

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071478.D
 Acq On : 27 Dec 2021 10:02
 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 27 16:46:02 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 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	394943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	668112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	606765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	283983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242649	46.261	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.520%		
35) Dibromofluoromethane	7.908	113	223982	49.882	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.760%		
50) Toluene-d8	10.331	98	834687	49.190	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.620	95	294041	48.765	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	184555	44.596	ug/l	97
3) Chloromethane	2.214	50	213316	40.256	ug/l	97
4) Vinyl Chloride	2.355	62	251146	39.549	ug/l	97
5) Bromomethane	2.779	94	182678	41.121	ug/l	98
6) Chloroethane	2.926	64	172029	40.820	ug/l	94
7) Trichlorofluoromethane	3.279	101	382118	49.154	ug/l	94
8) Diethyl Ether	3.714	74	104515	46.961	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.102	101	224238	49.580	ug/l	96
10) Methyl Iodide	4.302	142	243459	55.353	ug/l	95
11) Tert butyl alcohol	5.214	59	70936	161.988	ug/l	95
12) 1,1-Dichloroethene	4.073	96	204903	49.798	ug/l	84
13) Acrolein	3.914	56	66582	262.778	ug/l	100
14) Allyl chloride	4.714	41	391474	50.301	ug/l #	79
15) Acrylonitrile	5.414	53	248526	226.756	ug/l	96
16) Acetone	4.149	43	330885	251.150	ug/l	89
17) Carbon Disulfide	4.414	76	557250	41.565	ug/l	98
18) Methyl Acetate	4.708	43	176055	43.295	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	514562	48.444	ug/l	97
20) Methylene Chloride	4.961	84	245812	49.143	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	229668	48.191	ug/l	86
22) Diisopropyl ether	6.361	45	806872	50.928	ug/l	94
23) Vinyl Acetate	6.302	43	1998545	244.695	ug/l	98
24) 1,1-Dichloroethane	6.261	63	457906	50.415	ug/l	99
25) 2-Butanone	7.208	43	351257	223.209	ug/l	91
26) 2,2-Dichloropropane	7.208	77	401589	53.811	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	266697	50.594	ug/l	91
28) Bromochloromethane	7.543	49	173978	46.743	ug/l	91
29) Tetrahydrofuran	7.555	42	211137	223.461	ug/l	94
30) Chloroform	7.702	83	470911	51.383	ug/l	98
31) Cyclohexane	7.985	56	396926	44.547	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	419402	51.600	ug/l	94
36) 1,1-Dichloropropene	8.108	75	356583	49.706	ug/l	97
37) Ethyl Acetate	7.285	43	149487	45.136	ug/l #	92
38) Carbon Tetrachloride	8.096	117	368031	52.000	ug/l	99
39) Methylcyclohexane	9.349	83	393133	46.815	ug/l	98
40) Benzene	8.349	78	952546	49.393	ug/l	98

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Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	93209	47.382	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	303870	48.321	ug/l	95
43) Isopropyl Acetate	8.443	43	304034	46.259	ug/l #	89
44) Trichloroethene	9.108	130	252965	50.336	ug/l	93
45) 1,2-Dichloropropane	9.379	63	252178	50.393	ug/l	99
46) Dibromomethane	9.473	93	131181	47.449	ug/l	95
47) Bromodichloromethane	9.655	83	352151	50.169	ug/l	97
48) Methyl methacrylate	9.449	41	152645	46.933	ug/l #	77
49) 1,4-Dioxane	9.455	88	24729	791.531	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	774773	224.061	ug/l	90
52) Toluene	10.396	92	619209	50.545	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	329985	50.344	ug/l	98
54) cis-1,3-Dichloropropene	10.084	75	385253	50.864	ug/l #	79
55) 1,1,2-Trichloroethane	10.790	97	173849	49.540	ug/l	95
56) Ethyl methacrylate	10.655	69	226604	49.070	ug/l #	74
57) 1,3-Dichloropropane	10.937	76	306957	47.753	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.937	63	544197	246.012	ug/l	99
59) 2-Hexanone	10.978	43	583981	238.926	ug/l	88
60) Dibromochloromethane	11.131	129	224080	50.796	ug/l	98
61) 1,2-Dibromoethane	11.237	107	163992	47.181	ug/l	98
64) Tetrachloroethene	10.867	164	206302	48.927	ug/l	97
65) Chlorobenzene	11.661	112	629580	50.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	238374	52.426	ug/l	98
67) Ethyl Benzene	11.737	91	1210929	52.279	ug/l	97
68) m/p-Xylenes	11.843	106	913492	103.805	ug/l	94
69) o-Xylene	12.173	106	435277	54.113	ug/l	97
70) Styrene	12.184	104	735428	52.629	ug/l	97
71) Bromoform	12.349	173	118261	48.065	ug/l #	99
73) Isopropylbenzene	12.467	105	1172291	53.544	ug/l	99
74) N-amyl acetate	12.278	43	284834	48.491	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	191068	48.270	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	132870m	39.378	ug/l	
77) Bromobenzene	12.749	156	252276	51.782	ug/l	98
78) n-propylbenzene	12.808	91	1451947	52.908	ug/l	100
79) 2-Chlorotoluene	12.896	91	804333	52.445	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	970202	53.725	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	56867	47.620	ug/l #	76
82) 4-Chlorotoluene	12.996	91	824325	51.817	ug/l	99
83) tert-Butylbenzene	13.214	119	832468	53.947	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	957781	53.589	ug/l	98
85) sec-Butylbenzene	13.390	105	1260308	53.573	ug/l	99
86) p-Isopropyltoluene	13.502	119	1032895	52.916	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	499701	50.930	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	481796	50.080	ug/l	97
89) n-Butylbenzene	13.831	91	1019851	53.232	ug/l	99
90) Hexachloroethane	14.096	117	194052	52.479	ug/l	94
91) 1,2-Dichlorobenzene	13.878	146	428463	51.455	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	31036	45.213	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	262707	51.772	ug/l	97
94) Hexachlorobutadiene	15.255	225	138217	50.846	ug/l	96
95) Naphthalene	15.384	128	466197	48.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	217398	49.533	ug/l	99

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ClientSampleId :
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Manual Integrations
APPROVED

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

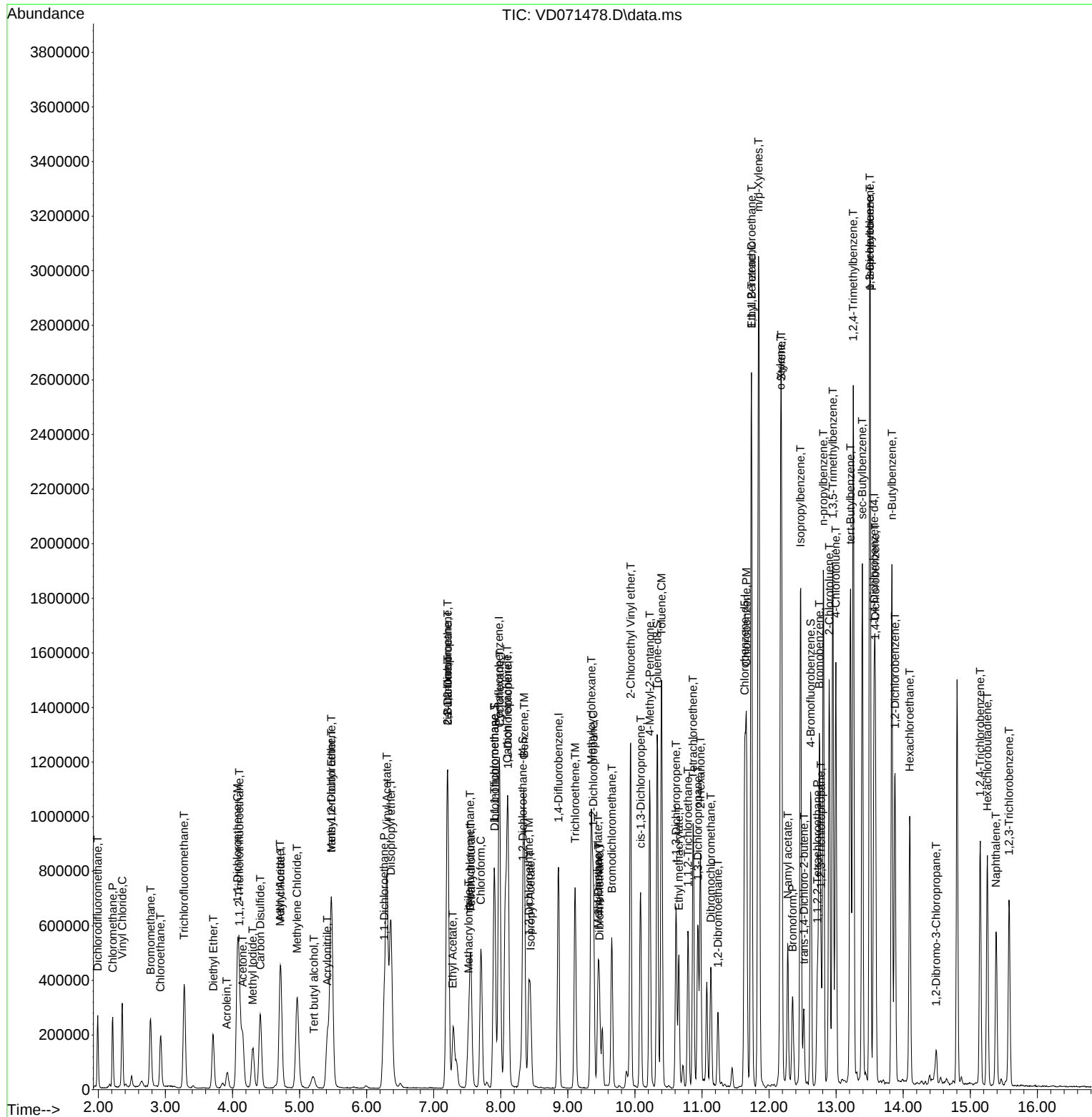
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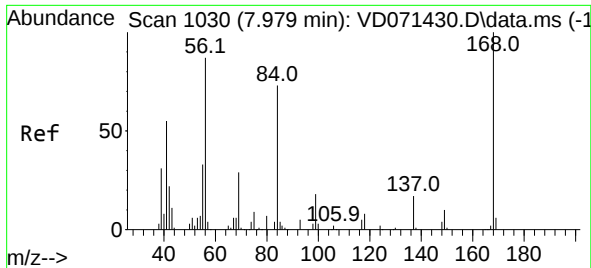
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ClientSampleId :
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Quant Time: Dec 27 16:46:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122215.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
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Manual Integrations
APPROVED

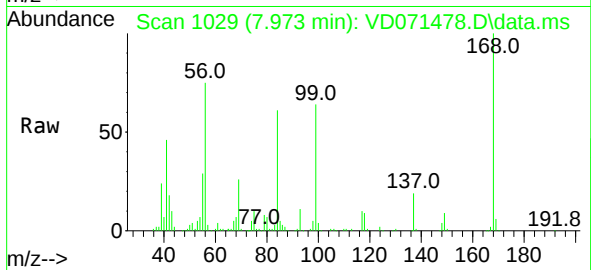
Reviewed By : Semsettin Yesilyurt 12/28/2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

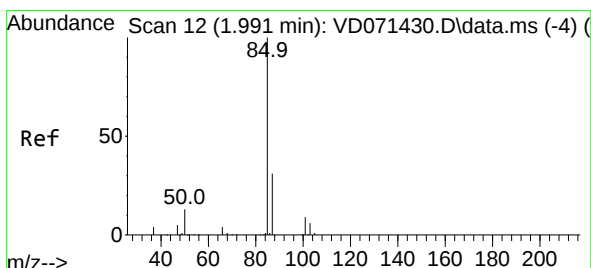
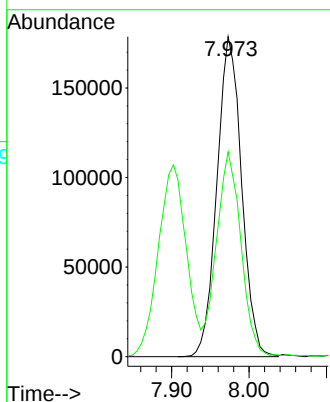
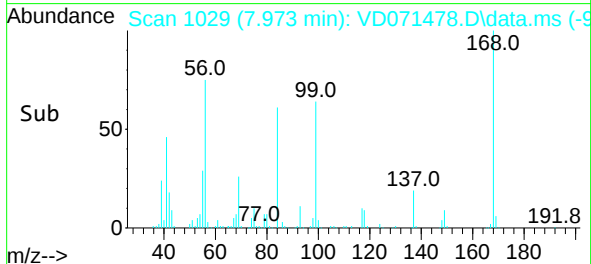
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 39494
Ion Ratio Lower Upper
168 100
99 63.5 46.6 69.8

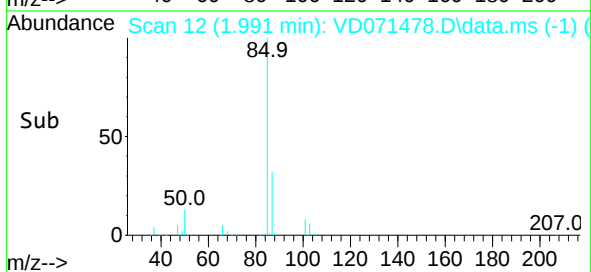
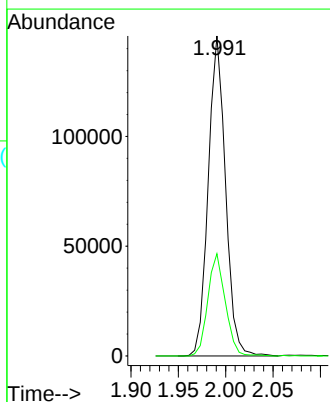
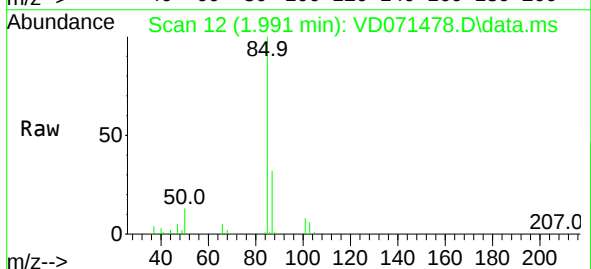
Manual Integrations
APPROVED

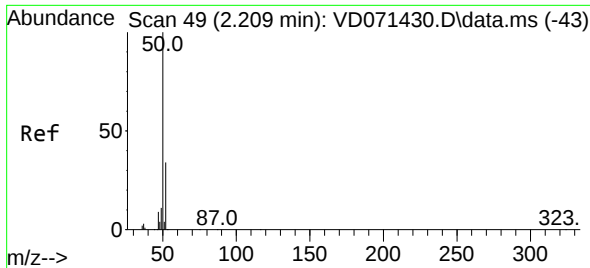
Reviewed By :Semsettin Yesilyurt 12/28/2021
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#2
Dichlorodifluoromethane
Concen: 44.596 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

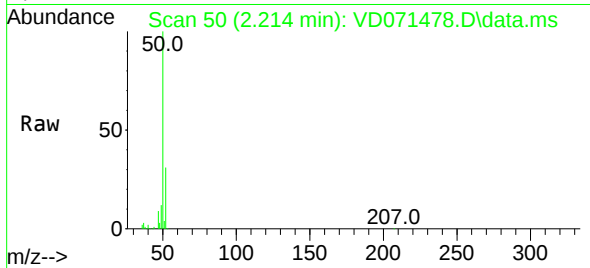
Tgt Ion: 85 Resp: 184555
Ion Ratio Lower Upper
85 100
87 32.0 15.2 45.6





#3
Chloromethane
Concen: 40.256 ug/l
RT: 2.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

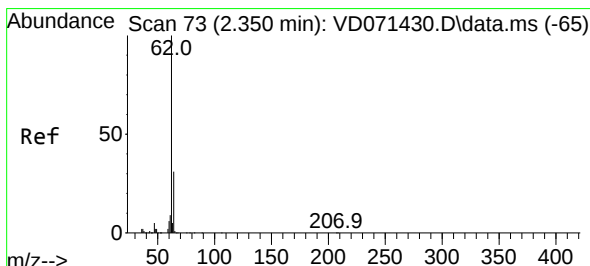
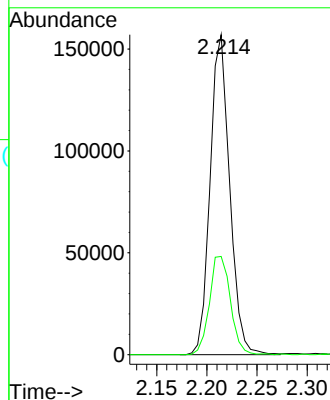
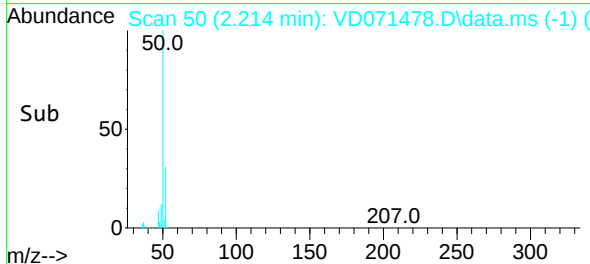
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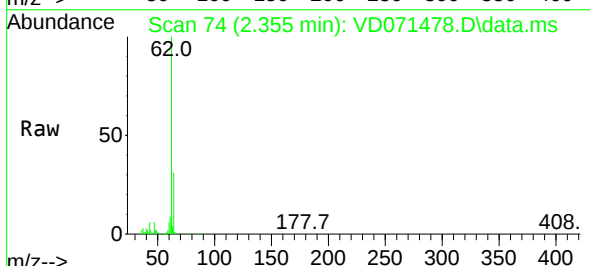
Tgt Ion: 50 Resp: 213310
Ion Ratio Lower Upper
50 100
52 30.7 25.8 38.8

Manual Integrations
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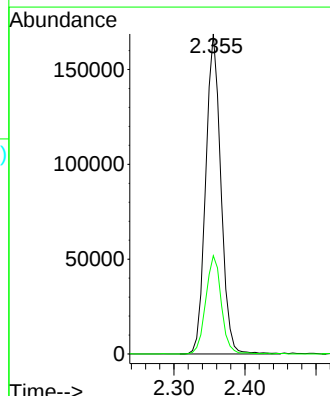
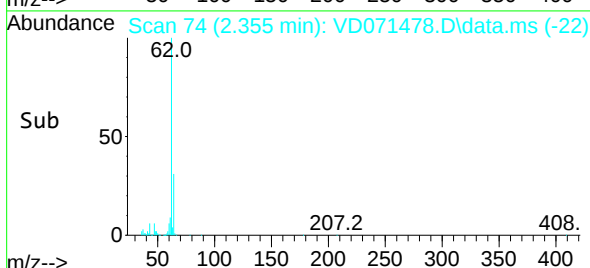
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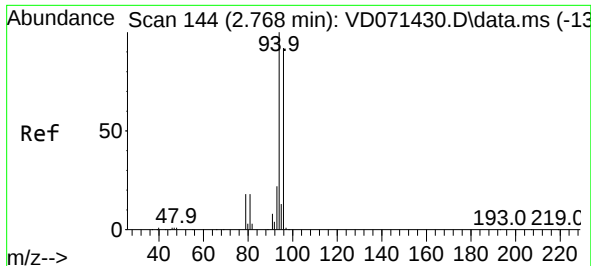


#4
Vinyl Chloride
Concen: 39.549 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



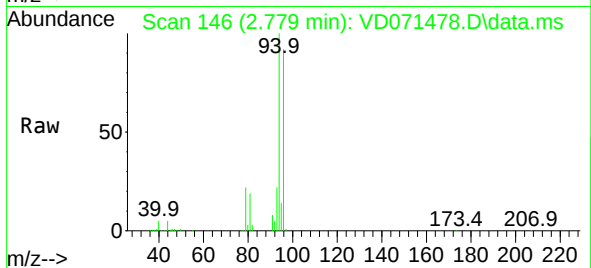
Tgt Ion: 62 Resp: 251146
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0





#5
Bromomethane
Concen: 41.121 ug/l
RT: 2.779 min Scan# 144
Delta R.T. 0.029 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

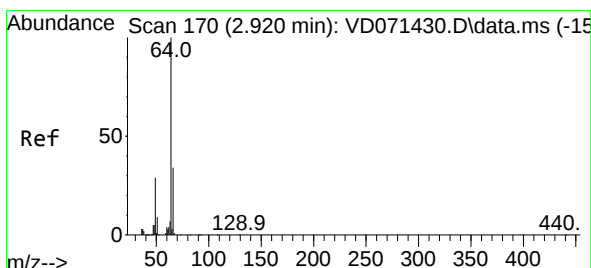
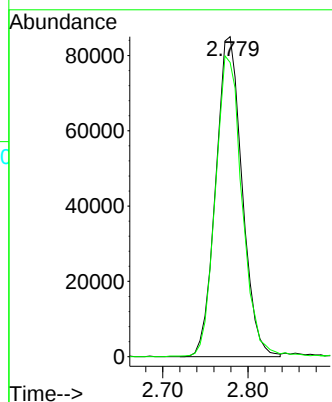
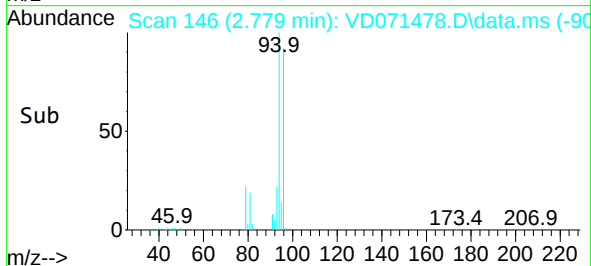
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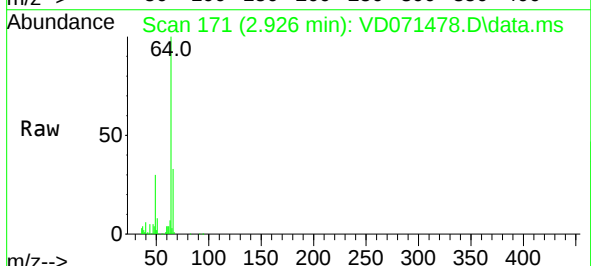
Tgt Ion: 94 Resp: 182678
Ion Ratio Lower Upper
94 100
96 91.7 74.8 112.2

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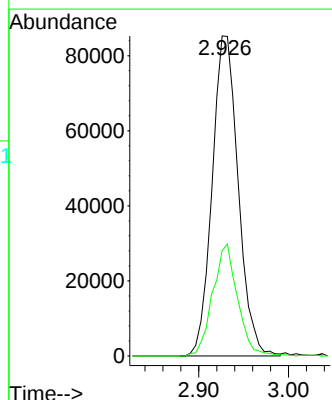
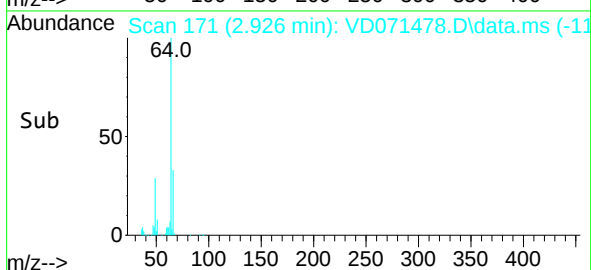
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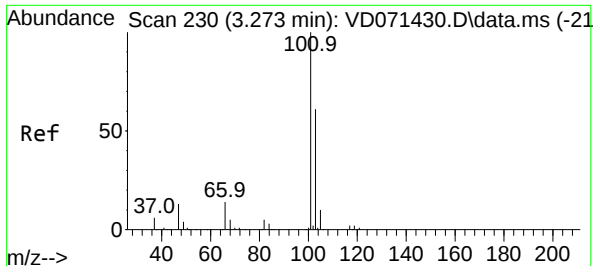


#6
Chloroethane
Concen: 40.820 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.011 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



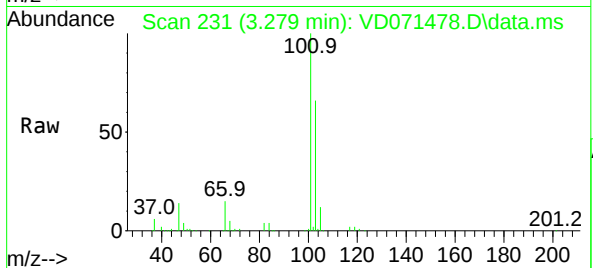
Tgt Ion: 64 Resp: 172029
Ion Ratio Lower Upper
64 100
66 32.9 29.0 43.4





#7
Trichlorofluoromethane
Concen: 49.154 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

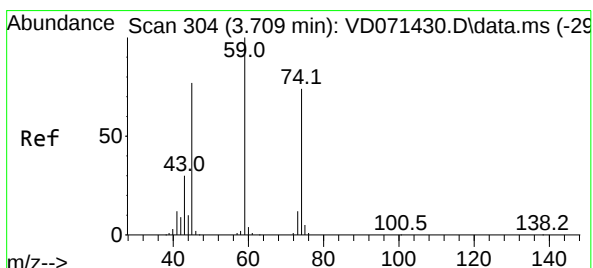
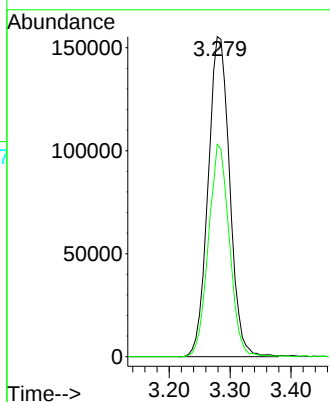
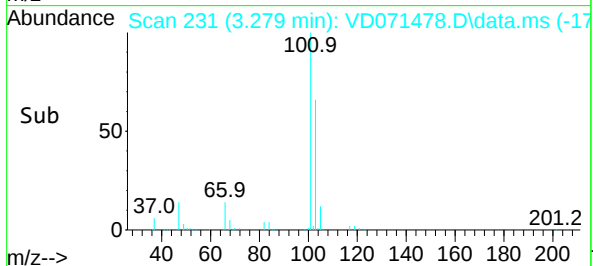
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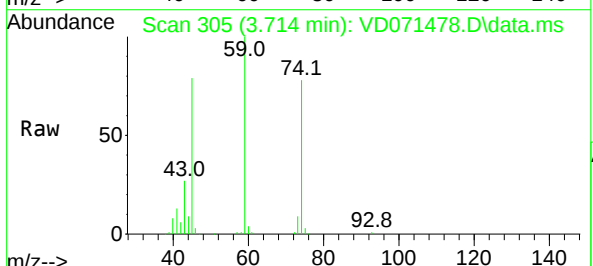
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Ion Ratio Lower Upper
101 100
103 66.4 49.7 74.5

Manual Integrations
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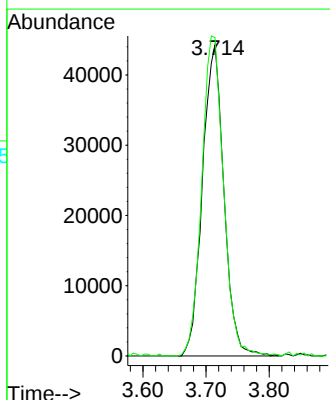
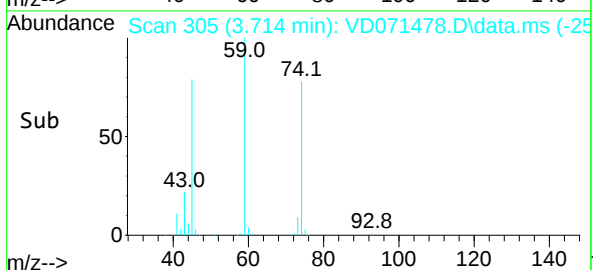
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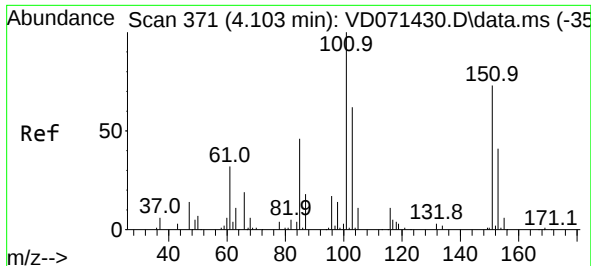


#8
Diethyl Ether
Concen: 46.961 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



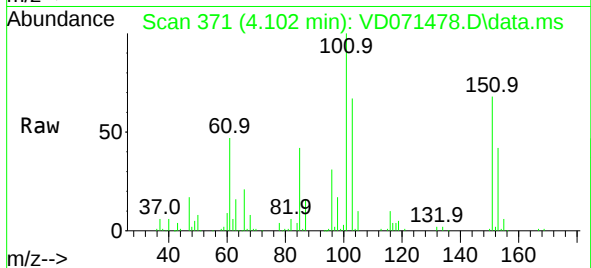
Tgt Ion: 74 Resp: 104515
Ion Ratio Lower Upper
74 100
45 104.6 49.6 149.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.580 ug/l
RT: 4.102 min Scan# 371
Delta R.T. 0.011 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

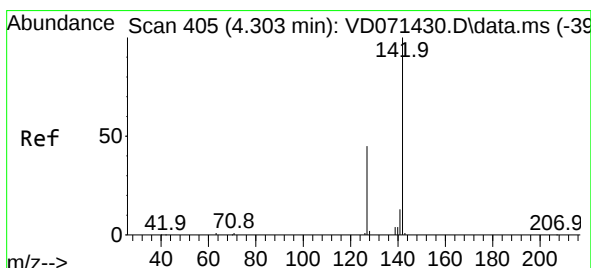
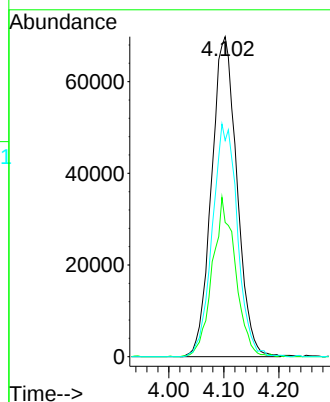
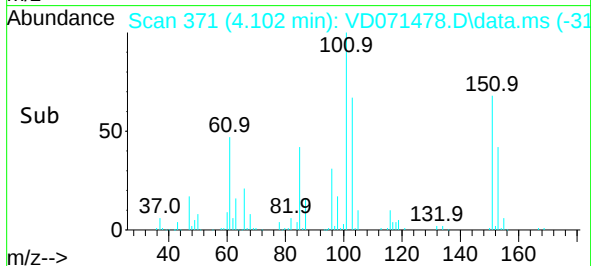
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



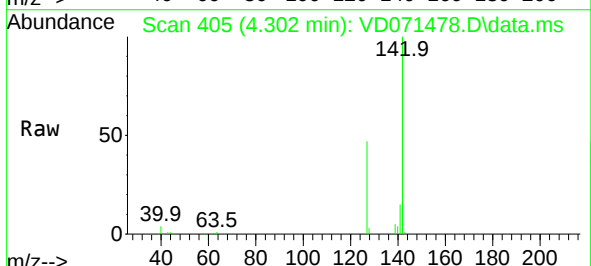
Tgt Ion:101 Resp: 224238
Ion Ratio Lower Upper
101 100
85 45.3 34.8 52.2
151 71.8 60.4 90.6

Manual Integrations
APPROVED

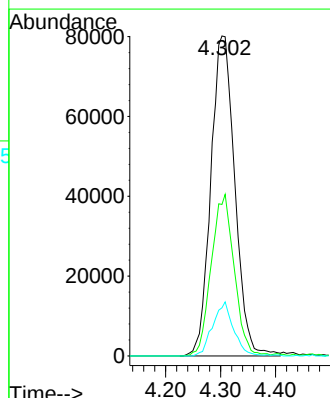
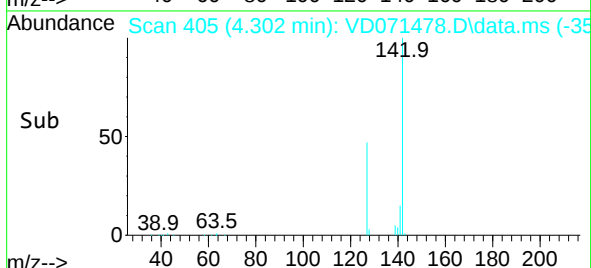
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

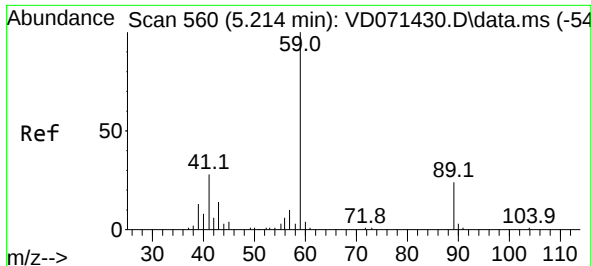


#10
Methyl Iodide
Concen: 55.353 ug/l
RT: 4.302 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



Tgt Ion:142 Resp: 243459
Ion Ratio Lower Upper
142 100
127 48.2 35.0 52.4
141 14.7 12.0 18.0





#11

Tert butyl alcohol

Concen: 161.988 ug/l

RT: 5.214 min Scan# 560

Delta R.T. 0.005 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 70930

Ion Ratio Lower Upper

59 100

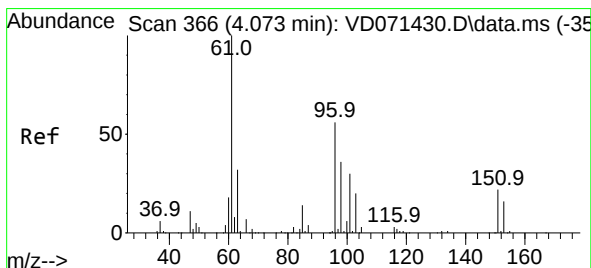
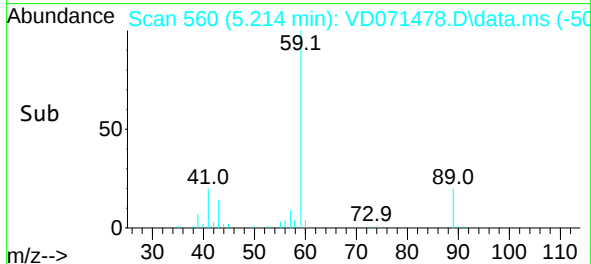
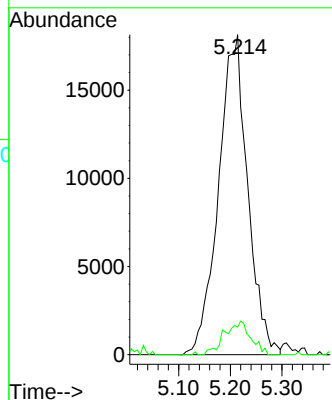
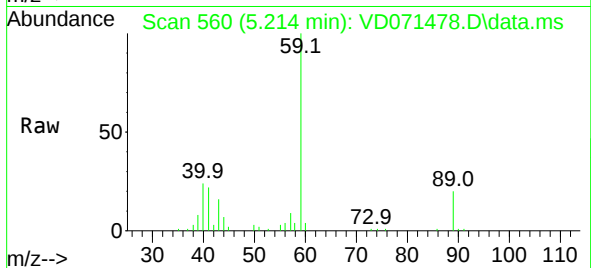
57 9.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#12

1,1-Dichloroethene

Concen: 49.798 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.011 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

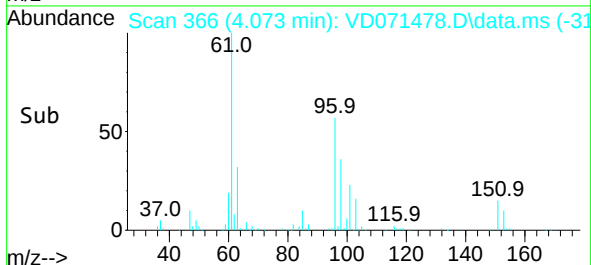
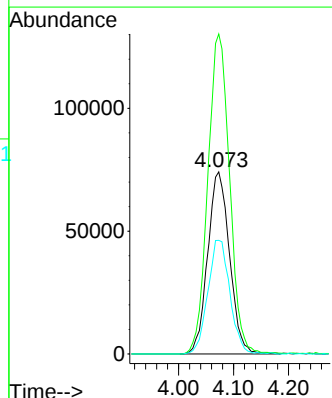
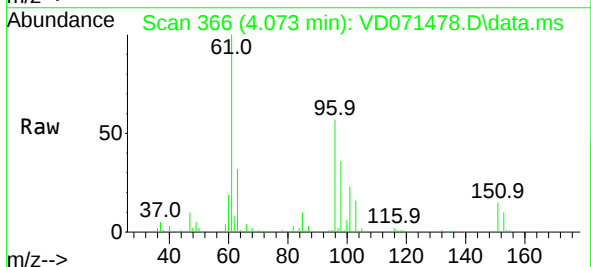
Tgt Ion: 96 Resp: 204903

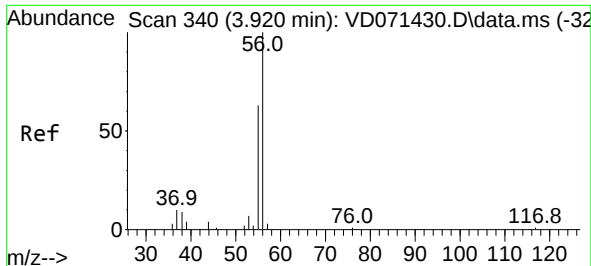
Ion Ratio Lower Upper

96 100

61 175.7 120.3 180.5

98 62.4 54.4 81.6





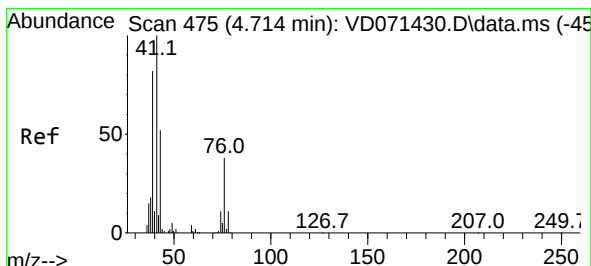
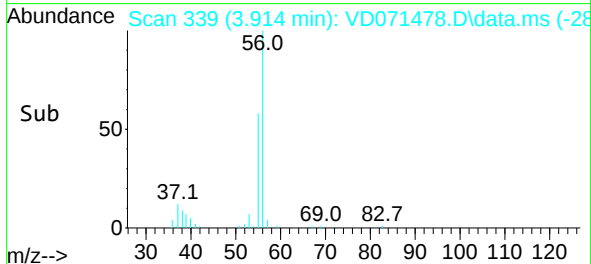
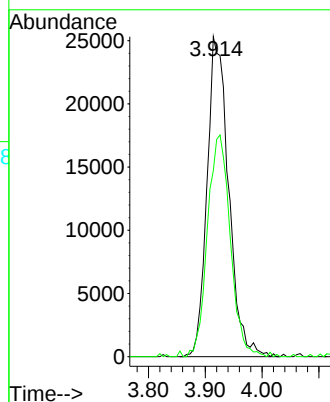
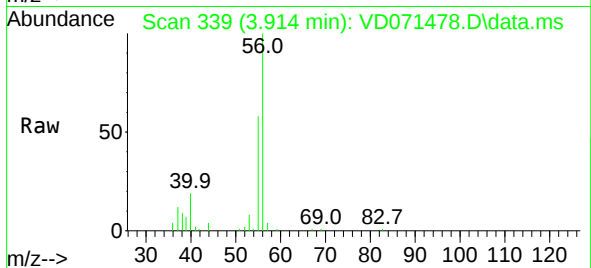
#13
Acrolein
Concen: 262.778 ug/l
RT: 3.914 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 6658
Ion Ratio Lower Upper
56 100
55 73.1 58.6 87.8

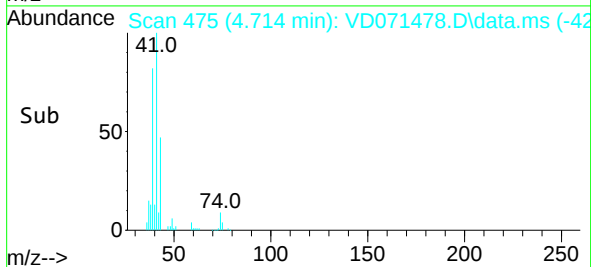
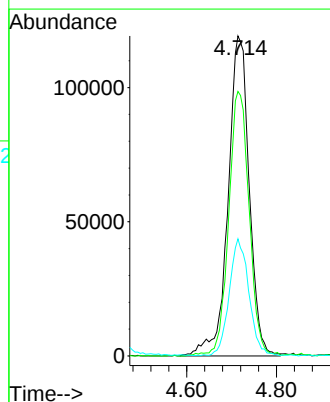
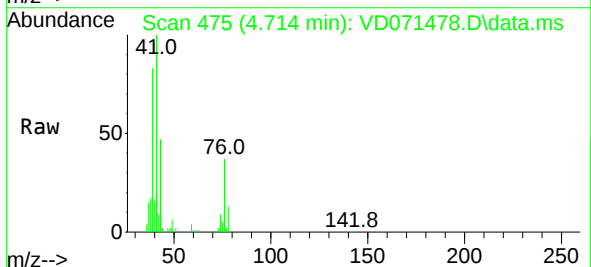
Manual Integrations
APPROVED

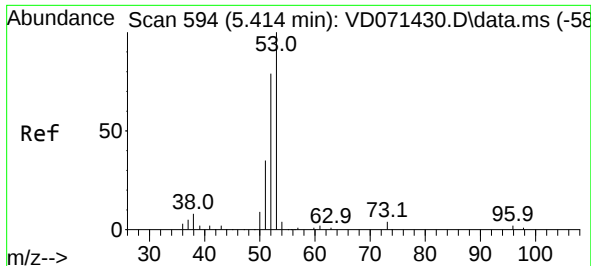
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#14
Allyl chloride
Concen: 50.301 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.011 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

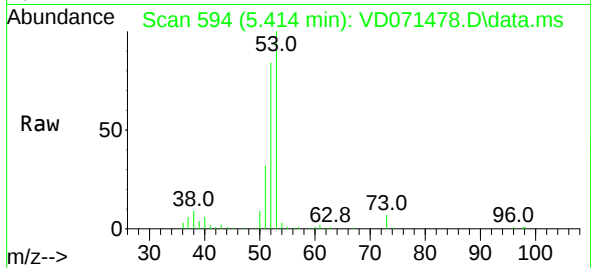
Tgt Ion: 41 Resp: 391474
Ion Ratio Lower Upper
41 100
39 80.0 45.6 68.4#
76 33.8 30.2 45.4





#15
Acrylonitrile
Concen: 226.756 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

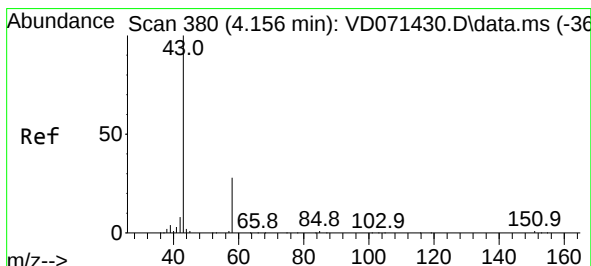
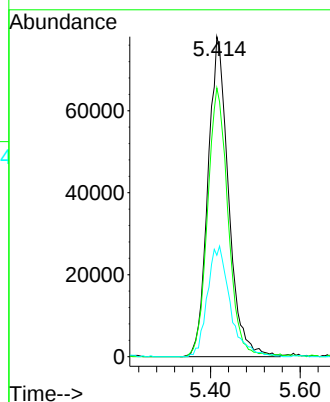
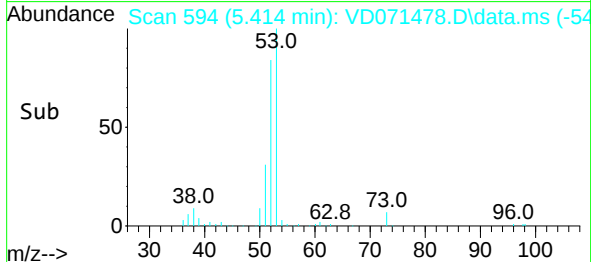
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



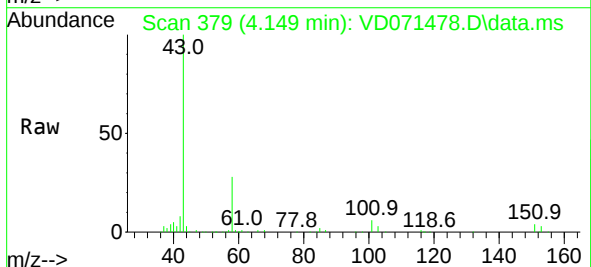
Tgt Ion: 53 Resp: 248520
Ion Ratio Lower Upper
53 100
52 83.6 63.8 95.8
51 38.2 28.5 42.7

Manual Integrations
APPROVED

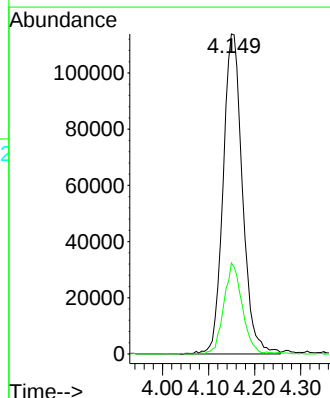
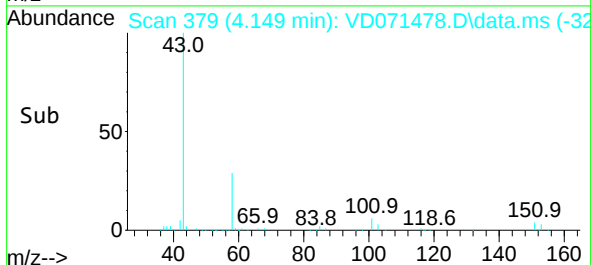
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

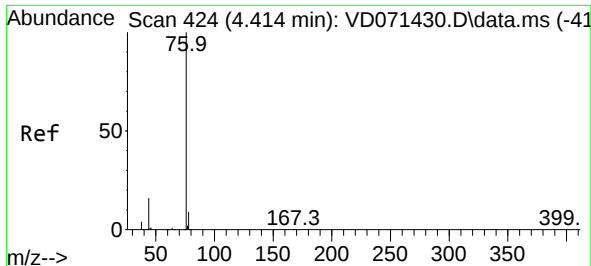


#16
Acetone
Concen: 251.150 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.007 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



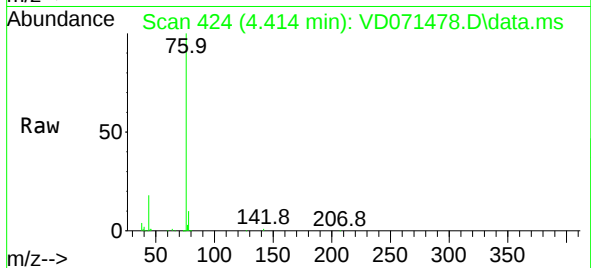
Tgt Ion: 43 Resp: 330885
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8





#17
Carbon Disulfide
Concen: 41.565 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

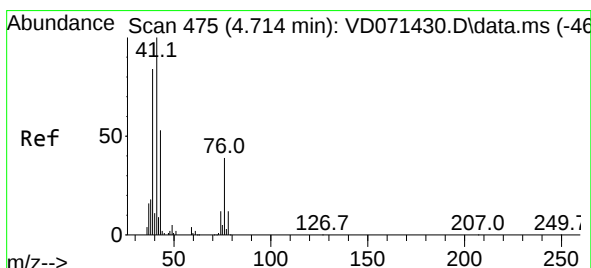
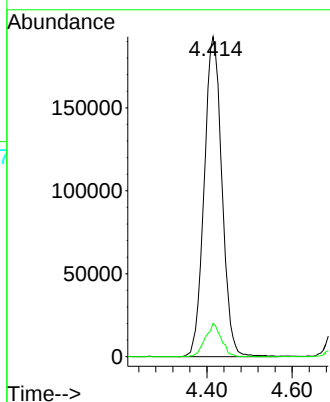
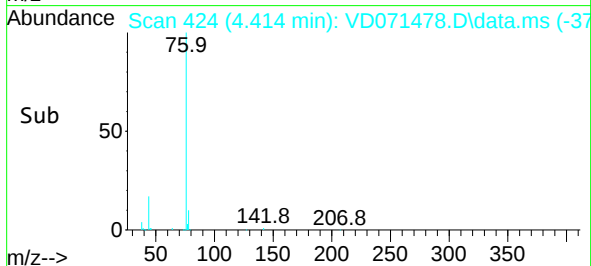
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 557250
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.8

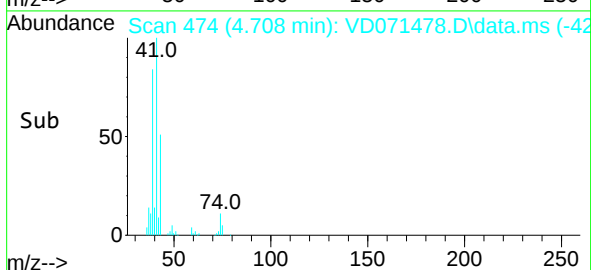
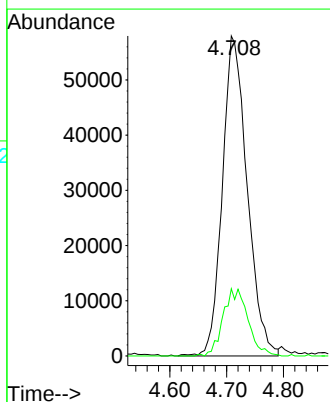
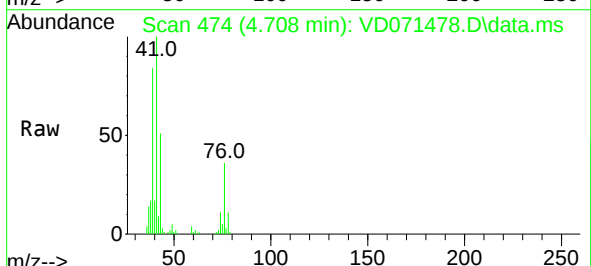
Manual Integrations
APPROVED

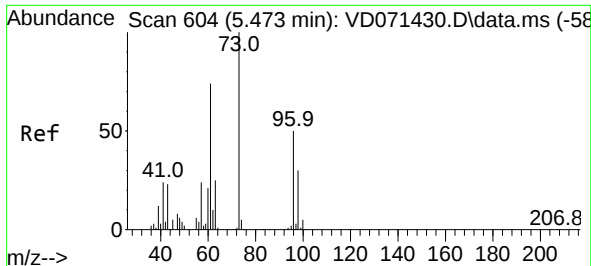
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#18
Methyl Acetate
Concen: 43.295 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

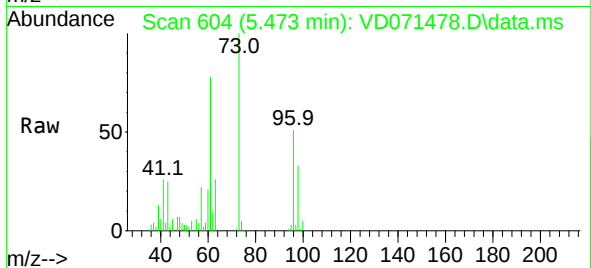
Tgt Ion: 43 Resp: 176055
Ion Ratio Lower Upper
43 100
74 21.1 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 48.444 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

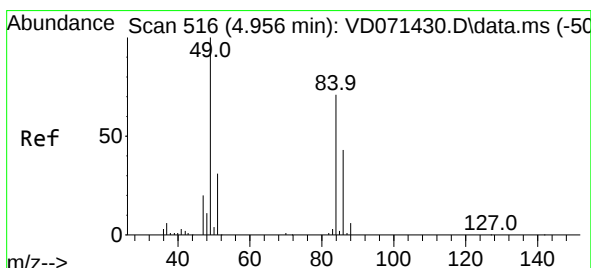
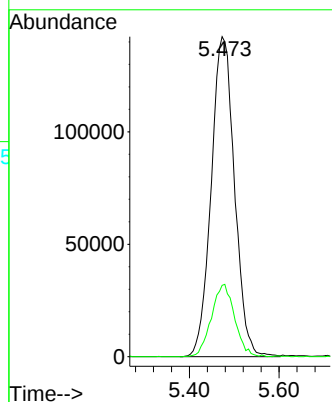
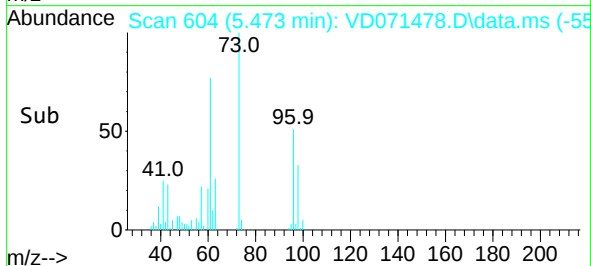
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 514562
Ion Ratio Lower Upper
73 100
57 22.3 18.9 28.3

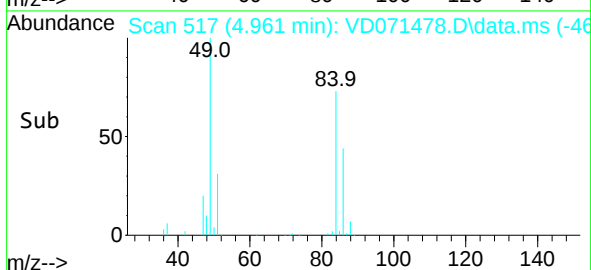
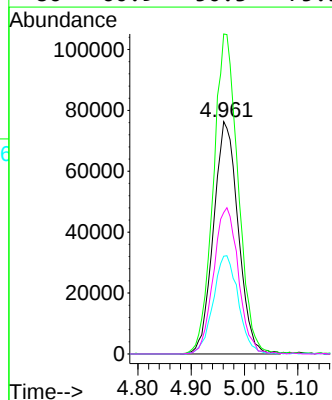
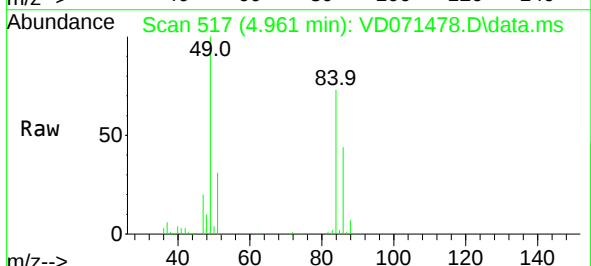
Manual Integrations
APPROVED

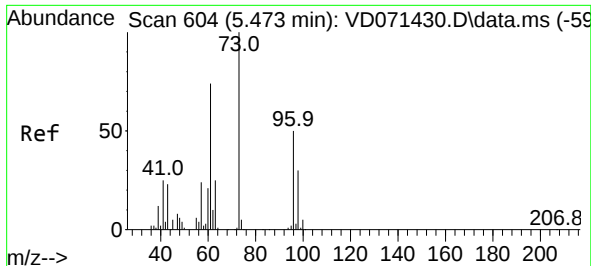
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#20
Methylene Chloride
Concen: 49.143 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

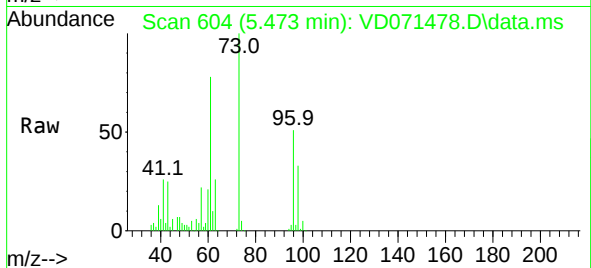
Tgt Ion: 84 Resp: 245812
Ion Ratio Lower Upper
84 100
49 137.7 95.8 143.6
51 42.1 30.9 46.3
86 60.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 48.191 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

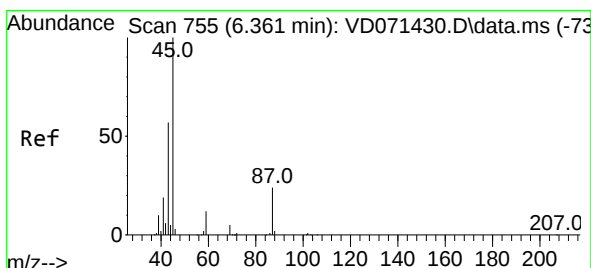
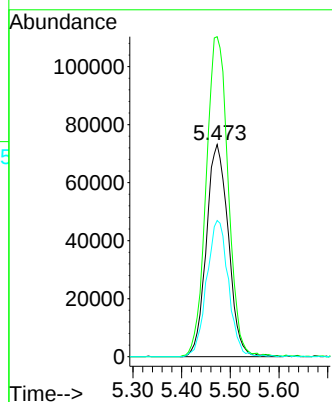
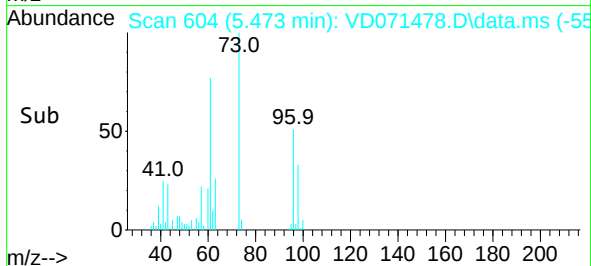
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 229668
Ion Ratio Lower Upper
96 100
61 150.8 102.1 153.1
98 64.2 50.1 75.1

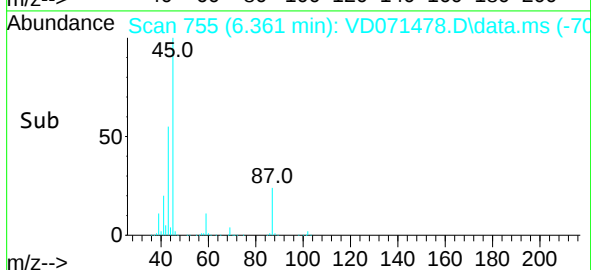
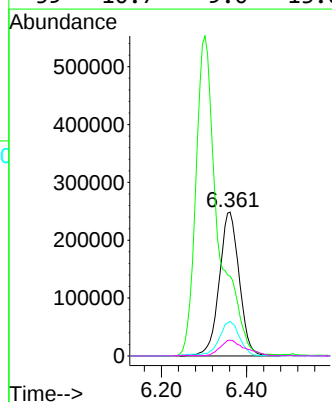
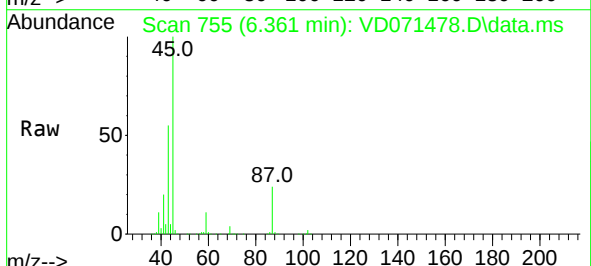
Manual Integrations
APPROVED

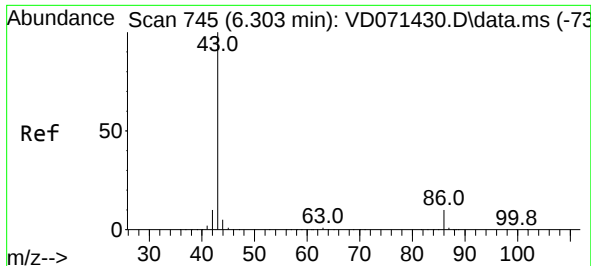
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#22
Diisopropyl ether
Concen: 50.928 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

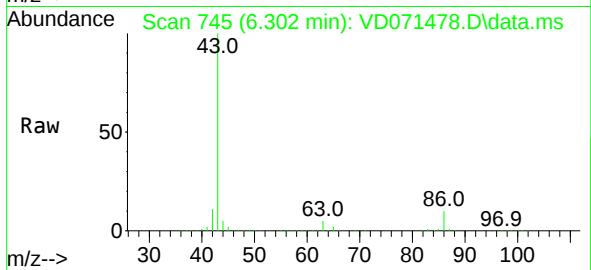
Tgt Ion: 45 Resp: 806872
Ion Ratio Lower Upper
45 100
43 54.6 39.6 59.4
87 24.0 21.2 31.8
59 10.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 244.695 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.001 min
 Lab File: VD071478.D
 Acq: 27 Dec 2021 10:02

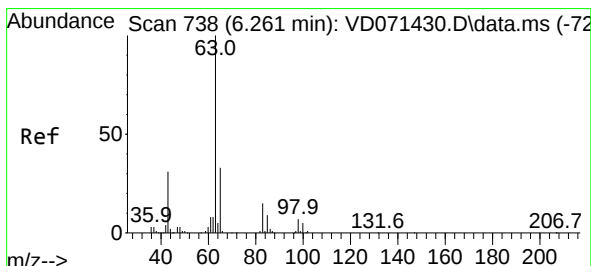
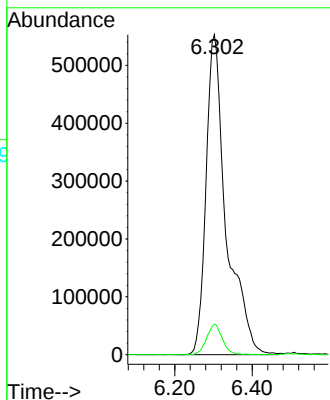
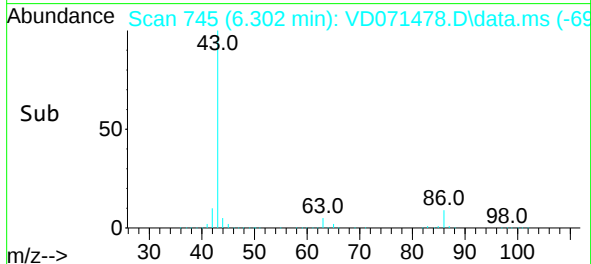
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



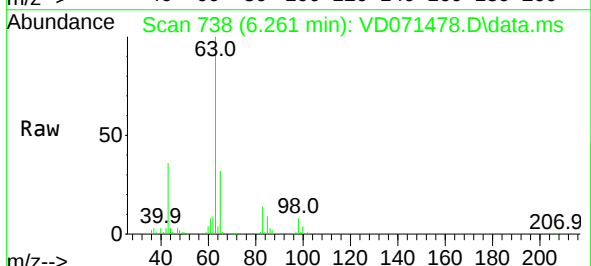
Tgt Ion: 43 Resp: 199854
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.4

Manual Integrations
 APPROVED

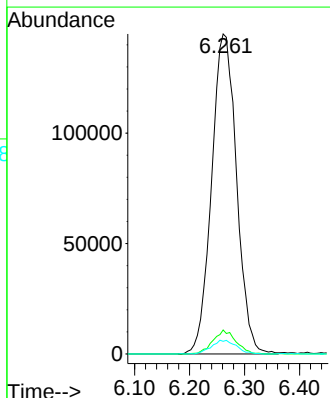
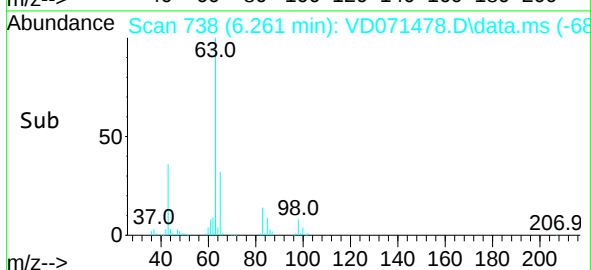
Reviewed By :Semsettin Yesilyurt 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021

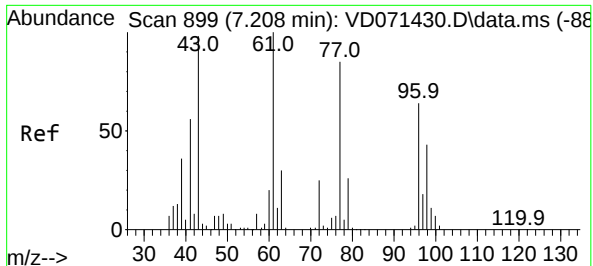


#24
 1,1-Dichloroethane
 Concen: 50.415 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD071478.D
 Acq: 27 Dec 2021 10:02



Tgt Ion: 63 Resp: 457906
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 3.9 2.1 6.3





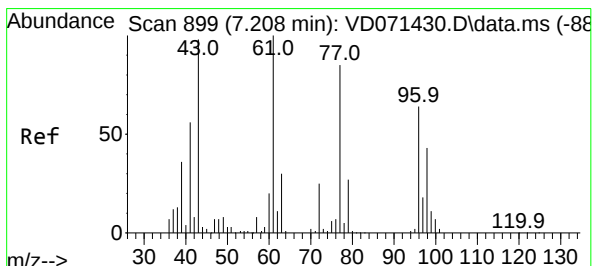
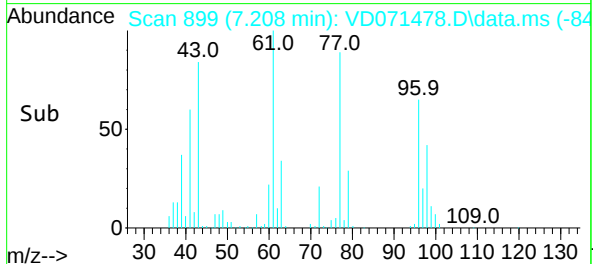
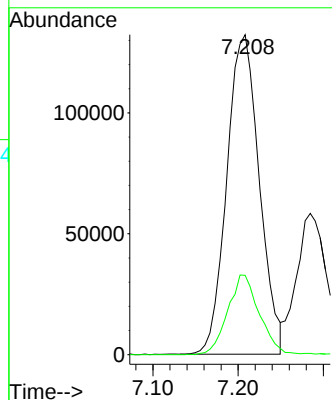
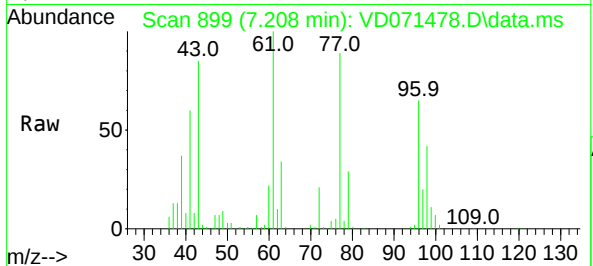
#25
2-Butanone
Concen: 223.209 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 35125
Ion Ratio Lower Upper
43 100
72 24.8 23.8 35.6

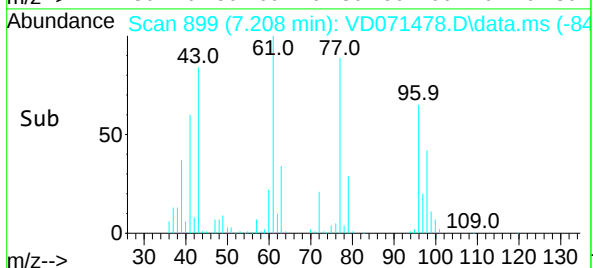
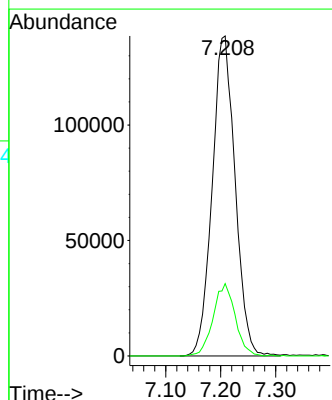
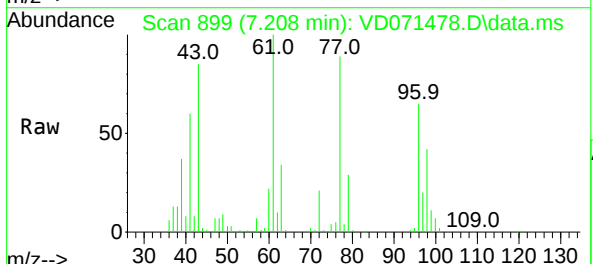
Manual Integrations
APPROVED

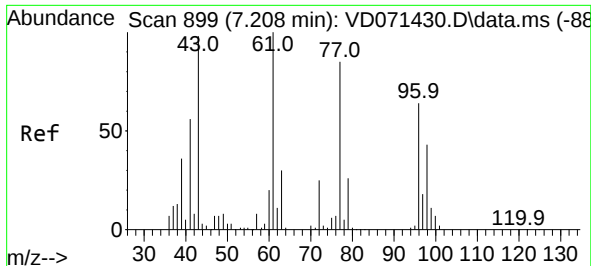
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#26
2,2-Dichloropropane
Concen: 53.811 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

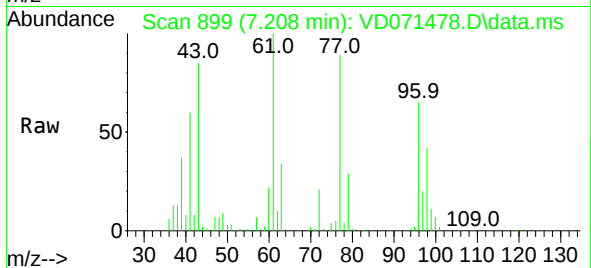
Tgt Ion: 77 Resp: 401589
Ion Ratio Lower Upper
77 100
97 21.8 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 50.594 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

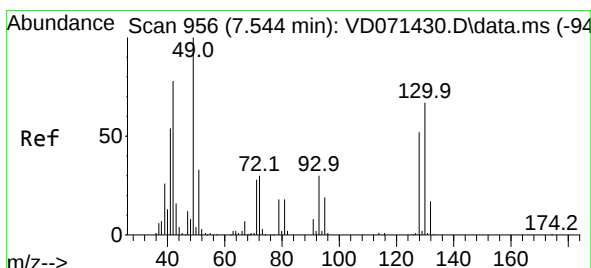
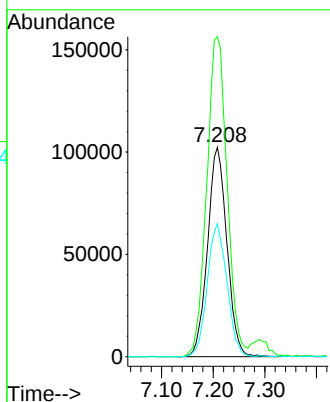
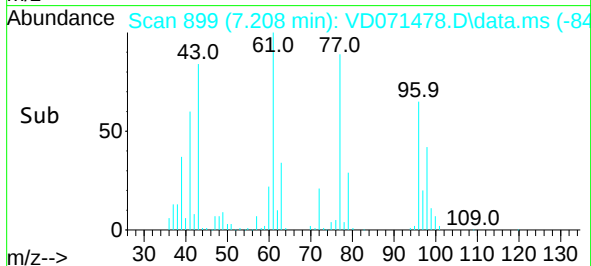
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



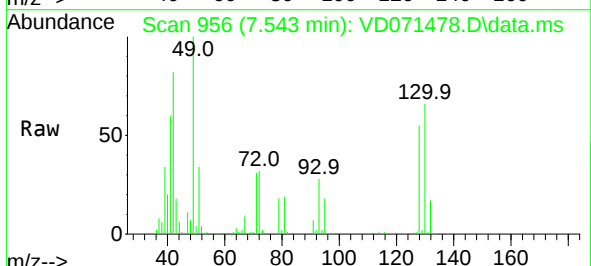
Tgt Ion: 96 Resp: 266697
Ion Ratio Lower Upper
96 100
61 160.5 0.0 288.6
98 64.4 0.0 129.2

Manual Integrations
APPROVED

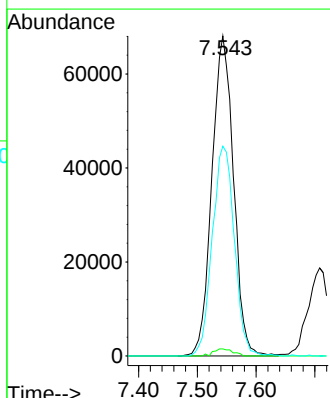
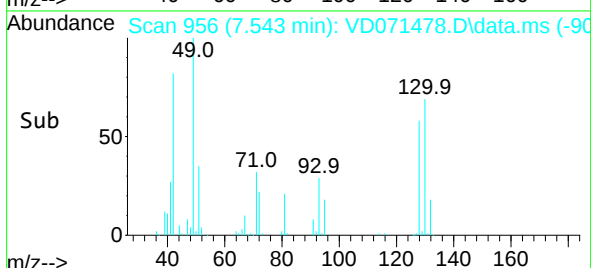
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#28
Bromochloromethane
Concen: 46.743 ug/l
RT: 7.543 min Scan# 956
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



Tgt Ion: 49 Resp: 173978
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 67.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 223.461 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

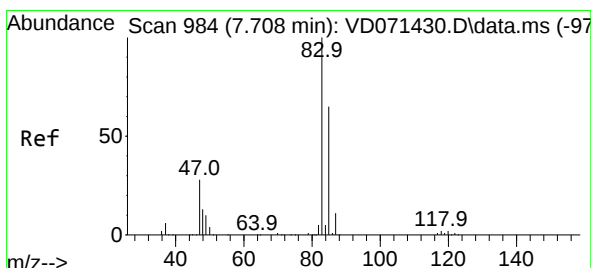
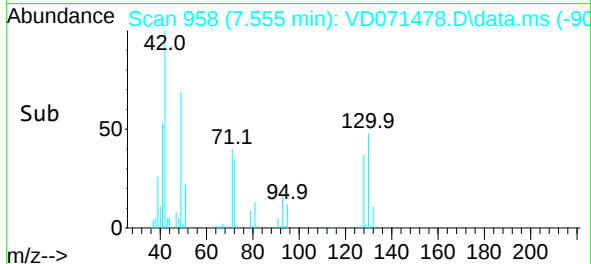
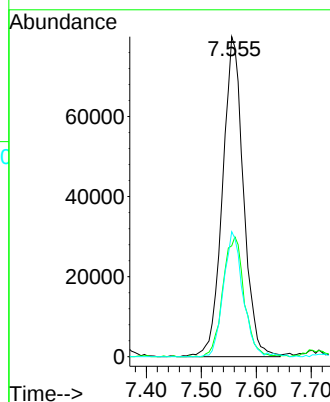
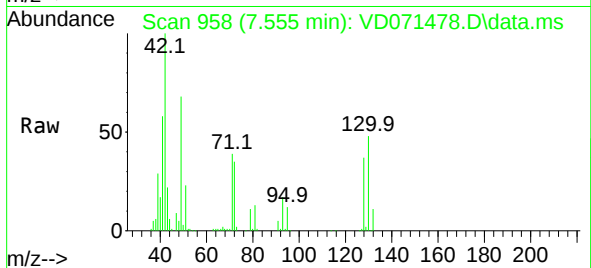
VSTDCCC050

Tgt Ion: 42 Resp: 21113
 Ion Ratio Lower Upper
 42 100
 72 38.1 33.7 50.5
 71 36.8 32.7 49.1

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 51.383 ug/l

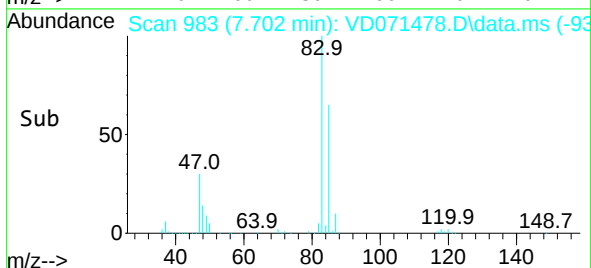
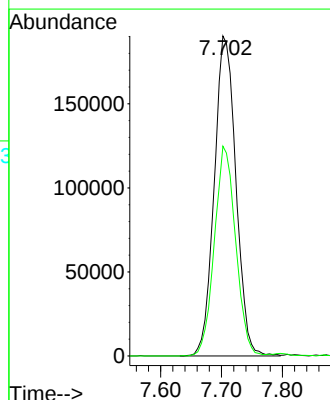
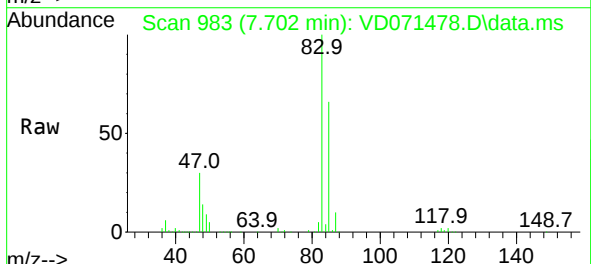
RT: 7.702 min Scan# 983

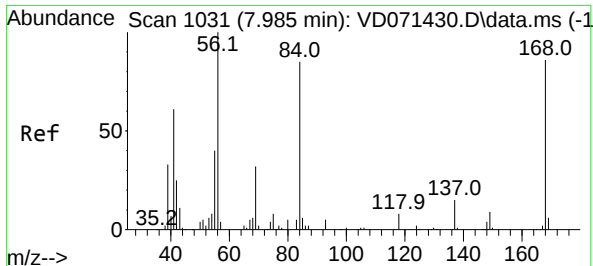
Delta R.T. 0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

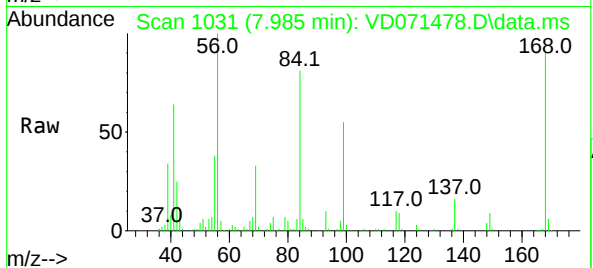
Tgt Ion: 83 Resp: 470911
 Ion Ratio Lower Upper
 83 100
 85 65.5 51.0 76.6





#31
Cyclohexane
Concen: 44.547 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

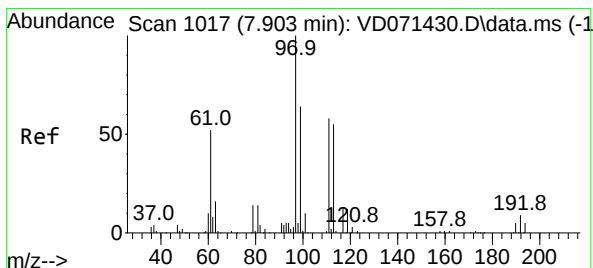
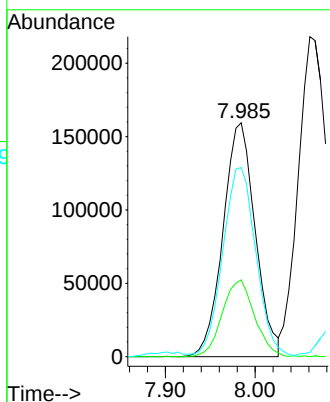
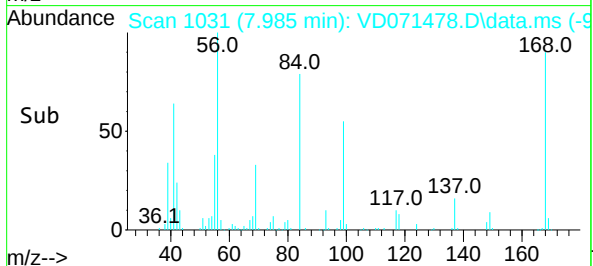
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



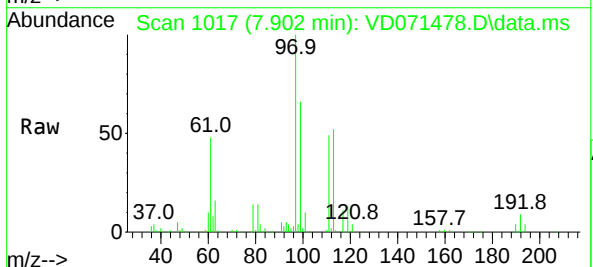
Tgt Ion: 56 Resp: 396920
Ion Ratio Lower Upper
56 100
69 32.8 25.9 38.9
84 78.7 64.3 96.5

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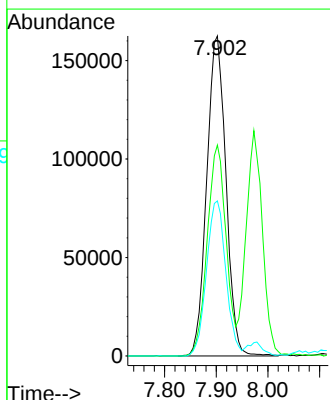
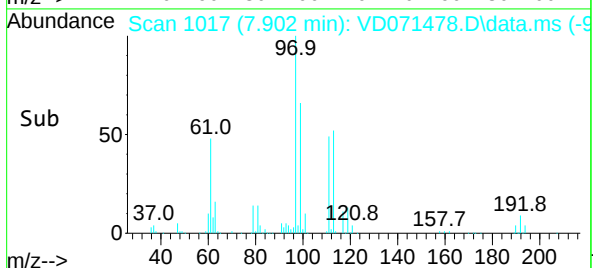
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

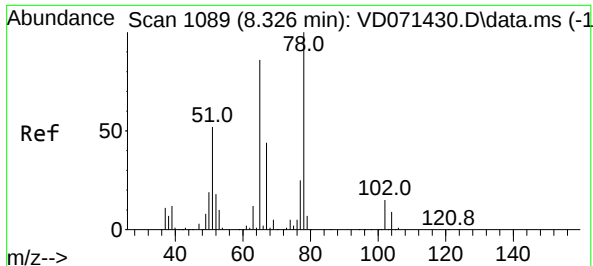


#32
1,1,1-Trichloroethane
Concen: 51.600 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



Tgt Ion: 97 Resp: 419402
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 48.9 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 46.261 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 242649

Ion Ratio Lower Upper

65 100

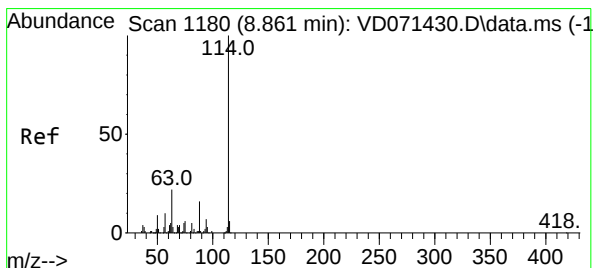
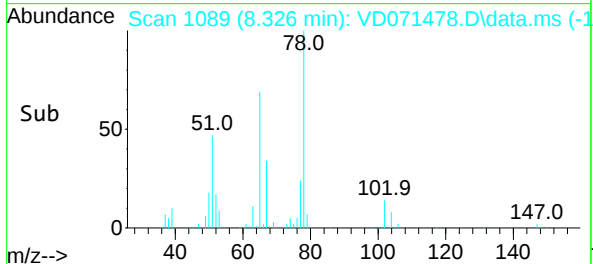
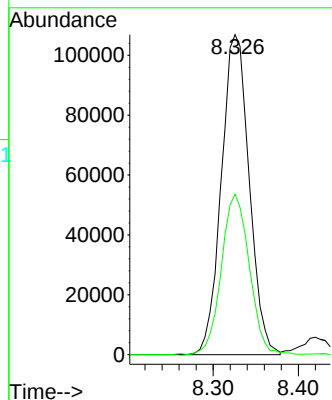
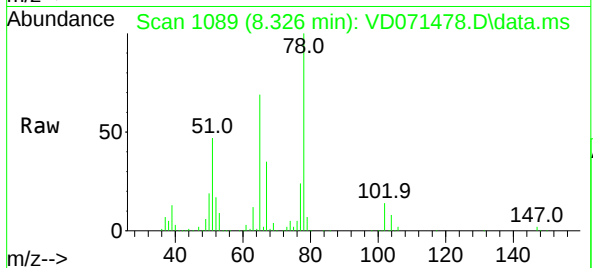
67 50.3 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/28/2021

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: VD071478.D

Acq: 27 Dec 2021 10:02

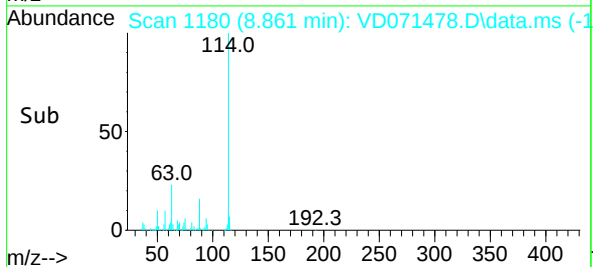
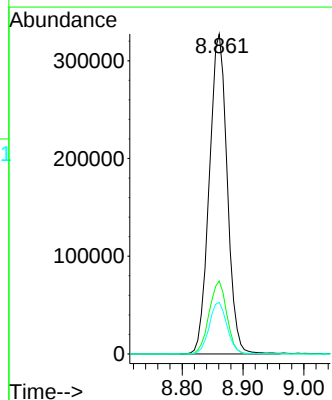
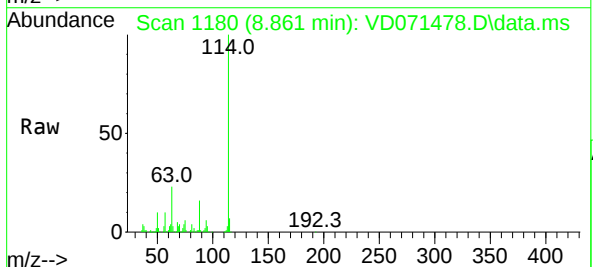
Tgt Ion:114 Resp: 668112

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.882 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

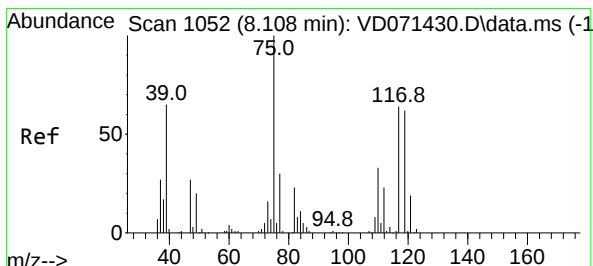
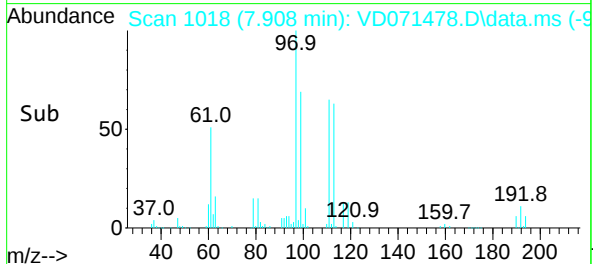
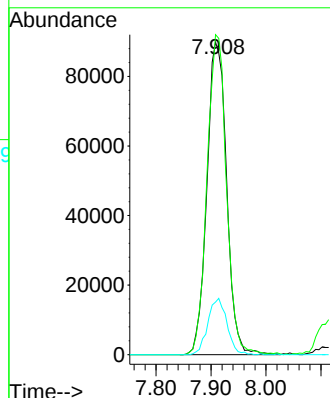
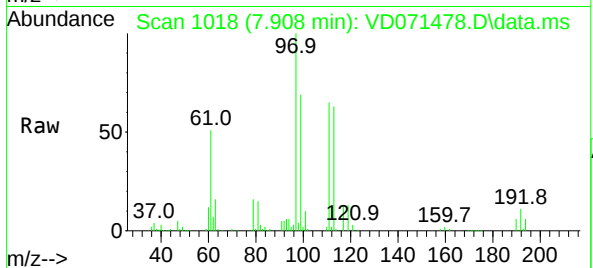
VSTDCCC050

Tgt Ion:113 Resp: 22398
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.0 123.0
 192 17.5 15.2 22.8

Manual Integrations

APPROVED

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



#36

1,1-Dichloropropene

Concen: 49.706 ug/l

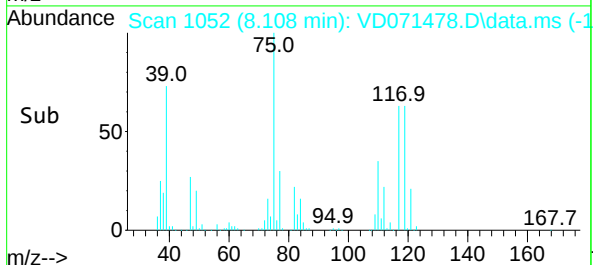
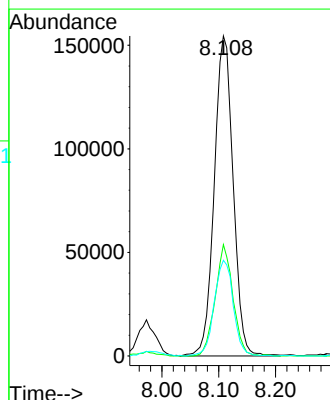
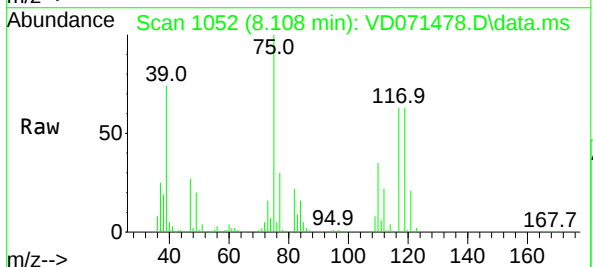
RT: 8.108 min Scan# 1052

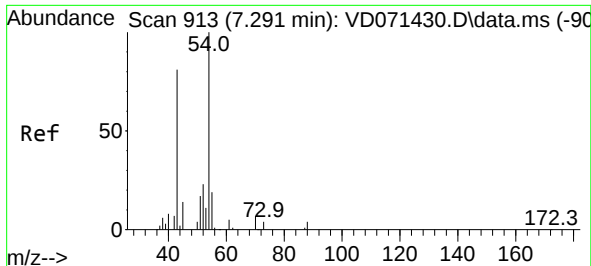
Delta R.T. 0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Tgt Ion: 75 Resp: 356583
 Ion Ratio Lower Upper
 75 100
 110 32.7 17.8 53.4
 77 30.2 24.8 37.2





#37

Ethyl Acetate

Concen: 45.136 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD071478.D

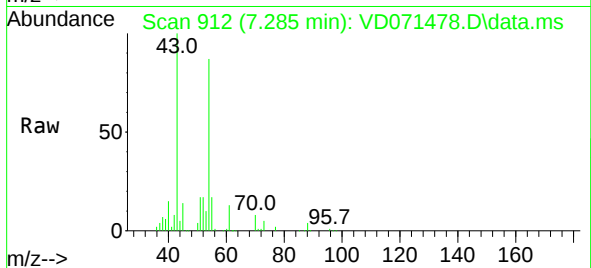
Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



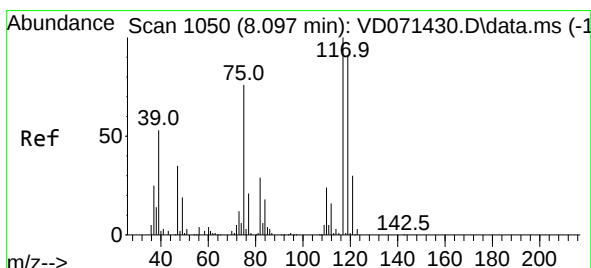
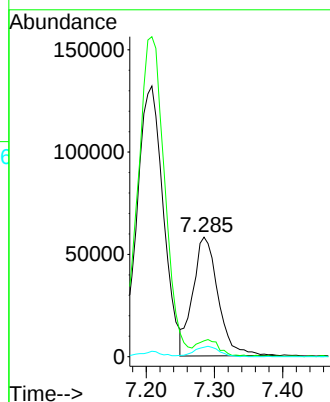
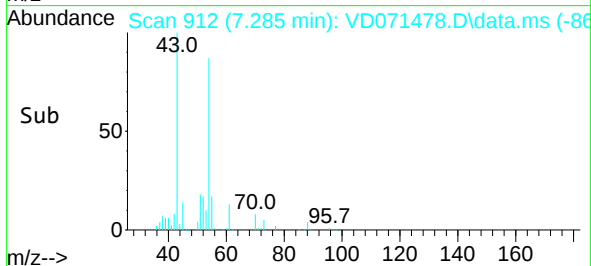
Tgt Ion: 43 Resp: 14948

Ion	Ratio	Lower	Upper
43	100		
61	12.2	13.0	19.6
70	8.5	8.7	13.1

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 52.000 ug/l

RT: 8.096 min Scan# 1050

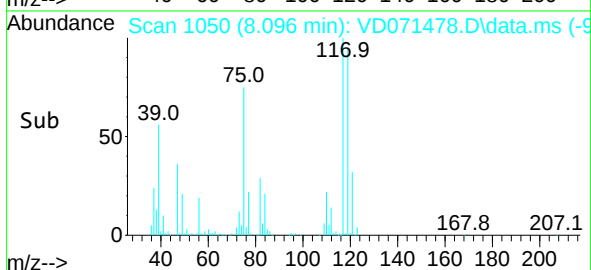
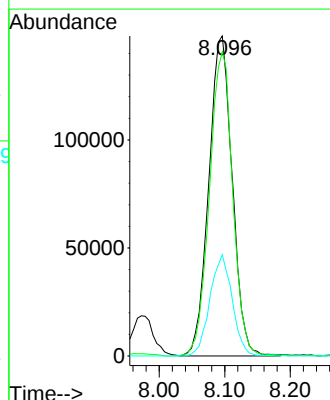
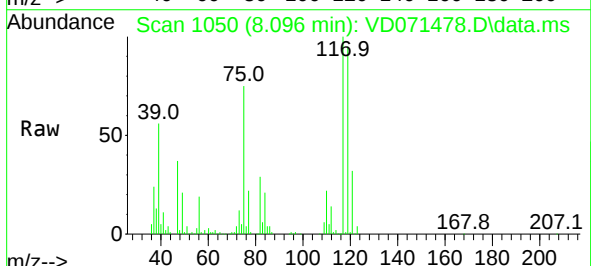
Delta R.T. -0.001 min

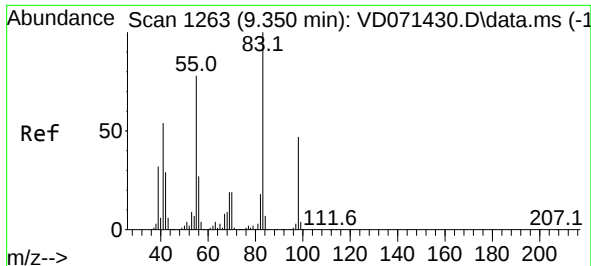
Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Tgt Ion:117 Resp: 368031

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.6
121	31.6	23.6	35.4





#39

Methylcyclohexane

Concen: 46.815 ug/l

RT: 9.349 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

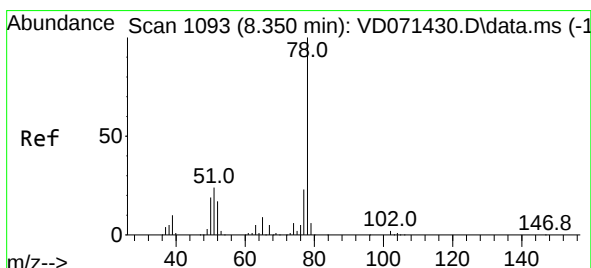
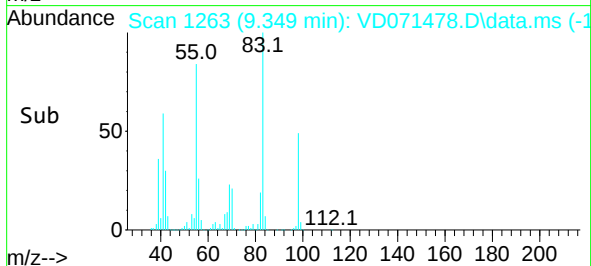
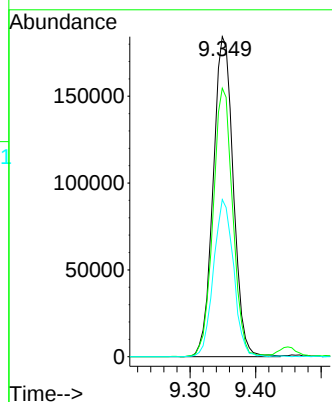
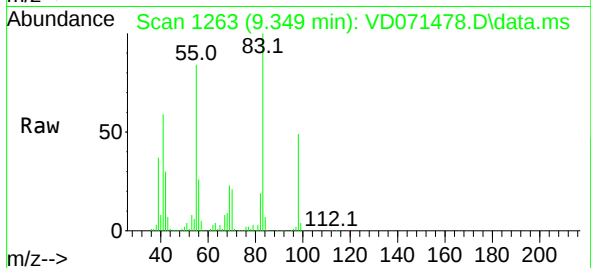
VSTDCCC050

Tgt Ion: 83 Resp: 393133
 Ion Ratio Lower Upper
 83 100
 55 83.9 65.8 98.8
 98 49.1 38.7 58.1

Manual Integrations

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



#40

Benzene

Concen: 49.393 ug/l

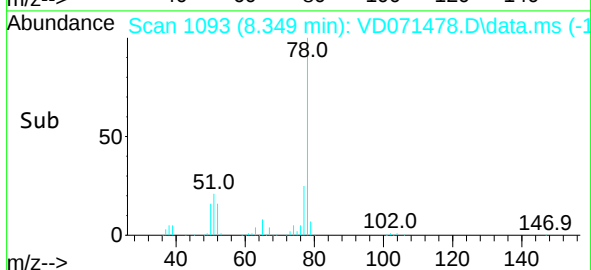
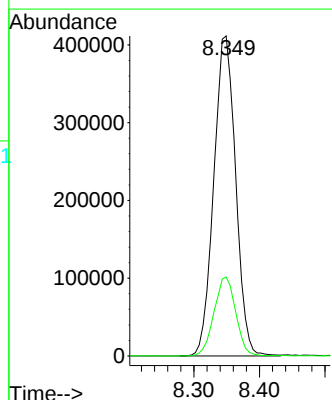
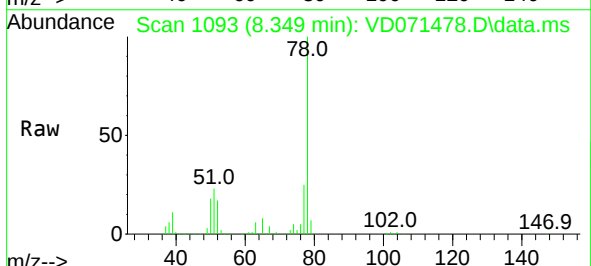
RT: 8.349 min Scan# 1093

Delta R.T. -0.001 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

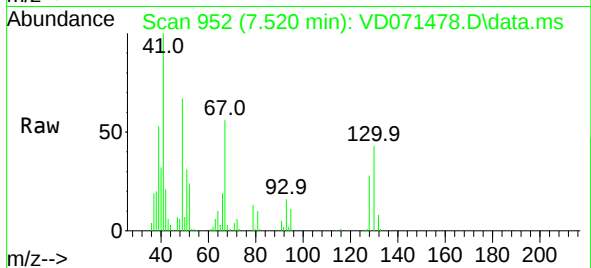
Tgt Ion: 78 Resp: 952546
 Ion Ratio Lower Upper
 78 100
 77 24.7 19.1 28.7





#41
Methacrylonitrile
Concen: 47.382 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

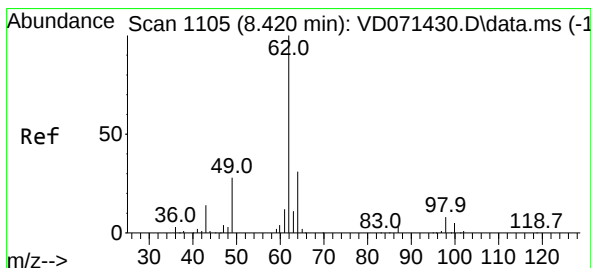
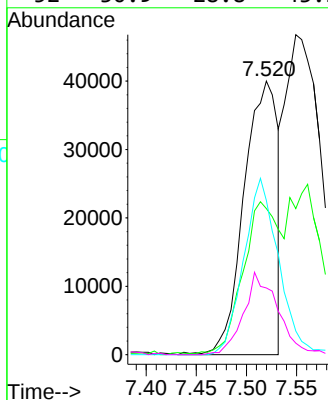
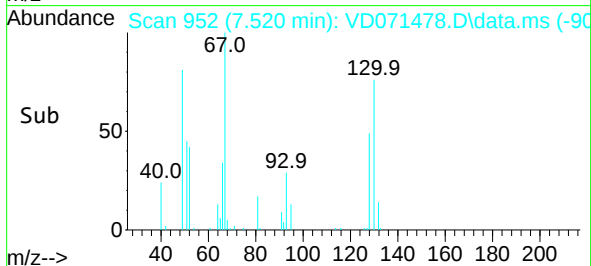
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



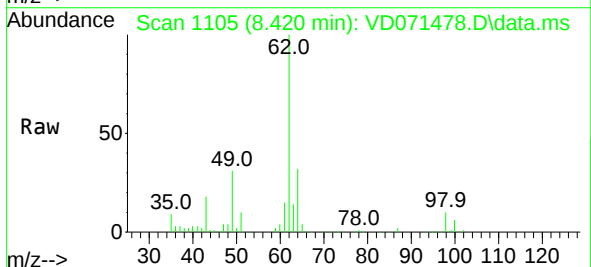
Tgt Ion: 41 Resp: 93209
Ion Ratio Lower Upper
41 100
39 62.0 60.2 90.4
67 67.1 74.8 112.2
52 30.9 28.8 43.2

Manual Integrations
APPROVED

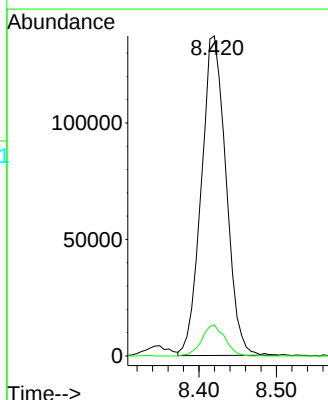
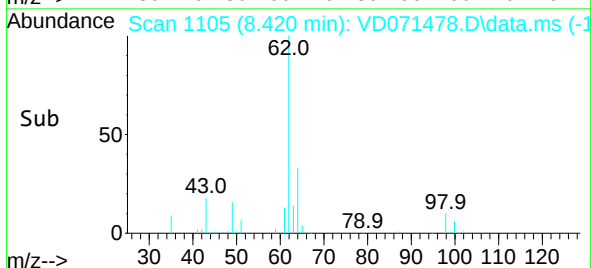
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

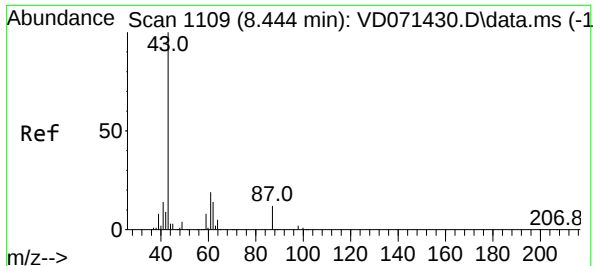


#42
1,2-Dichloroethane
Concen: 48.321 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



Tgt Ion: 62 Resp: 303870
Ion Ratio Lower Upper
62 100
98 9.1 0.0 21.8





#43

Isopropyl Acetate

Concen: 46.259 ug/l

RT: 8.443 min Scan# 1109

Delta R.T. -0.007 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

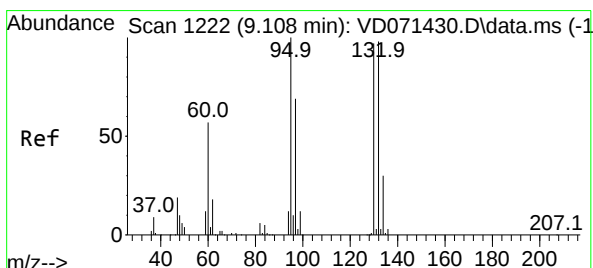
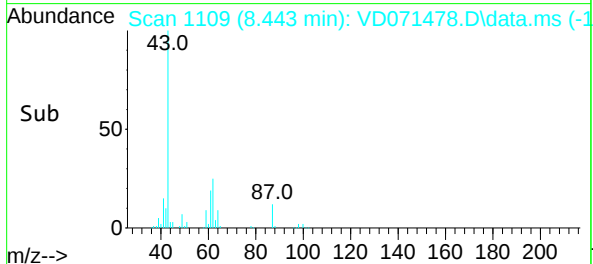
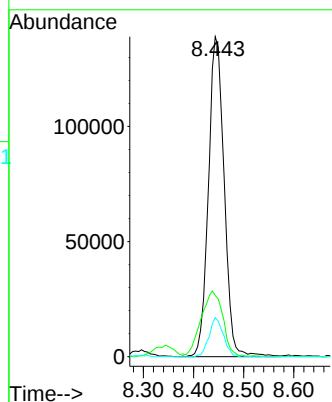
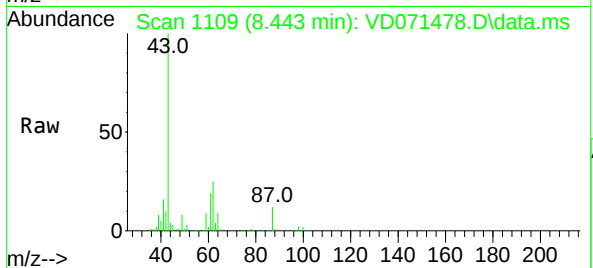
Tgt Ion: 43 Resp: 304034

Ion	Ratio	Lower	Upper
43	100		
61	27.9	28.2	42.4
87	11.2	10.7	16.1

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 50.336 ug/l

RT: 9.108 min Scan# 1222

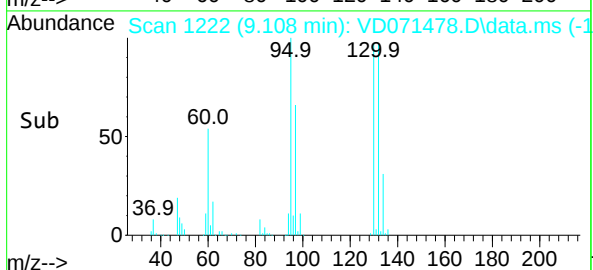
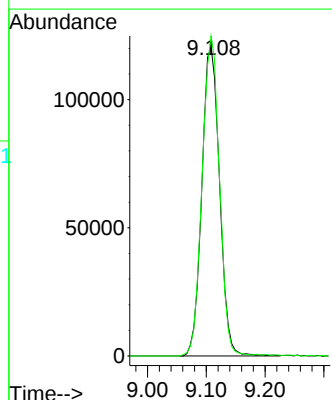
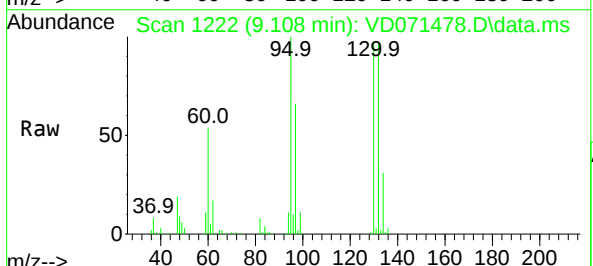
Delta R.T. 0.000 min

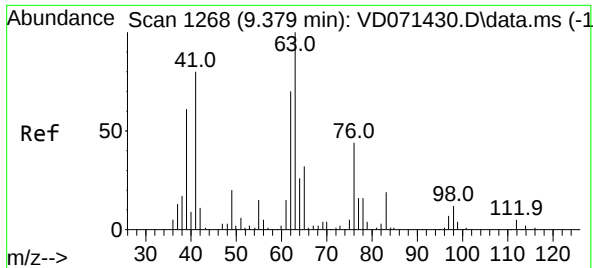
Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Tgt Ion:130 Resp: 252965

Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	193.2





#45

1,2-Dichloropropane

Concen: 50.393 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 252178

Ion Ratio Lower Upper

63 100

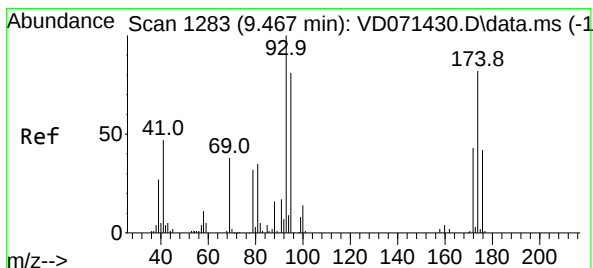
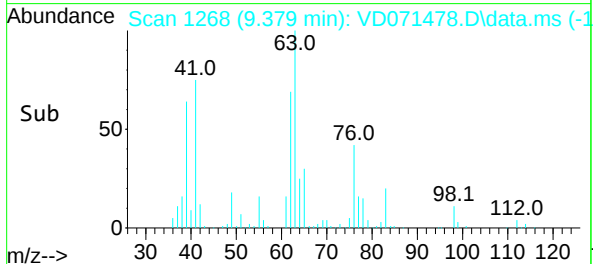
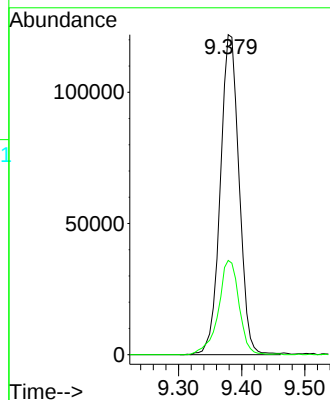
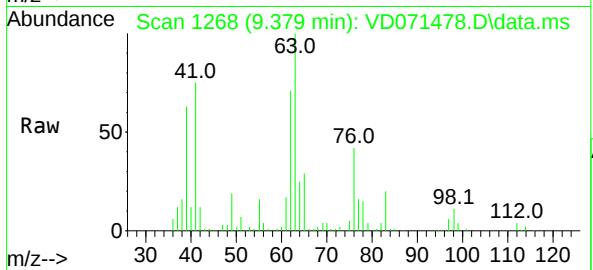
65 29.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#46

Dibromomethane

Concen: 47.449 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

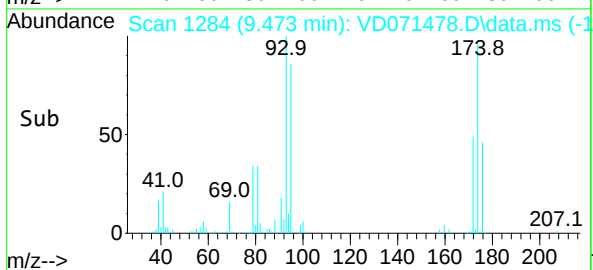
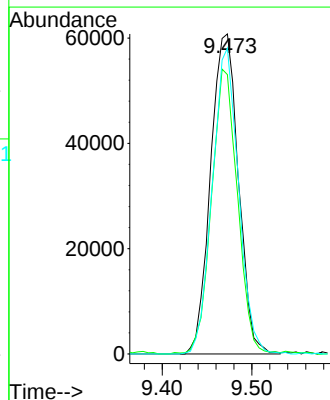
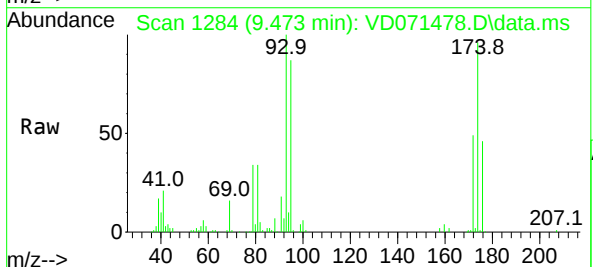
Tgt Ion: 93 Resp: 131181

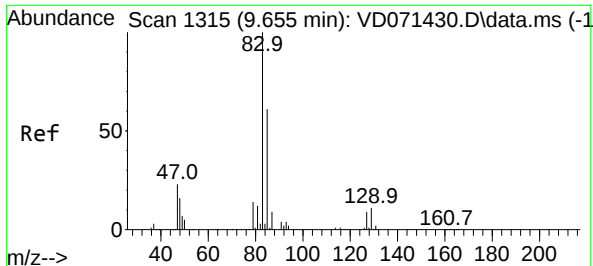
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 89.9 78.6 117.8





#47

Bromodichloromethane

Concen: 50.169 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 35215

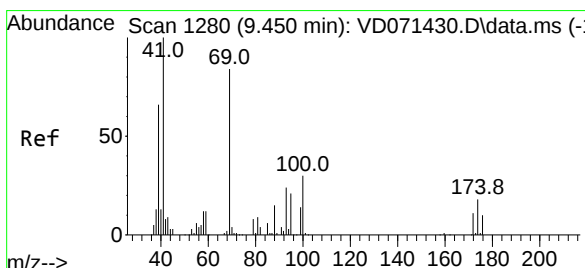
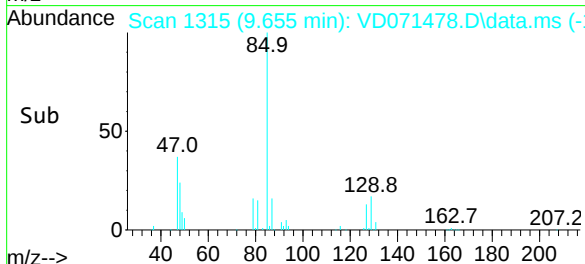
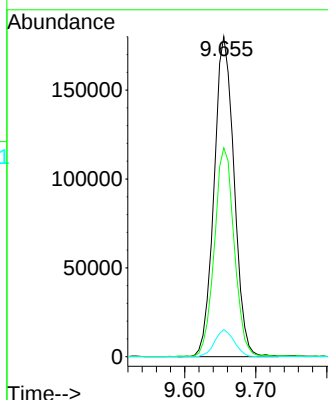
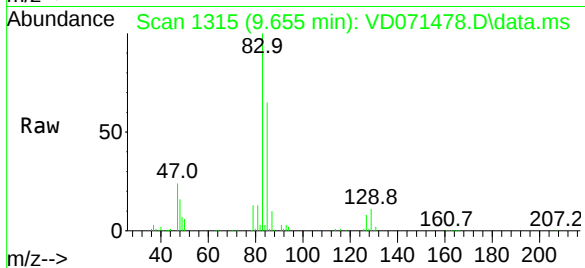
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.0	75.0
127	8.4	7.3	10.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#48

Methyl methacrylate

Concen: 46.933 ug/l

RT: 9.449 min Scan# 1280

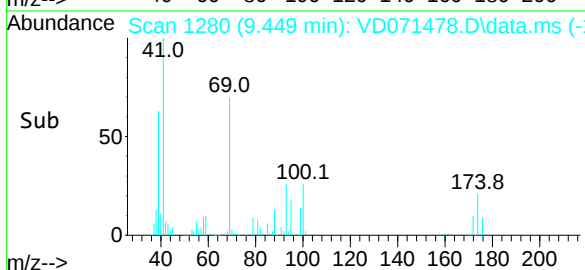
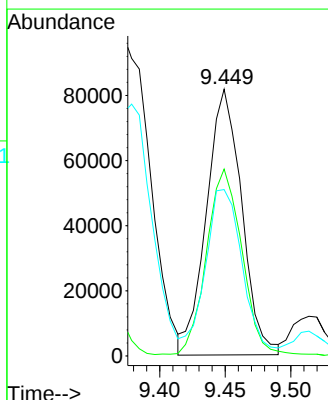
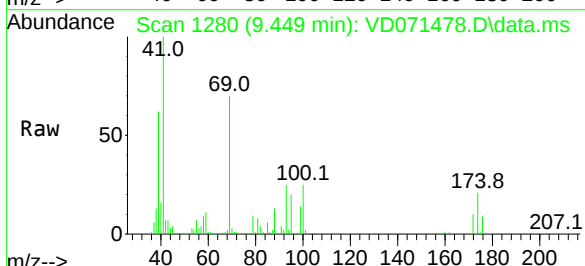
Delta R.T. 0.000 min

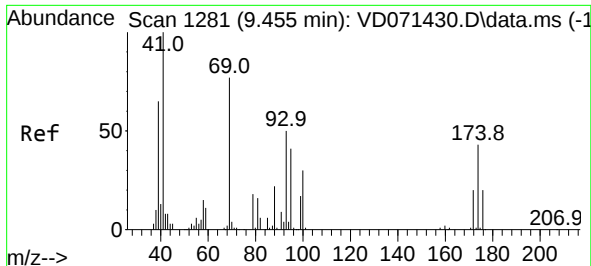
Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Tgt Ion: 41 Resp: 152645

Ion	Ratio	Lower	Upper
41	100		
69	70.7	69.8	104.6
39	66.0	35.6	53.4





#49

1,4-Dioxane

Concen: 791.531 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

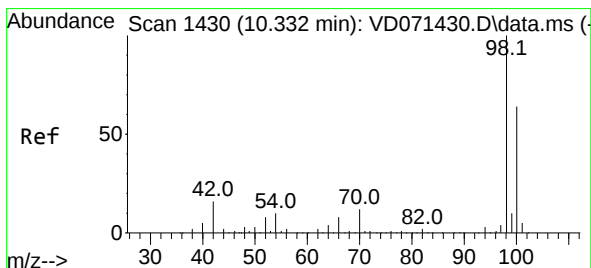
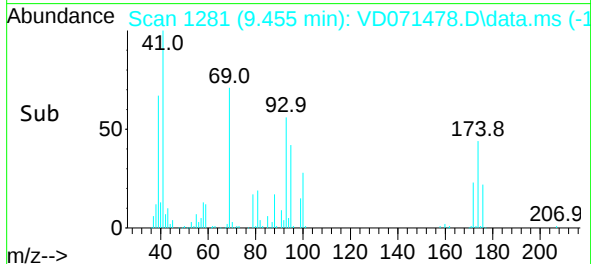
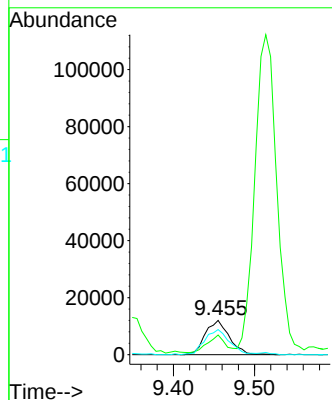
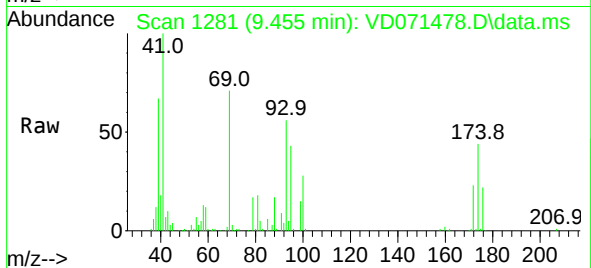
Tgt Ion: 88 Resp: 24729

Ion	Ratio	Lower	Upper
88	100		
43	38.6	28.9	43.3
58	75.9	56.3	84.5

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 49.190 ug/l

RT: 10.331 min Scan# 1430

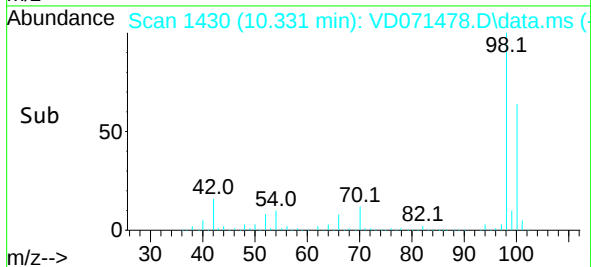
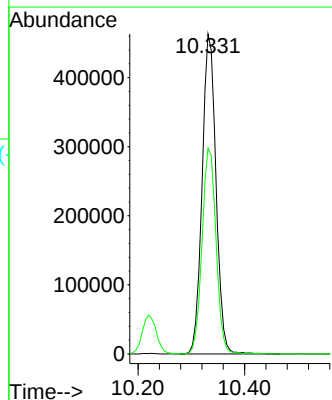
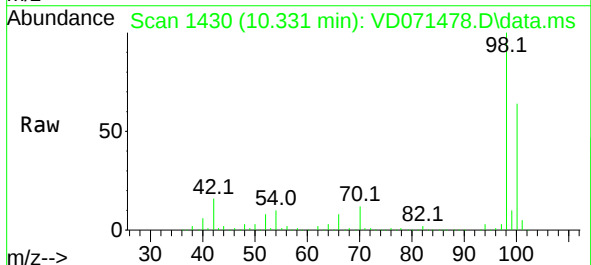
Delta R.T. -0.001 min

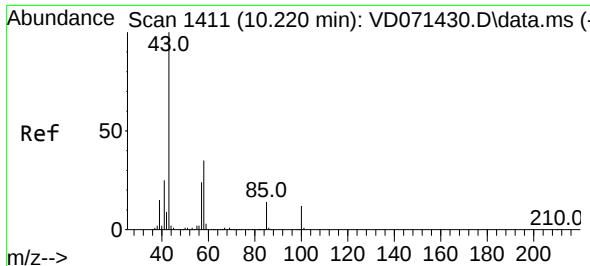
Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Tgt Ion: 98 Resp: 834687

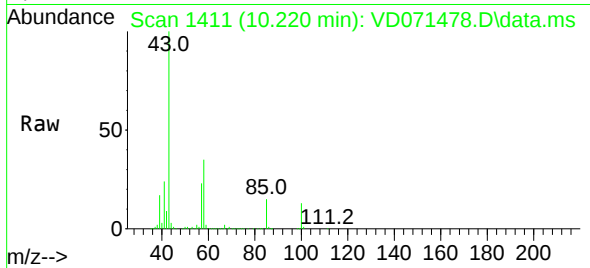
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 224.061 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

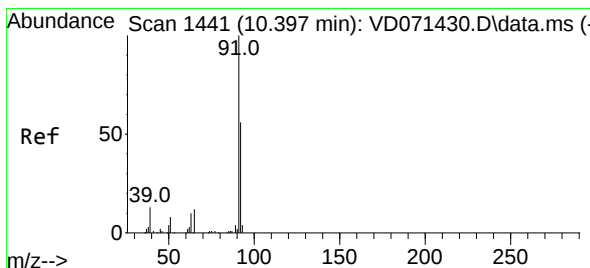
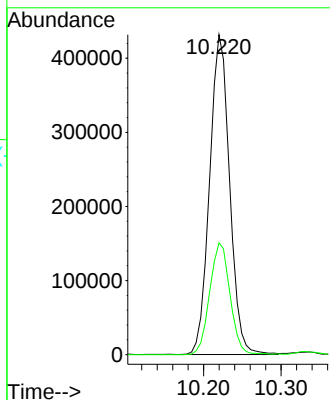
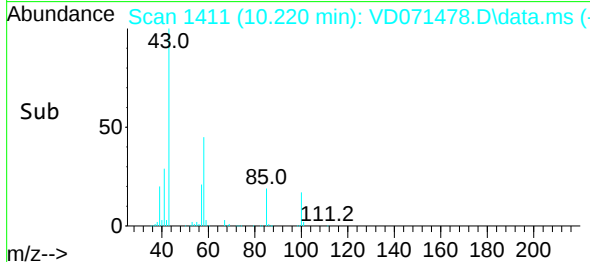
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 774773
Ion Ratio Lower Upper
43 100
58 35.4 33.1 49.7

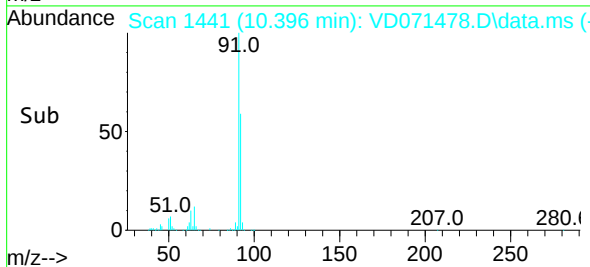
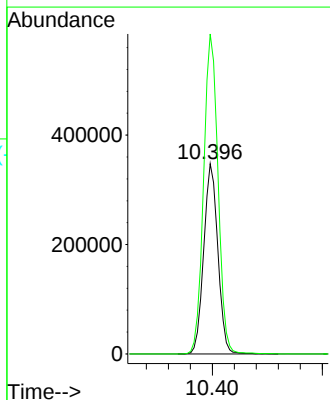
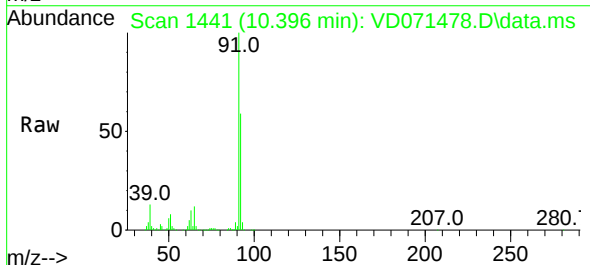
Manual Integrations
APPROVED

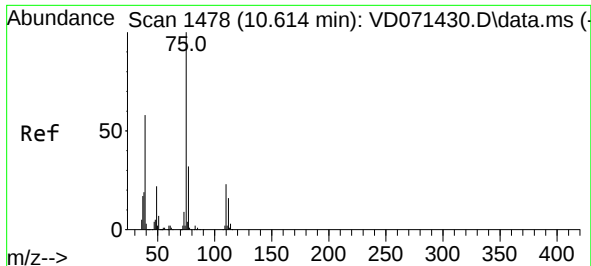
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#52
Toluene
Concen: 50.545 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

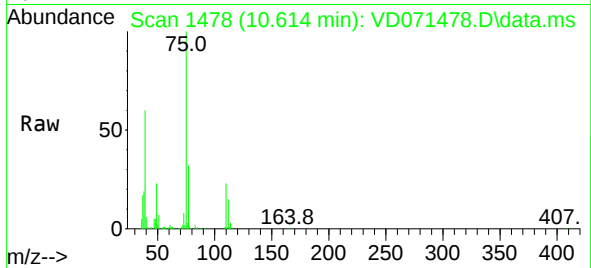
Tgt Ion: 92 Resp: 619209
Ion Ratio Lower Upper
92 100
91 171.7 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 50.344 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

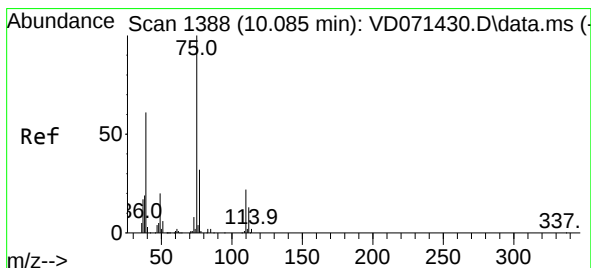
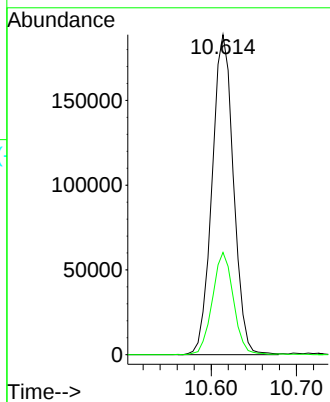
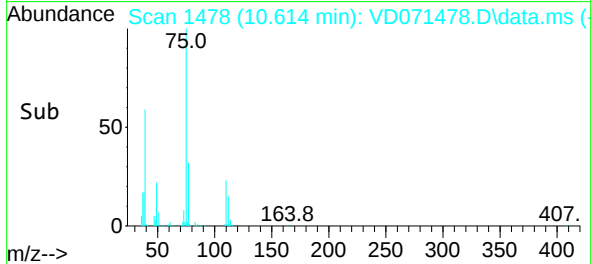
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 32998
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7

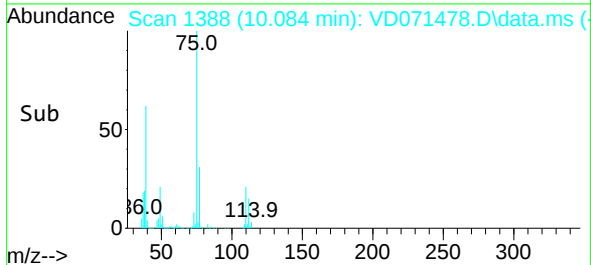
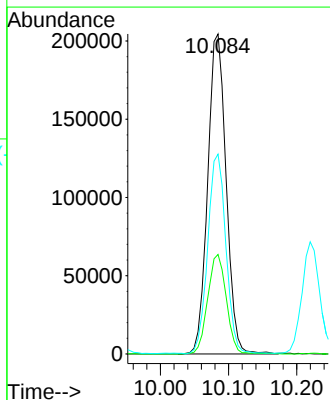
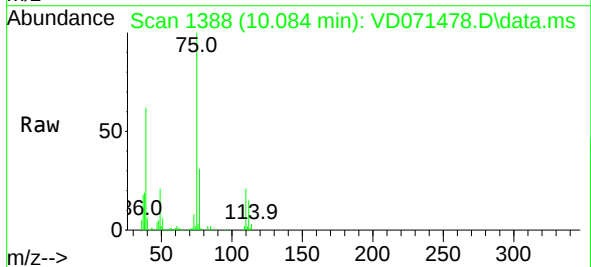
Manual Integrations
APPROVED

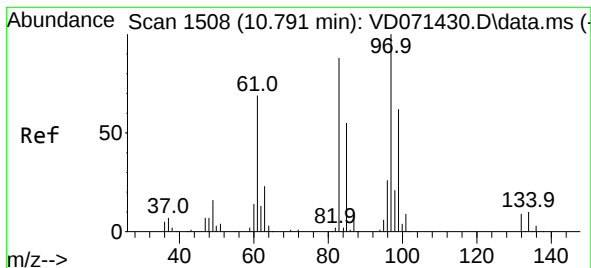
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#54
cis-1,3-Dichloropropene
Concen: 50.864 ug/l
RT: 10.084 min Scan# 1388
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

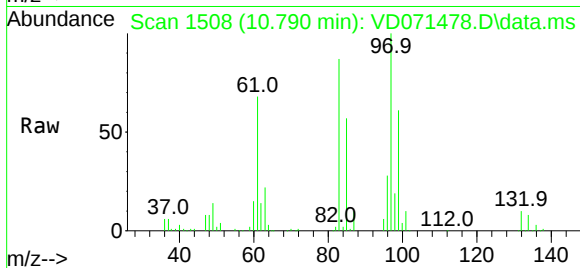
Tgt Ion: 75 Resp: 385253
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 62.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 49.540 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

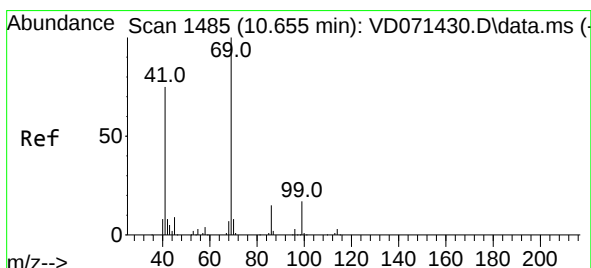
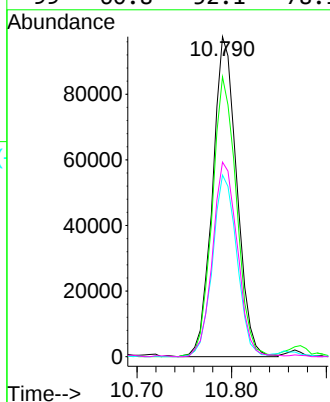
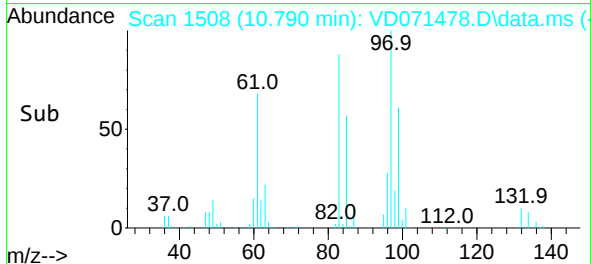
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



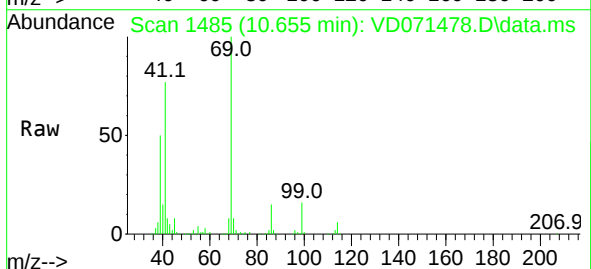
Tgt Ion: 97 Resp: 173849
Ion Ratio Lower Upper
97 100
83 87.5 65.2 97.8
85 56.7 43.4 65.0
99 60.8 52.1 78.1

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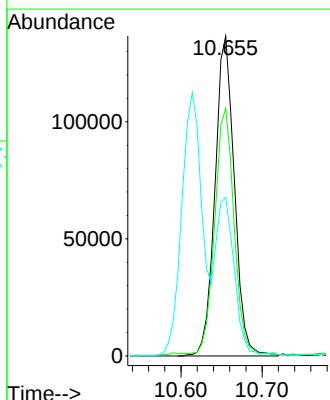
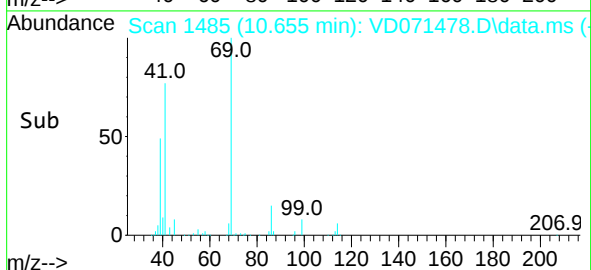
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

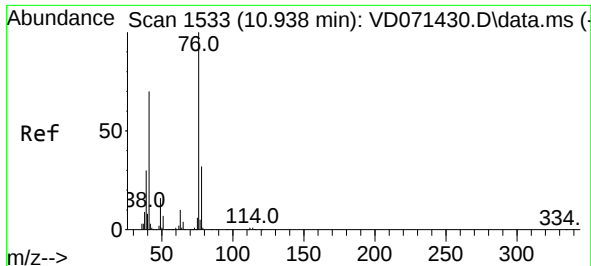


#56
Ethyl methacrylate
Concen: 49.070 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



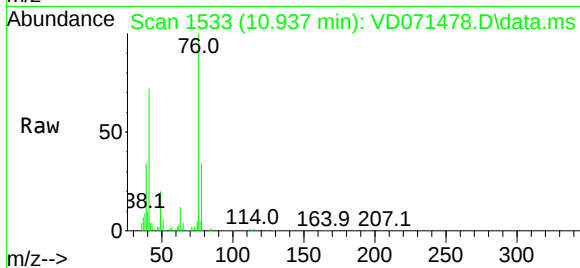
Tgt Ion: 69 Resp: 226604
Ion Ratio Lower Upper
69 100
41 77.2 50.2 75.2#
39 46.1 19.8 29.8#





#57
1,3-Dichloropropane
Concen: 47.753 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

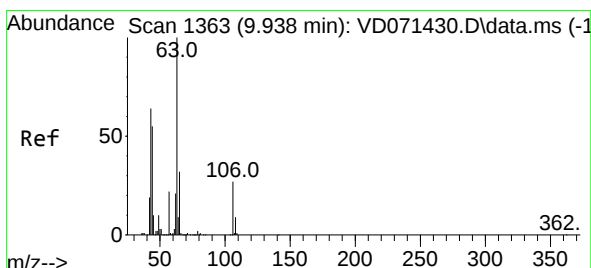
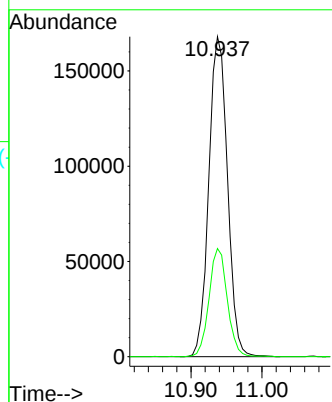
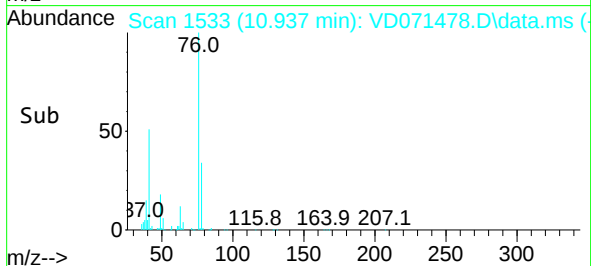
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 30695
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6

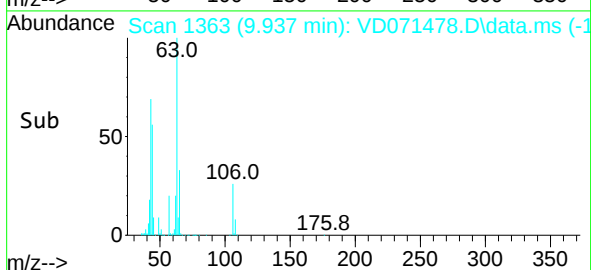
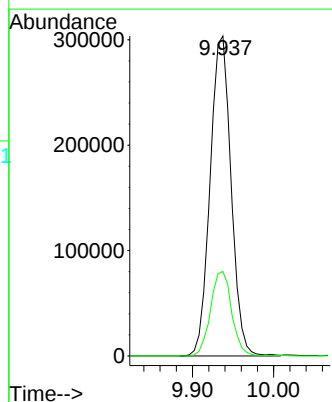
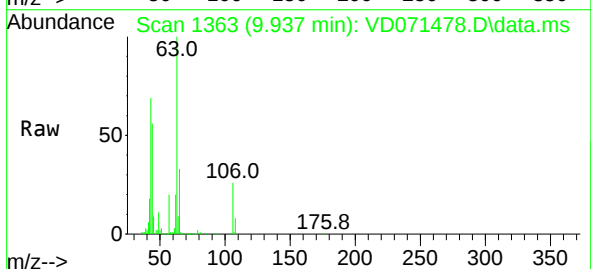
Manual Integrations
APPROVED

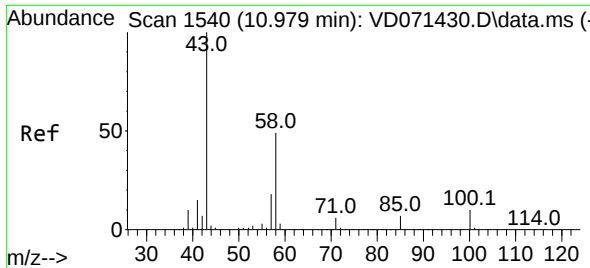
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#58
2-Chloroethyl Vinyl ether
Concen: 246.012 ug/l
RT: 9.937 min Scan# 1363
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

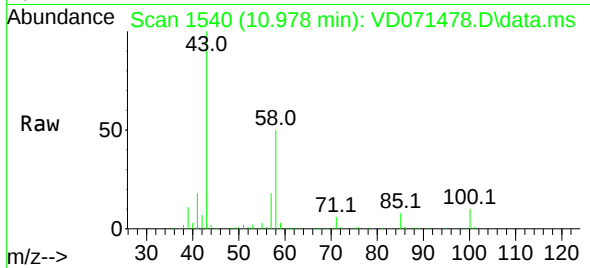
Tgt Ion: 63 Resp: 544197
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.4





#59
2-Hexanone
Concen: 238.926 ug/l
RT: 10.978 min Scan# 1540
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

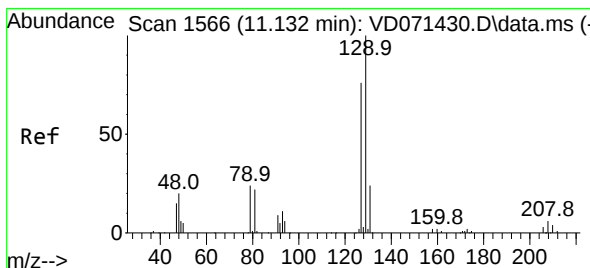
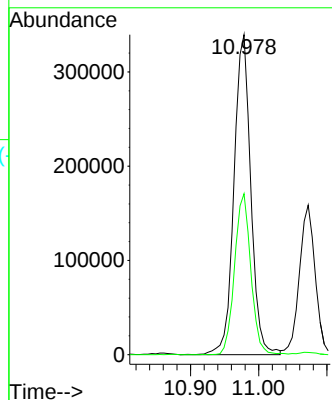
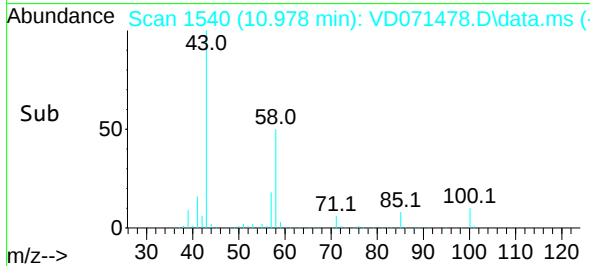
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



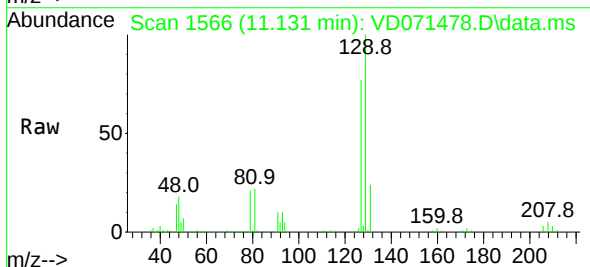
Tgt Ion: 43 Resp: 58398
Ion Ratio Lower Upper
43 100
58 48.6 28.7 86.1

Manual Integrations
APPROVED

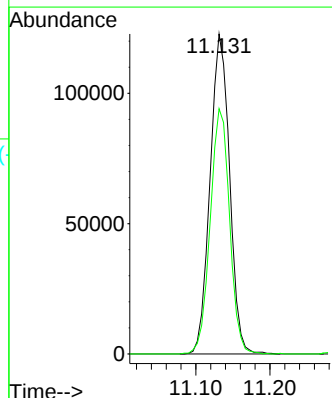
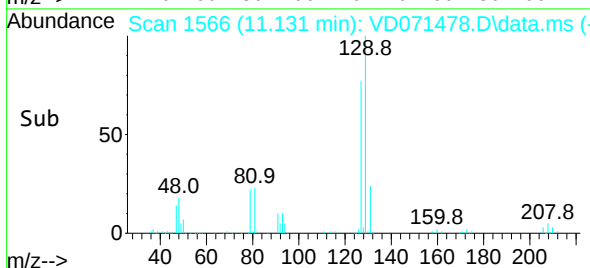
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

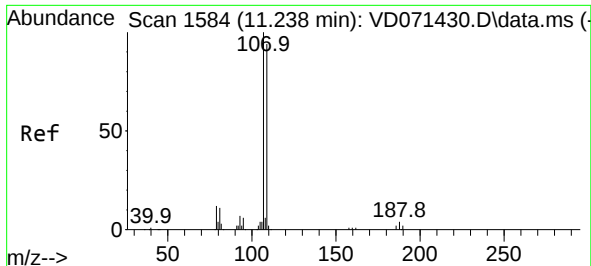


#60
Dibromochloromethane
Concen: 50.796 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



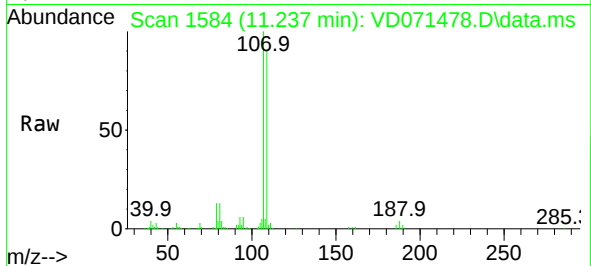
Tgt Ion:129 Resp: 224080
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.6





#61
1,2-Dibromoethane
Concen: 47.181 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

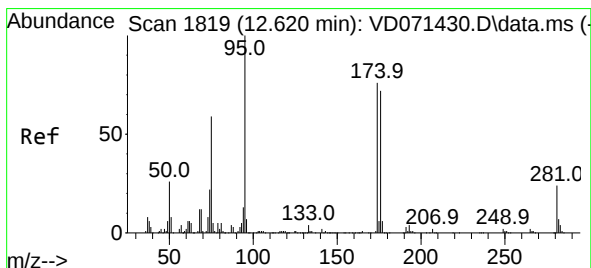
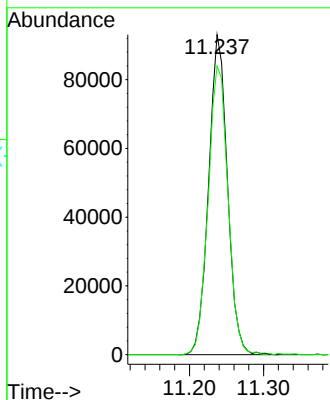
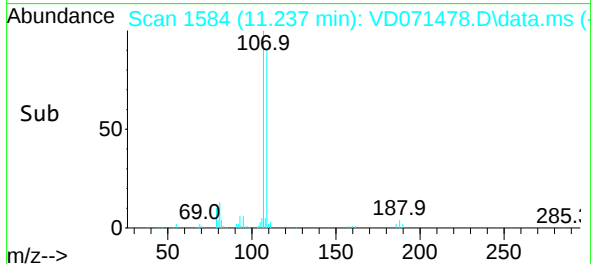
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



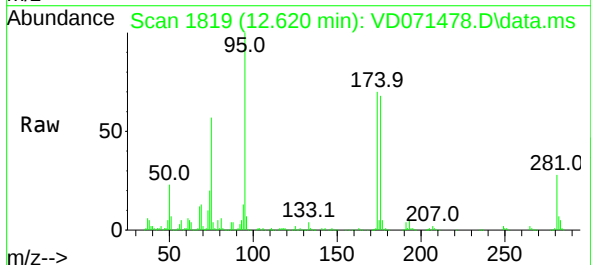
Tgt Ion:107 Resp: 163992
Ion Ratio Lower Upper
107 100
109 95.3 74.6 112.0

Manual Integrations
APPROVED

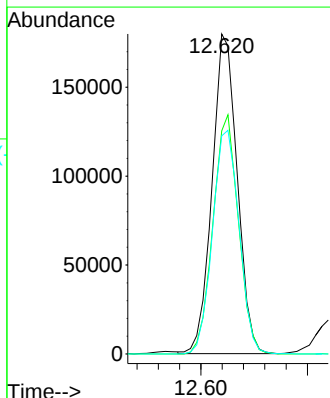
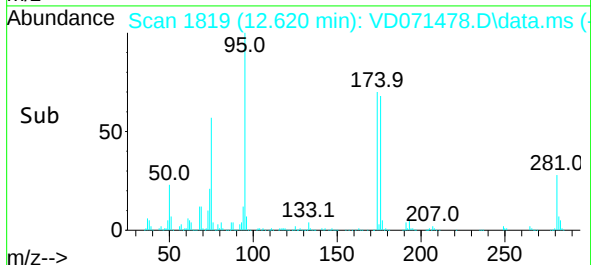
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

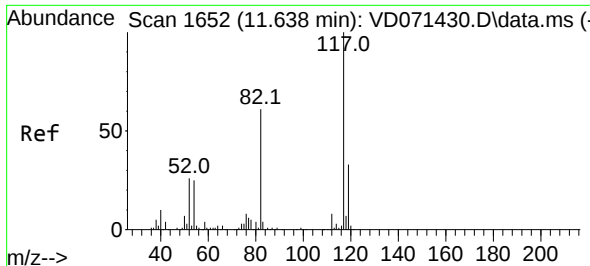


#62
4-Bromofluorobenzene
Concen: 48.765 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



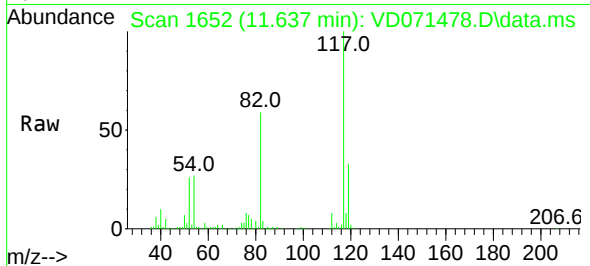
Tgt Ion: 95 Resp: 294041
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 74.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1163
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

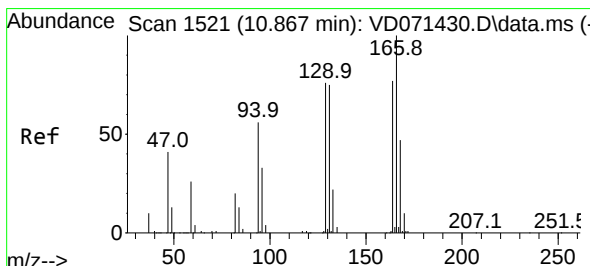
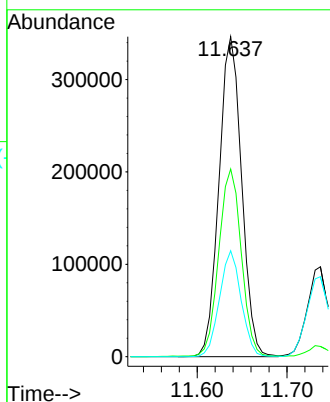
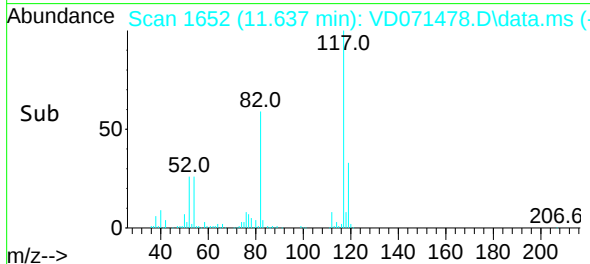
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 60676
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 33.1 26.2 39.4

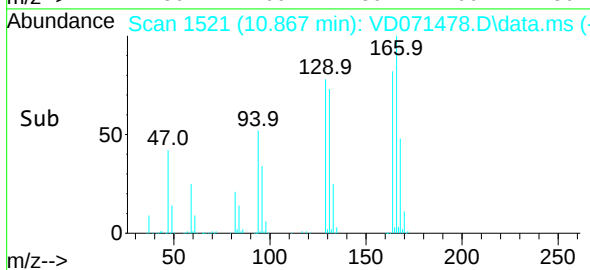
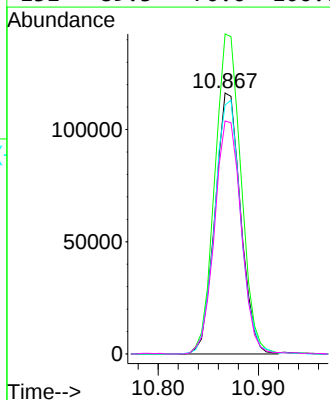
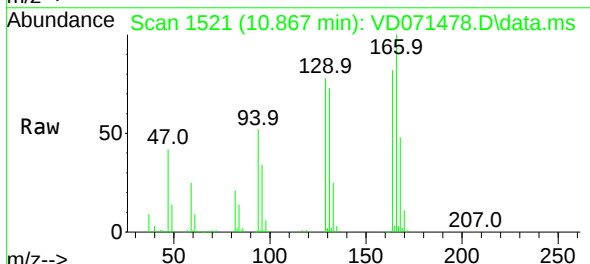
Manual Integrations
APPROVED

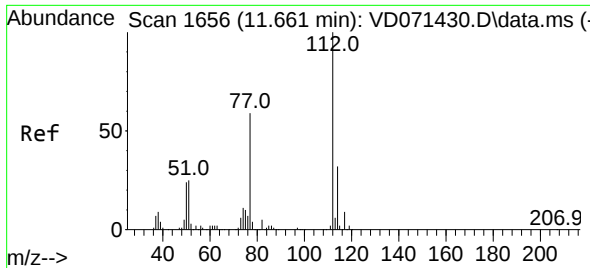
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#64
Tetrachloroethene
Concen: 48.927 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

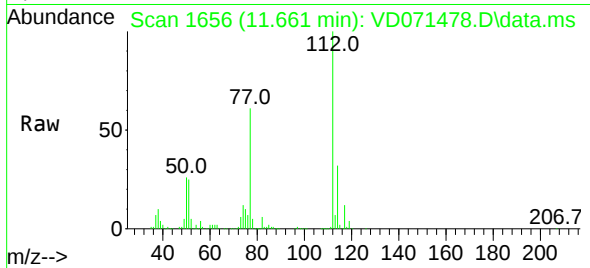
Tgt Ion:164 Resp: 206302
Ion Ratio Lower Upper
164 100
166 122.6 102.6 153.8
129 95.4 75.4 113.0
131 89.3 70.6 106.0





#65
Chlorobenzene
Concen: 50.584 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

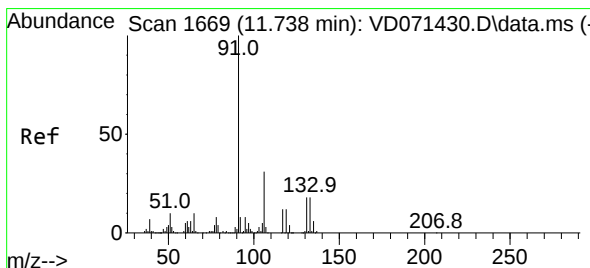
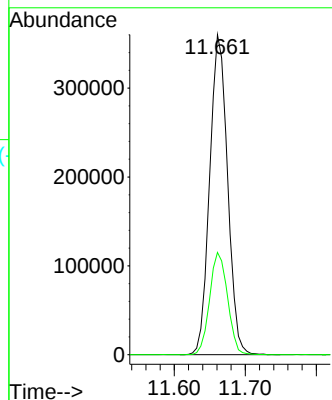
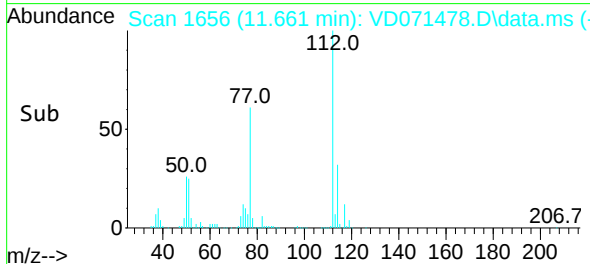
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 629580
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

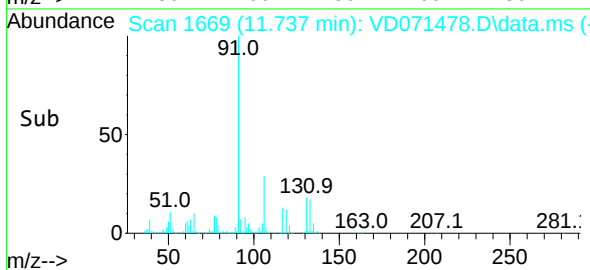
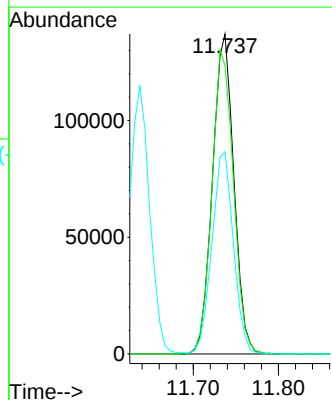
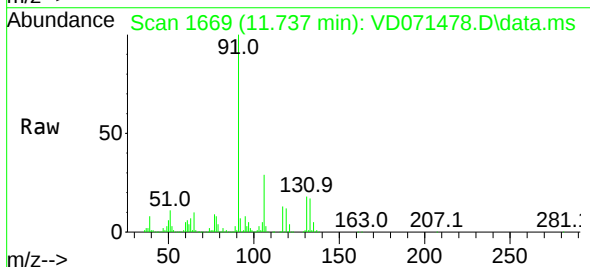
Manual Integrations
APPROVED

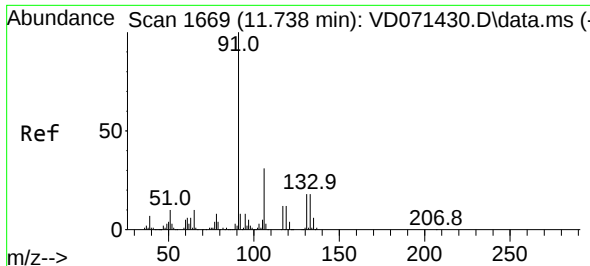
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.426 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

Tgt Ion:131 Resp: 238374
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 63.8 33.5 100.4





#67

Ethyl Benzene

Concen: 52.279 ug/l

RT: 11.737 min Scan# 1669

Delta R.T. -0.001 min

Lab File: VD071478.D

Acq: 27 Dec 2021 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1210929

Ion Ratio Lower Upper

91 100

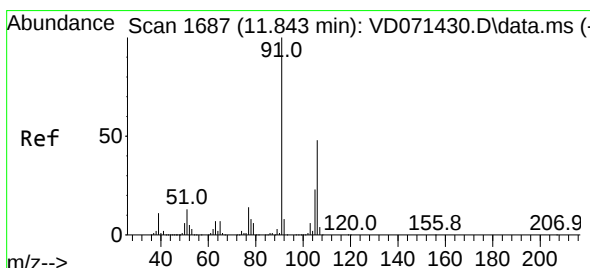
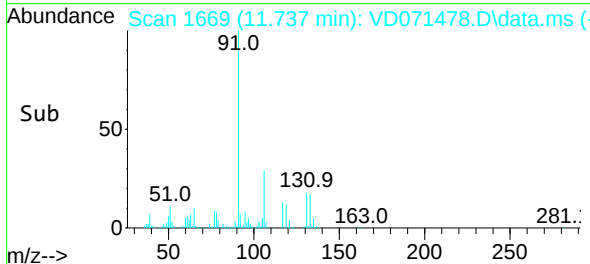
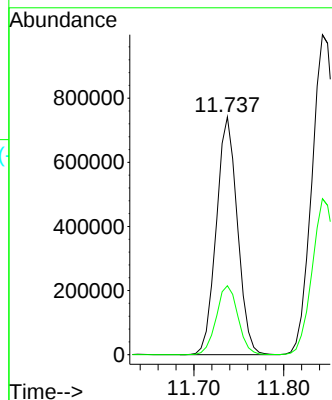
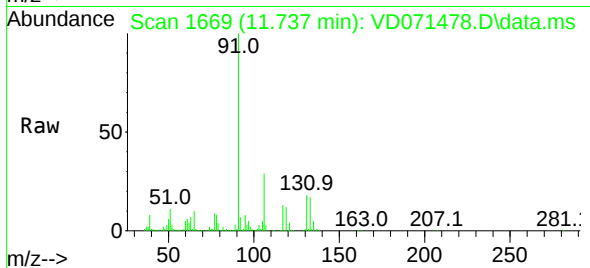
106 29.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#68

m/p-Xylenes

Concen: 103.805 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD071478.D

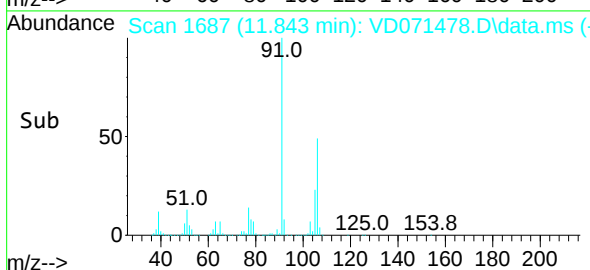
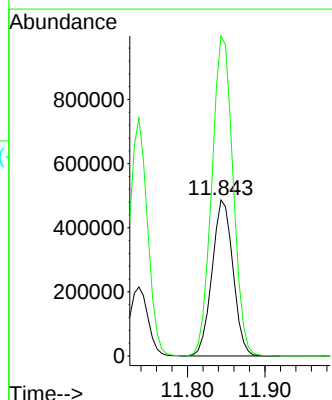
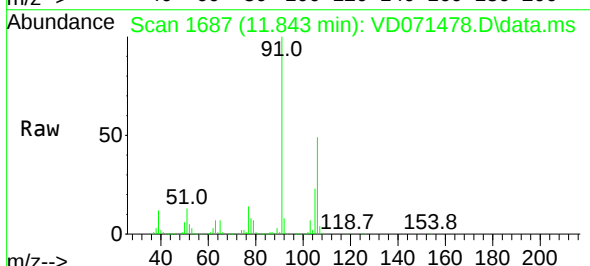
Acq: 27 Dec 2021 10:02

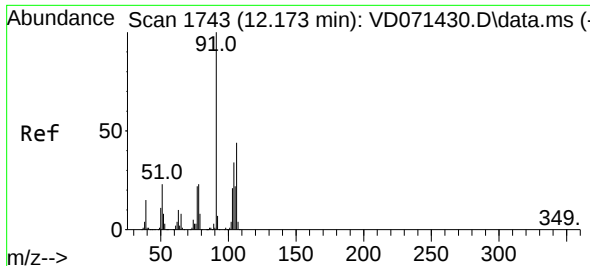
Tgt Ion:106 Resp: 913492

Ion Ratio Lower Upper

106 100

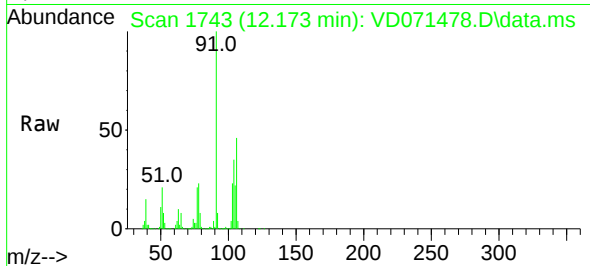
91 208.5 160.1 240.1





#69
o-Xylene
Concen: 54.113 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

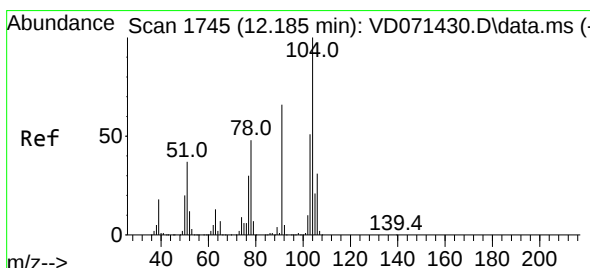
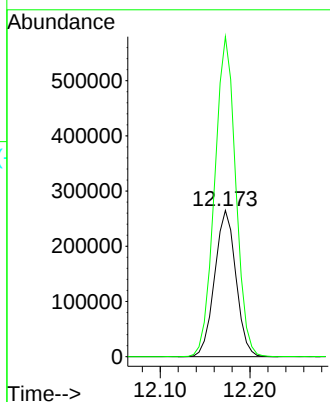
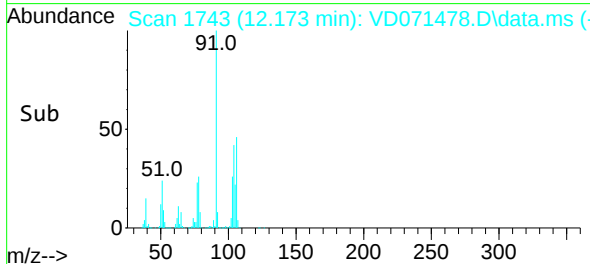
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



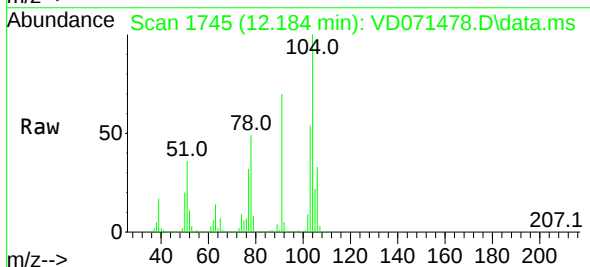
Tgt Ion:106 Resp: 435277
Ion Ratio Lower Upper
106 100
91 217.3 106.3 319.0

Manual Integrations
APPROVED

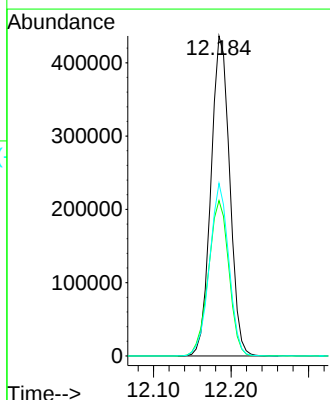
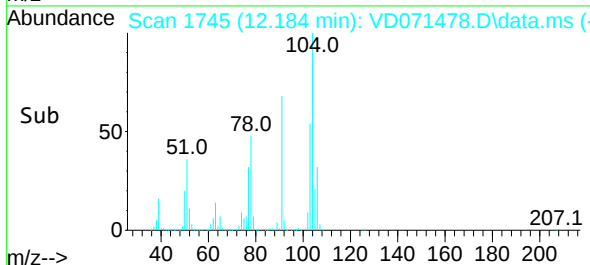
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

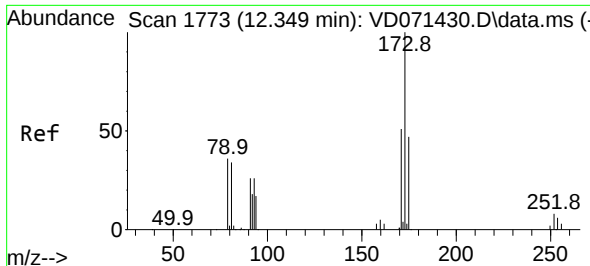


#70
Styrene
Concen: 52.629 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



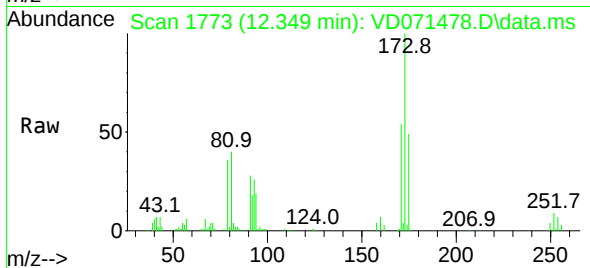
Tgt Ion:104 Resp: 735428
Ion Ratio Lower Upper
104 100
78 52.8 39.4 59.0
103 55.5 43.4 65.0





#71
Bromoform
Concen: 48.065 ug/l
RT: 12.349 min Scan# 11826
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

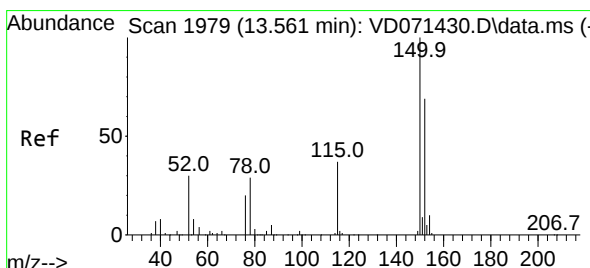
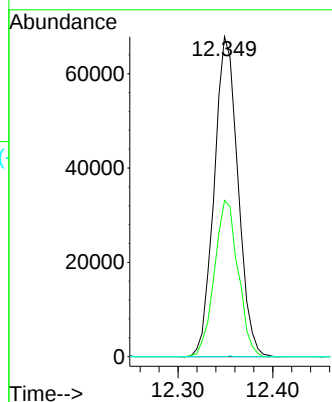
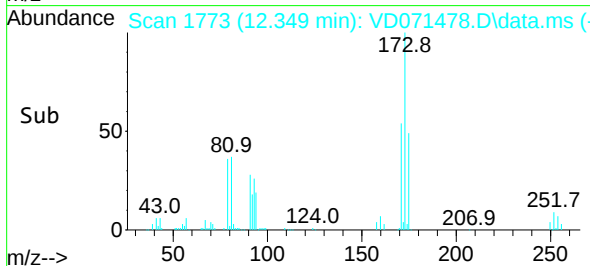
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



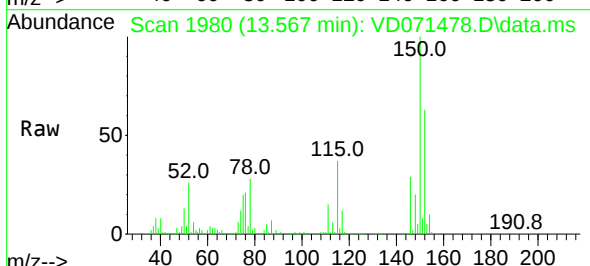
Tgt Ion:173 Resp: 11826
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

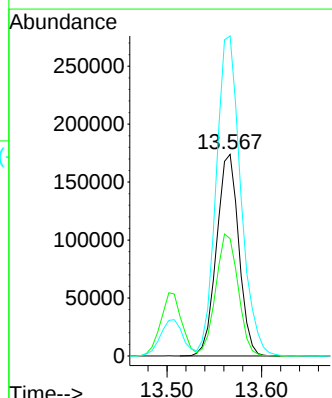
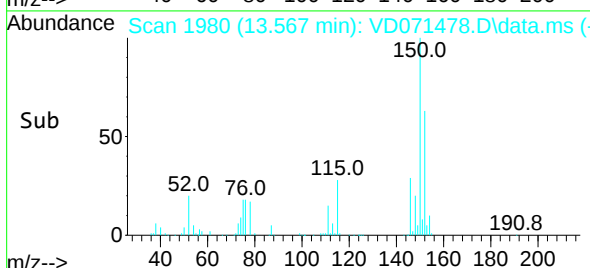
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

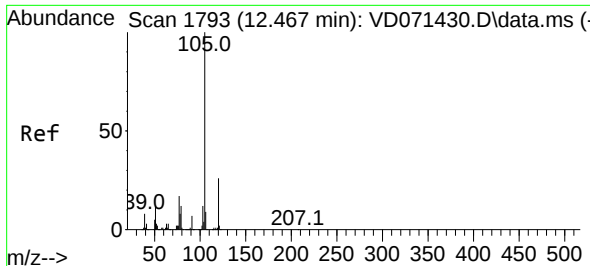


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



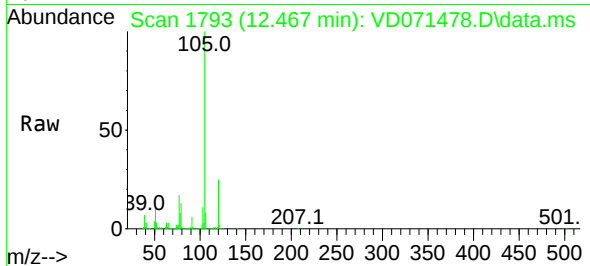
Tgt Ion:152 Resp: 283983
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 174.8 0.0 349.2





#73
Isopropylbenzene
Concen: 53.544 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

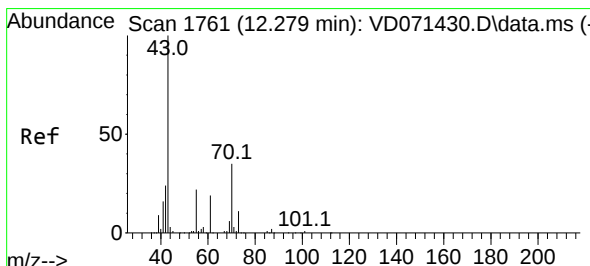
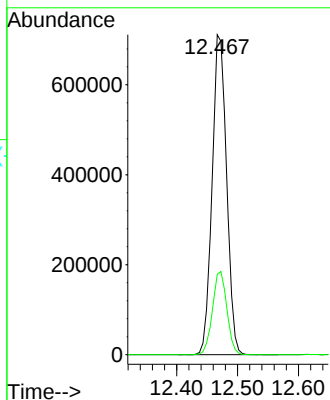
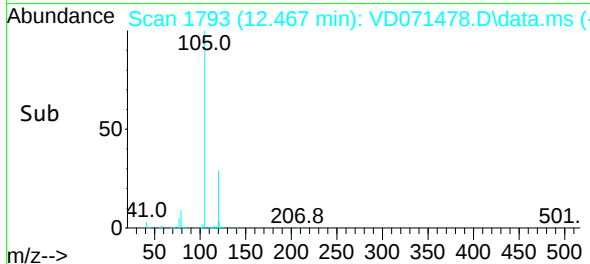
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 117229
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

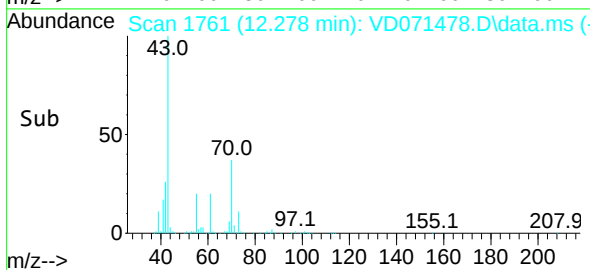
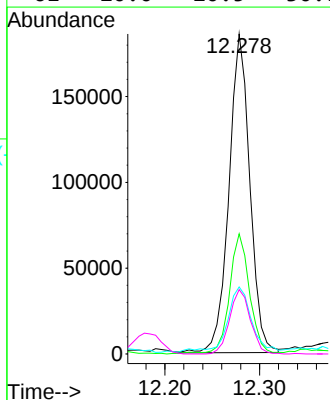
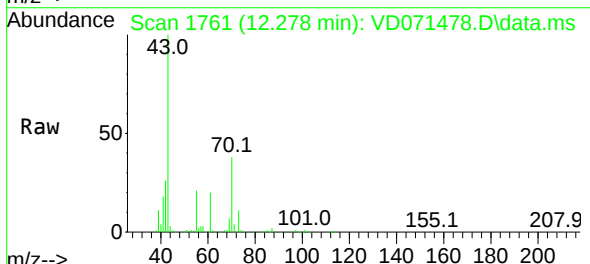
Manual Integrations
APPROVED

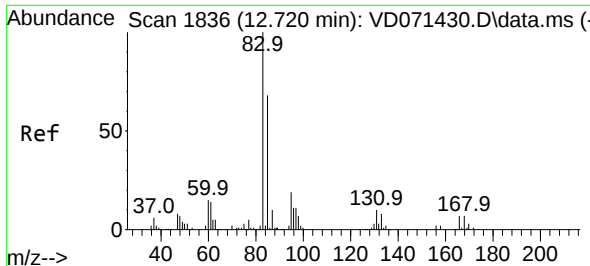
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#74
N-ethyl acetate
Concen: 48.491 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

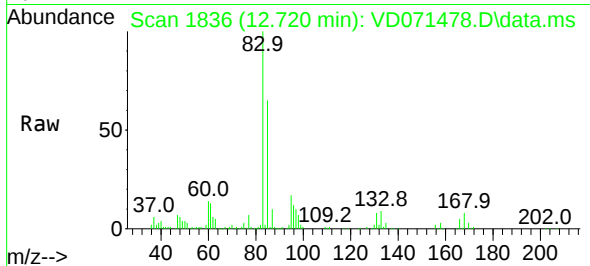
Tgt Ion: 43 Resp: 284834
Ion Ratio Lower Upper
43 100
70 36.6 36.6 55.0#
55 23.7 22.5 33.7
61 20.0 20.5 30.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 48.270 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

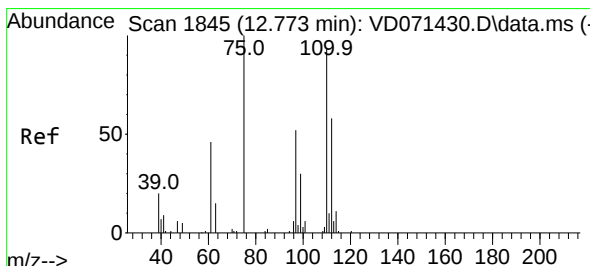
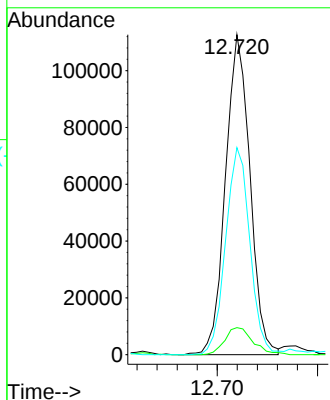
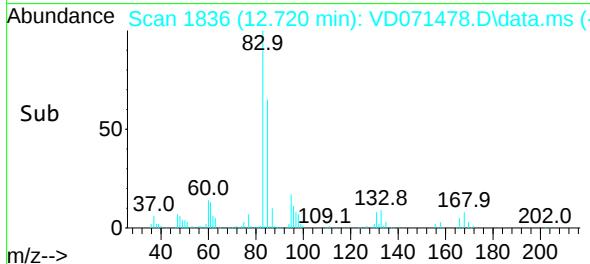
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 191068
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 64.1 32.0 96.2

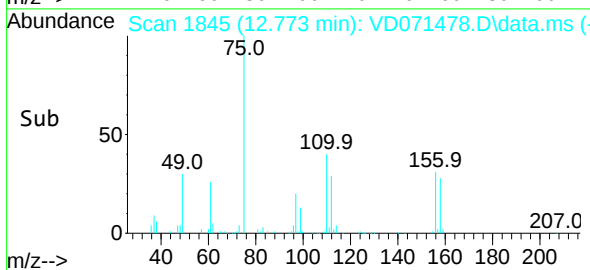
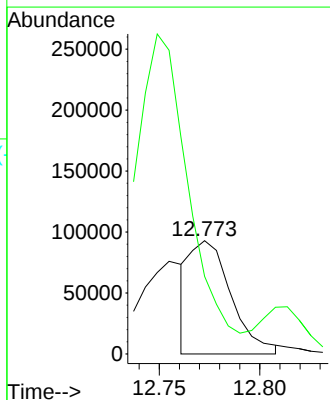
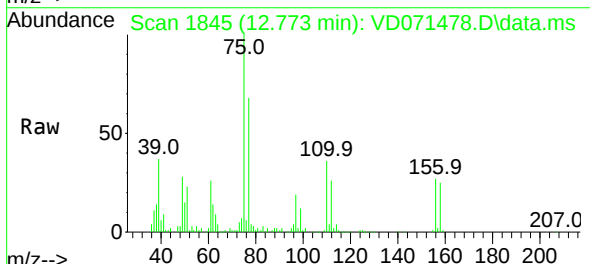
Manual Integrations
APPROVED

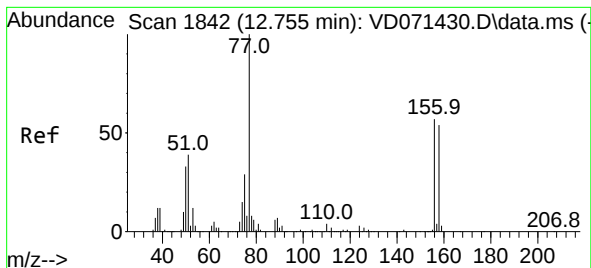
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#76
1,2,3-Trichloropropane
Concen: 39.378 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

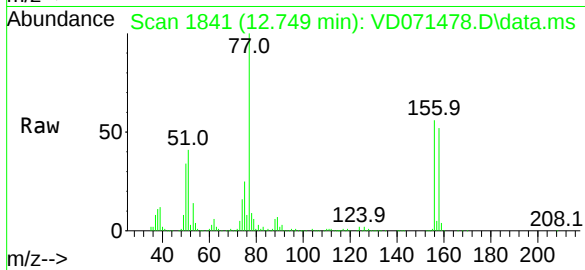
Tgt Ion: 75 Resp: 132870
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 51.782 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

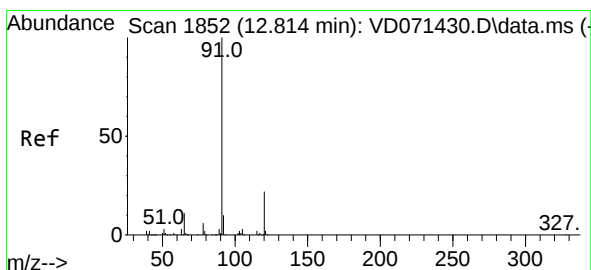
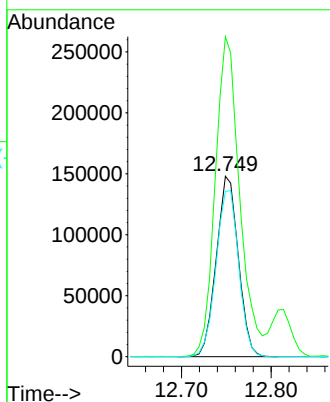
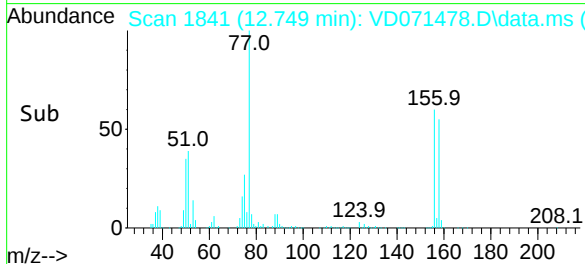
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



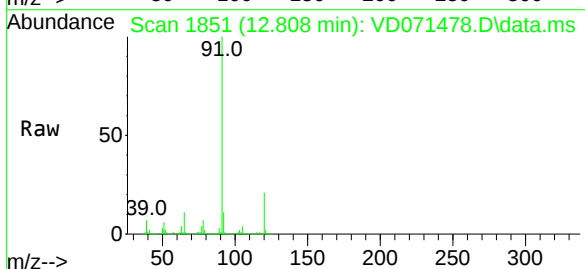
Tgt Ion:156 Resp: 252270
Ion Ratio Lower Upper
156 100
77 196.0 96.6 289.8
158 95.1 49.1 147.4

Manual Integrations
APPROVED

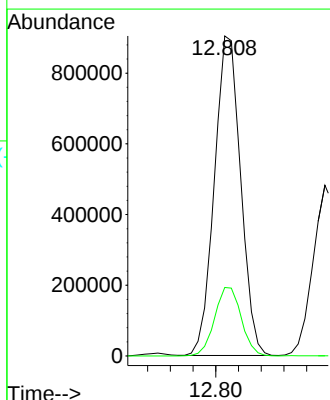
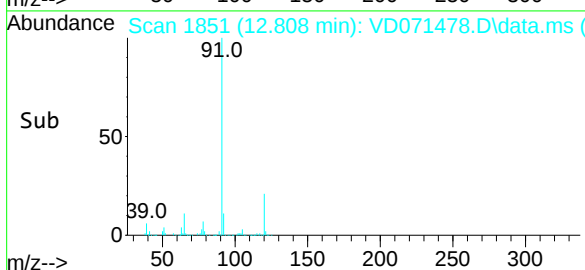
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

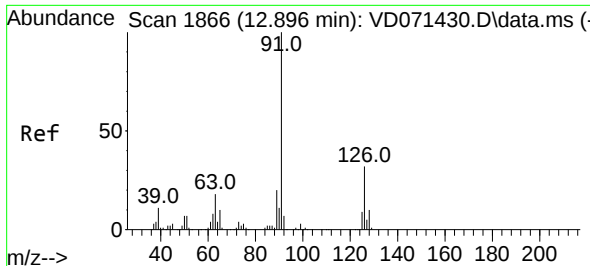


#78
n-propylbenzene
Concen: 52.908 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



Tgt Ion: 91 Resp: 1451947
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





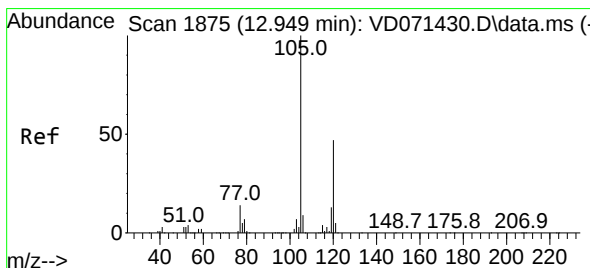
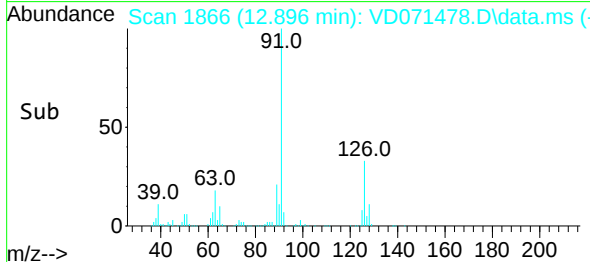
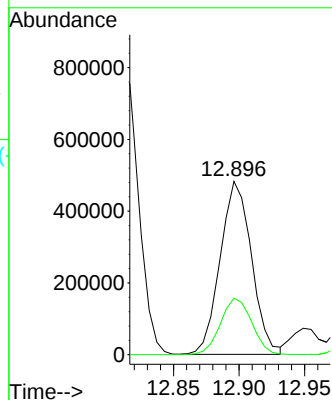
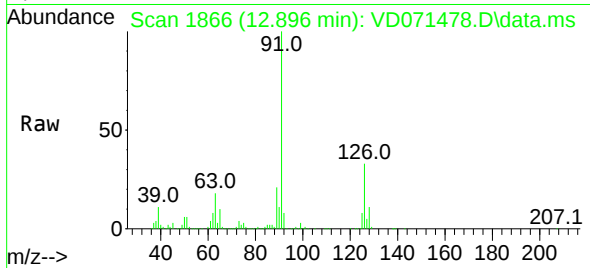
#79
2-Chlorotoluene
Concen: 52.445 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 80433
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7

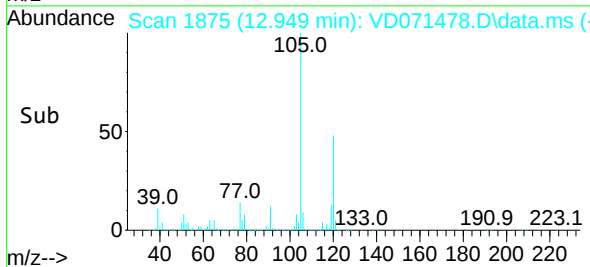
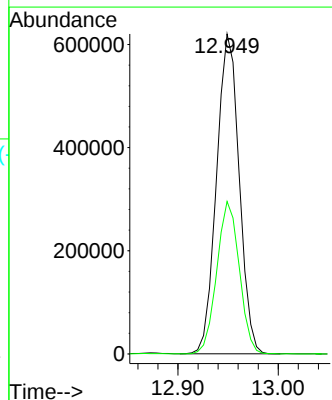
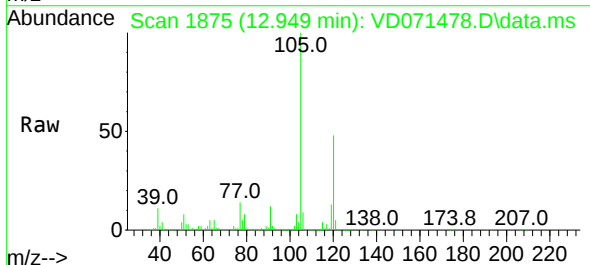
Manual Integrations
APPROVED

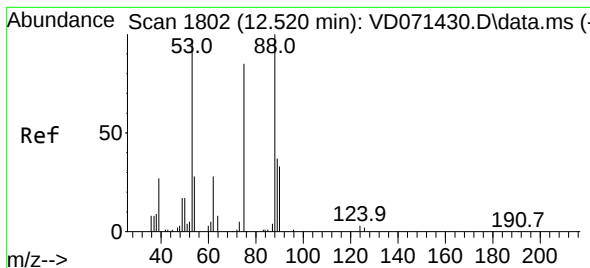
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.725 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

Tgt Ion:105 Resp: 970202
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.8





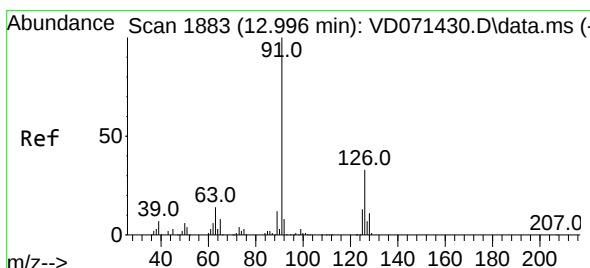
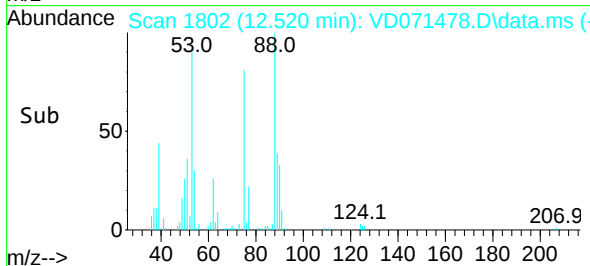
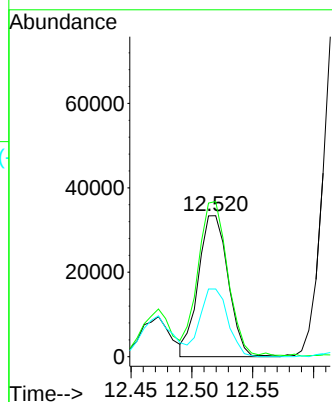
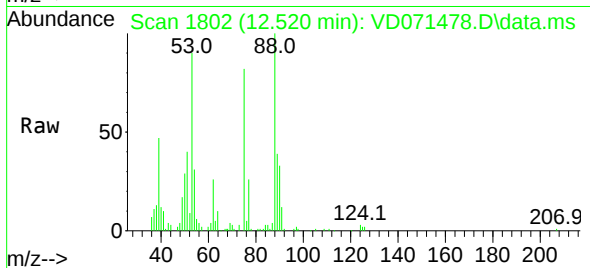
#81
trans-1,4-Dichloro-2-butene
Concen: 47.620 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5686
Ion Ratio Lower Upper
75 100
53 109.2 62.6 94.0
89 44.5 34.5 51.7

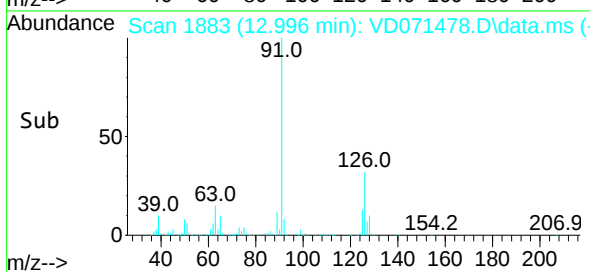
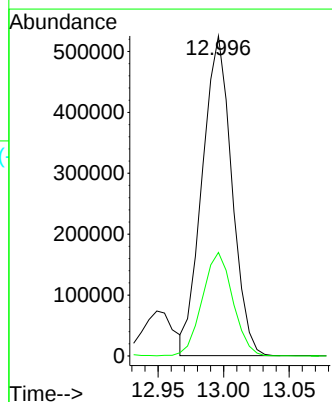
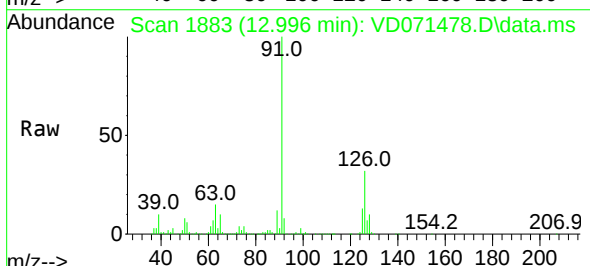
Manual Integrations
APPROVED

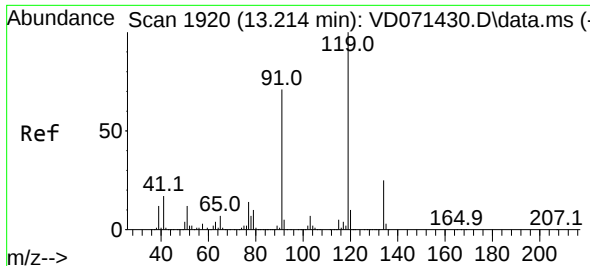
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#82
4-Chlorotoluene
Concen: 51.817 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

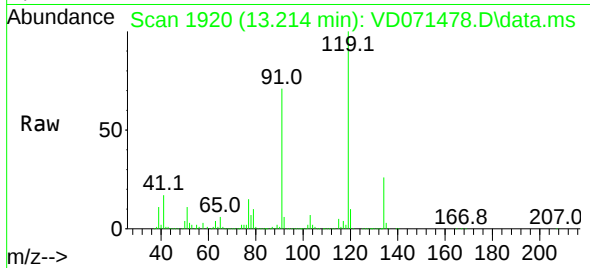
Tgt Ion: 91 Resp: 824325
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1





#83
tert-Butylbenzene
Concen: 53.947 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

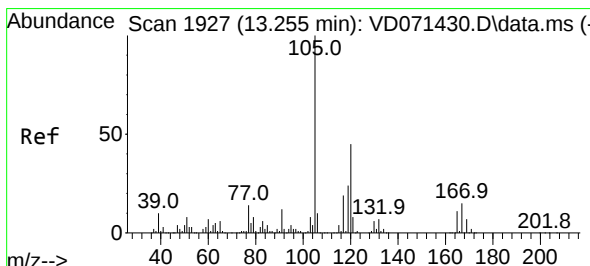
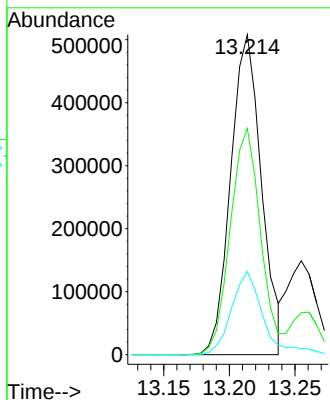
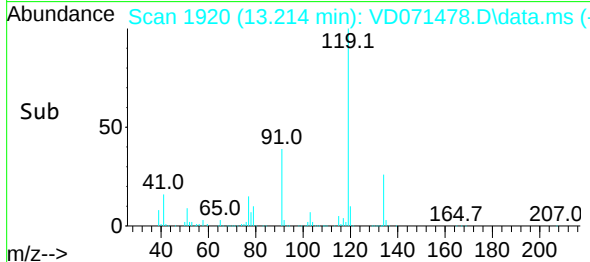
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



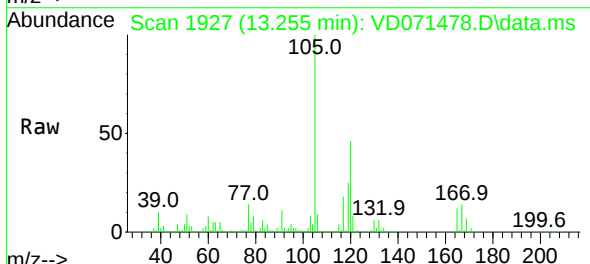
Tgt Ion:119 Resp: 832468
Ion Ratio Lower Upper
119 100
91 70.5 32.5 97.5
134 26.8 13.2 39.6

Manual Integrations
APPROVED

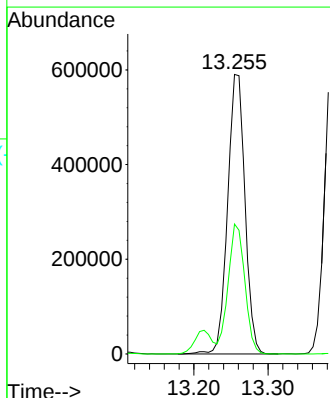
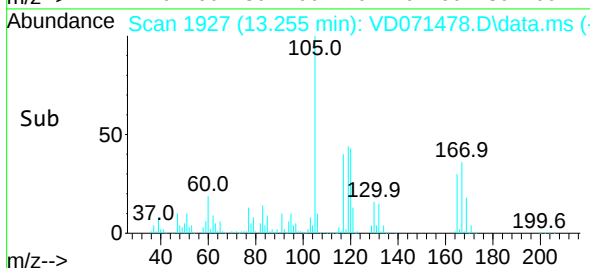
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

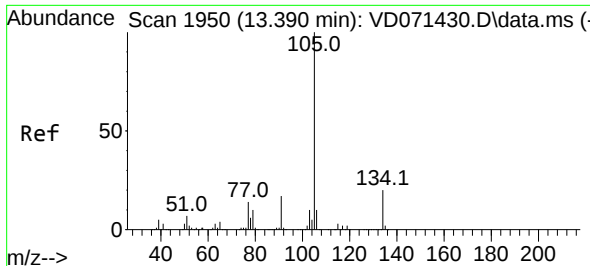


#84
1,2,4-Trimethylbenzene
Concen: 53.589 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



Tgt Ion:105 Resp: 957781
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.7





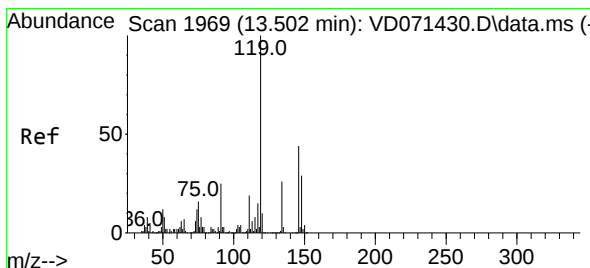
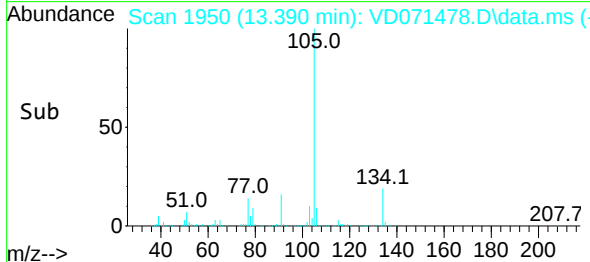
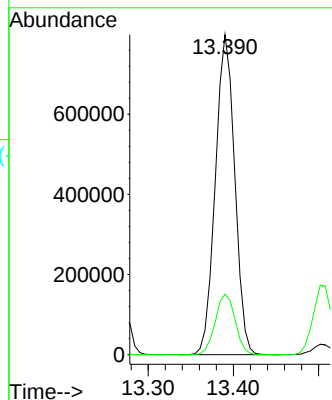
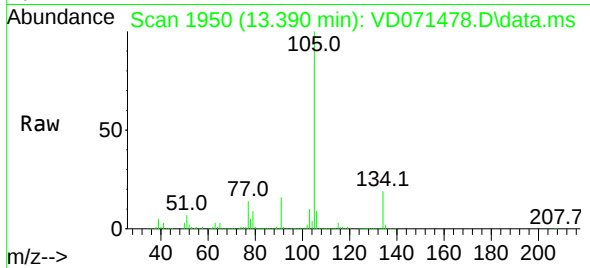
#85
 sec-Butylbenzene
 Concen: 53.573 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071478.D
 Acq: 27 Dec 2021 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1260308
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9

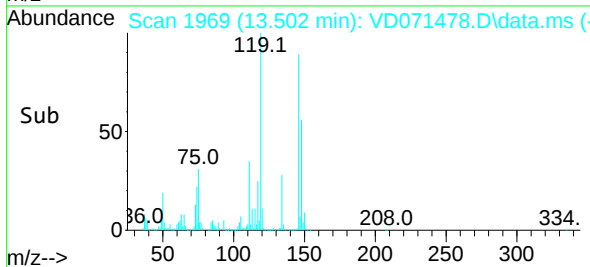
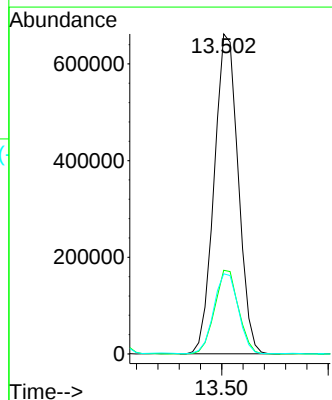
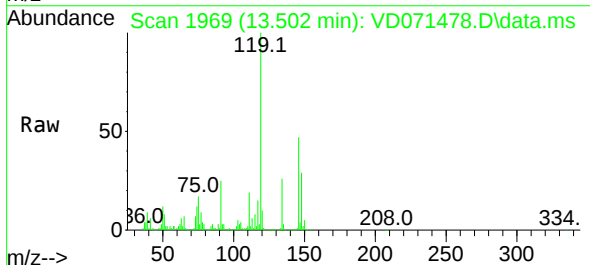
Manual Integrations
 APPROVED

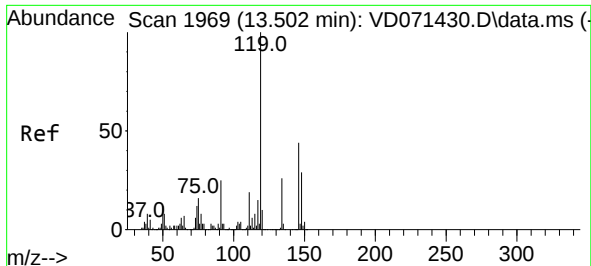
Reviewed By :Semsettin Yesilyurt 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#86
 p-Isopropyltoluene
 Concen: 52.916 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD071478.D
 Acq: 27 Dec 2021 10:02

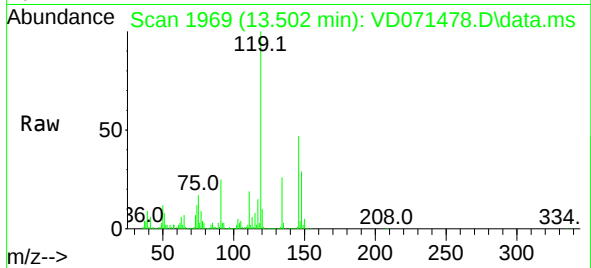
Tgt Ion:119 Resp: 1032895
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 25.5 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 50.930 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

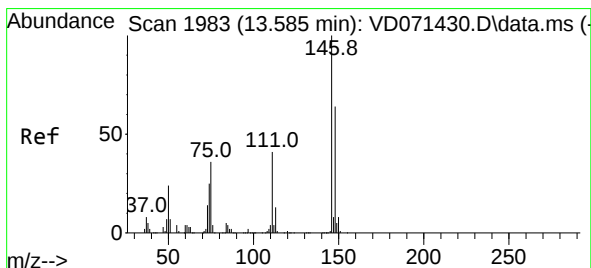
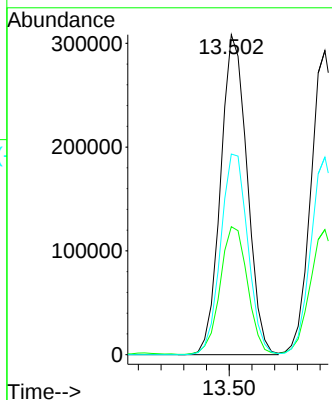
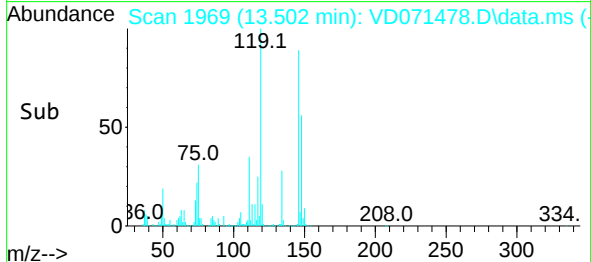
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



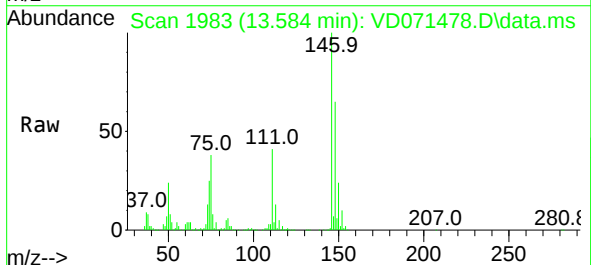
Tgt Ion:146 Resp: 49970
Ion Ratio Lower Upper
146 100
111 41.3 19.8 59.4
148 64.3 32.1 96.3

Manual Integrations
APPROVED

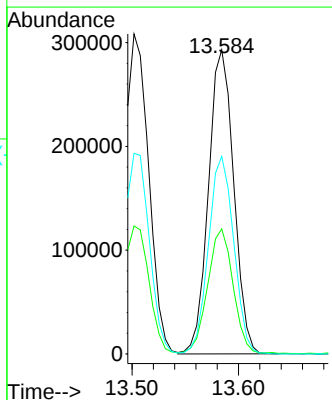
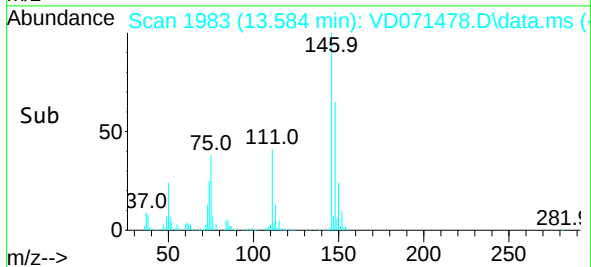
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

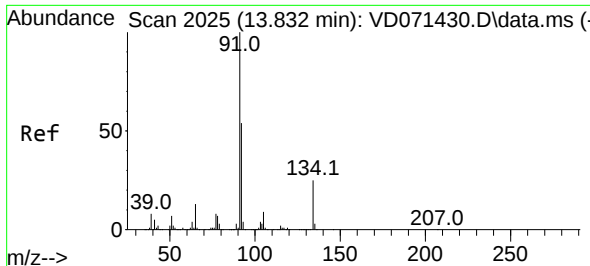


#88
1,4-Dichlorobenzene
Concen: 50.080 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



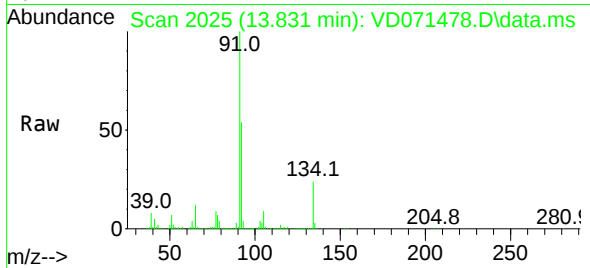
Tgt Ion:146 Resp: 481796
Ion Ratio Lower Upper
146 100
111 41.6 19.6 58.8
148 65.2 31.5 94.5





#89
n-Butylbenzene
Concen: 53.232 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

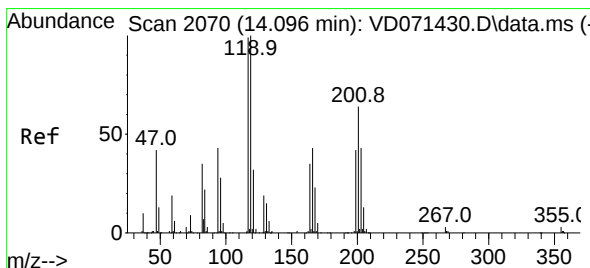
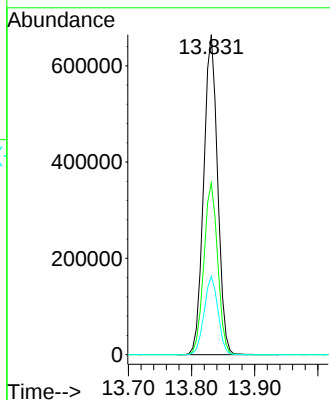
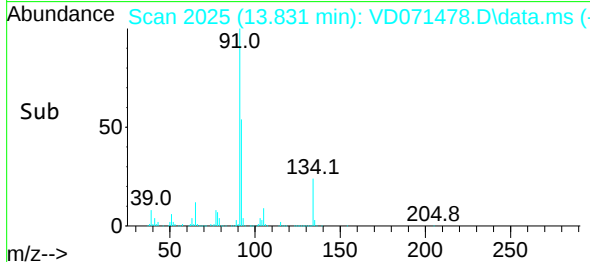
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 101985
Ion Ratio Lower Upper
91 100
92 53.3 27.3 81.9
134 24.3 12.3 36.9

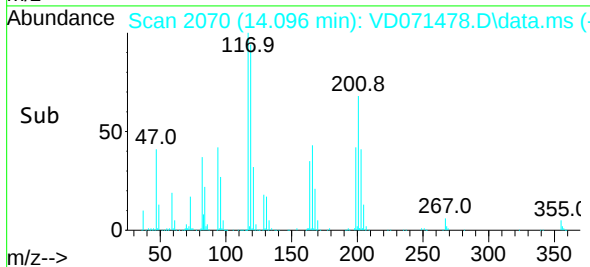
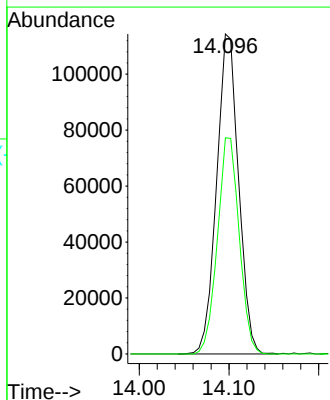
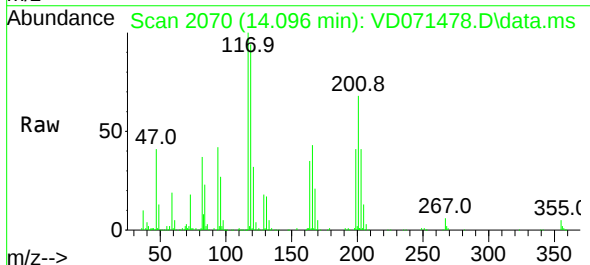
Manual Integrations
APPROVED

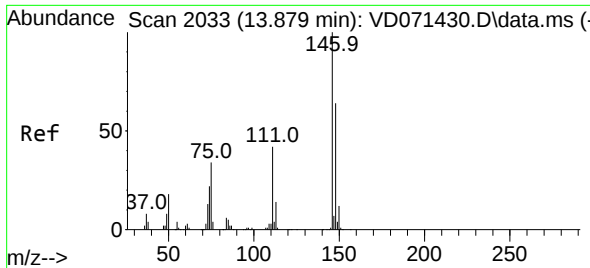
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#90
Hexachloroethane
Concen: 52.479 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

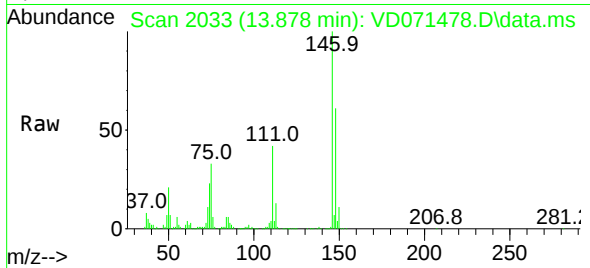
Tgt Ion:117 Resp: 194052
Ion Ratio Lower Upper
117 100
201 67.1 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 51.455 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

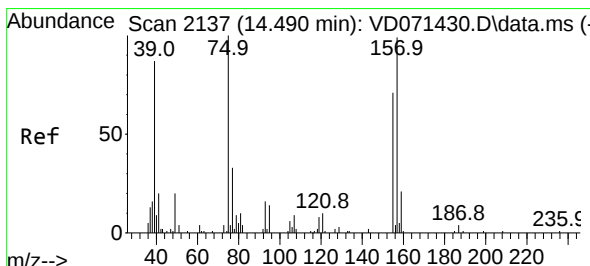
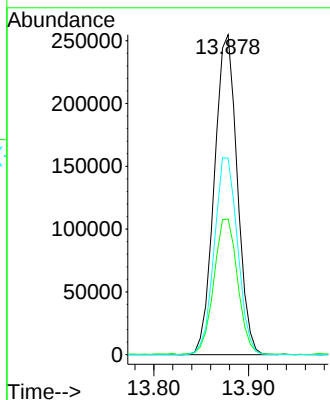
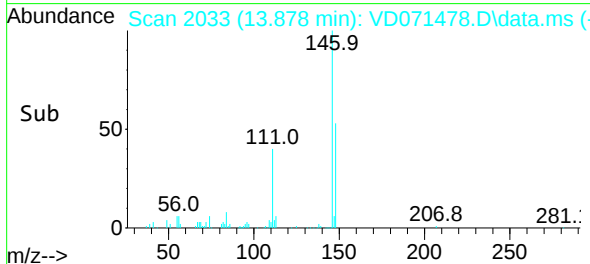
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



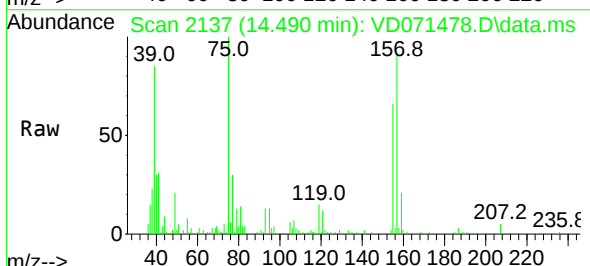
Tgt Ion:146 Resp: 42846
Ion Ratio Lower Upper
146 100
111 44.3 20.8 62.2
148 62.8 31.7 95.1

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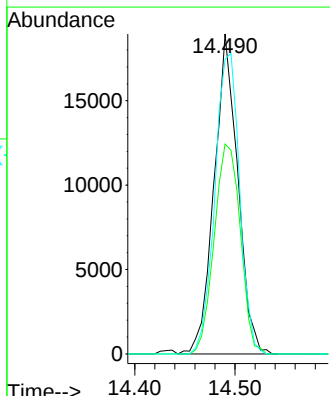
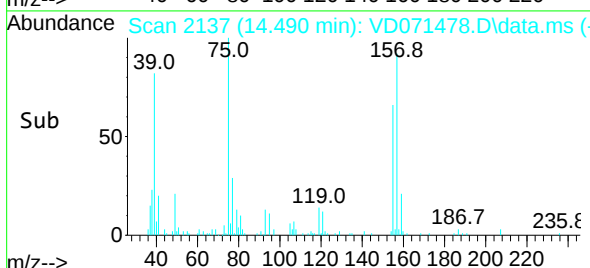
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

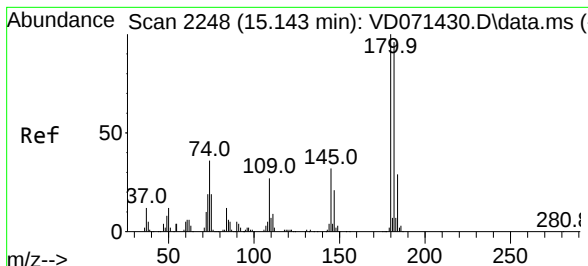


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.213 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



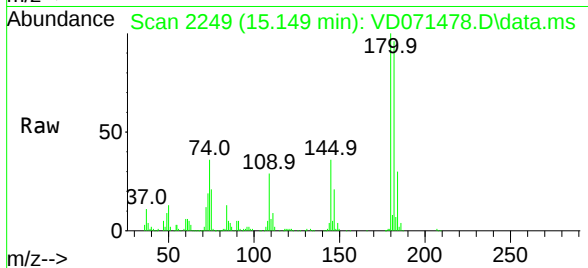
Tgt Ion: 75 Resp: 31036
Ion Ratio Lower Upper
75 100
155 72.3 40.0 120.0
157 97.7 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 51.772 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

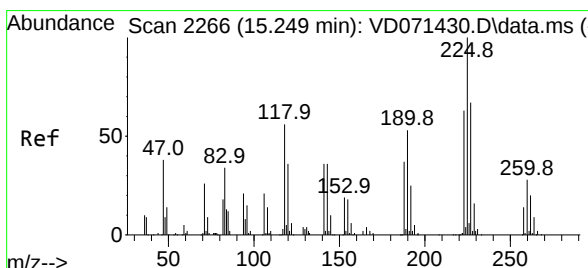
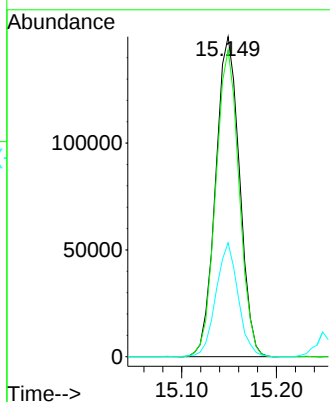
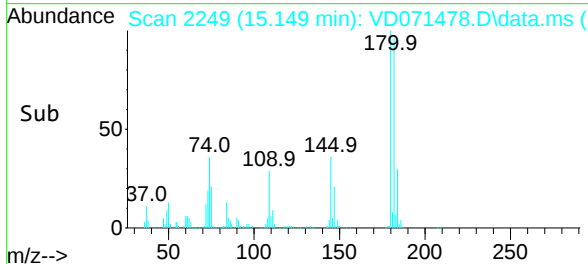
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



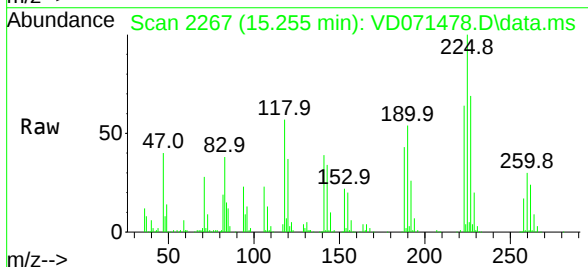
Tgt Ion:180 Resp: 26270
Ion Ratio Lower Upper
180 100
182 93.7 48.2 144.6
145 33.1 15.4 46.2

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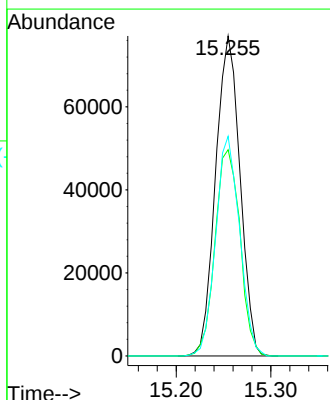
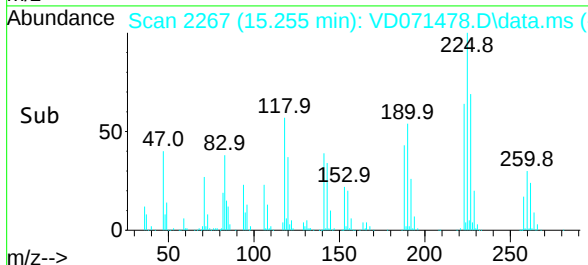
Reviewed By :Semsettin Yesilyurt 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

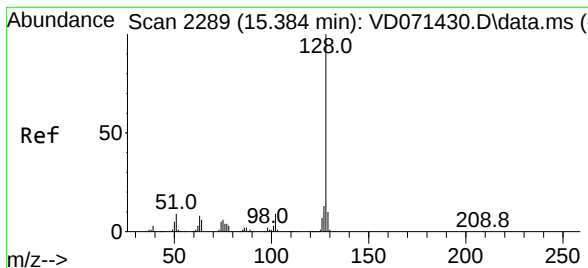


#94
Hexachlorobutadiene
Concen: 50.846 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



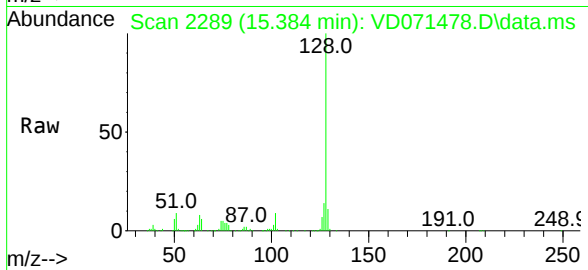
Tgt Ion:225 Resp: 138217
Ion Ratio Lower Upper
225 100
223 65.9 31.8 95.3
227 67.2 31.6 94.8





#95
Naphthalene
Concen: 48.267 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.005 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02

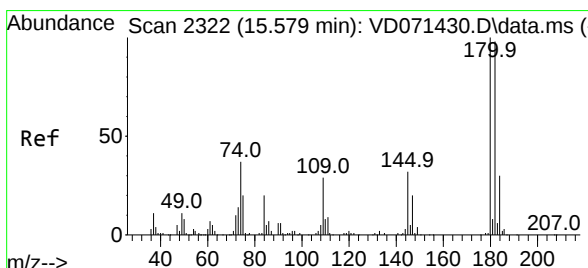
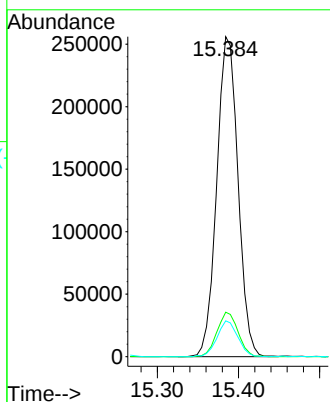
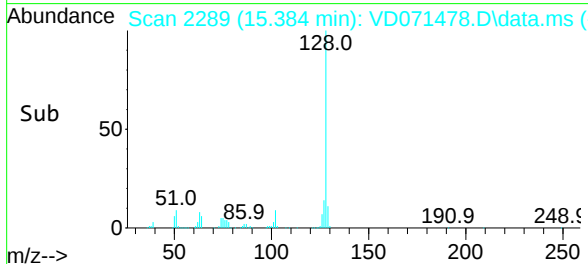
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



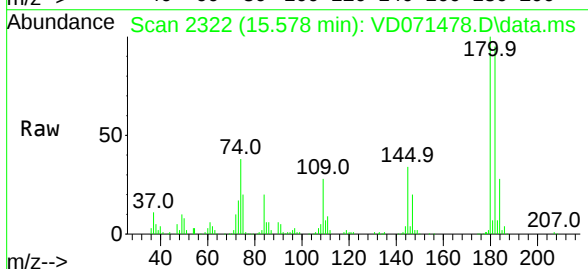
Tgt Ion:128 Resp: 466197
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.533 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.001 min
Lab File: VD071478.D
Acq: 27 Dec 2021 10:02



Tgt Ion:180 Resp: 217398
Ion Ratio Lower Upper
180 100
182 94.4 46.7 140.1
145 33.2 15.9 47.6

