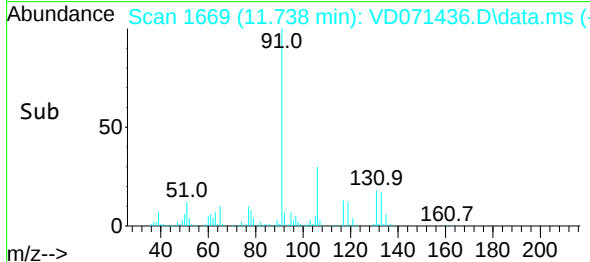
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



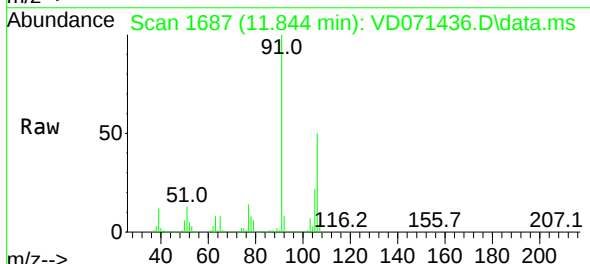
Tgt Ion: 91 Resp: 108935
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8

Manual Integrations
APPROVED

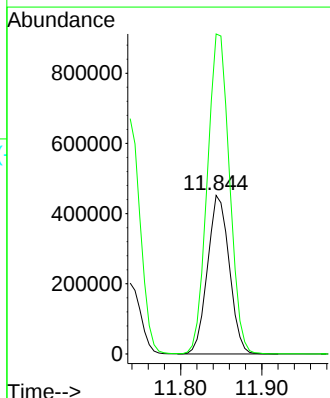
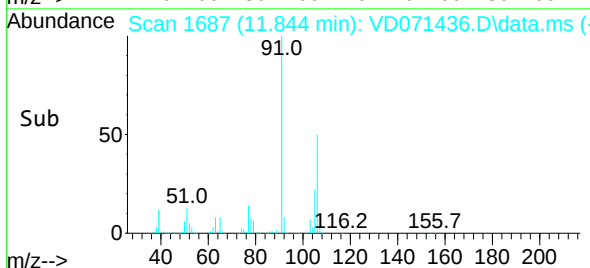
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

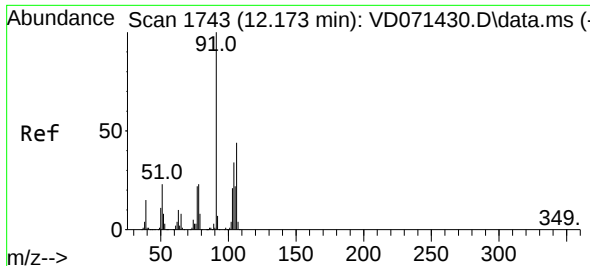


#68
m/p-Xylenes
Concen: 99.966 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



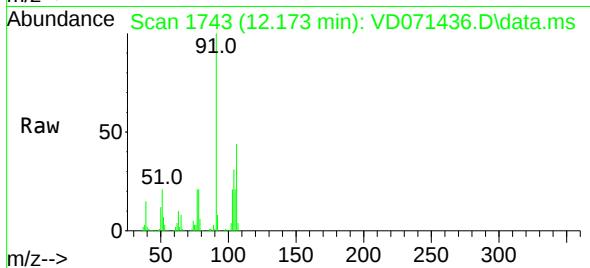
Tgt Ion:106 Resp: 840565
Ion Ratio Lower Upper
106 100
91 206.1 160.1 240.1





#69
o-Xylene
Concen: 50.643 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

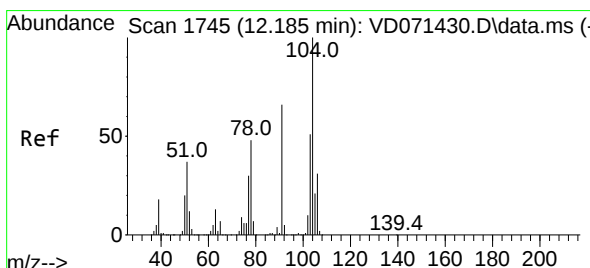
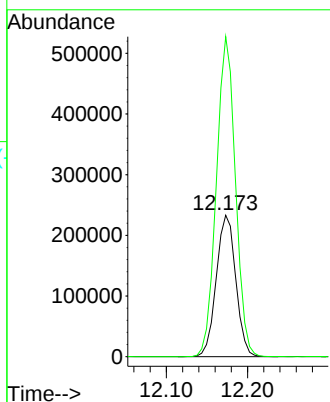
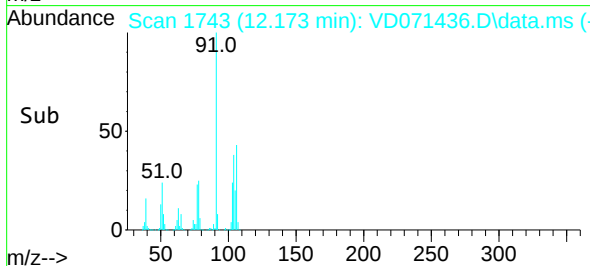
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 389244
Ion Ratio Lower Upper
106 100
91 221.7 106.3 319.0

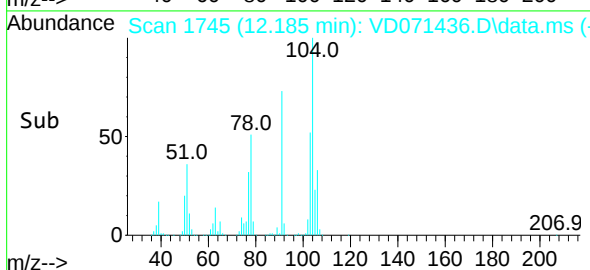
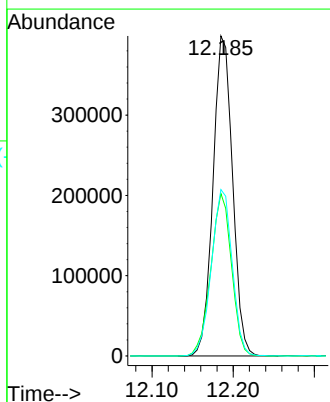
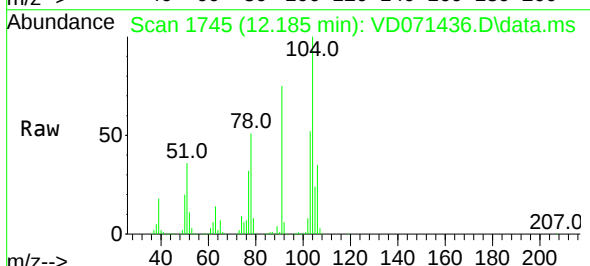
Manual Integrations
APPROVED

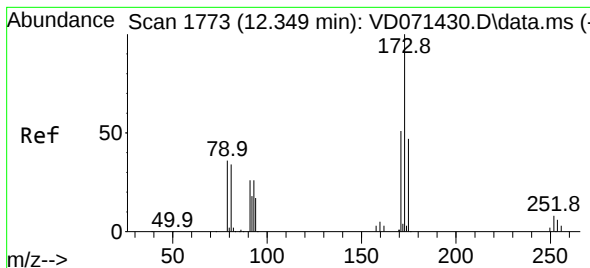
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#70
Styrene
Concen: 50.038 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion:104 Resp: 668112
Ion Ratio Lower Upper
104 100
78 53.6 39.4 59.0
103 55.3 43.4 65.0





#71

Bromoform

Concen: 48.164 ug/l

RT: 12.355 min Scan# 11323

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 11323

Ion Ratio Lower Upper

173 100

175 50.7 24.1 72.2

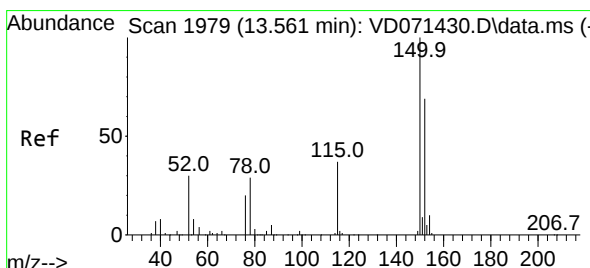
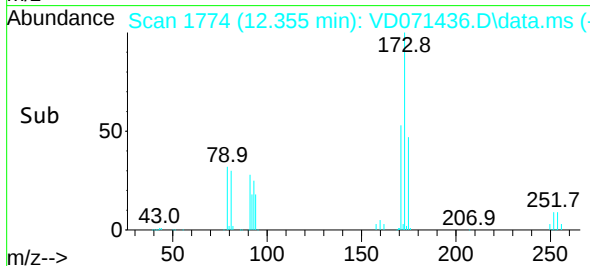
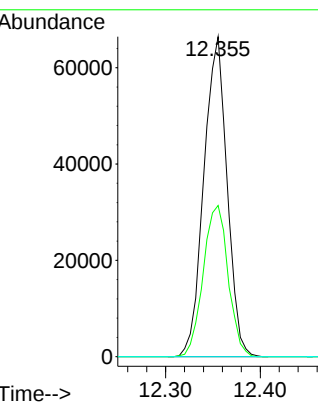
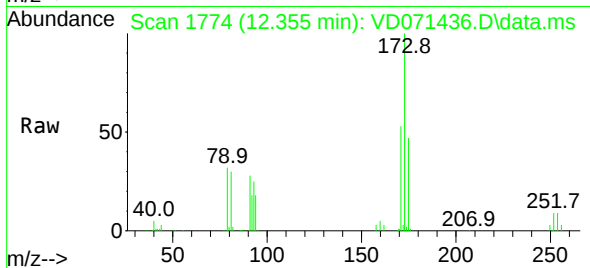
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

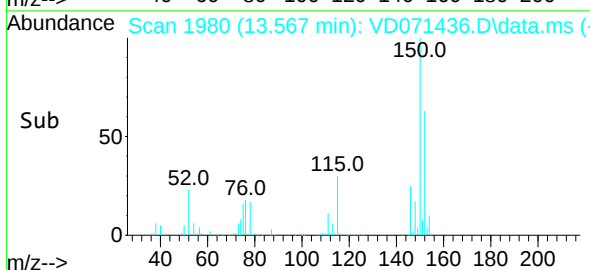
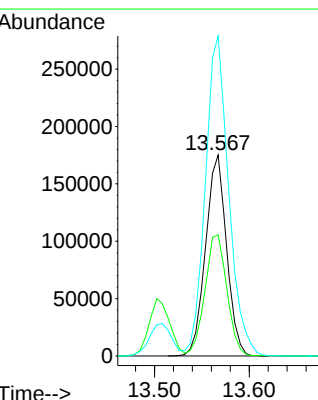
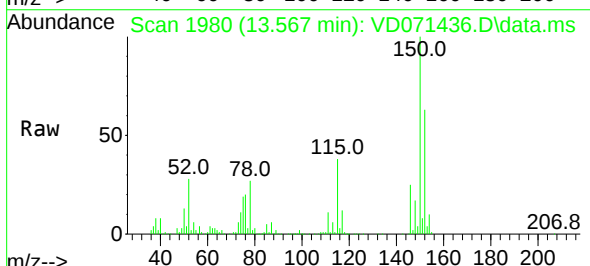
Tgt Ion:152 Resp: 269696

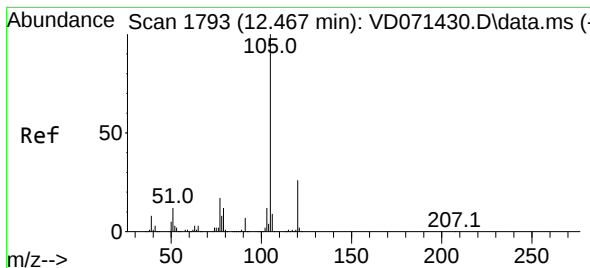
Ion Ratio Lower Upper

152 100

115 62.8 29.8 89.3

150 176.9 0.0 349.2





#73

Isopropylbenzene

Concen: 50.872 ug/l

RT: 12.473 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 105775

Ion Ratio Lower Upper

105 100

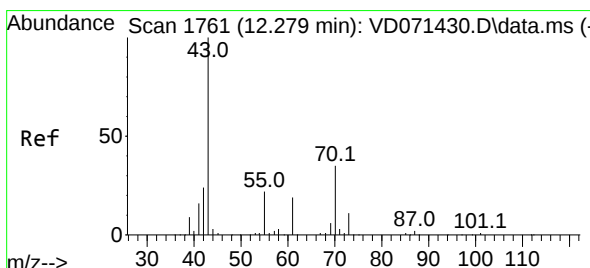
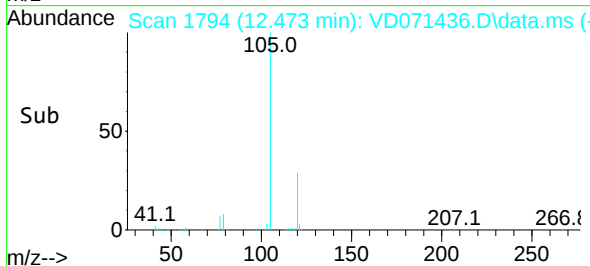
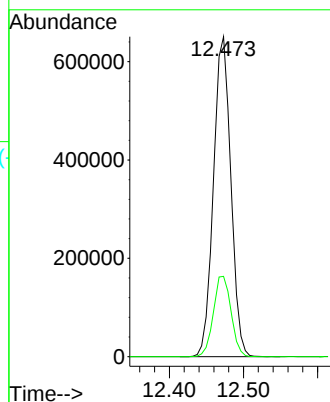
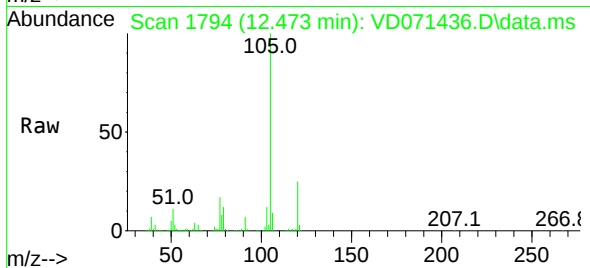
120 25.6 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021

Supervised By :Mahesh Dadoda 12/28/2021



#74

N-ethyl acetate

Concen: 49.396 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Tgt Ion: 43 Resp: 275553

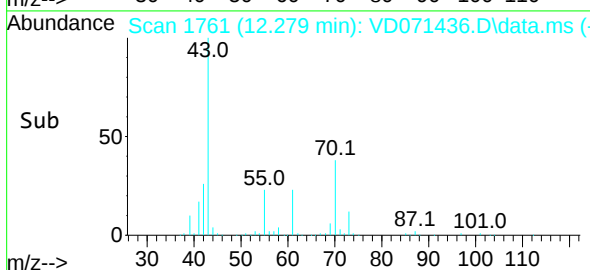
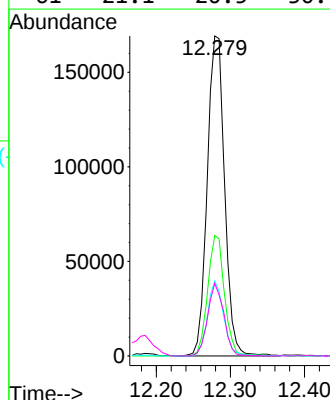
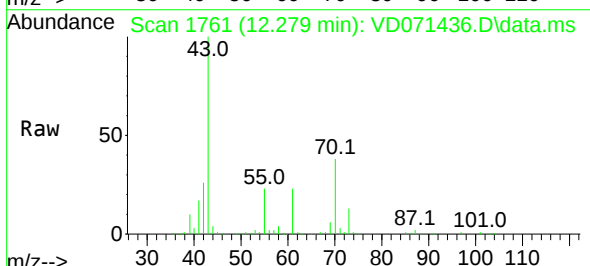
Ion Ratio Lower Upper

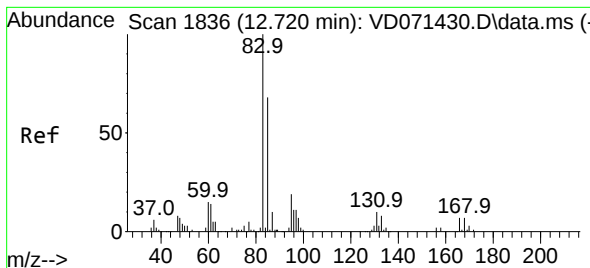
43 100

70 36.5 36.6 55.0#

55 22.0 22.5 33.7#

61 21.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.381 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

Instrument :

MSVOA_D

ClientSampleId :

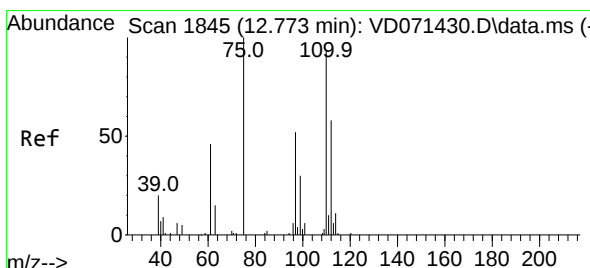
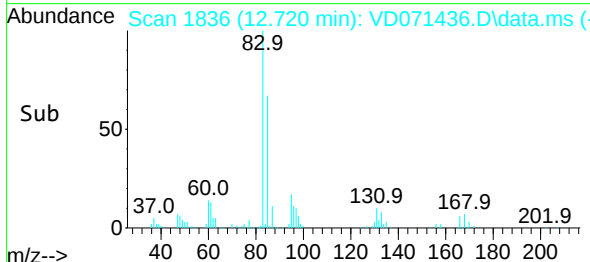
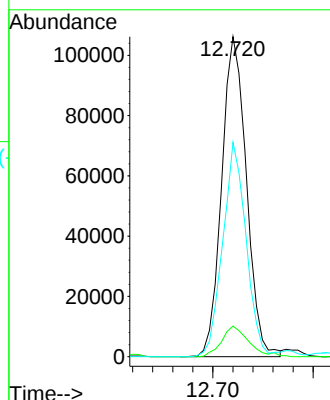
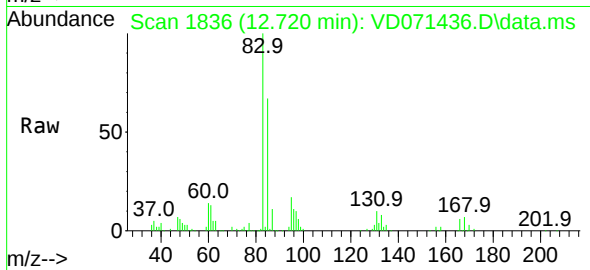
VSTDCCC050

Tgt Ion: 83 Resp: 18187
 Ion Ratio Lower Upper
 83 100
 131 10.4 4.9 14.7
 85 63.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#76

1,2,3-Trichloropropane

Concen: 50.075 ug/l m

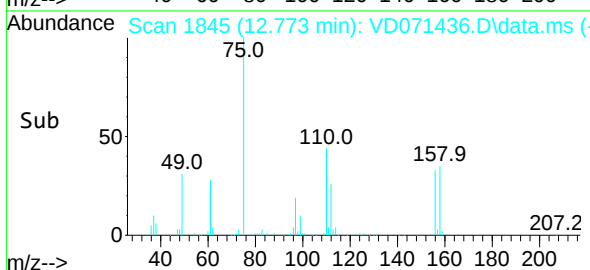
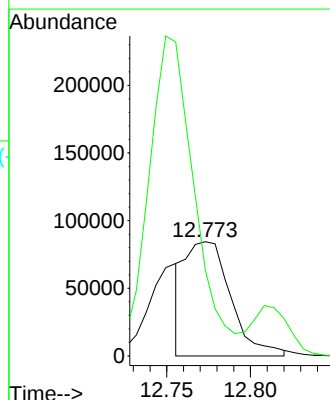
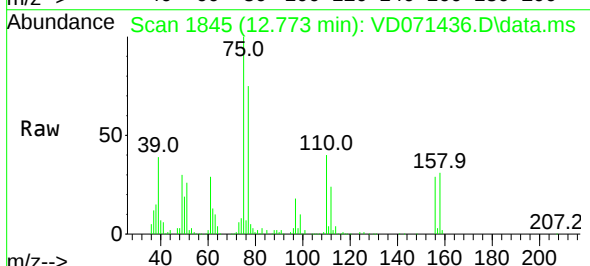
RT: 12.773 min Scan# 1845

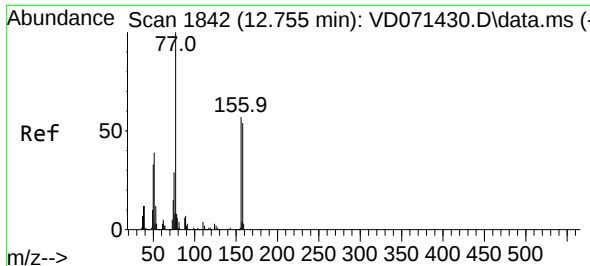
Delta R.T. -0.000 min

Lab File: VD071436.D

Acq: 23 Dec 2021 10:48

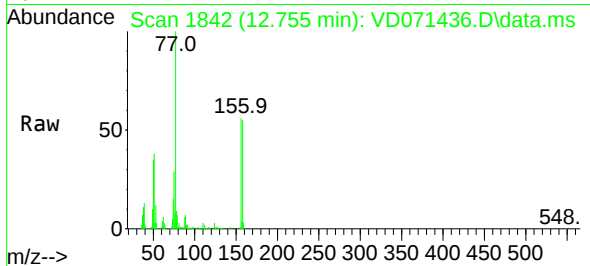
Tgt Ion: 75 Resp: 160465
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 48.298 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

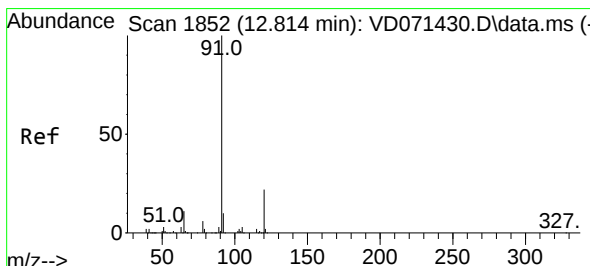
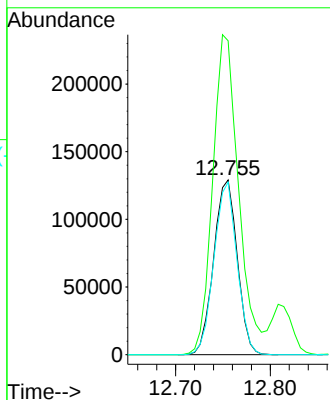
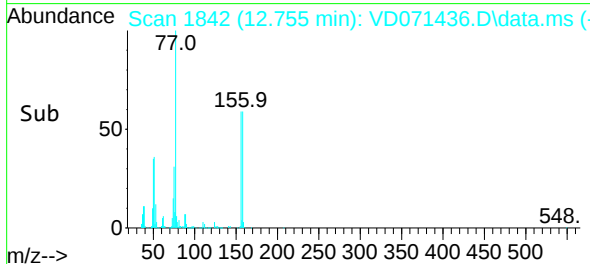
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 223463
Ion Ratio Lower Upper
156 100
77 199.6 96.6 289.8
158 96.5 49.1 147.4

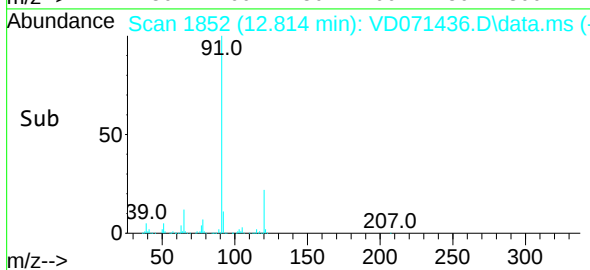
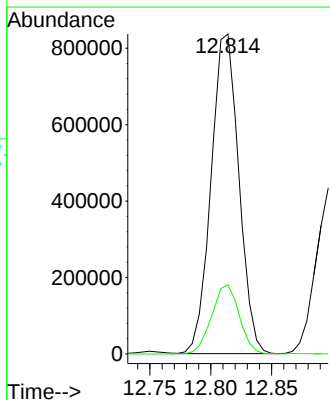
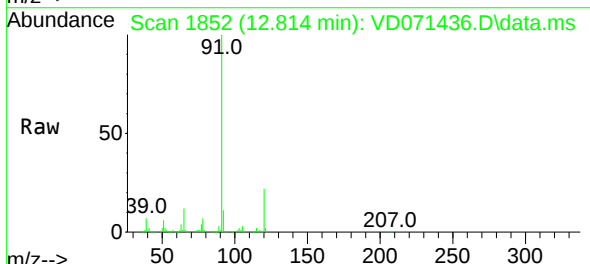
Manual Integrations
APPROVED

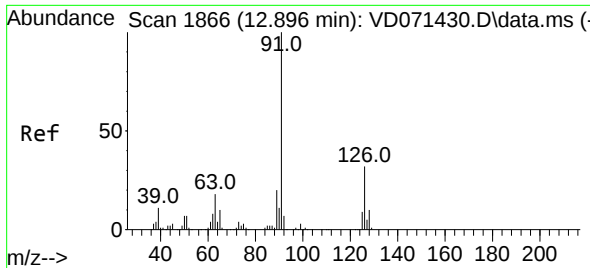
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#78
n-propylbenzene
Concen: 50.960 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

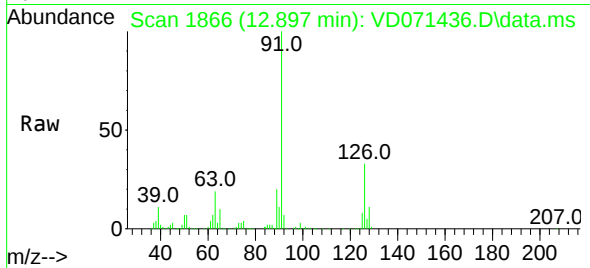
Tgt Ion: 91 Resp: 1328123
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





#79
2-Chlorotoluene
Concen: 50.275 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

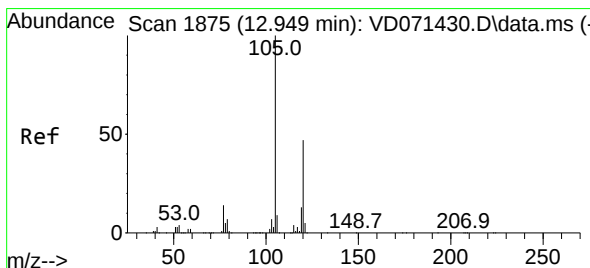
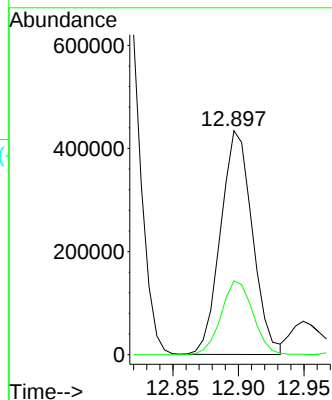
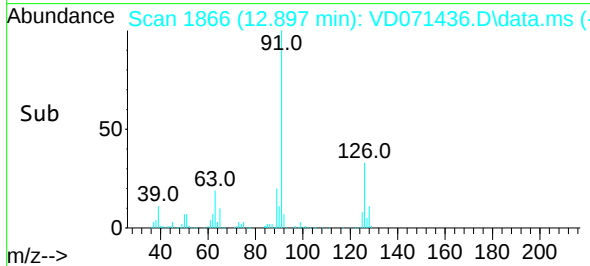
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 732250
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7

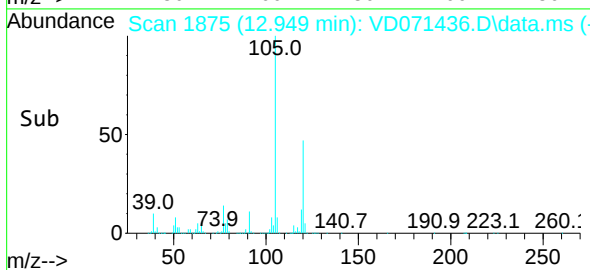
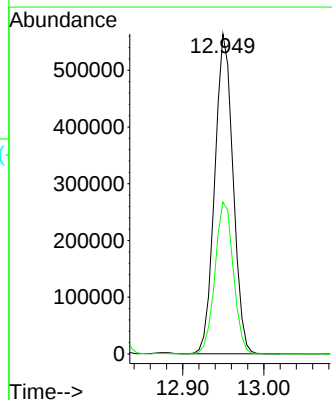
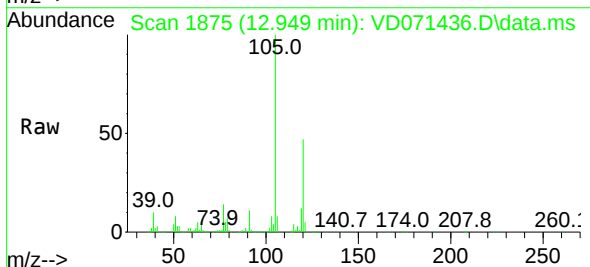
Manual Integrations
APPROVED

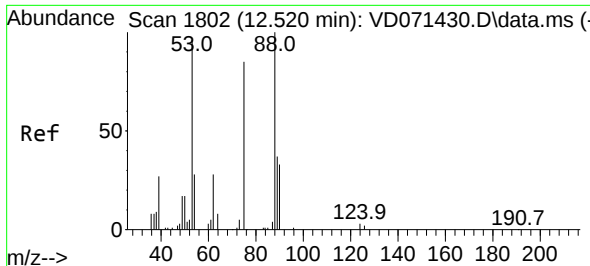
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#80
1,3,5-Trimethylbenzene
Concen: 51.531 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion:105 Resp: 883756
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.8





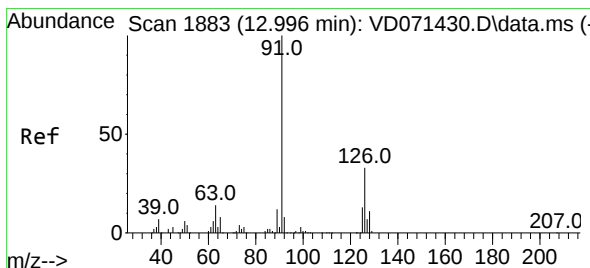
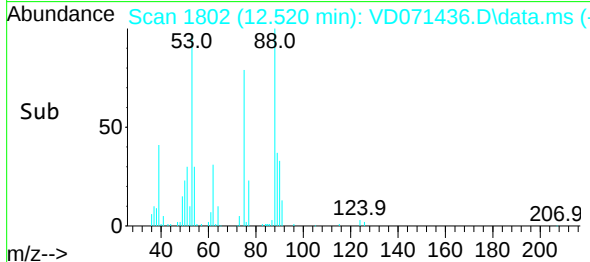
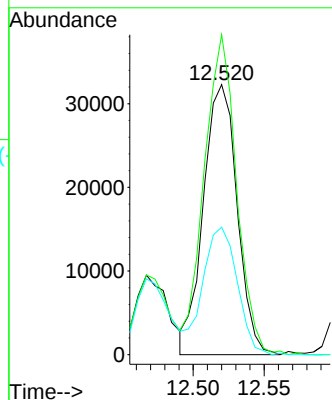
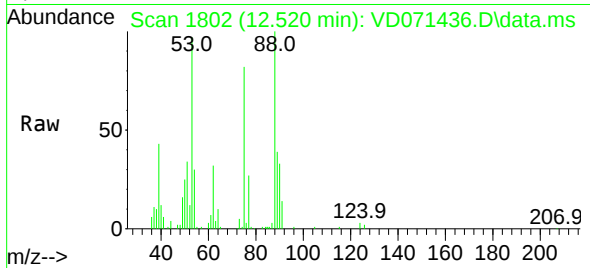
#81
trans-1,4-Dichloro-2-butene
Concen: 47.040 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 53349
Ion Ratio Lower Upper
75 100
53 113.8 62.6 94.0
89 48.6 34.5 51.7

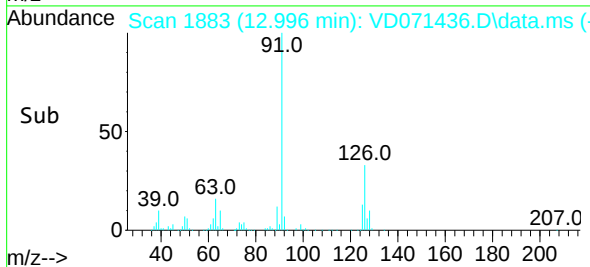
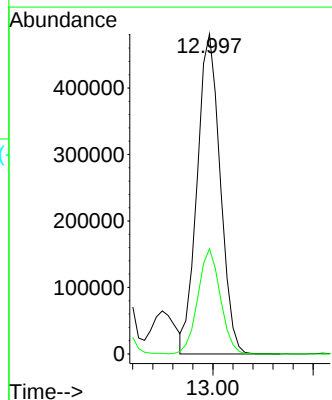
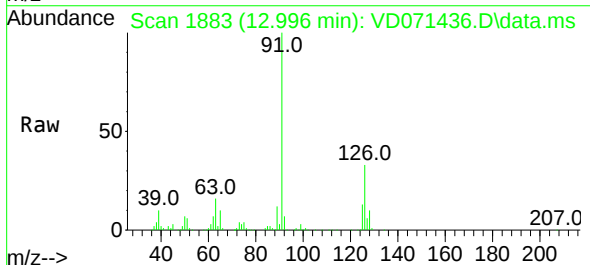
Manual Integrations
APPROVED

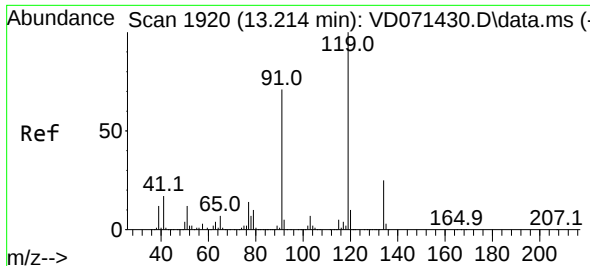
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#82
4-Chlorotoluene
Concen: 50.812 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

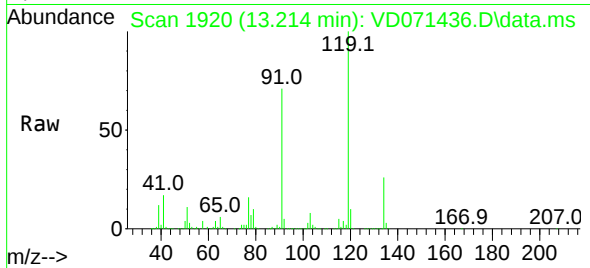
Tgt Ion: 91 Resp: 767663
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.1





#83
tert-Butylbenzene
Concen: 51.077 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

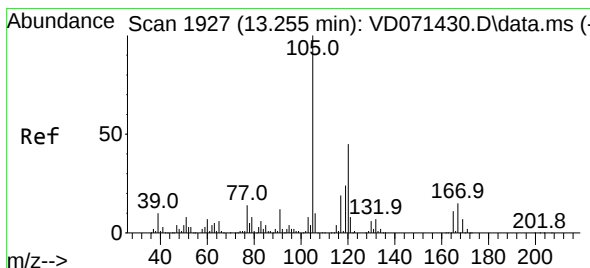
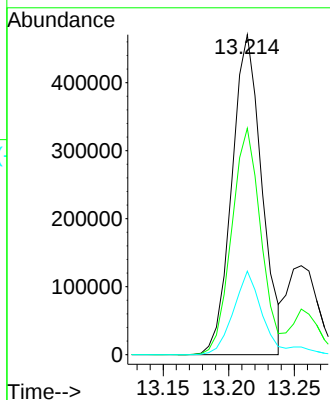
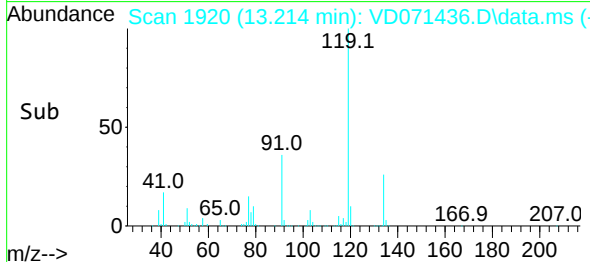
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



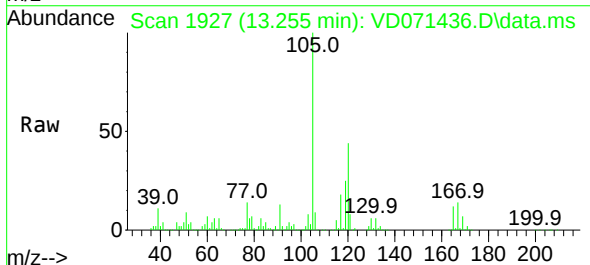
Tgt Ion:119 Resp: 74852
Ion Ratio Lower Upper
119 100
91 70.3 32.5 97.5
134 26.3 13.2 39.6

Manual Integrations
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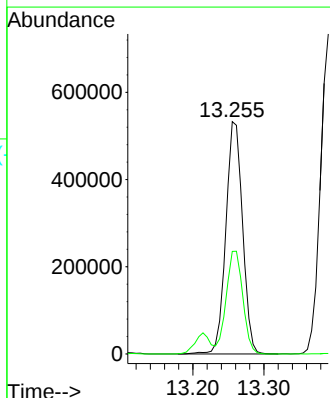
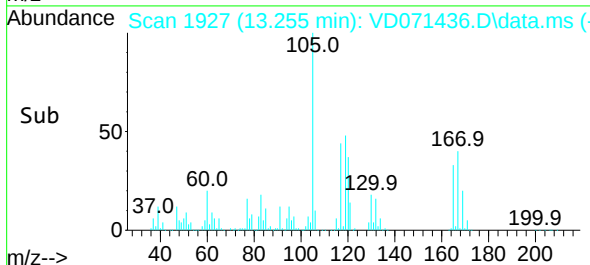
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

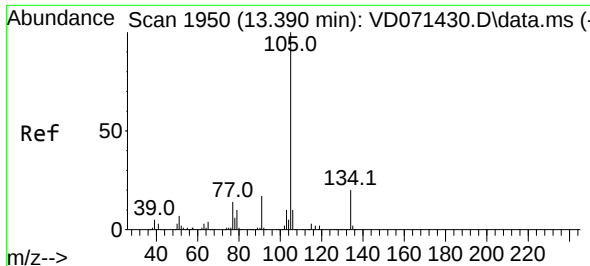


#84
1,2,4-Trimethylbenzene
Concen: 51.282 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



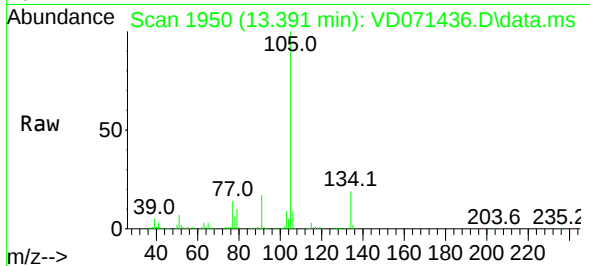
Tgt Ion:105 Resp: 870434
Ion Ratio Lower Upper
105 100
120 43.8 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 51.278 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071436.D
 Acq: 23 Dec 2021 10:48

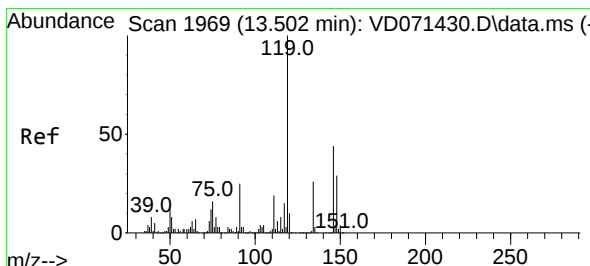
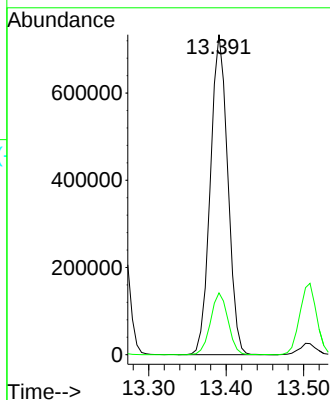
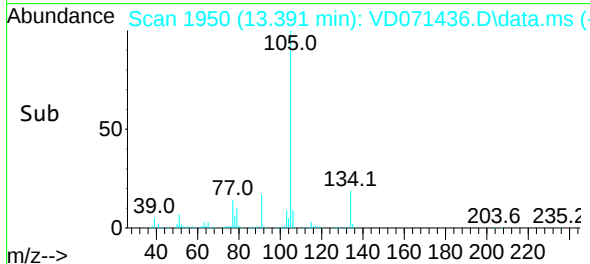
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



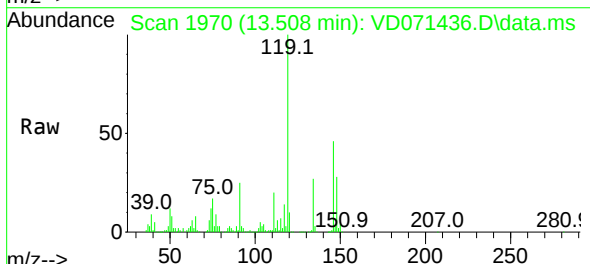
Tgt Ion:105 Resp: 1145633
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

Manual Integrations
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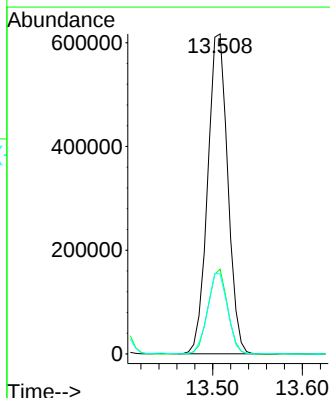
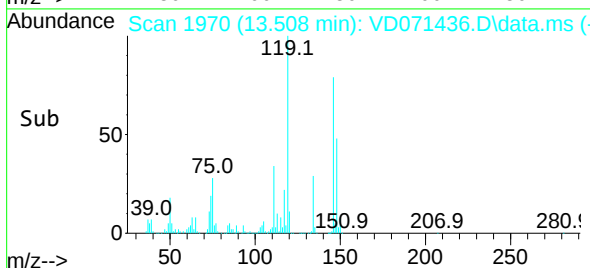
Reviewed By :Semsettin Yesilyurt 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

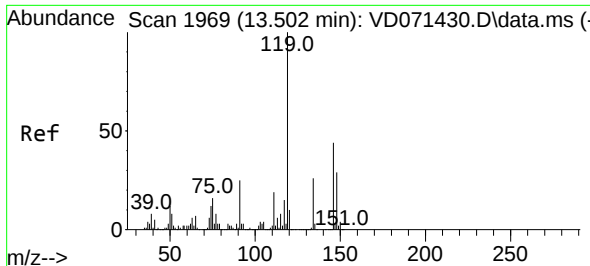


#86
 p-Isopropyltoluene
 Concen: 51.616 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071436.D
 Acq: 23 Dec 2021 10:48



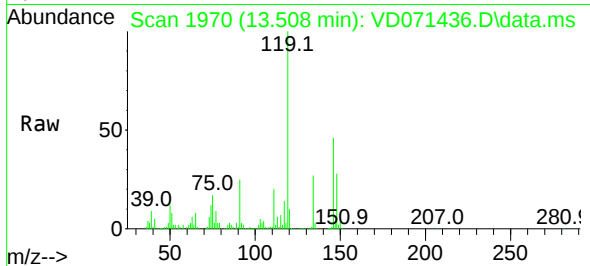
Tgt Ion:119 Resp: 956833
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.2 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 48.685 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

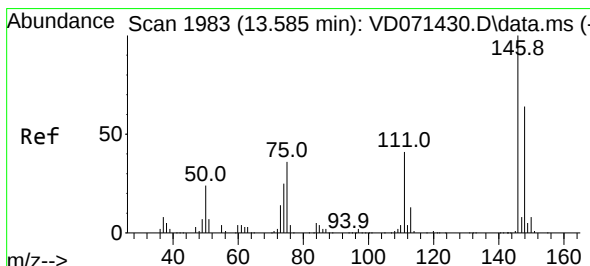
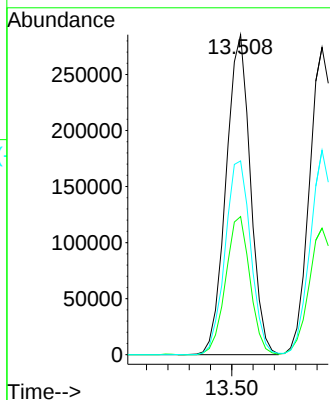
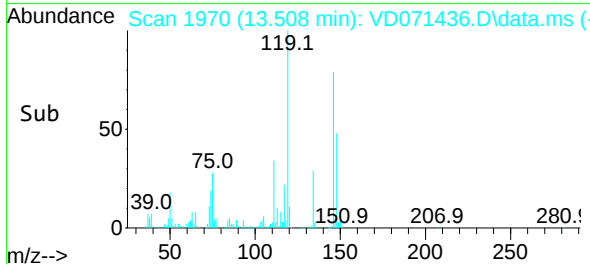
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



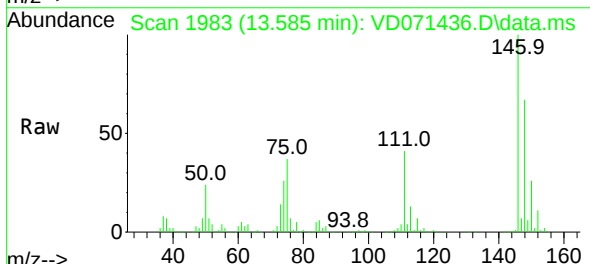
Tgt Ion:146 Resp: 453640
Ion Ratio Lower Upper
146 100
111 43.2 19.8 59.4
148 63.9 32.1 96.3

Manual Integrations
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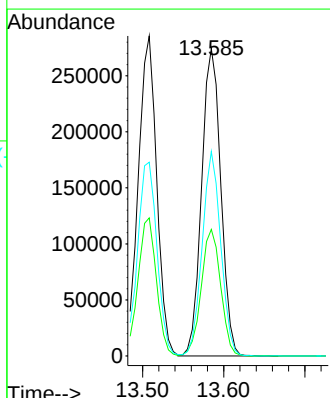
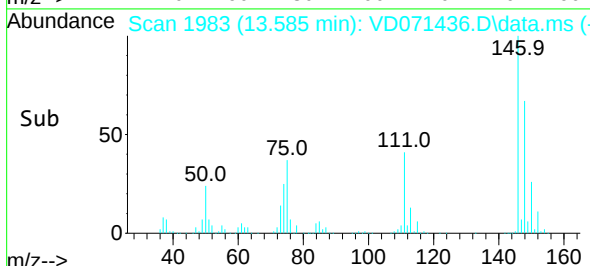
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

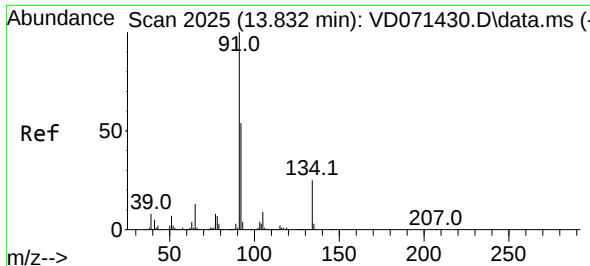


#88
1,4-Dichlorobenzene
Concen: 49.289 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



Tgt Ion:146 Resp: 450327
Ion Ratio Lower Upper
146 100
111 41.6 19.6 58.8
148 64.2 31.5 94.5





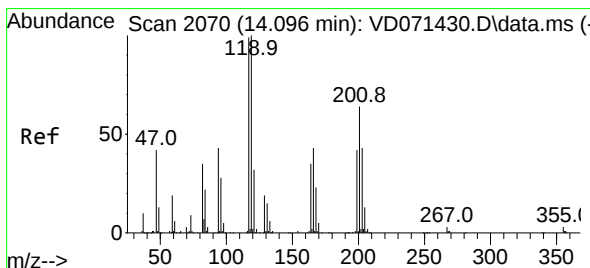
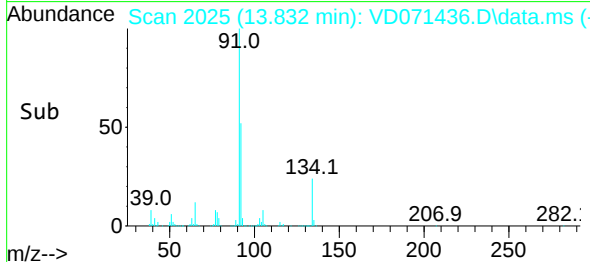
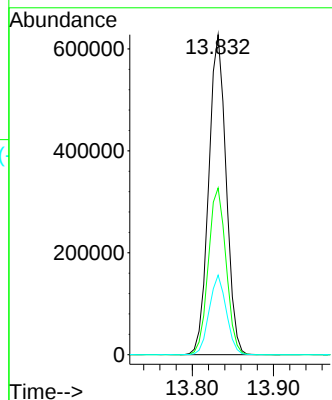
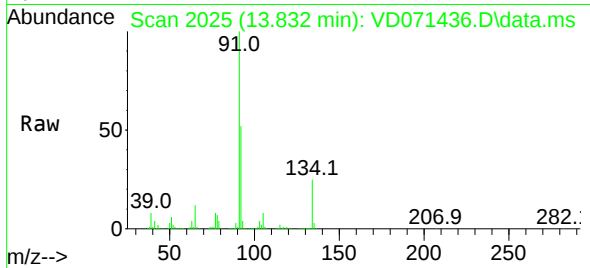
#89
n-Butylbenzene
Concen: 51.395 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 93512
Ion Ratio Lower Upper
91 100
92 53.0 27.3 81.9
134 24.4 12.3 36.9

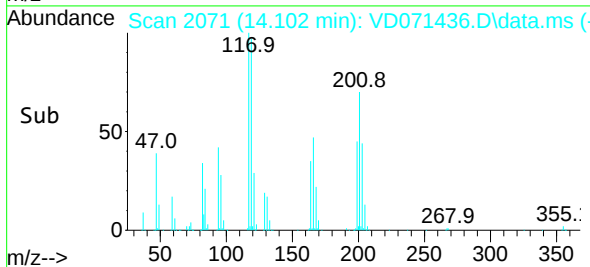
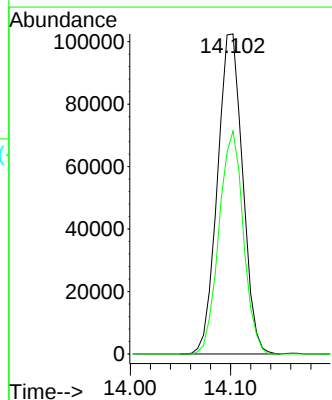
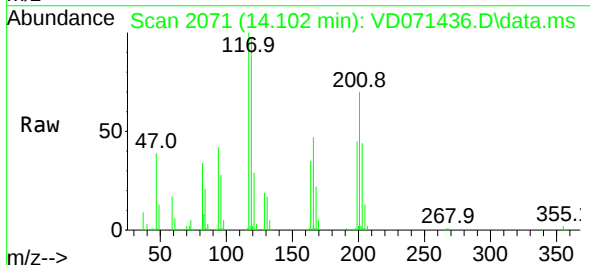
Manual Integrations
APPROVED

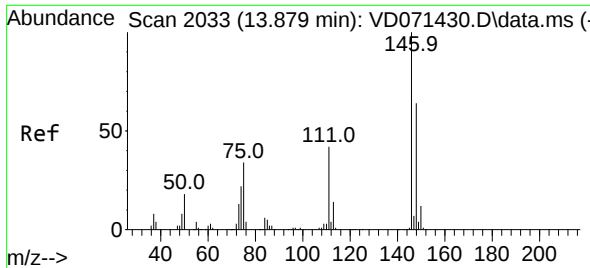
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#90
Hexachloroethane
Concen: 50.904 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion:117 Resp: 178761
Ion Ratio Lower Upper
117 100
201 67.1 36.0 108.1





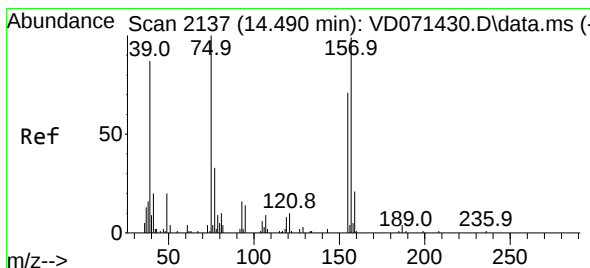
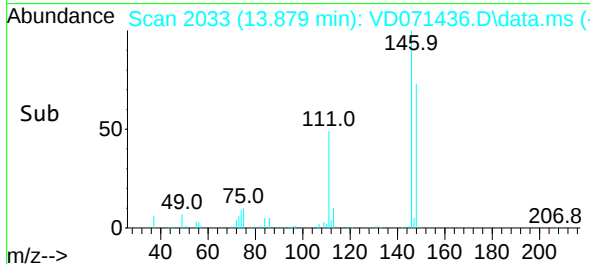
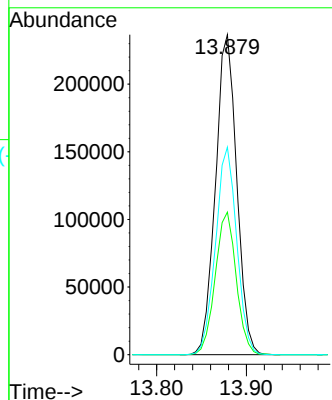
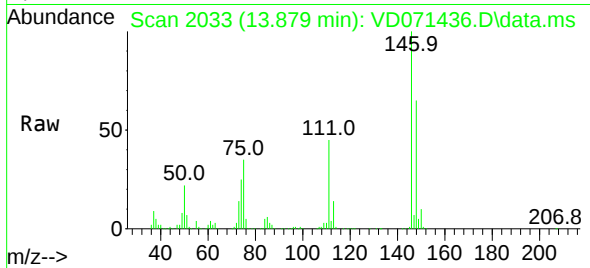
#91
1,2-Dichlorobenzene
Concen: 49.166 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 38880
Ion Ratio Lower Upper
146 100
111 44.1 20.8 62.2
148 64.8 31.7 95.1

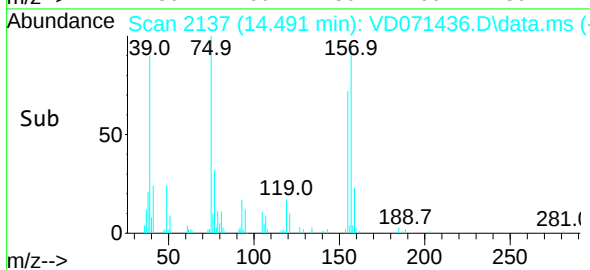
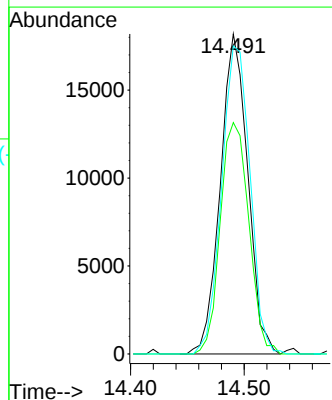
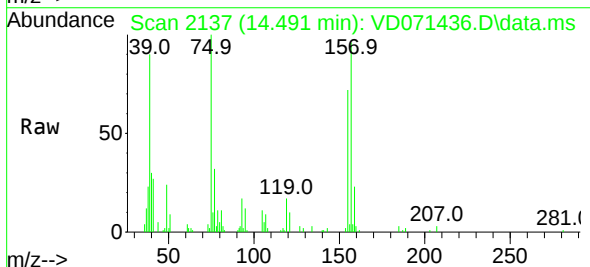
Manual Integrations
APPROVED

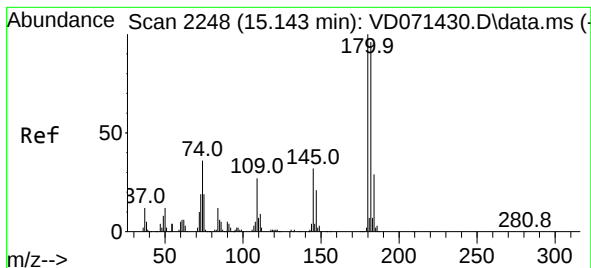
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.706 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

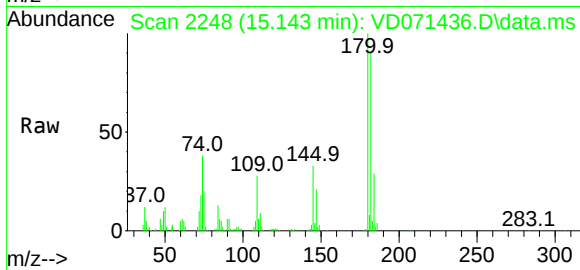
Tgt Ion: 75 Resp: 30448
Ion Ratio Lower Upper
75 100
155 75.3 40.0 120.0
157 100.0 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 51.609 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

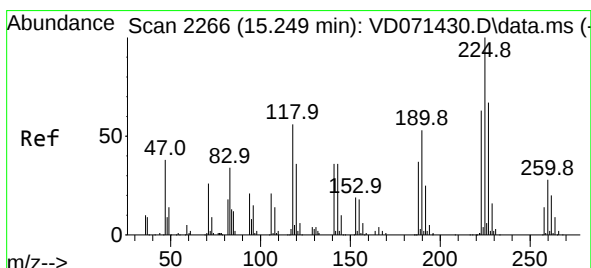
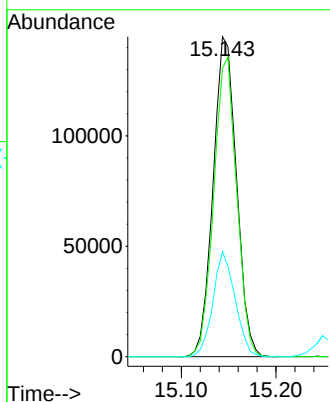
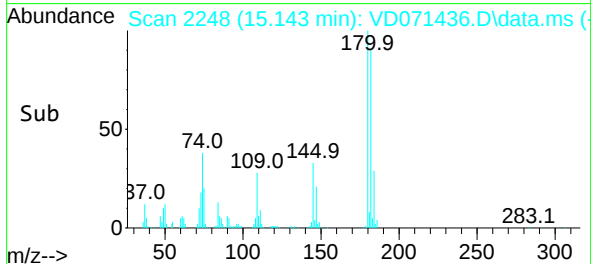
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



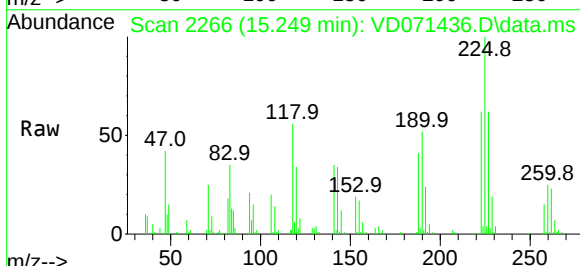
Tgt Ion:180 Resp: 248700
Ion Ratio Lower Upper
180 100
182 91.7 48.2 144.6
145 31.1 15.4 46.2

Manual Integrations
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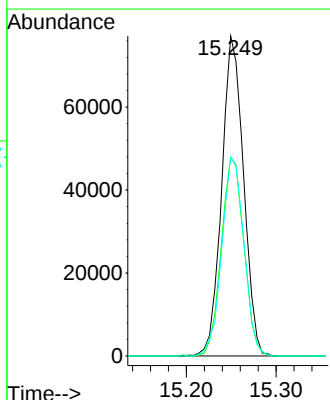
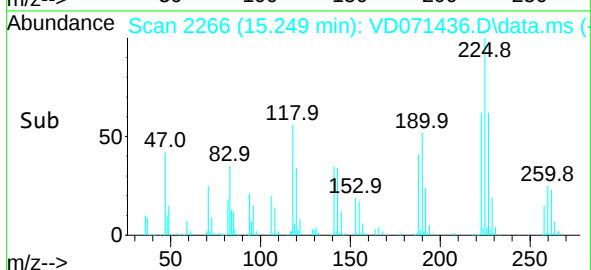
Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

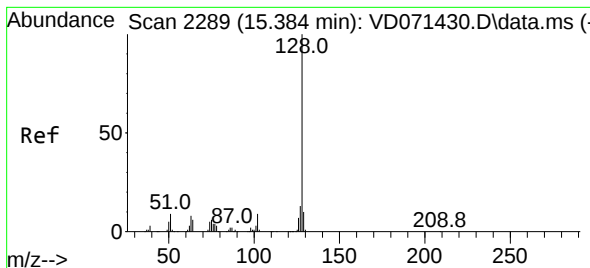


#94
Hexachlorobutadiene
Concen: 50.385 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48



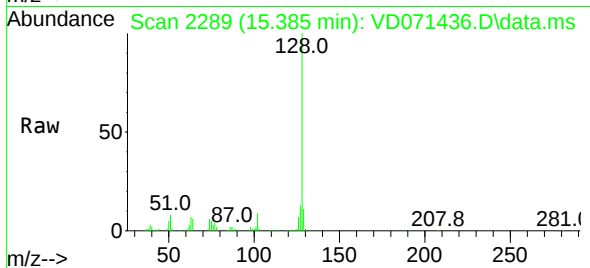
Tgt Ion:225 Resp: 130073
Ion Ratio Lower Upper
225 100
223 64.1 31.8 95.3
227 63.4 31.6 94.8





#95
Naphthalene
Concen: 50.141 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

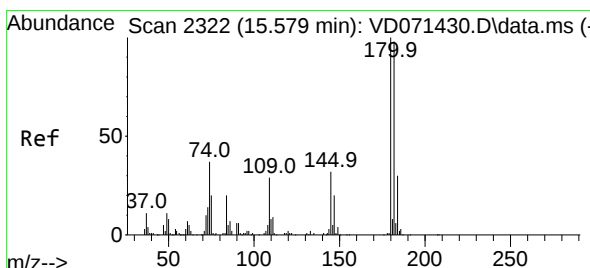
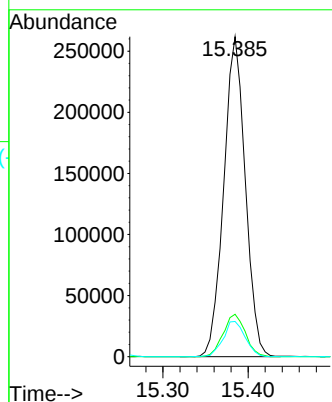
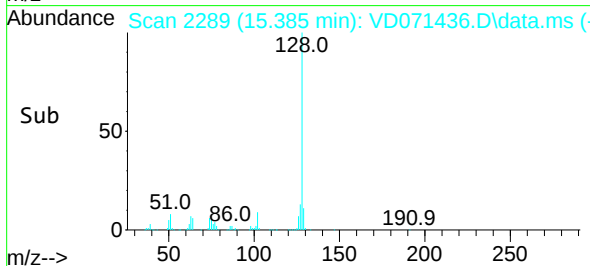
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 459935
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#96
1,2,3-Trichlorobenzene
Concen: 50.630 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071436.D
Acq: 23 Dec 2021 10:48

Tgt Ion:180 Resp: 211033
Ion Ratio Lower Upper
180 100
182 93.0 46.7 140.1
145 33.9 15.9 47.6

