

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071285.D
 Acq On : 11 Dec 2021 22:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/12/2021
 Supervised By : Amit Patel 12/13/2021

Quant Time: Dec 12 18:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	212719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	373916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	356292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151548	60.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.440%			
35) Dibromofluoromethane	7.914	113	137042	57.555	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.120%			
50) Toluene-d8	10.332	98	455442	50.263	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.620	95	177342	56.462	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	70016	38.597	ug/l	96
3) Chloromethane	2.209	50	132922	55.388	ug/l	98
4) Vinyl Chloride	2.350	62	151171	56.461	ug/l	97
5) Bromomethane	2.762	94	103726	53.742	ug/l	99
6) Chloroethane	2.920	64	114803	62.342	ug/l	95
7) Trichlorofluoromethane	3.273	101	174702	48.167	ug/l	94
8) Diethyl Ether	3.709	74	56528	57.489	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	102887	48.081	ug/l	97
10) Methyl Iodide	4.303	142	90996	37.804	ug/l	95
11) Tert butyl alcohol	5.220	59	63091	416.881	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	95749	48.487	ug/l	95
13) Acrolein	3.920	56	29237	171.408	ug/l	97
14) Allyl chloride	4.709	41	194356	51.816	ug/l #	81
15) Acrylonitrile	5.420	53	175474	366.947	ug/l	97
16) Acetone	4.150	43	184782	275.249	ug/l #	83
17) Carbon Disulfide	4.409	76	250341	43.299	ug/l	96
18) Methyl Acetate	4.714	43	147008	79.826	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	303061	62.621	ug/l	97
20) Methylene Chloride	4.956	84	145503	58.477	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	113894	51.236	ug/l	88
22) Diisopropyl ether	6.361	45	445424	59.270	ug/l	93
23) Vinyl Acetate	6.303	43	1076425	263.252	ug/l	97
24) 1,1-Dichloroethane	6.261	63	242147	56.020	ug/l	100
25) 2-Butanone	7.208	43	239086	305.260	ug/l #	85
26) 2,2-Dichloropropane	7.208	77	178260	45.352	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	140289	55.784	ug/l	92
28) Bromochloromethane	7.544	49	108083	57.569	ug/l	91
29) Tetrahydrofuran	7.561	42	147975	373.352	ug/l	94
30) Chloroform	7.708	83	257009	59.245	ug/l	98
31) Cyclohexane	7.985	56	187692	44.208	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	207632	53.310	ug/l	95
36) 1,1-Dichloropropene	8.108	75	172007	49.219	ug/l	96
37) Ethyl Acetate	7.285	43	98875	65.498	ug/l #	91
38) Carbon Tetrachloride	8.091	117	178148	51.713	ug/l	94
39) Methylcyclohexane	9.355	83	184604	43.918	ug/l	97
40) Benzene	8.350	78	501378	52.817	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	51765	65.969	ug/l	88
42) 1,2-Dichloroethane	8.420	62	176356	60.863	ug/l	95
43) Isopropyl Acetate	8.450	43	189218	56.237	ug/l #	89
44) Trichloroethene	9.108	130	128517	50.777	ug/l	94
45) 1,2-Dichloropropane	9.379	63	138757	55.583	ug/l	98
46) Dibromomethane	9.473	93	77149	59.566	ug/l	94
47) Bromodichloromethane	9.661	83	200807	58.626	ug/l	98
48) Methyl methacrylate	9.450	41	88841	60.123	ug/l #	79
49) 1,4-Dioxane	9.455	88	18609	1488.428	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	550237	314.258	ug/l	90
52) Toluene	10.397	92	318695	52.913	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	177740	56.440	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	204209	54.590	ug/l #	82
55) 1,1,2-Trichloroethane	10.791	97	108571	63.900	ug/l	94
56) Ethyl methacrylate	10.655	69	138525	55.841	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	187514	62.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	310199	268.293	ug/l	100
59) 2-Hexanone	10.979	43	381613	290.946	ug/l	87
60) Dibromochloromethane	11.132	129	132130	62.570	ug/l	97
61) 1,2-Dibromoethane	11.238	107	102607	62.879	ug/l	100
64) Tetrachloroethene	10.873	164	109540	48.428	ug/l	96
65) Chlorobenzene	11.661	112	344052	52.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	132938	55.076	ug/l	98
67) Ethyl Benzene	11.738	91	624922	50.215	ug/l	99
68) m/p-Xylenes	11.844	106	473209	100.718	ug/l	95
69) o-Xylene	12.173	106	227423	51.501	ug/l	95
70) Styrene	12.185	104	401198	53.907	ug/l	97
71) Bromoform	12.349	173	78606	62.861	ug/l #	97
73) Isopropylbenzene	12.467	105	599413	44.813	ug/l	99
74) N-amyl acetate	12.279	43	179065	49.022	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	131590	59.739	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	104502m	59.375	ug/l	
77) Bromobenzene	12.749	156	141557	48.860	ug/l	97
78) n-propylbenzene	12.808	91	750857	45.076	ug/l	100
79) 2-Chlorotoluene	12.896	91	434221	46.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	517116	46.882	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	34165	45.933	ug/l #	78
82) 4-Chlorotoluene	12.996	91	450421	46.407	ug/l	98
83) tert-Butylbenzene	13.214	119	437600	46.196	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	523173	48.583	ug/l	98
85) sec-Butylbenzene	13.390	105	658235	45.496	ug/l	100
86) p-Isopropyltoluene	13.502	119	553035	46.735	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	287736	49.891	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	283963	49.696	ug/l	100
89) n-Butylbenzene	13.832	91	534752	46.293	ug/l	98
90) Hexachloroethane	14.096	117	107255	47.813	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	252050	51.391	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	22805	63.574	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	147362	48.168	ug/l	99
94) Hexachlorobutadiene	15.249	225	78532	45.368	ug/l	99
95) Naphthalene	15.384	128	329790	61.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	132493	50.990	ug/l	97

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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

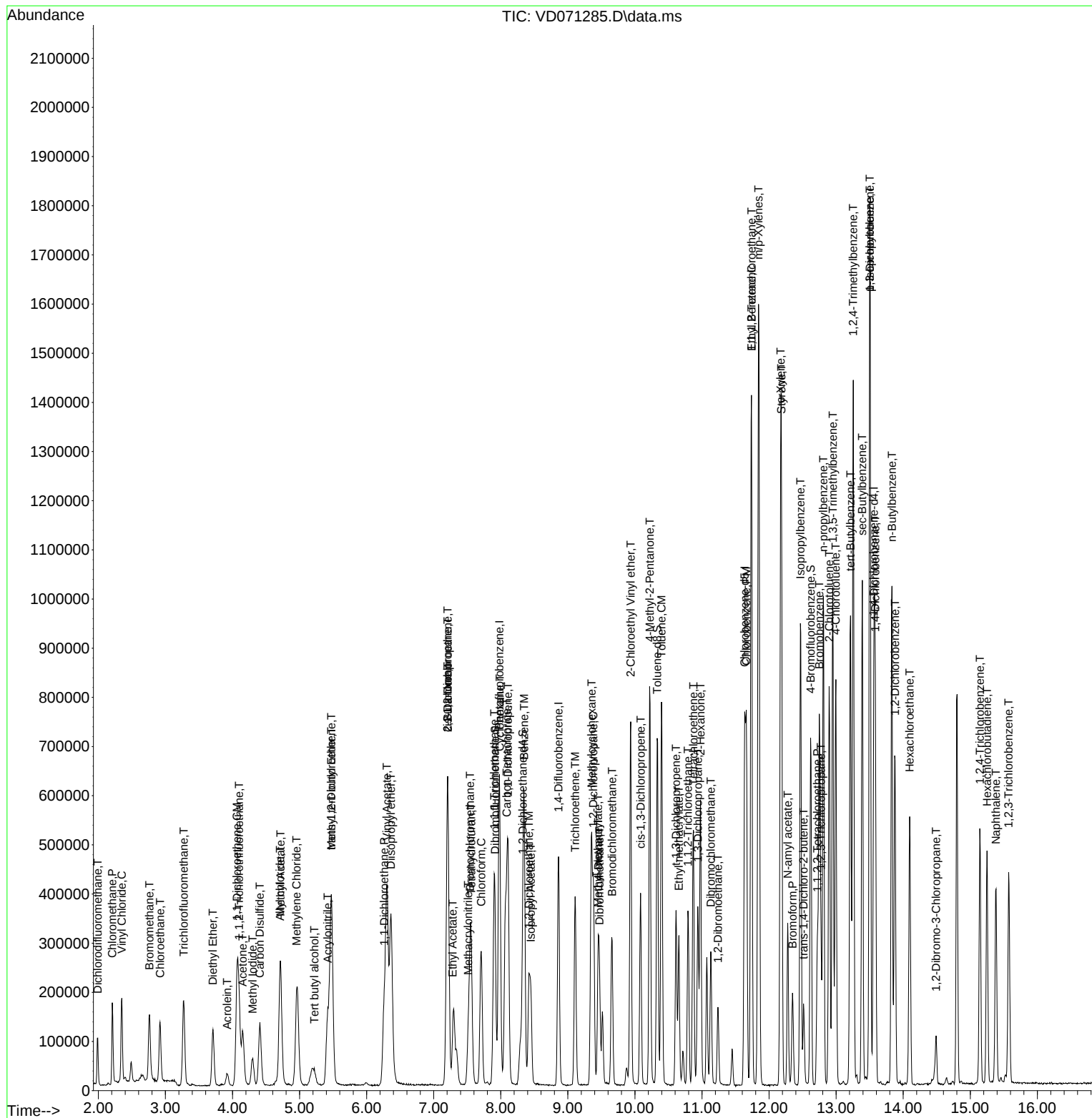
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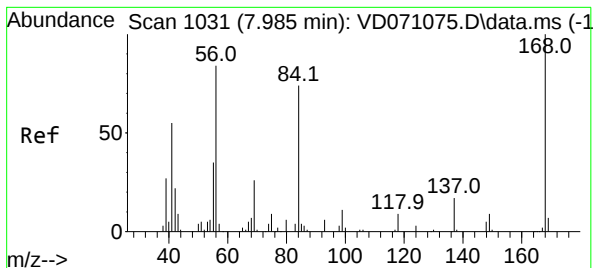
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 212719

Ion Ratio Lower Upper

168 100

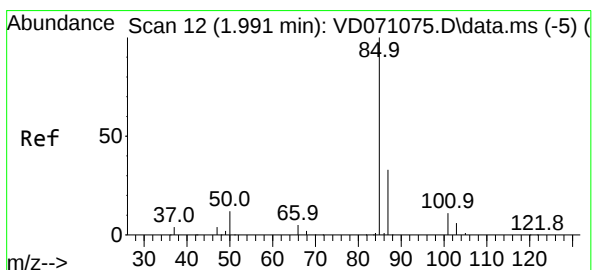
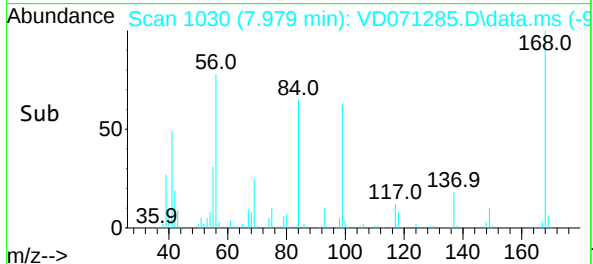
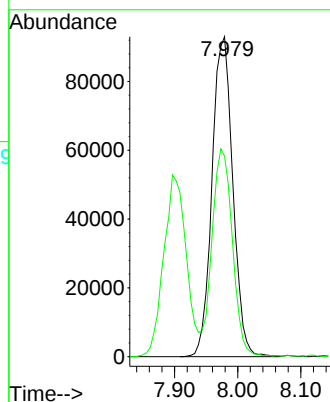
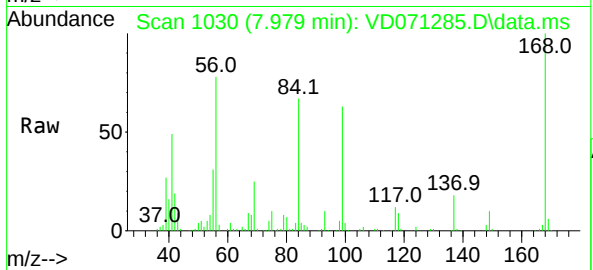
99 62.5 46.6 69.8

Manual Integrations

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Supervised By :Amit Patel 12/13/2021



#2

Dichlorodifluoromethane

Concen: 38.597 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD071285.D

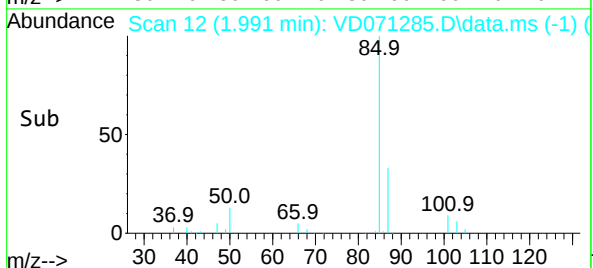
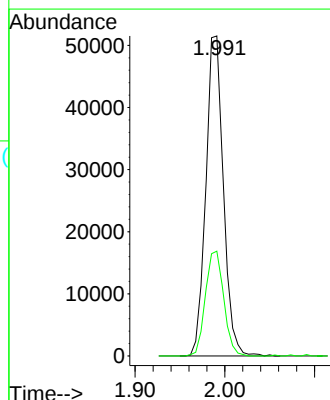
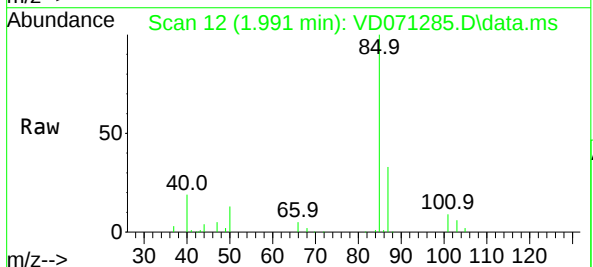
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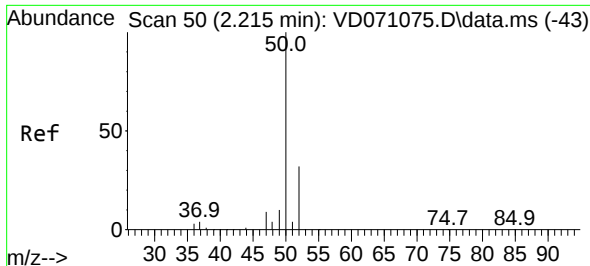
Tgt Ion: 85 Resp: 70016

Ion Ratio Lower Upper

85 100

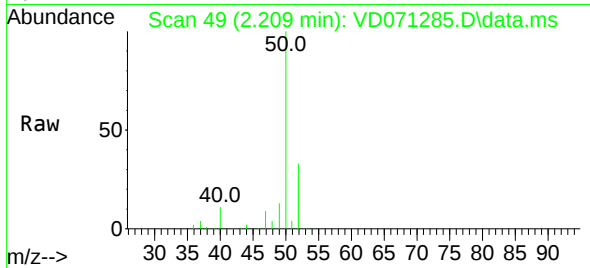
87 32.7 15.2 45.6





#3
Chloromethane
Concen: 55.388 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

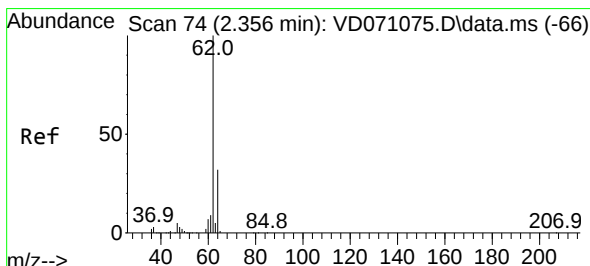
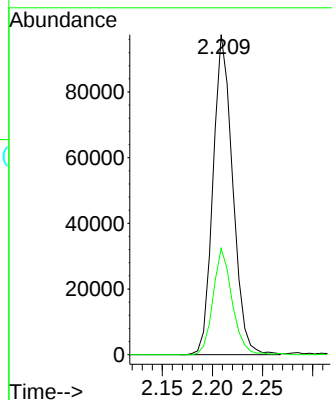
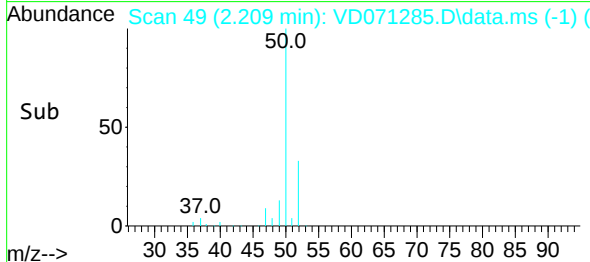
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 13292
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8

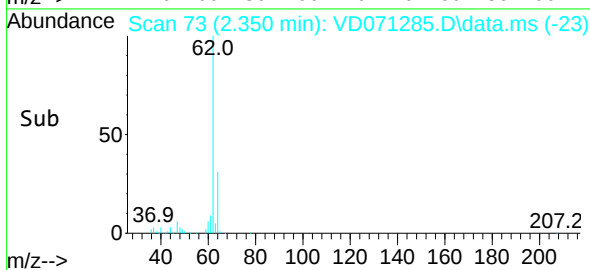
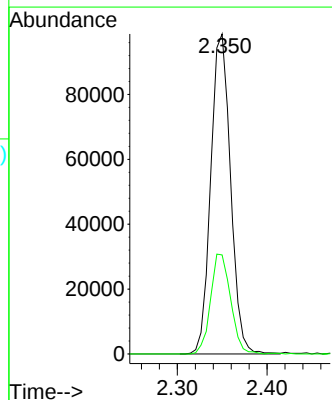
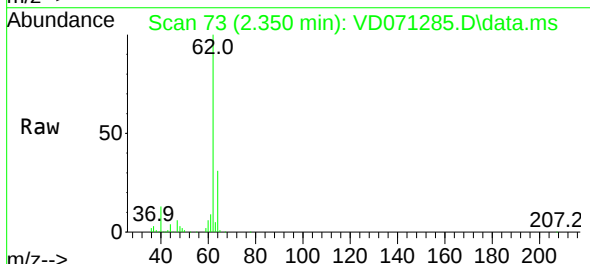
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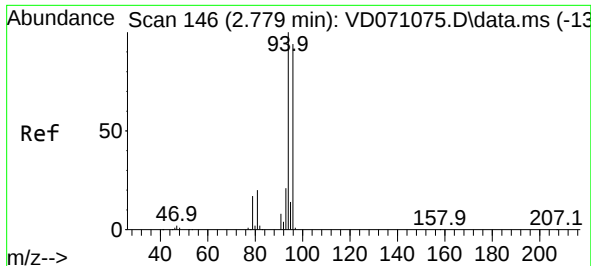
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#4
Vinyl Chloride
Concen: 56.461 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

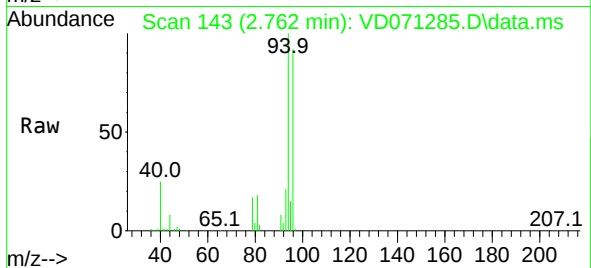
Tgt Ion: 62 Resp: 151171
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





#5
Bromomethane
Concen: 53.742 ug/l
RT: 2.762 min Scan# 146
Delta R.T. -0.017 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

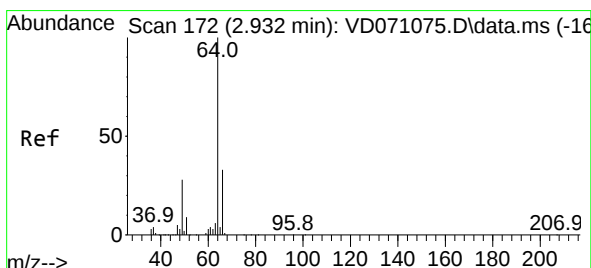
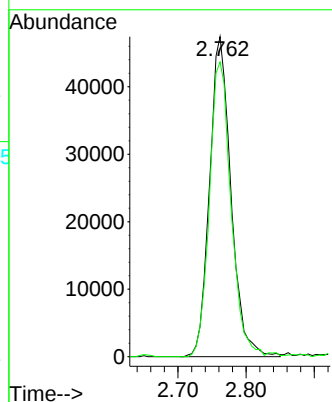
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 103720
Ion Ratio Lower Upper
94 100
96 92.1 74.8 112.2

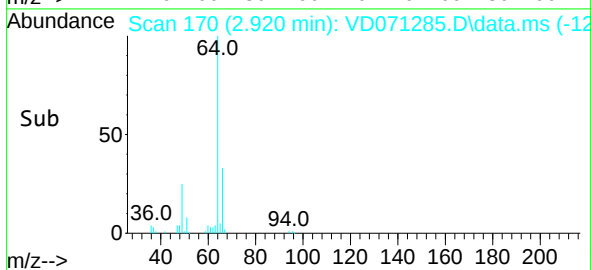
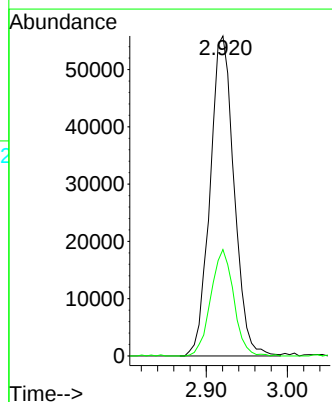
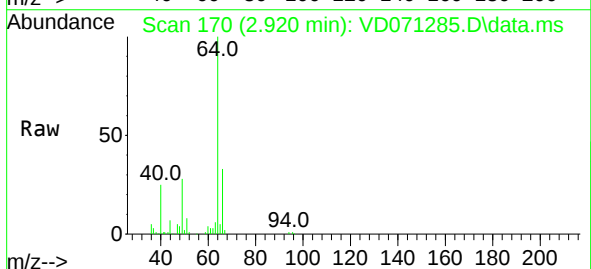
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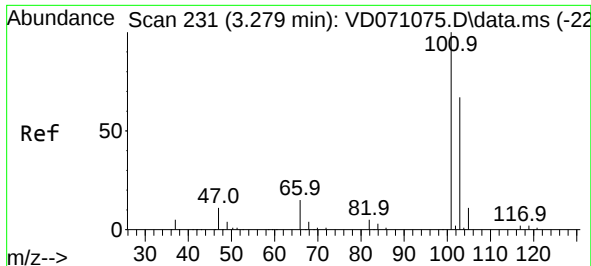
Reviewed By :Semsettin Yesilyurt 12/12/2021
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#6
Chloroethane
Concen: 62.342 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.012 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Tgt Ion: 64 Resp: 114803
Ion Ratio Lower Upper
64 100
66 33.3 29.0 43.4





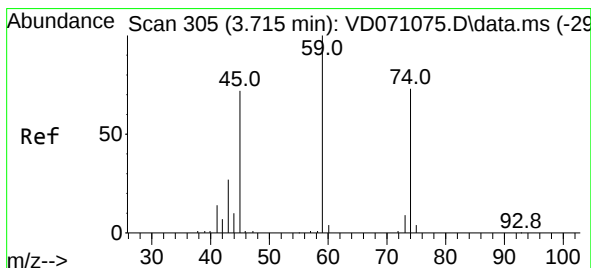
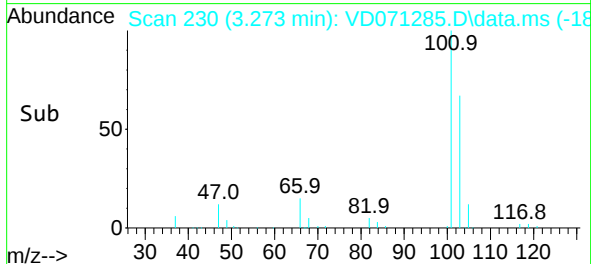
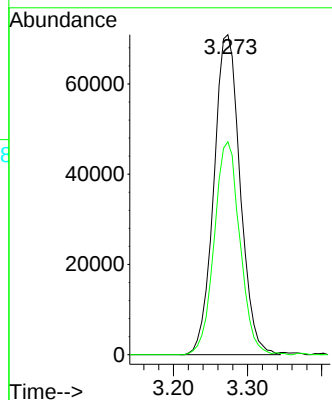
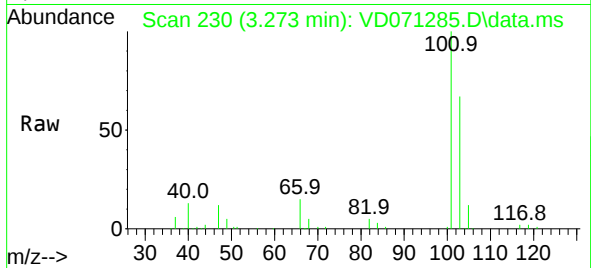
#7
Trichlorofluoromethane
Concen: 48.167 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 17470
Ion Ratio Lower Upper
101 100
103 66.6 49.7 74.5

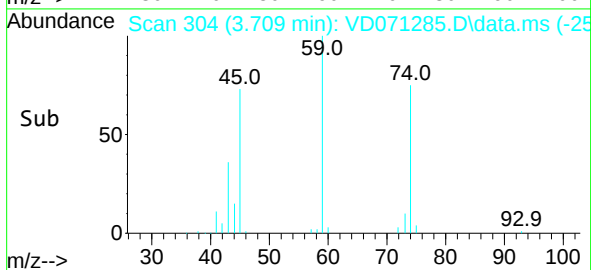
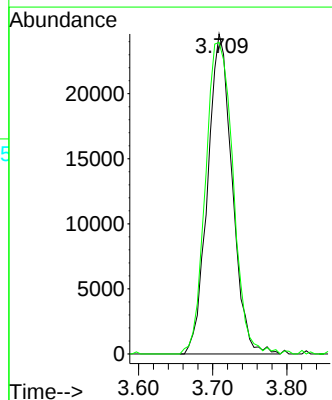
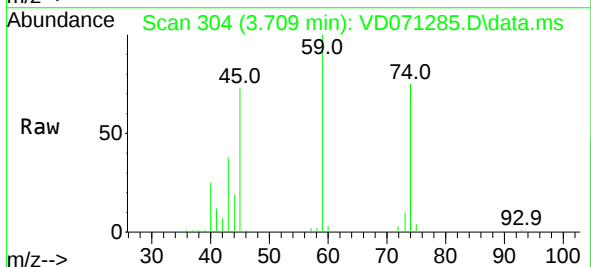
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#8
Diethyl Ether
Concen: 57.489 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Tgt Ion: 74 Resp: 56528
Ion Ratio Lower Upper
74 100
45 109.6 49.6 149.0





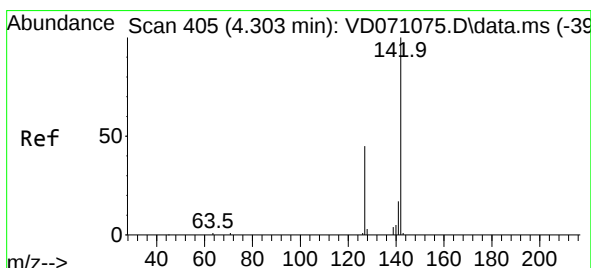
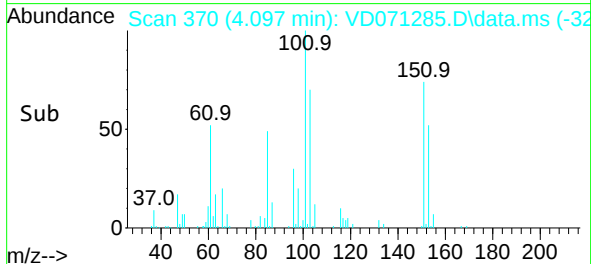
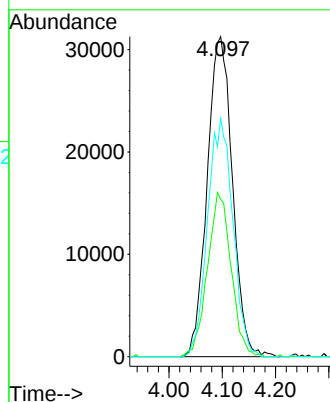
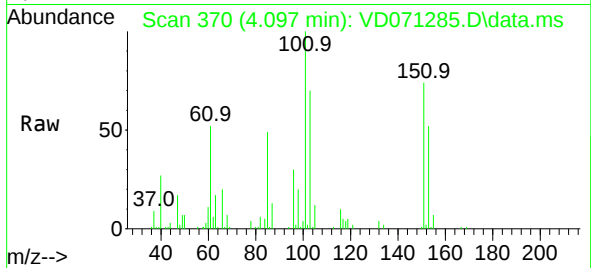
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.081 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10288
Ion Ratio Lower Upper
101 100
85 48.1 34.8 52.2
151 74.7 60.4 90.6

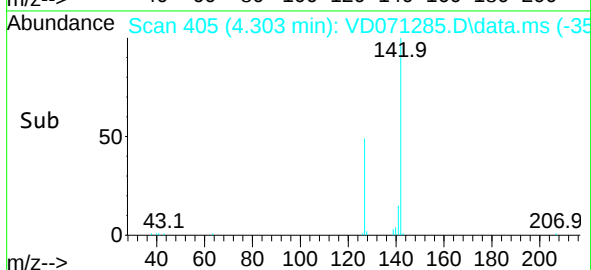
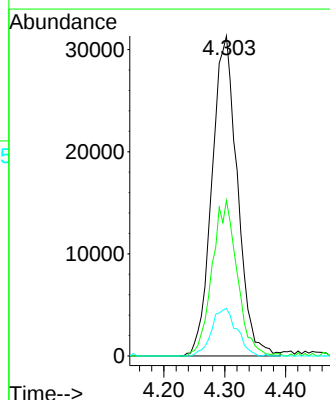
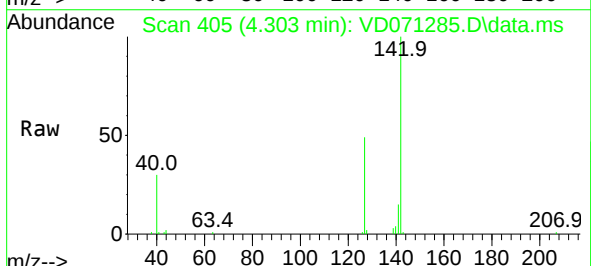
Manual Integrations
APPROVED

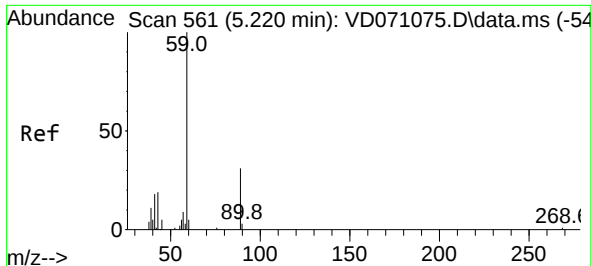
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#10
Methyl Iodide
Concen: 37.804 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

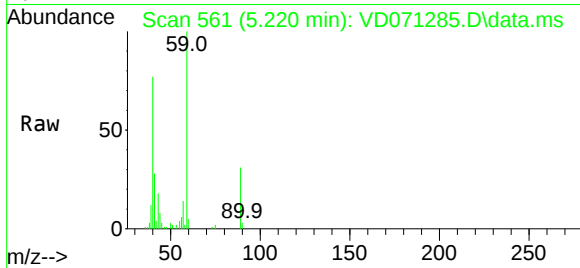
Tgt Ion:142 Resp: 90996
Ion Ratio Lower Upper
142 100
127 47.6 35.0 52.4
141 14.7 12.0 18.0





#11
Tert butyl alcohol
Concen: 416.881 ug/l
RT: 5.220 min Scan# 509
Delta R.T. 0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

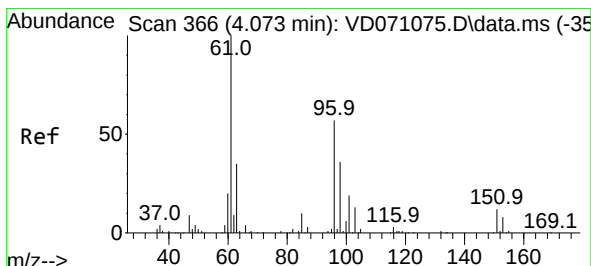
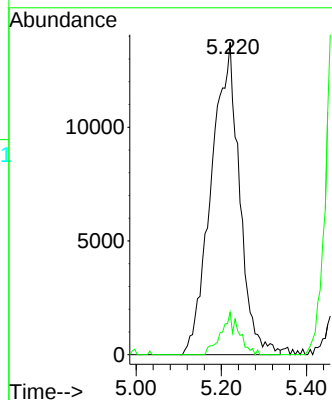
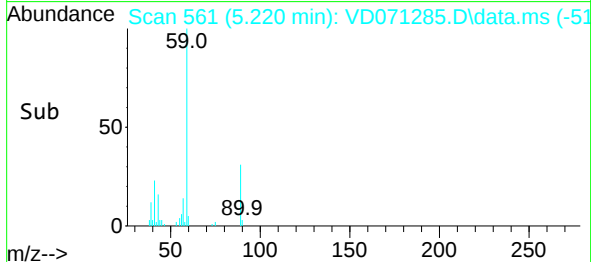
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



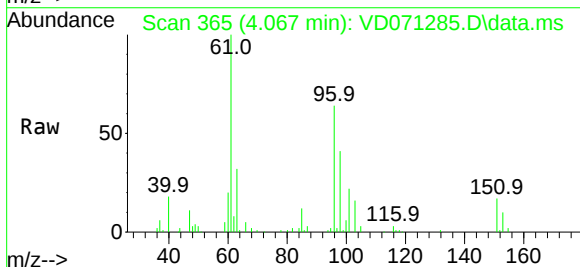
Tgt Ion: 59 Resp: 6309
Ion Ratio Lower Upper
59 100
57 8.5 9.0 13.4

Manual Integrations
APPROVED

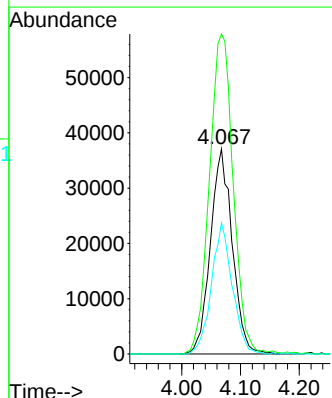
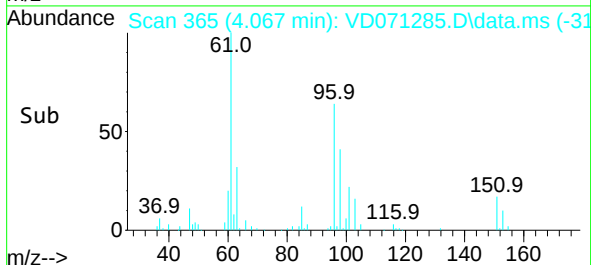
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#12
1,1-Dichloroethene
Concen: 48.487 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



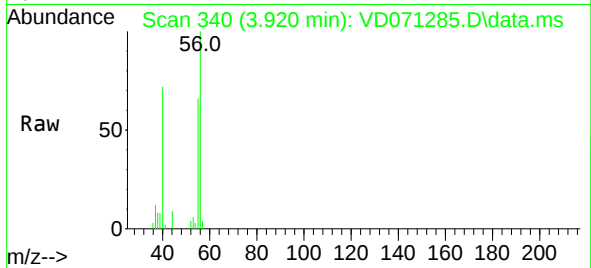
Tgt Ion: 96 Resp: 95749
Ion Ratio Lower Upper
96 100
61 156.2 120.3 180.5
98 63.9 54.4 81.6





#13
Acrolein
Concen: 171.408 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

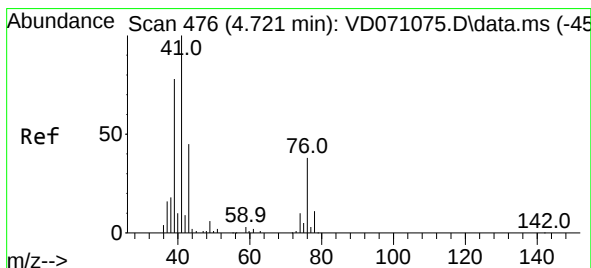
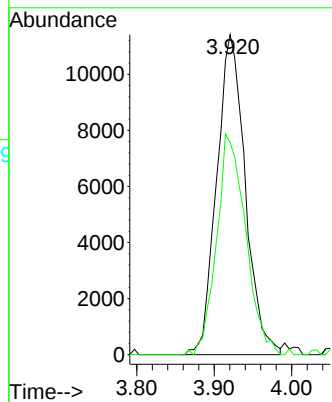
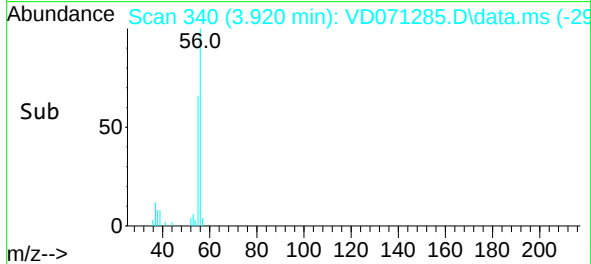
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 29237
Ion Ratio Lower Upper
56 100
55 70.3 58.6 87.8

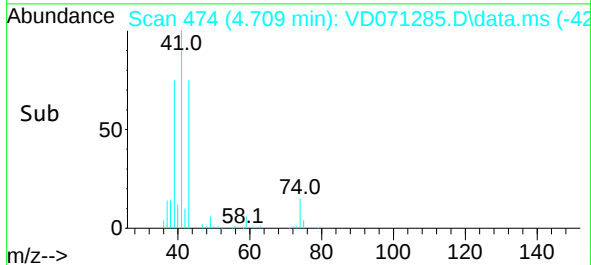
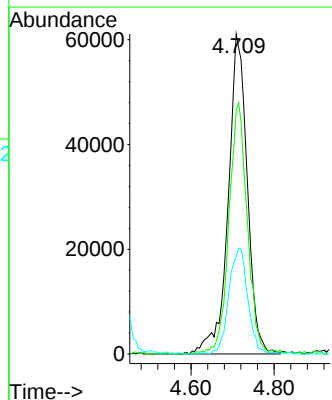
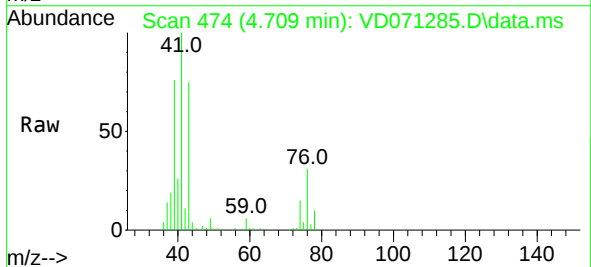
Manual Integrations
APPROVED

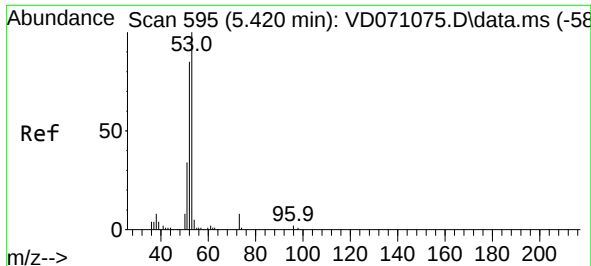
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#14
Allyl chloride
Concen: 51.816 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

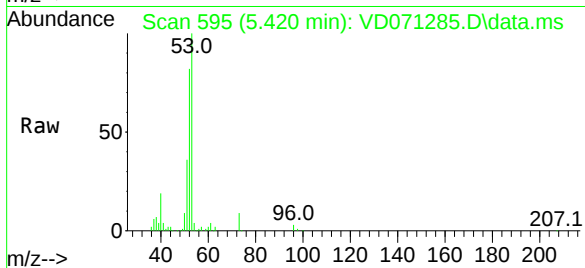
Tgt Ion: 41 Resp: 194356
Ion Ratio Lower Upper
41 100
39 76.3 45.6 68.4#
76 33.0 30.2 45.4





#15
Acrylonitrile
Concen: 366.947 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

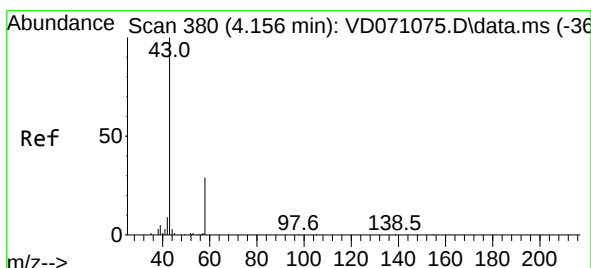
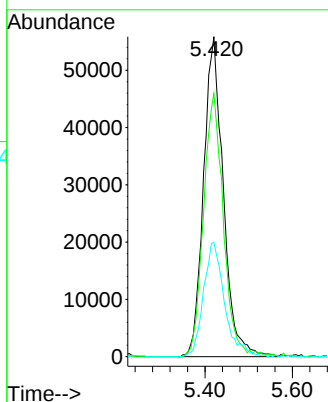
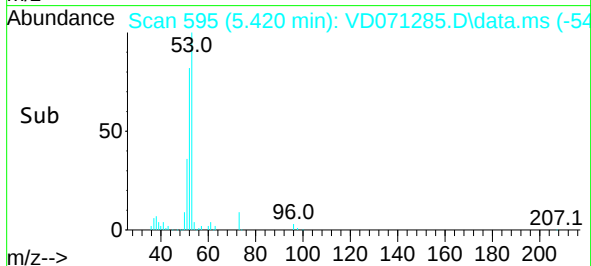
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 175474
Ion Ratio Lower Upper
53 100
52 82.0 63.8 95.8
51 38.1 28.5 42.7

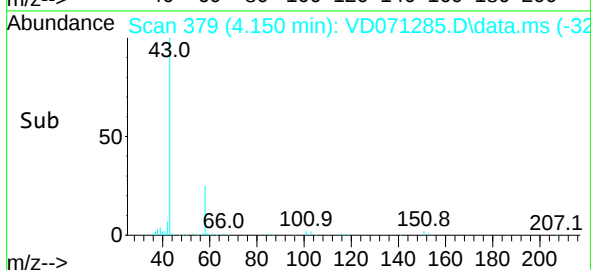
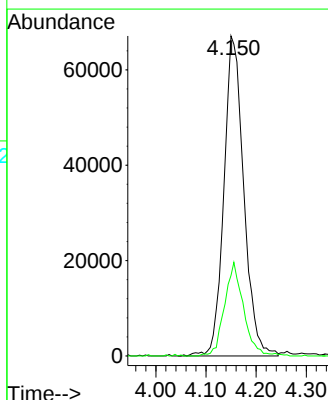
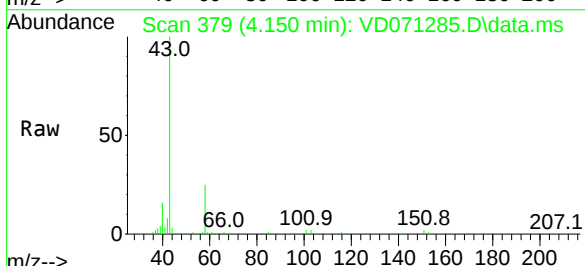
Manual Integrations
APPROVED

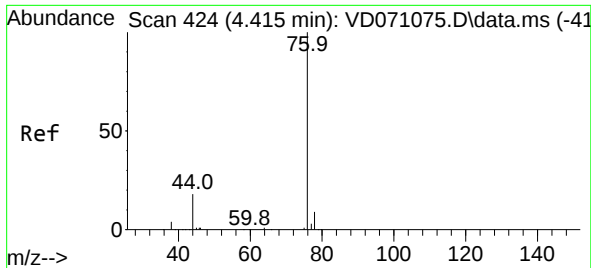
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#16
Acetone
Concen: 275.249 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Tgt Ion: 43 Resp: 184782
Ion Ratio Lower Upper
43 100
58 25.2 27.8 41.8#





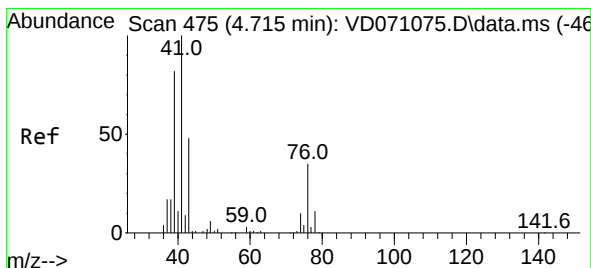
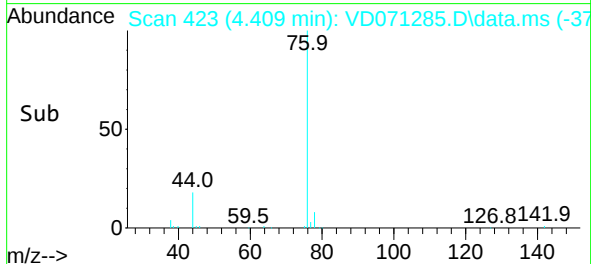
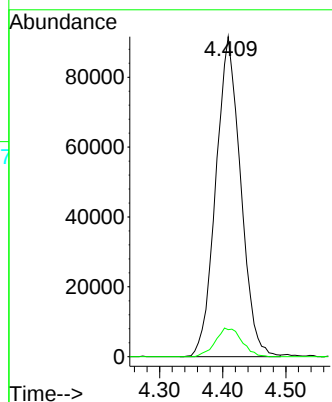
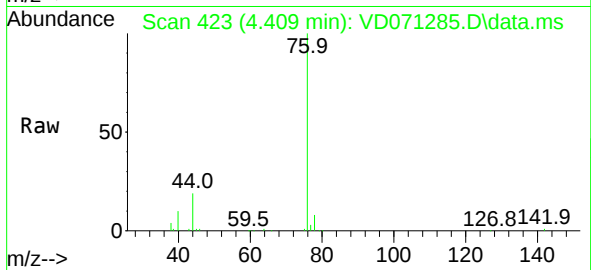
#17
Carbon Disulfide
Concen: 43.299 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 25034
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8

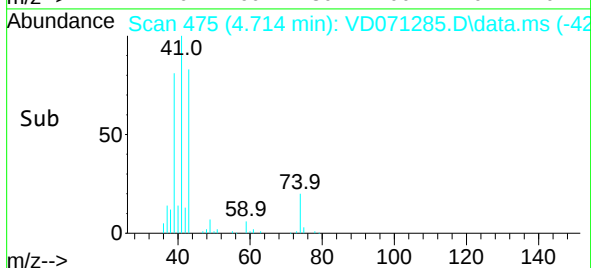
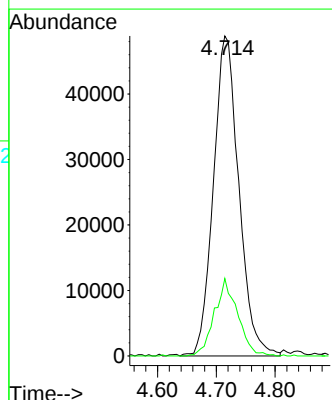
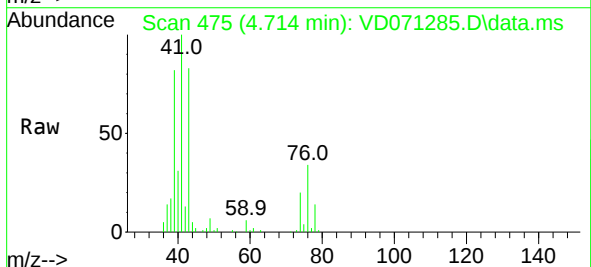
Manual Integrations
APPROVED

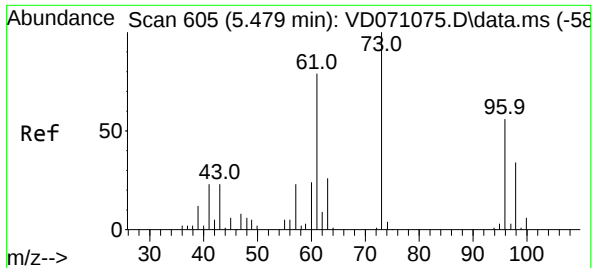
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#18
Methyl Acetate
Concen: 79.826 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Tgt Ion: 43 Resp: 147008
Ion Ratio Lower Upper
43 100
74 22.0 19.3 28.9





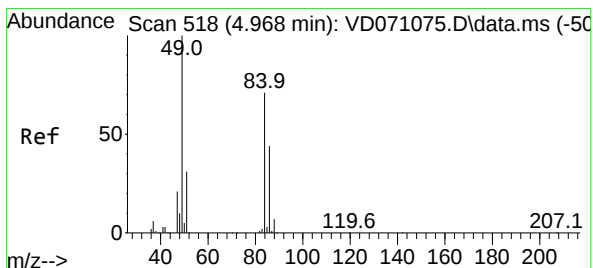
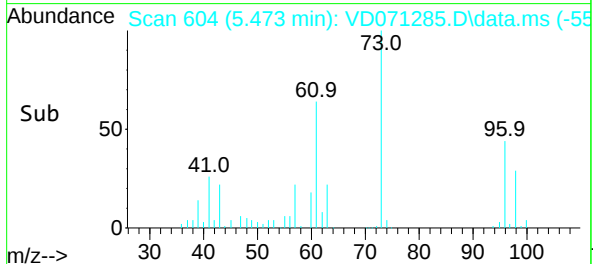
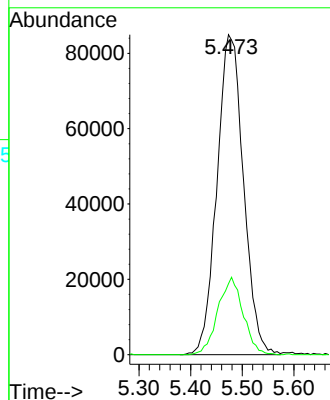
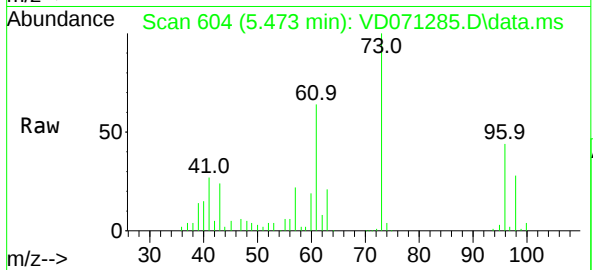
#19
Methyl tert-butyl Ether
Concen: 62.621 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 30306
Ion Ratio Lower Upper
73 100
57 22.2 18.9 28.3

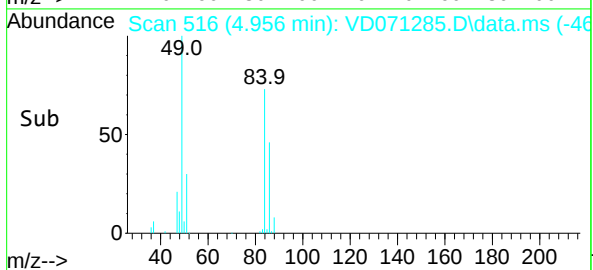
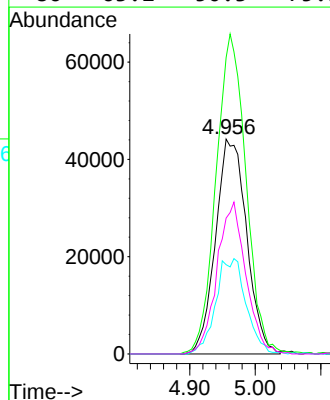
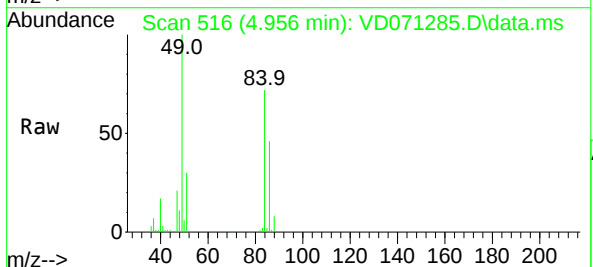
Manual Integrations
APPROVED

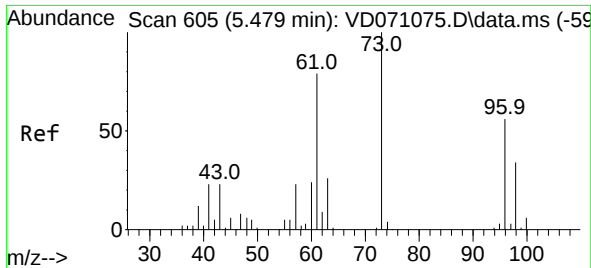
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#20
Methylene Chloride
Concen: 58.477 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

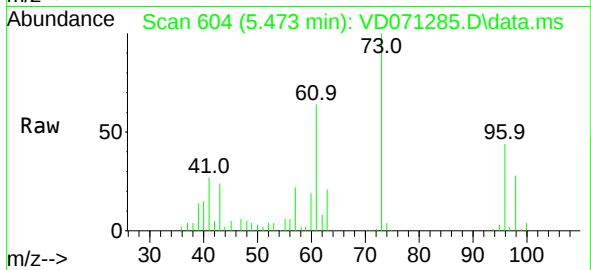
Tgt Ion: 84 Resp: 145503
Ion Ratio Lower Upper
84 100
49 138.0 95.8 143.6
51 41.6 30.9 46.3
86 63.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.236 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

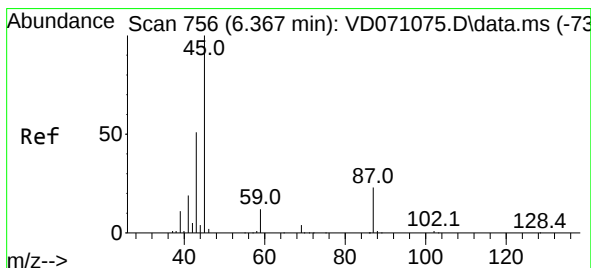
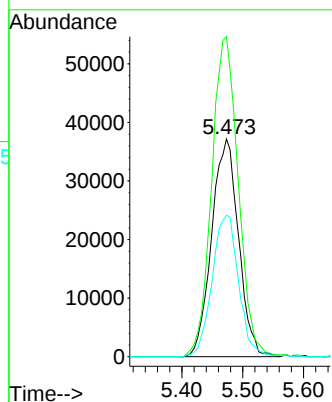
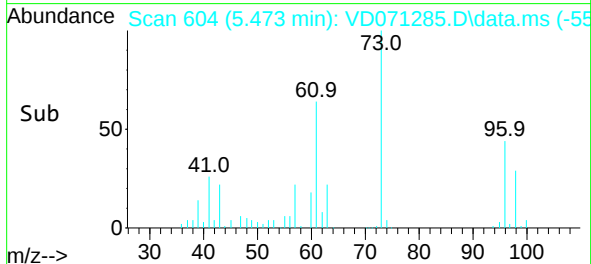
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 113894
Ion Ratio Lower Upper
96 100
61 147.0 102.1 153.1
98 64.9 50.1 75.1

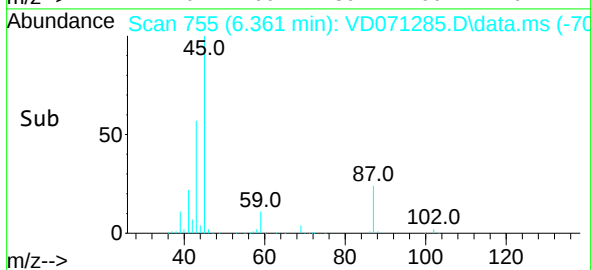
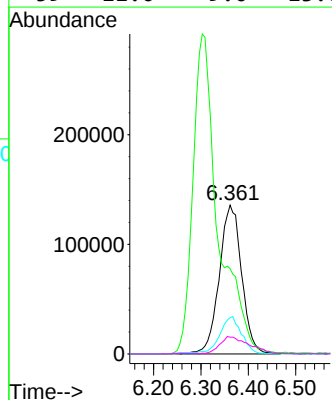
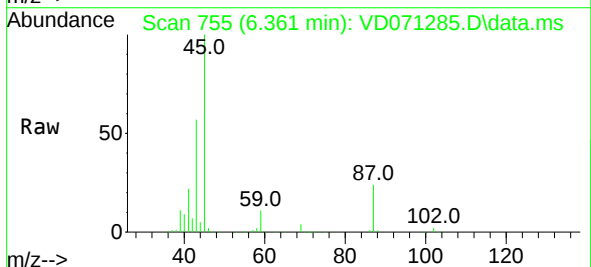
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#22
Diisopropyl ether
Concen: 59.270 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

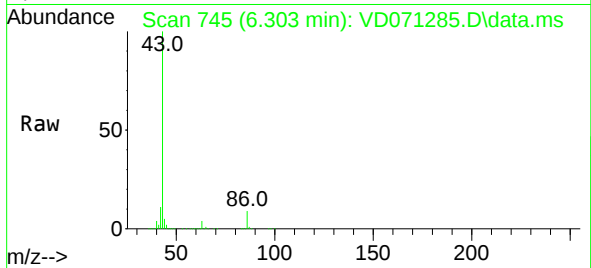
Tgt Ion: 45 Resp: 445424
Ion Ratio Lower Upper
45 100
43 56.4 39.6 59.4
87 24.4 21.2 31.8
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 263.252 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071285.D
 Acq: 11 Dec 2021 22:27

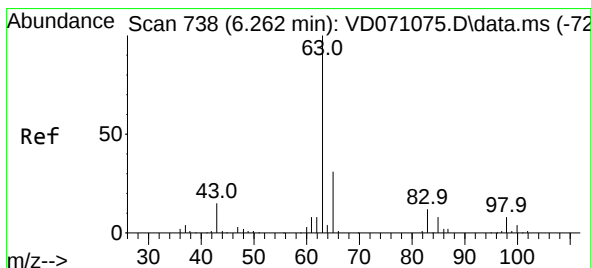
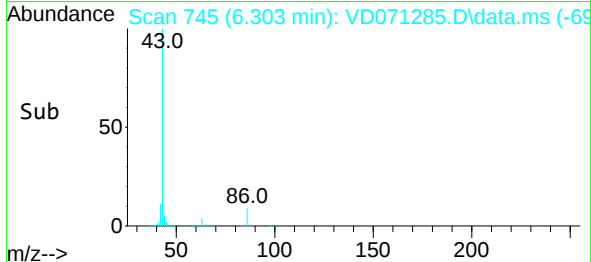
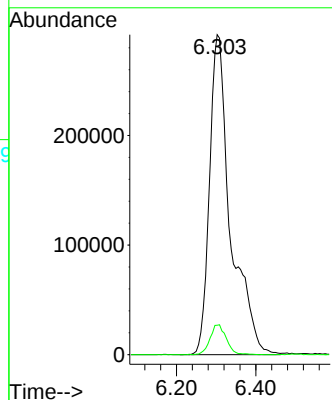
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 107642
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.2 12.4

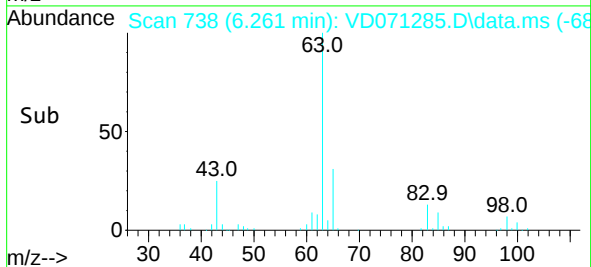
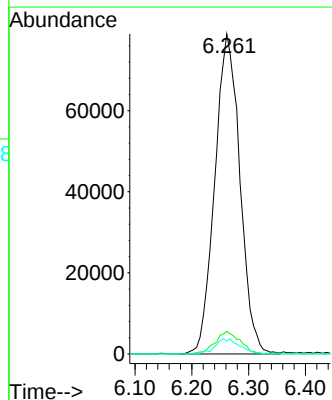
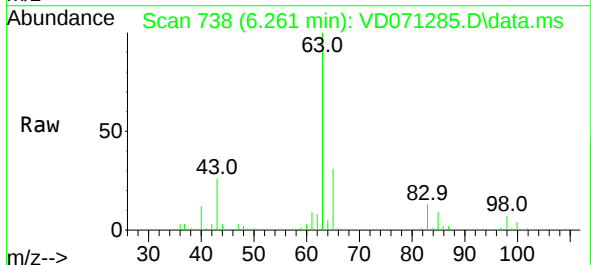
Manual Integrations
 APPROVED

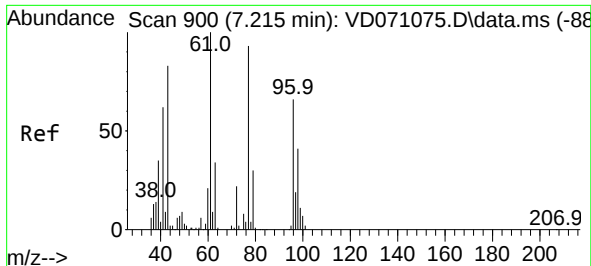
Reviewed By :Semsettin Yesilyurt 12/12/2021
 Supervised By :Amit Patel 12/13/2021



#24
 1,1-Dichloroethane
 Concen: 56.020 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.001 min
 Lab File: VD071285.D
 Acq: 11 Dec 2021 22:27

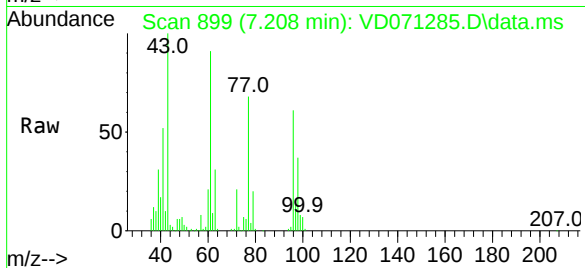
Tgt Ion: 63 Resp: 242147
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.0 2.1 6.3





#25
2-Butanone
Concen: 305.260 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

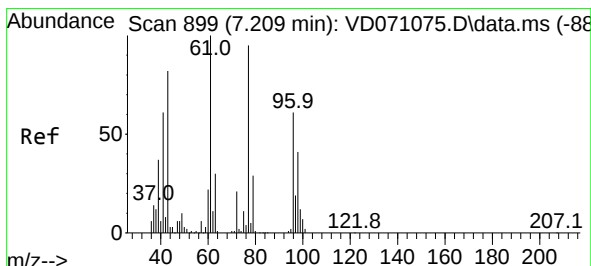
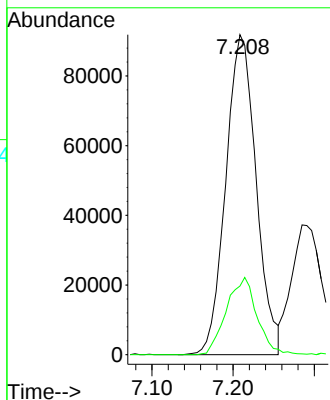
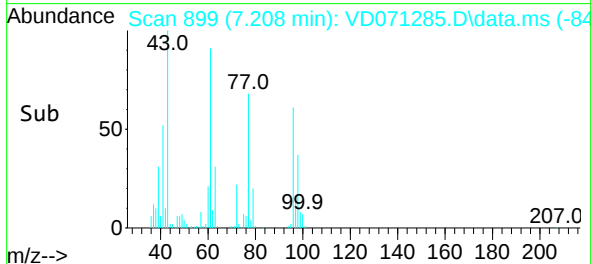
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



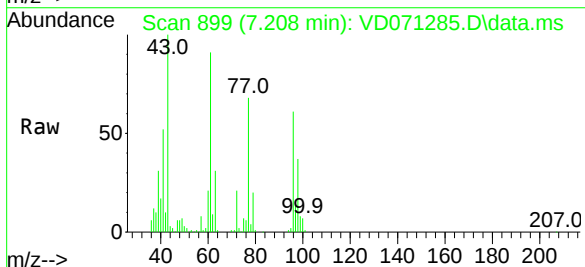
Tgt Ion: 43 Resp: 239080
Ion Ratio Lower Upper
43 100
72 21.5 23.8 35.6

Manual Integrations
APPROVED

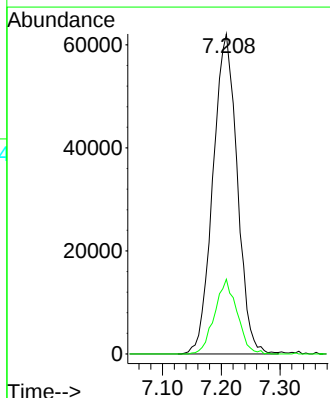
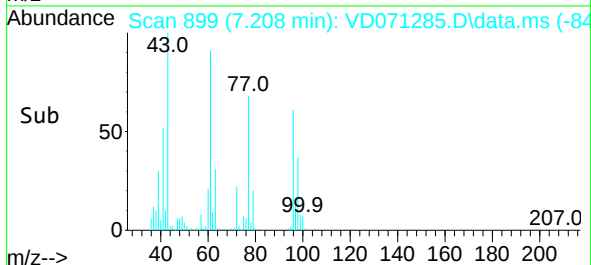
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

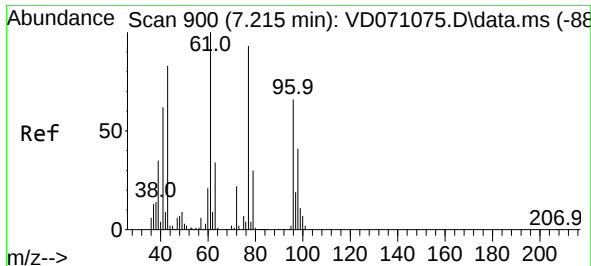


#26
2,2-Dichloropropane
Concen: 45.352 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



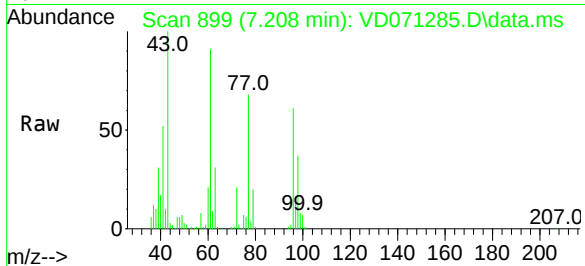
Tgt Ion: 77 Resp: 178260
Ion Ratio Lower Upper
77 100
97 21.6 11.9 35.5





#27
 cis-1,2-Dichloroethene
 Concen: 55.784 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.007 min
 Lab File: VD071285.D
 Acq: 11 Dec 2021 22:27

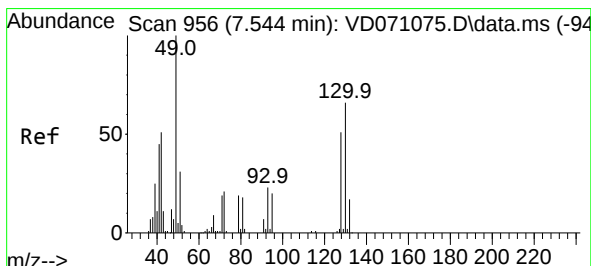
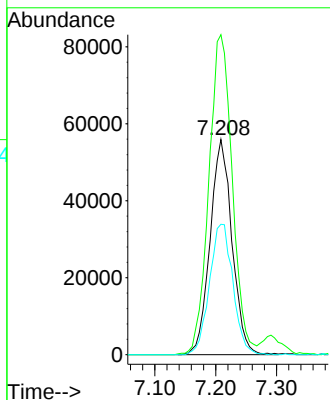
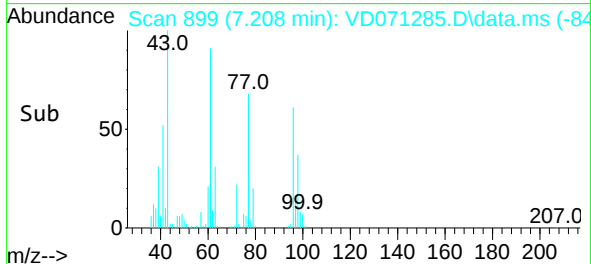
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 140289
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 288.6
 98 64.6 0.0 129.2

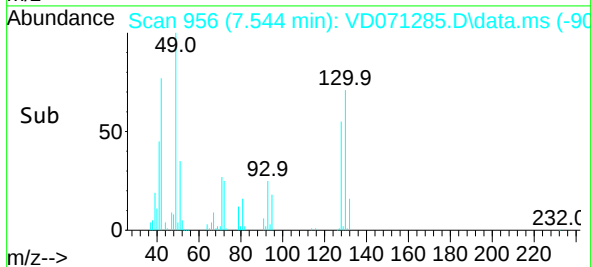
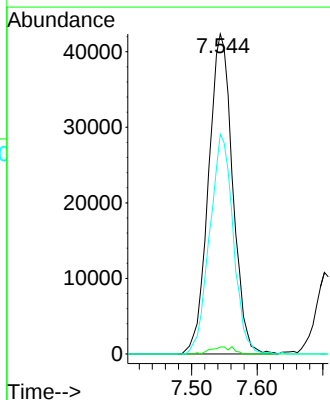
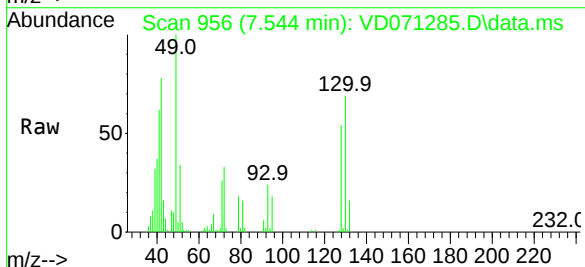
Manual Integrations
 APPROVED

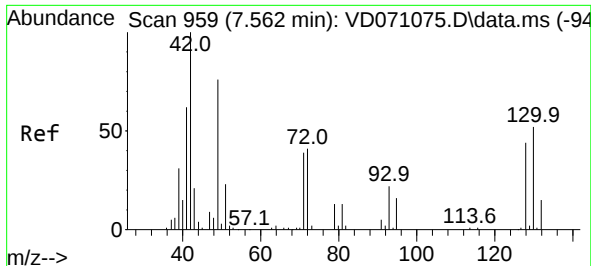
Reviewed By :Semsettin Yesilyurt 12/12/2021
 Supervised By :Amit Patel 12/13/2021



#28
 Bromochloromethane
 Concen: 57.569 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD071285.D
 Acq: 11 Dec 2021 22:27

Tgt Ion: 49 Resp: 108083
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 66.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 373.352 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.001 min

Lab File: VD071285.D

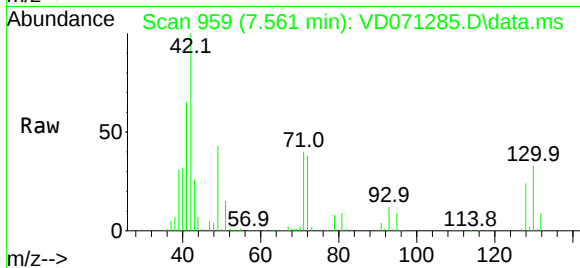
Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



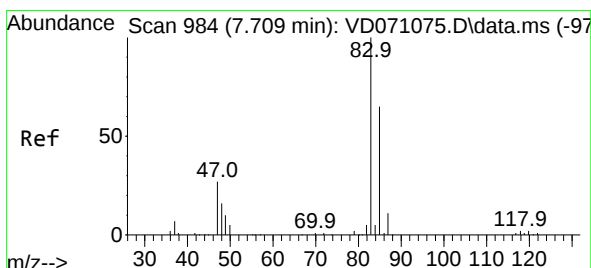
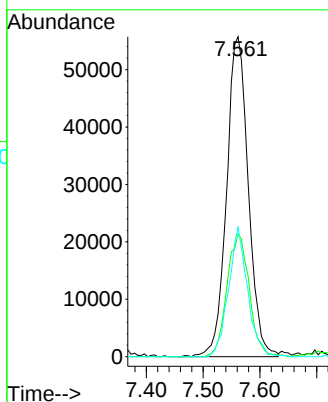
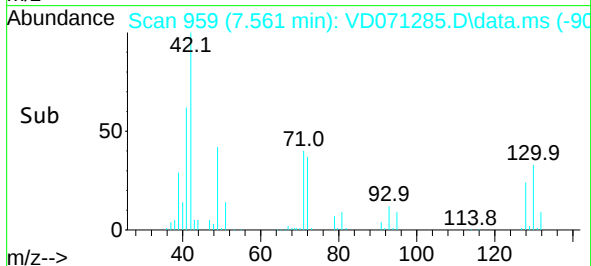
Tgt Ion:	42	Resp:	147979
Ion	Ratio	Lower	Upper
42	100		
72	39.3	33.7	50.5
71	35.8	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021

Supervised By :Amit Patel 12/13/2021



#30

Chloroform

Concen: 59.245 ug/l

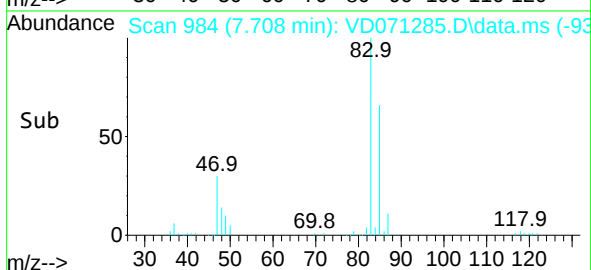
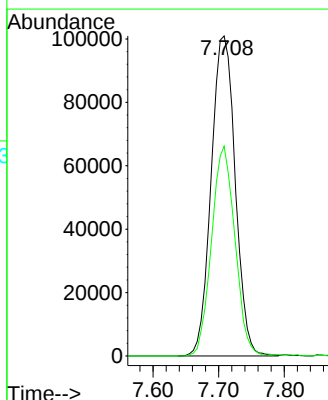
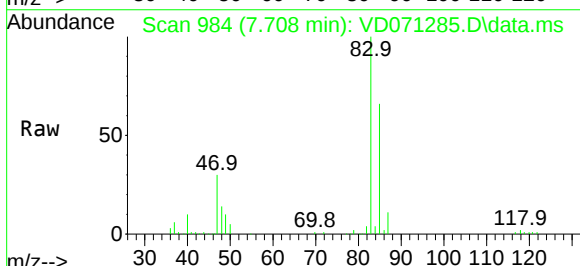
RT: 7.708 min Scan# 984

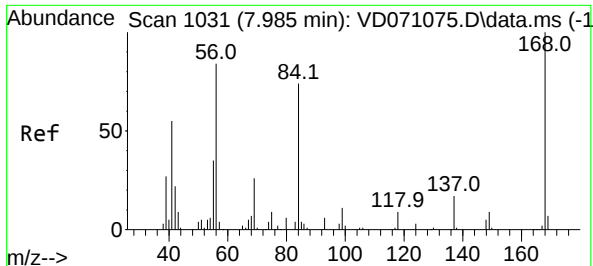
Delta R.T. -0.001 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Tgt Ion:	83	Resp:	257009
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.0	76.6





#31

Cyclohexane

Concen: 44.208 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 187692

Ion Ratio Lower Upper

56 100

69 31.8 25.9 38.9

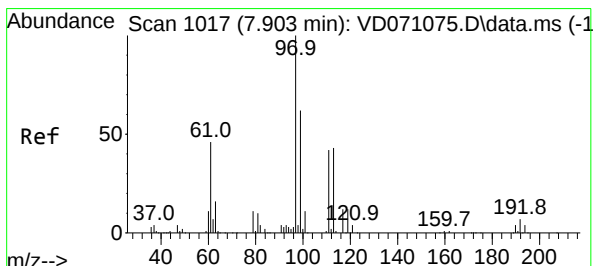
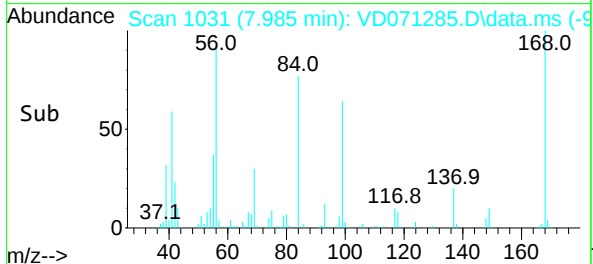
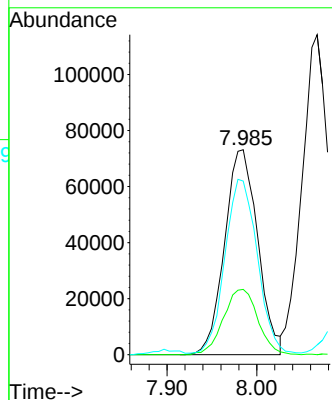
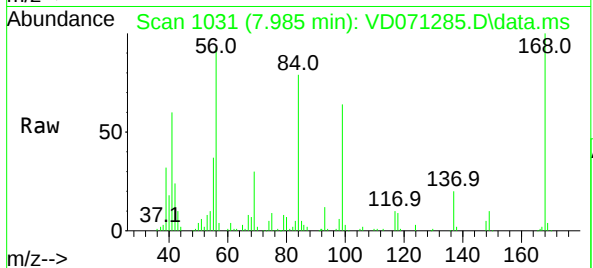
84 82.9 64.3 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021

Supervised By :Amit Patel 12/13/2021



#32

1,1,1-Trichloroethane

Concen: 53.310 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

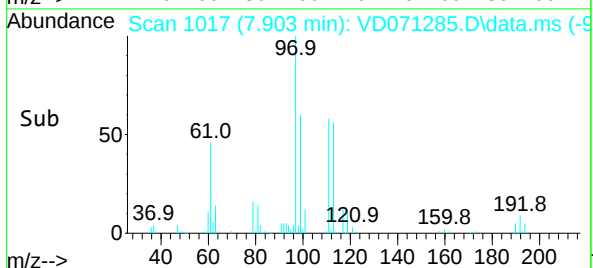
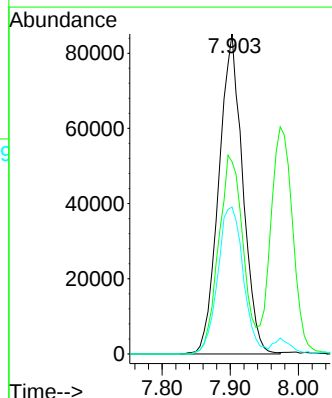
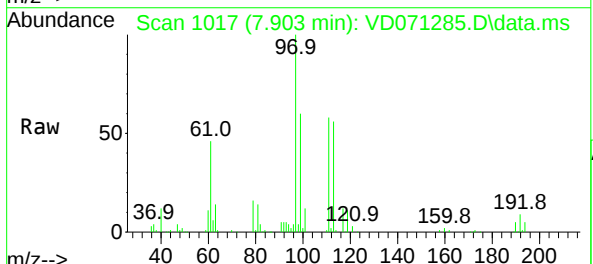
Tgt Ion: 97 Resp: 207632

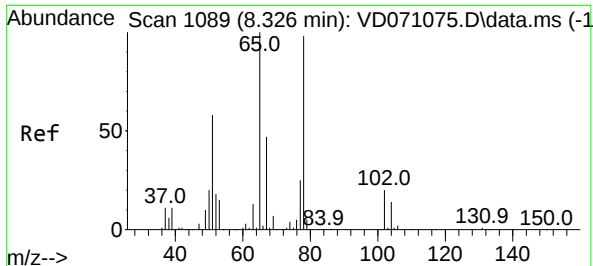
Ion Ratio Lower Upper

97 100

99 63.1 50.3 75.5

61 49.2 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 60.716 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15154

Ion Ratio Lower Upper

65 100

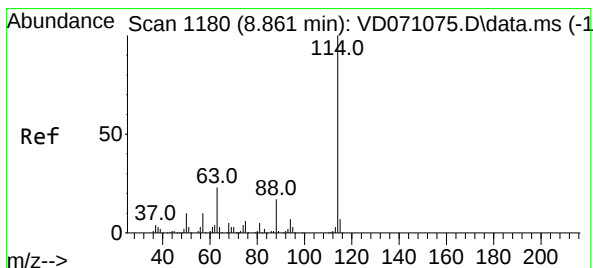
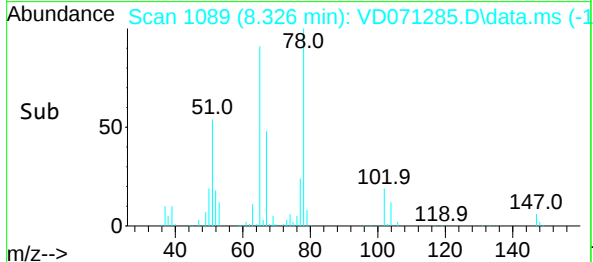
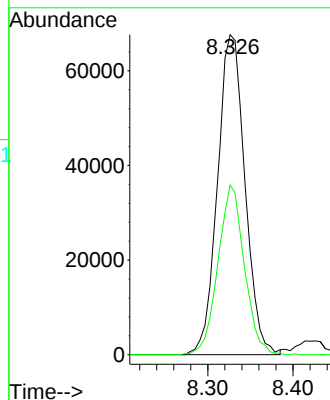
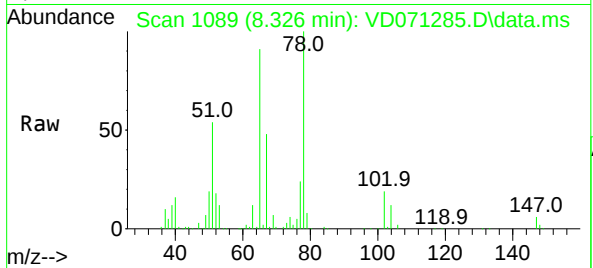
67 50.9 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021

Supervised By :Amit Patel 12/13/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

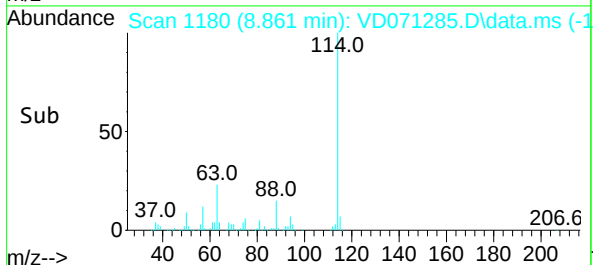
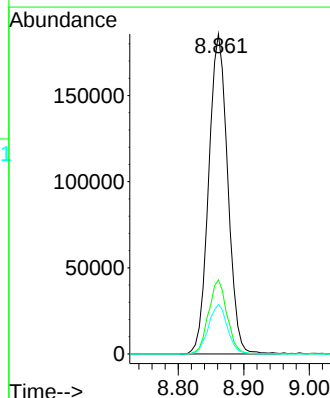
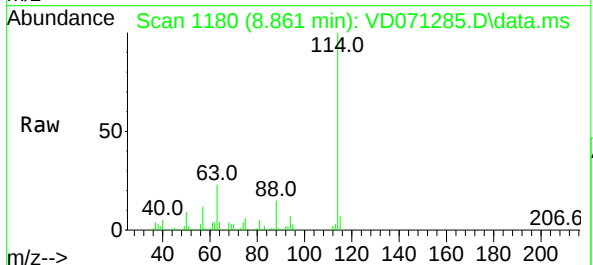
Tgt Ion:114 Resp: 373916

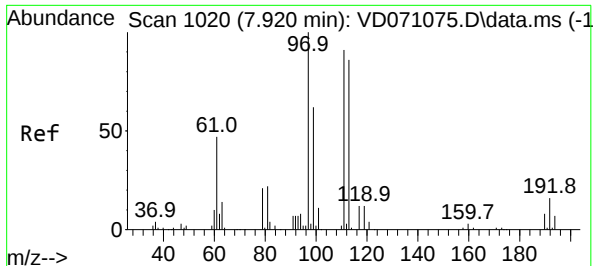
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 57.555 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

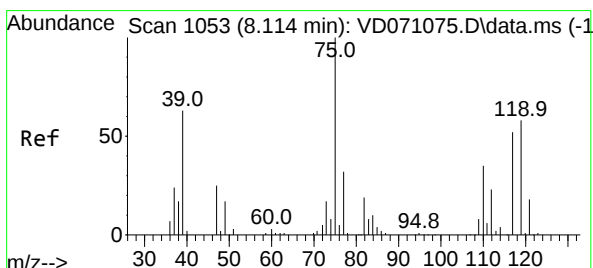
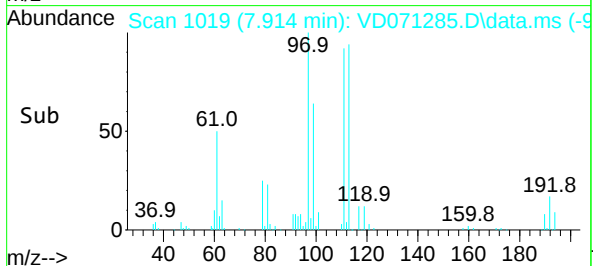
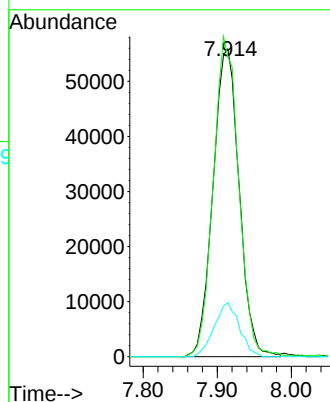
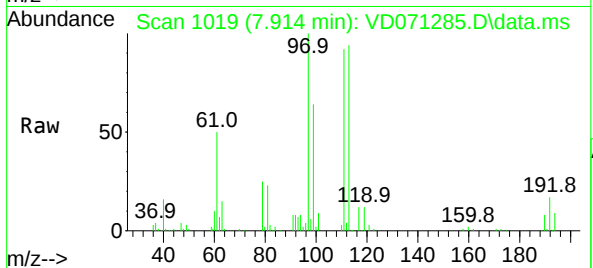
VSTDCCC050EC

Tgt Ion:	113	Resp:	13704
Ion Ratio	Lower	Upper	
113	100		
111	100.8	82.0	123.0
192	16.9	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#36

1,1-Dichloropropene

Concen: 49.219 ug/l

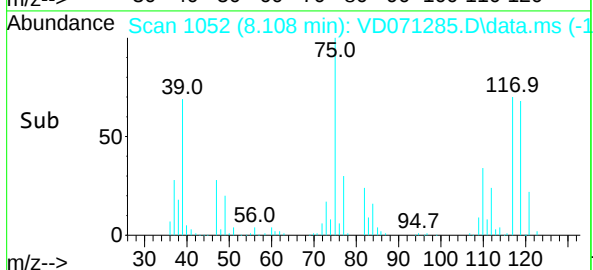
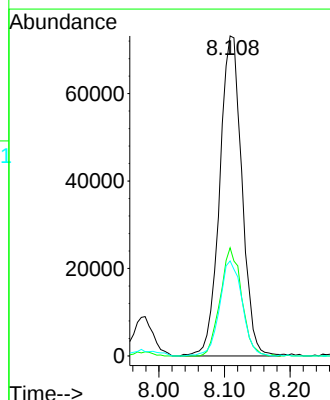
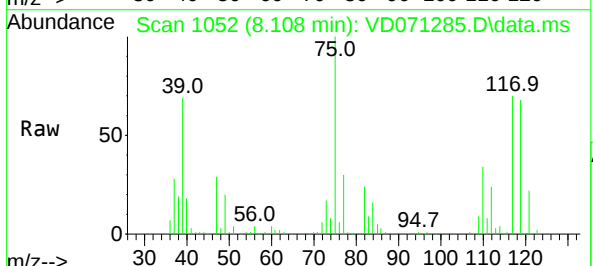
RT: 8.108 min Scan# 1052

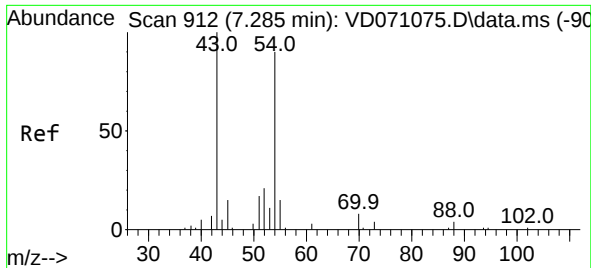
Delta R.T. -0.006 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Tgt Ion:	75	Resp:	172007
Ion Ratio	Lower	Upper	
75	100		
110	32.4	17.8	53.4
77	30.1	24.8	37.2





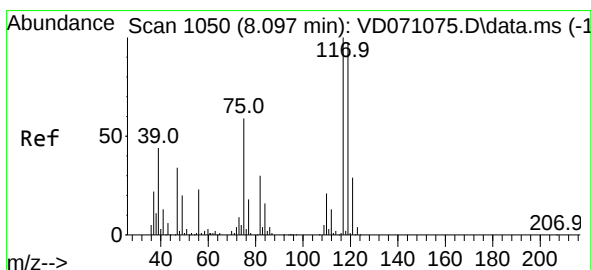
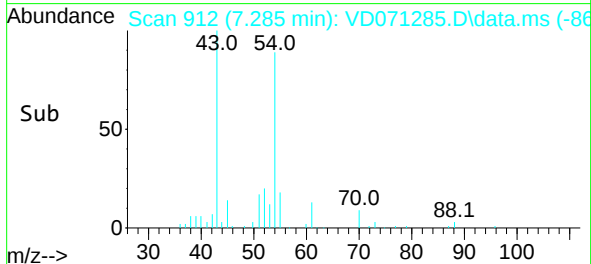
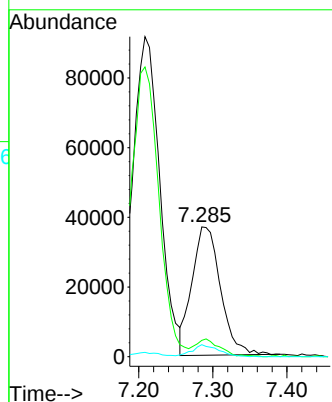
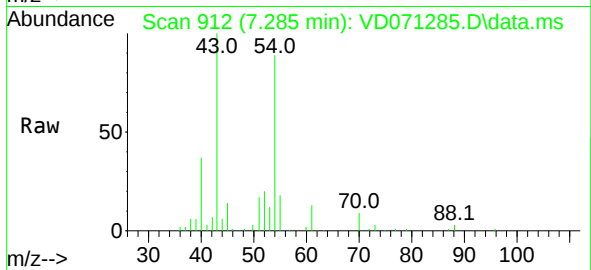
#37
Ethyl Acetate
Concen: 65.498 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 98875
Ion Ratio Lower Upper
43 100
61 11.9 13.0 19.6
70 8.6 8.7 13.1

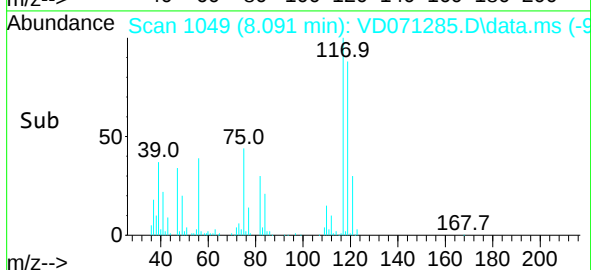
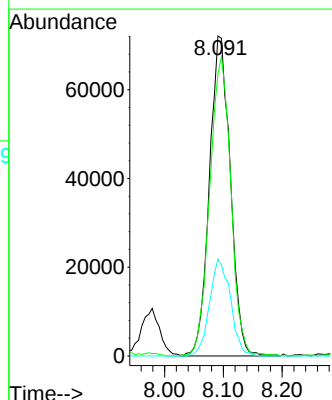
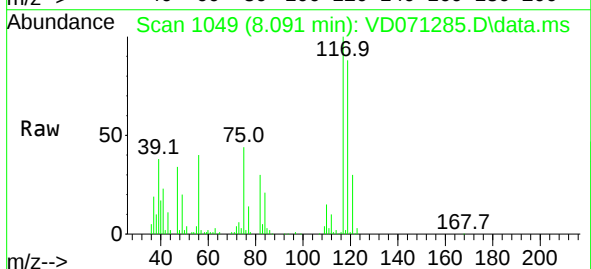
Manual Integrations
APPROVED

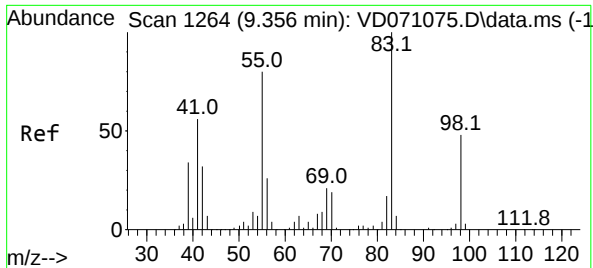
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#38
Carbon Tetrachloride
Concen: 51.713 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

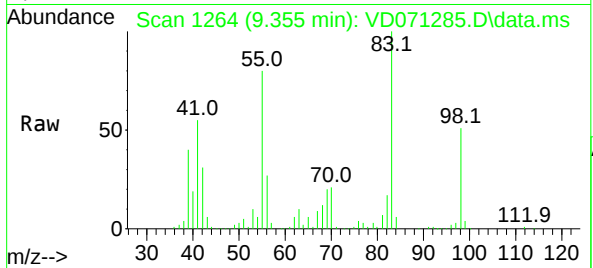
Tgt Ion:117 Resp: 178148
Ion Ratio Lower Upper
117 100
119 88.1 75.8 113.6
121 30.3 23.6 35.4





#39
Methylcyclohexane
Concen: 43.918 ug/l
RT: 9.355 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

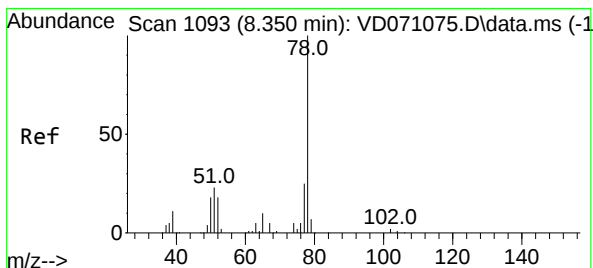
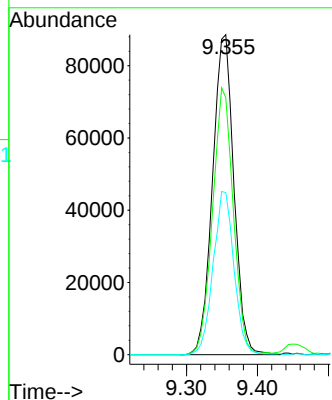
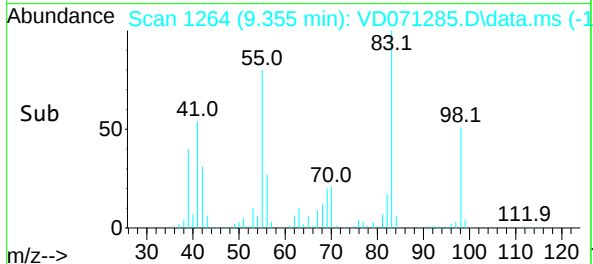
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 184604
Ion Ratio Lower Upper
83 100
55 80.3 65.8 98.8
98 50.6 38.7 58.1

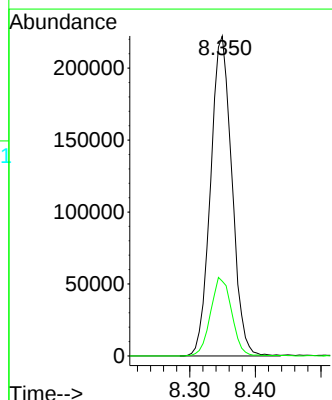
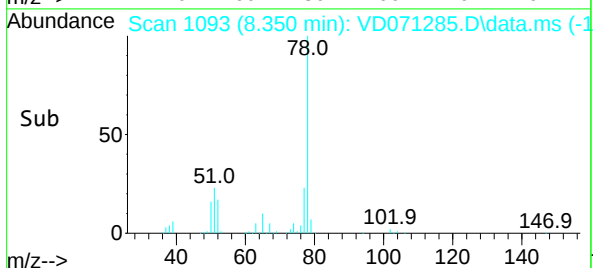
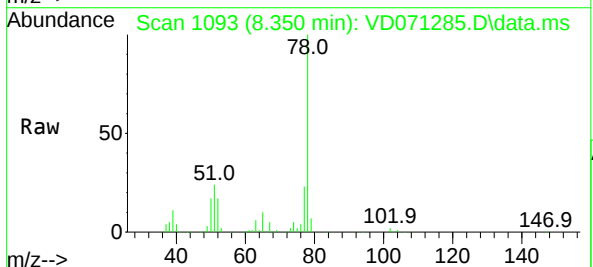
Manual Integrations
APPROVED

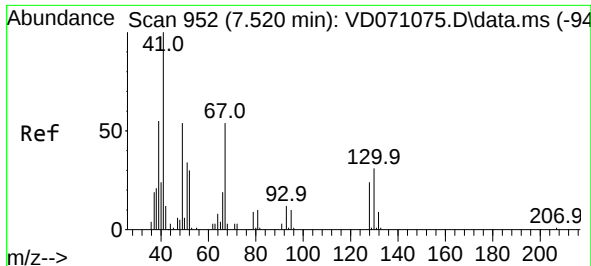
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#40
Benzene
Concen: 52.817 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

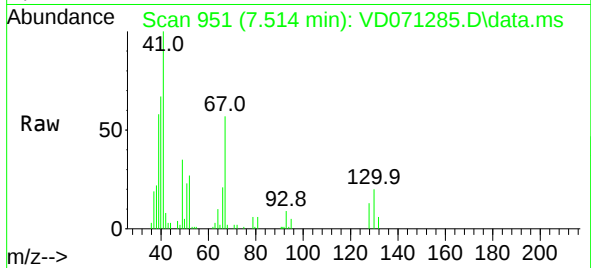
Tgt Ion: 78 Resp: 501378
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





#41
Methacrylonitrile
Concen: 65.969 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

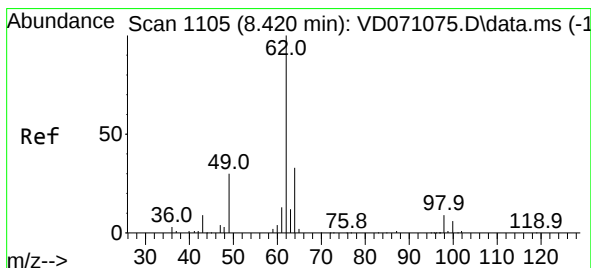
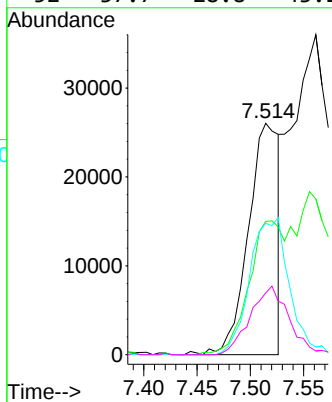
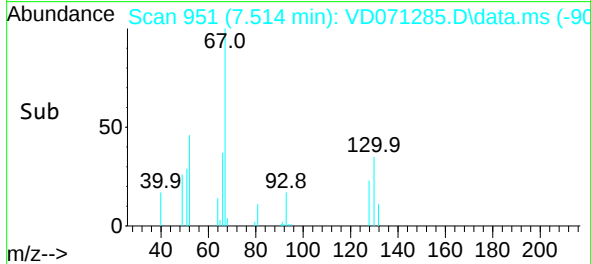
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



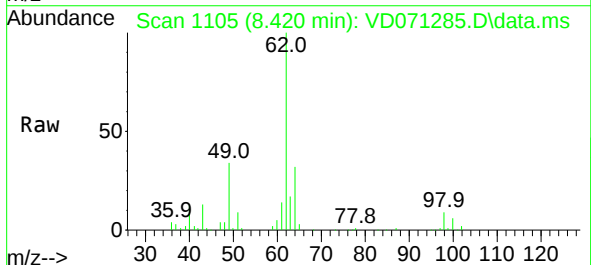
Tgt Ion: 41 Resp: 5176
Ion Ratio Lower Upper
41 100
39 66.4 60.2 90.4
67 76.4 74.8 112.2
52 37.7 28.8 43.2

Manual Integrations
APPROVED

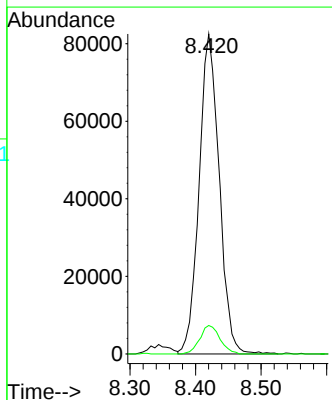
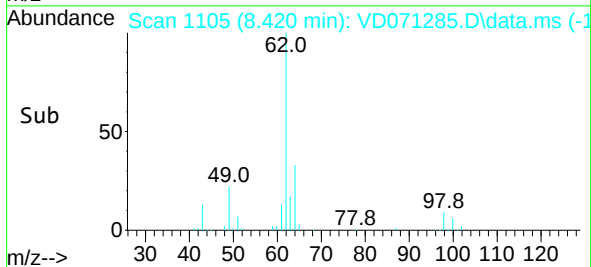
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

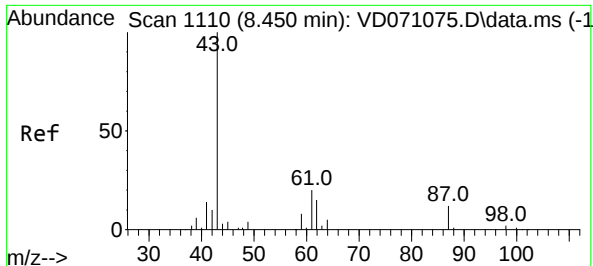


#42
1,2-Dichloroethane
Concen: 60.863 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



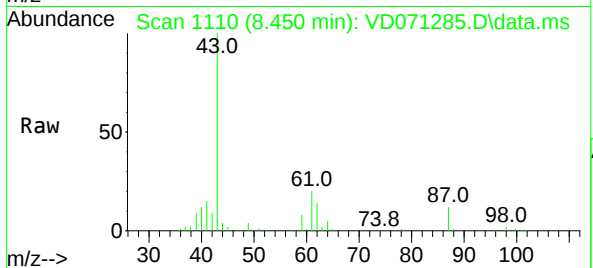
Tgt Ion: 62 Resp: 176356
Ion Ratio Lower Upper
62 100
98 8.9 0.0 21.8





#43
Isopropyl Acetate
Concen: 56.237 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

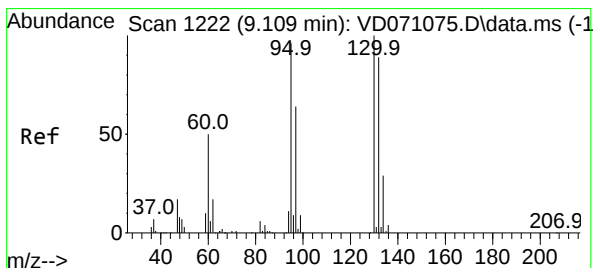
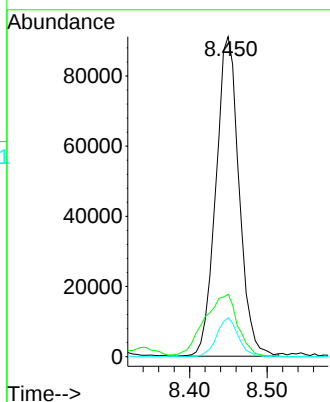
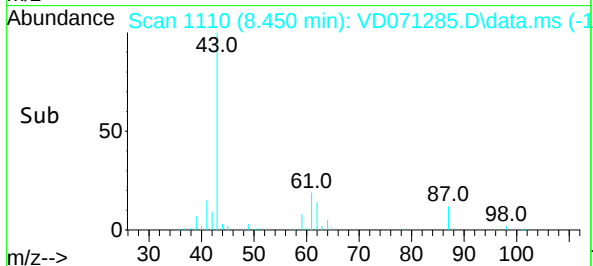
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



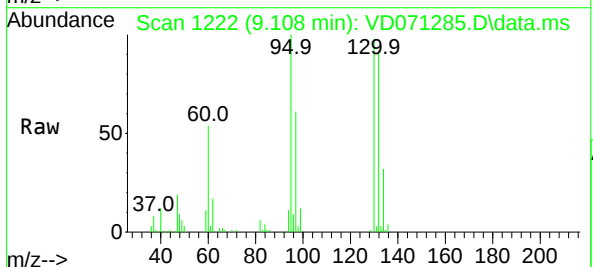
Tgt Ion: 43 Resp: 189218
Ion Ratio Lower Upper
43 100
61 27.9 28.2 42.4
87 11.3 10.7 16.1

Manual Integrations
APPROVED

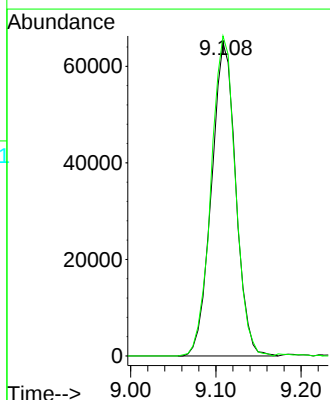
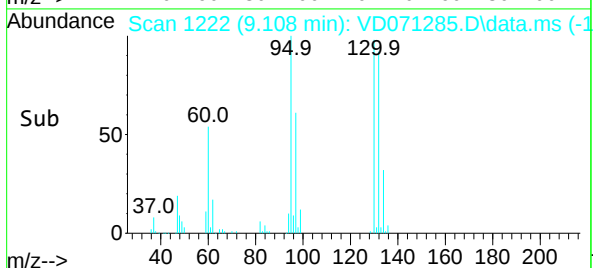
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

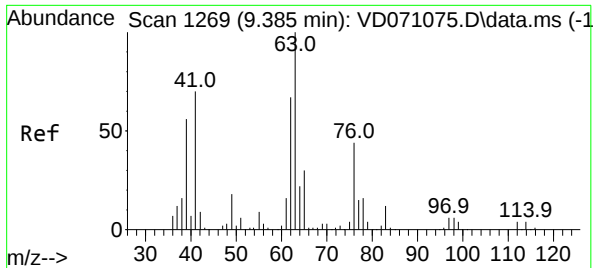


#44
Trichloroethene
Concen: 50.777 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



Tgt Ion:130 Resp: 128517
Ion Ratio Lower Upper
130 100
95 102.2 0.0 193.2





#45

1,2-Dichloropropane

Concen: 55.583 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13875

Ion Ratio Lower Upper

63 100

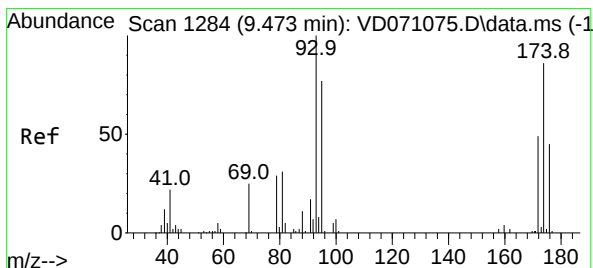
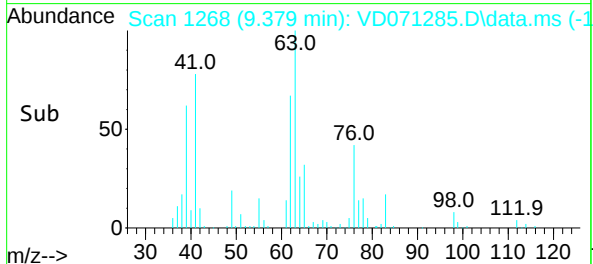
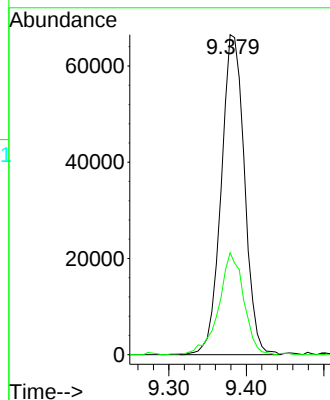
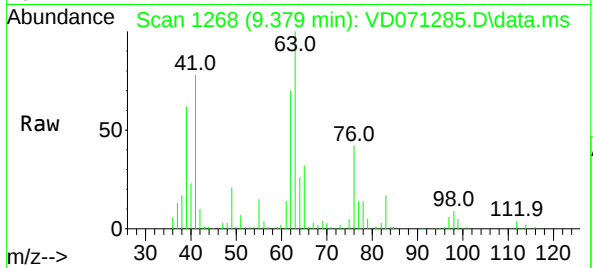
65 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021

Supervised By :Amit Patel 12/13/2021



#46

Dibromomethane

Concen: 59.566 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

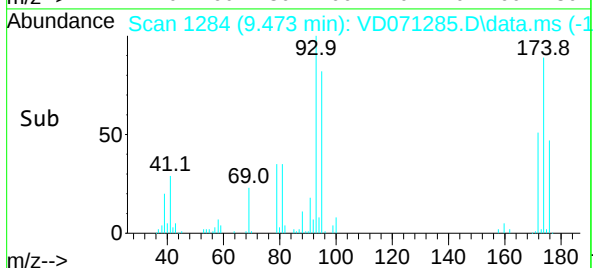
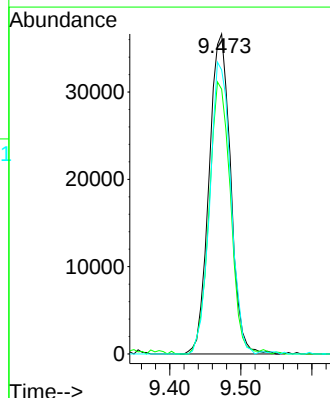
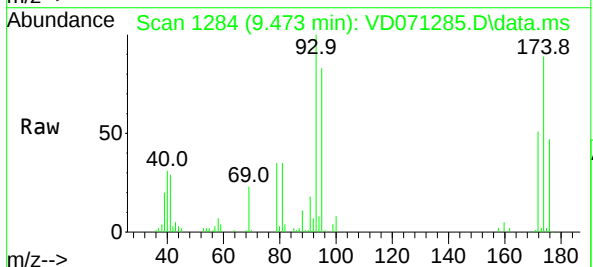
Tgt Ion: 93 Resp: 77149

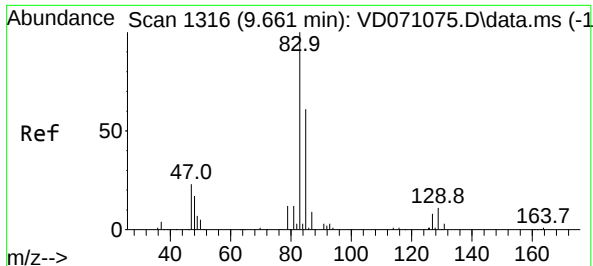
Ion Ratio Lower Upper

93 100

95 84.0 66.1 99.1

174 89.0 78.6 117.8





#47

Bromodichloromethane

Concen: 58.626 ug/l

RT: 9.661 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

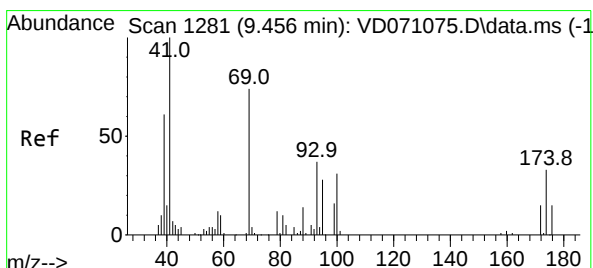
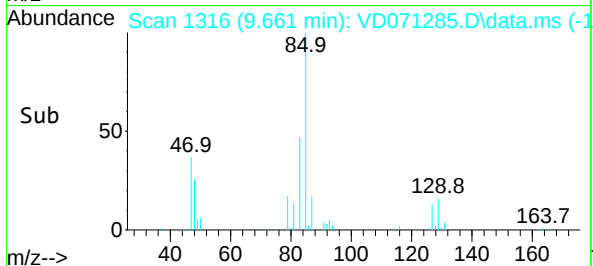
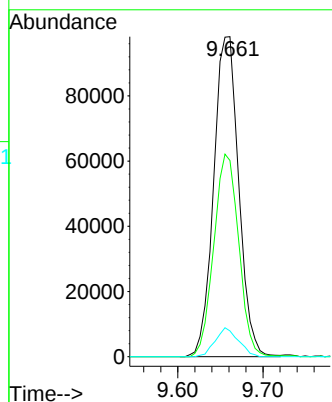
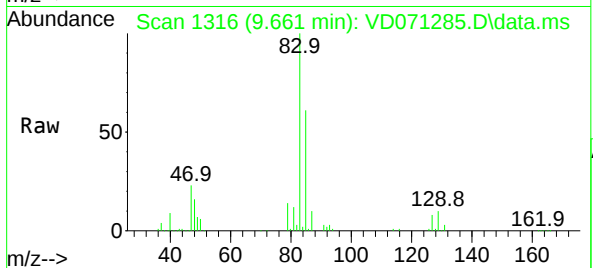
Tgt Ion:	83	Resp:	20080
Ion Ratio	Lower	Upper	
83	100		
85	61.3	50.0	75.0
127	8.1	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021

Supervised By :Amit Patel 12/13/2021



#48

Methyl methacrylate

Concen: 60.123 ug/l

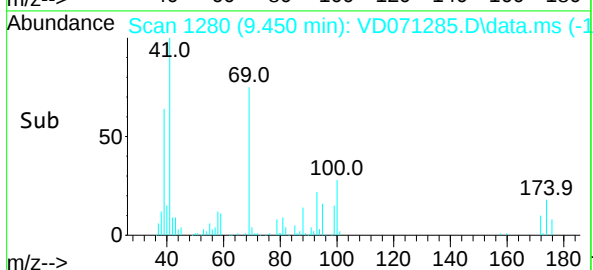
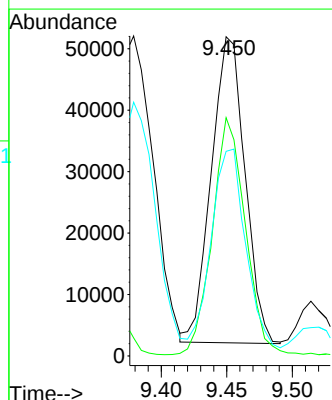
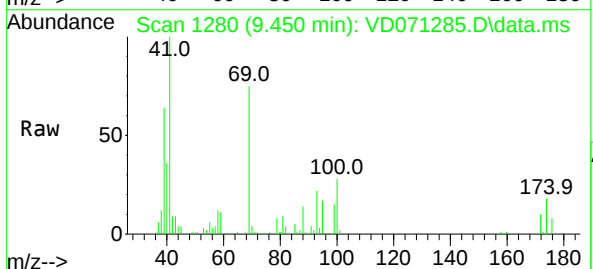
RT: 9.450 min Scan# 1280

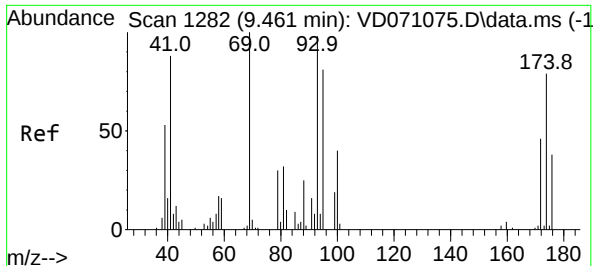
Delta R.T. -0.006 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Tgt Ion:	41	Resp:	88841
Ion Ratio	Lower	Upper	
41	100		
69	77.9	69.8	104.6
39	71.2	35.6	53.4





#49

1,4-Dioxane

Concen: 1488.428 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 18609

Ion Ratio Lower Upper

88 100

43 48.0 28.9 43.3

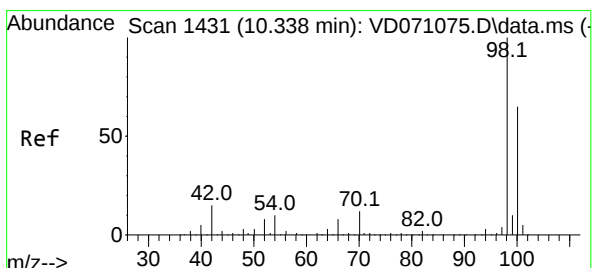
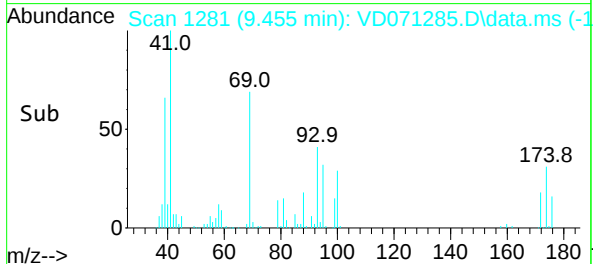
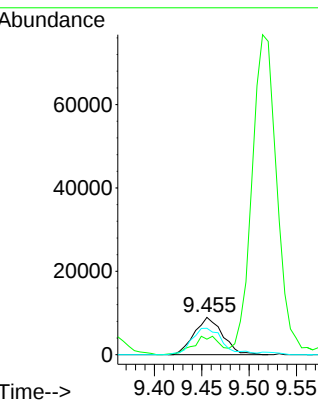
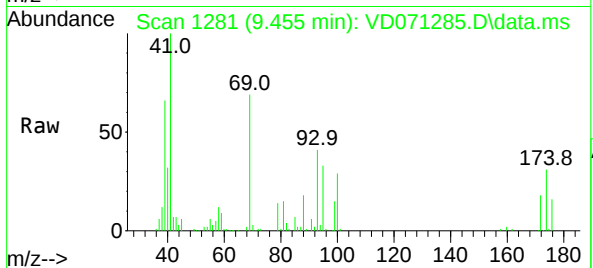
58 77.0 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021

Supervised By :Amit Patel 12/13/2021



#50

Toluene-d8

Concen: 50.263 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071285.D

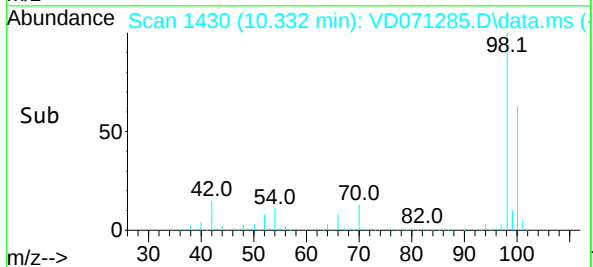
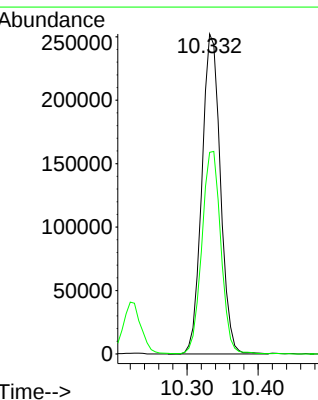
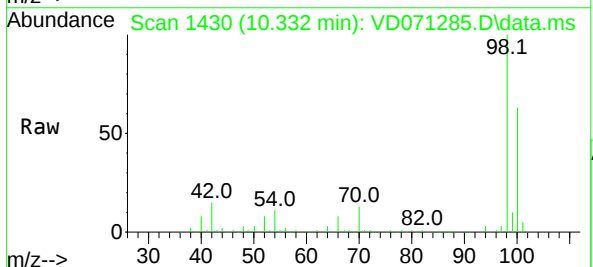
Acq: 11 Dec 2021 22:27

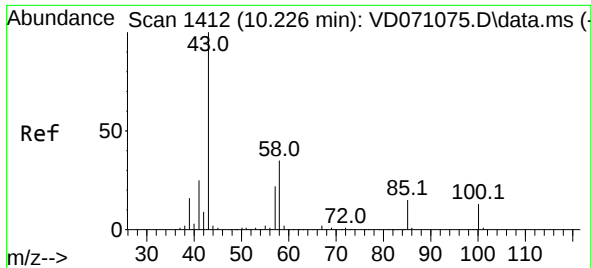
Tgt Ion: 98 Resp: 455442

Ion Ratio Lower Upper

98 100

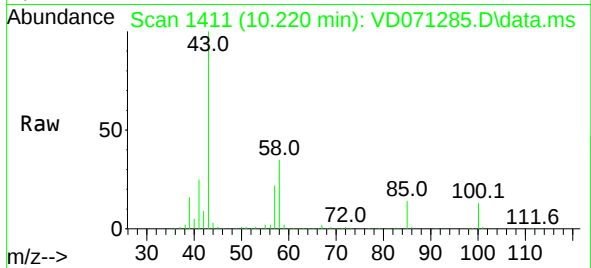
100 64.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 314.258 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

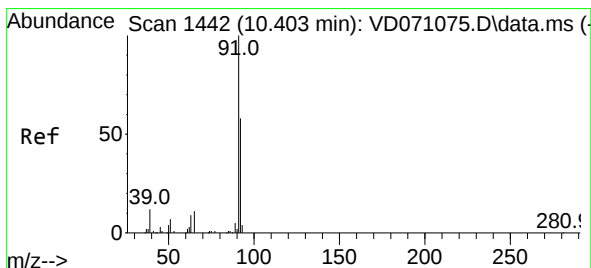
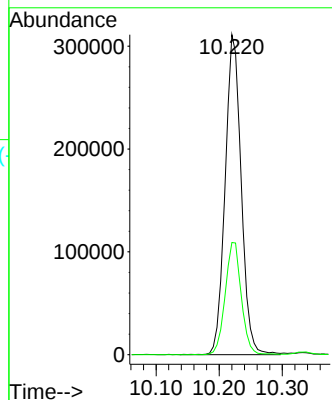
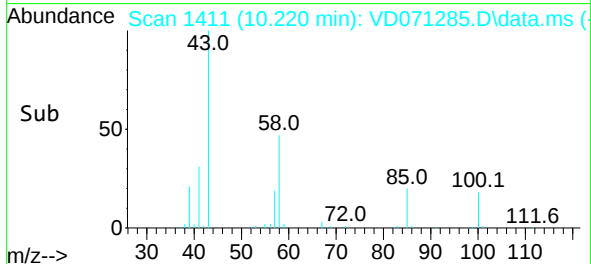
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



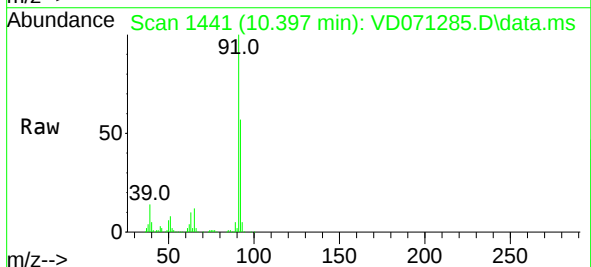
Tgt Ion: 43 Resp: 55023
Ion Ratio Lower Upper
43 100
58 35.2 33.1 49.7

Manual Integrations
APPROVED

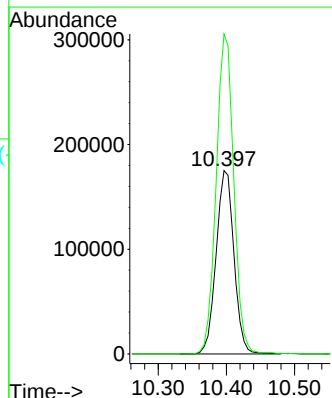
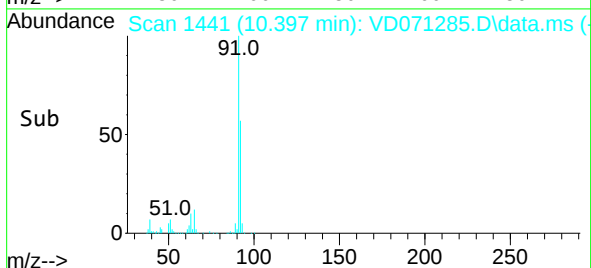
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

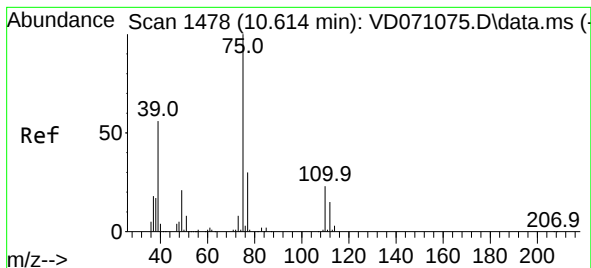


#52
Toluene
Concen: 52.913 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



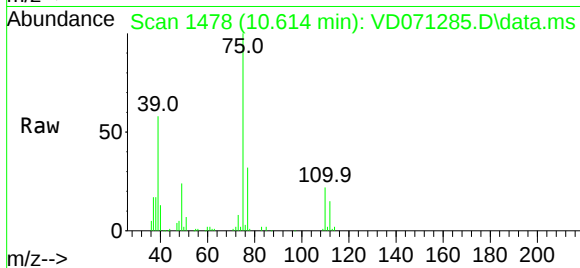
Tgt Ion: 92 Resp: 318695
Ion Ratio Lower Upper
92 100
91 172.8 140.7 211.1





#53
 t-1,3-Dichloropropene
 Concen: 56.440 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071285.D
 Acq: 11 Dec 2021 22:27

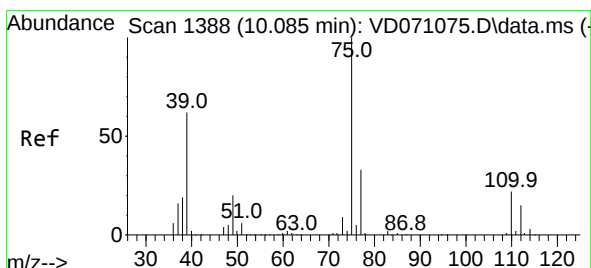
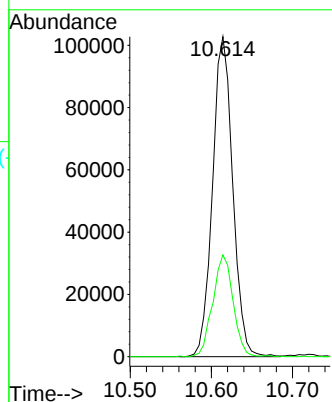
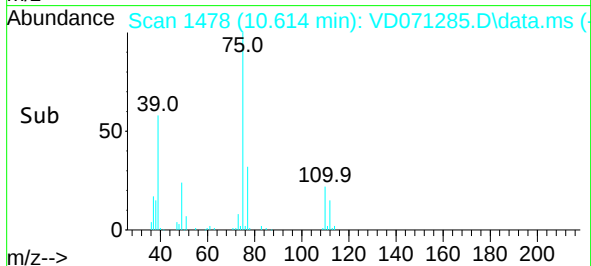
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



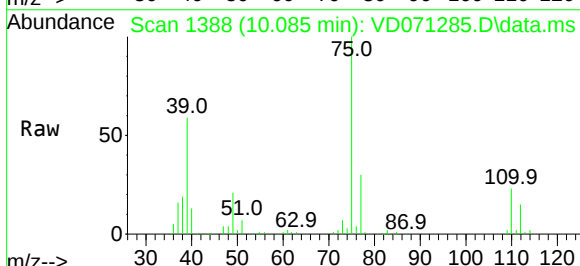
Tgt Ion: 75 Resp: 177740
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.5 36.7

Manual Integrations
 APPROVED

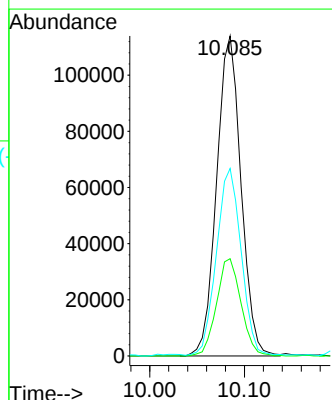
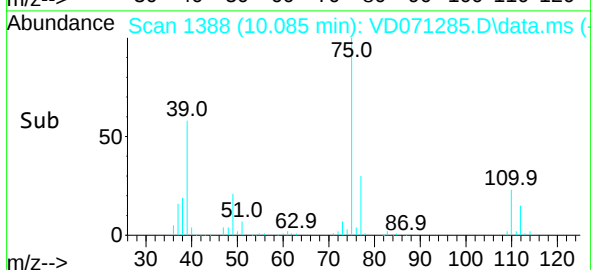
Reviewed By :Semsettin Yesilyurt 12/12/2021
 Supervised By :Amit Patel 12/13/2021

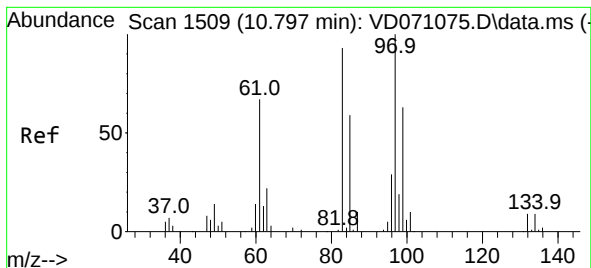


#54
 cis-1,3-Dichloropropene
 Concen: 54.590 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071285.D
 Acq: 11 Dec 2021 22:27



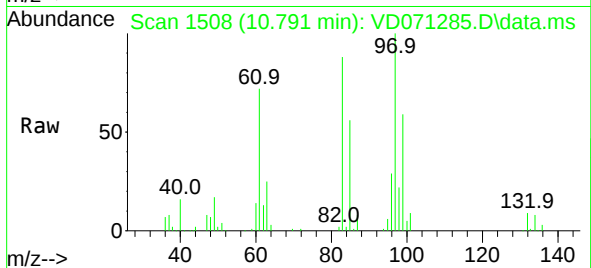
Tgt Ion: 75 Resp: 204209
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.6
 39 58.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 63.900 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

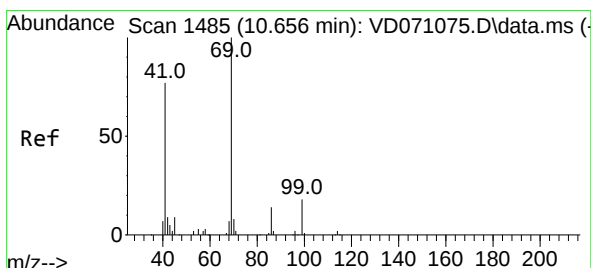
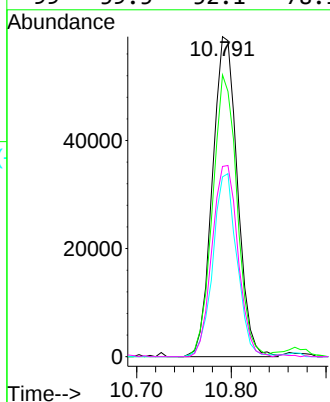
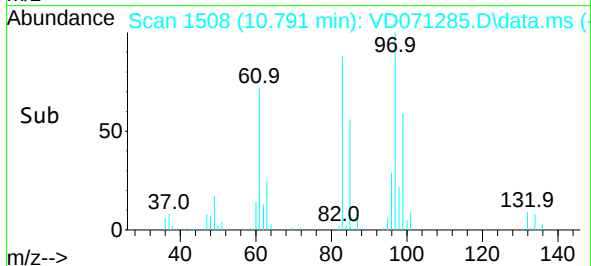
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



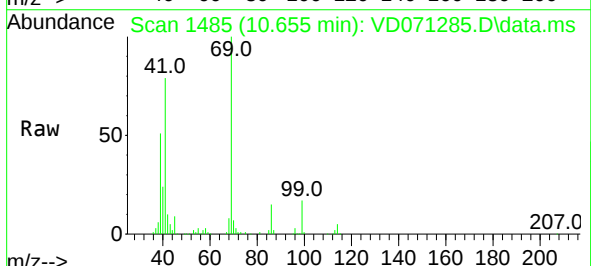
Tgt Ion: 97 Resp: 108572
Ion Ratio Lower Upper
97 100
83 88.1 65.2 97.8
85 56.2 43.4 65.0
99 59.5 52.1 78.1

Manual Integrations
APPROVED

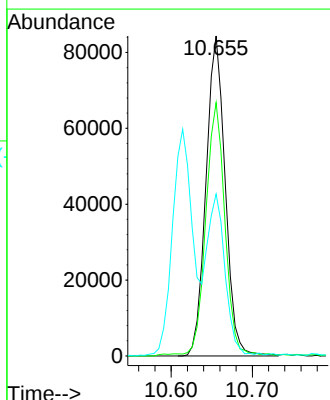
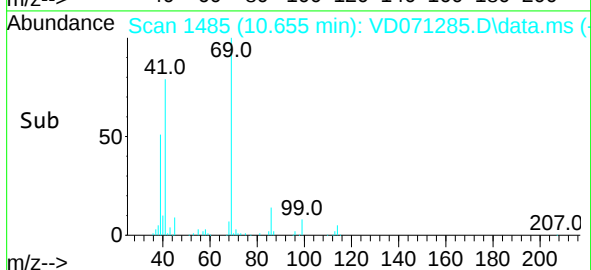
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

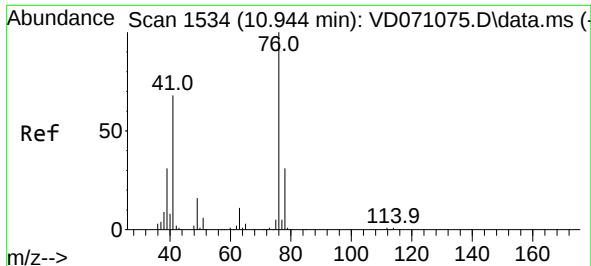


#56
Ethyl methacrylate
Concen: 55.841 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



Tgt Ion: 69 Resp: 138525
Ion Ratio Lower Upper
69 100
41 79.4 50.2 75.2#
39 45.5 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 62.823 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 187514

Ion Ratio Lower Upper

76 100

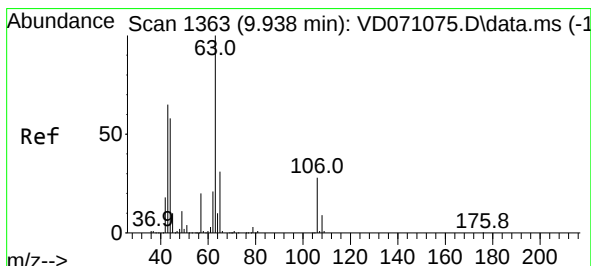
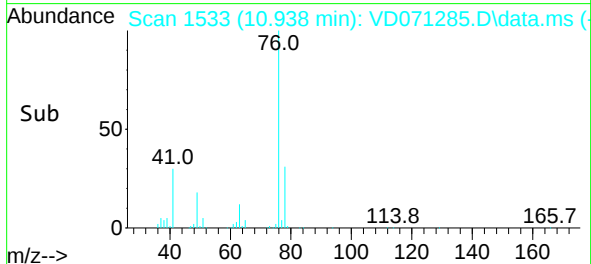
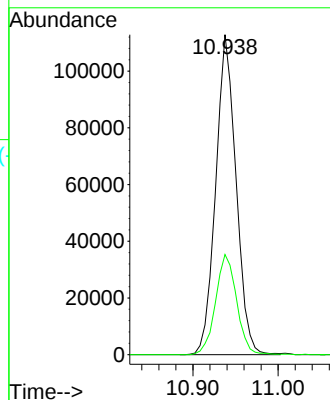
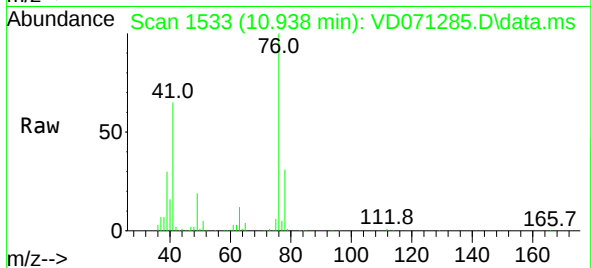
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021

Supervised By :Amit Patel 12/13/2021



#58

2-Chloroethyl Vinyl ether

Concen: 268.293 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071285.D

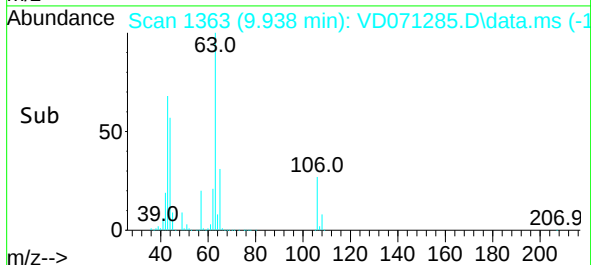
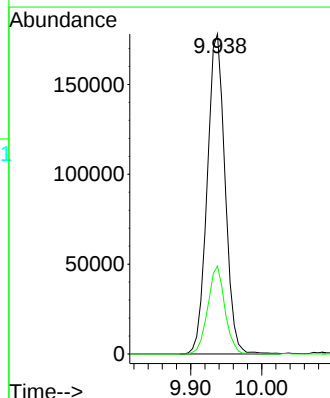
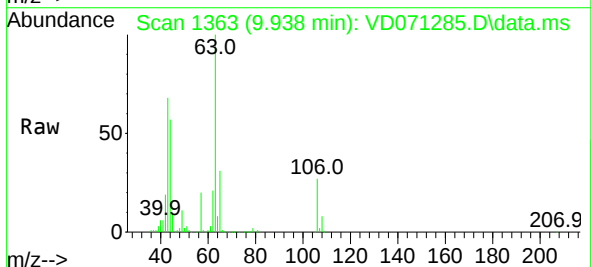
Acq: 11 Dec 2021 22:27

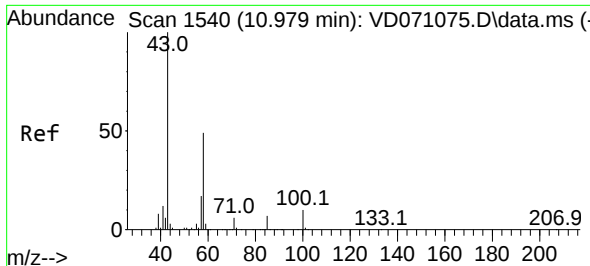
Tgt Ion: 63 Resp: 310199

Ion Ratio Lower Upper

63 100

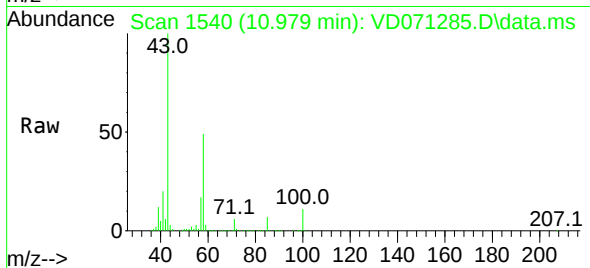
106 26.4 21.0 31.4





#59
2-Hexanone
Concen: 290.946 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

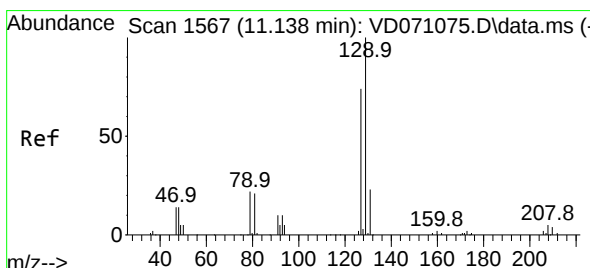
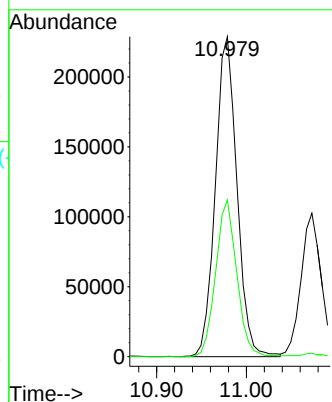
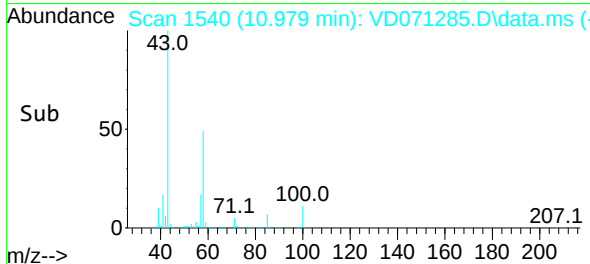
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38161
Ion Ratio Lower Upper
43 100
58 47.9 28.7 86.1

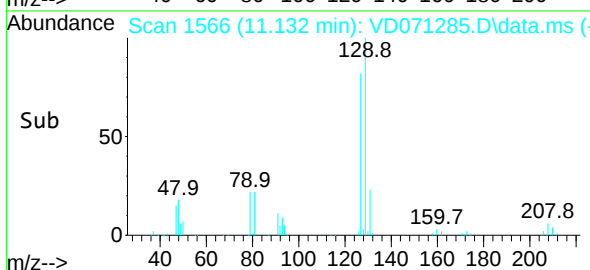
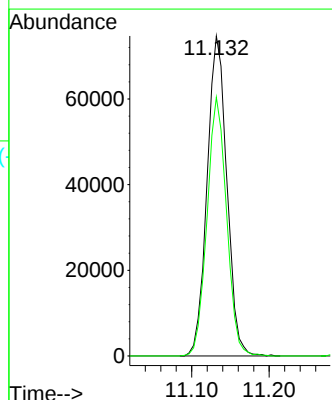
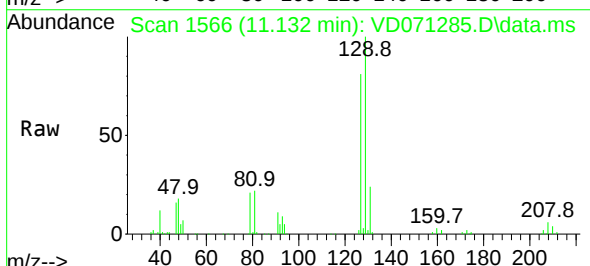
Manual Integrations
APPROVED

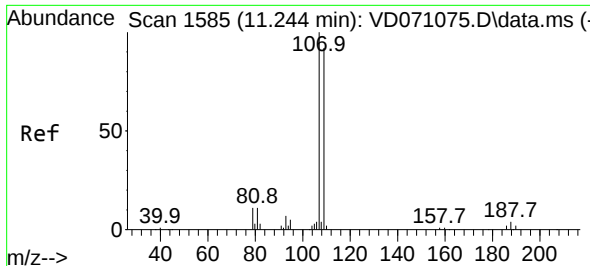
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#60
Dibromochloromethane
Concen: 62.570 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

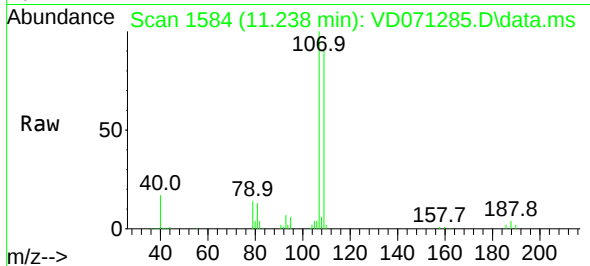
Tgt Ion:129 Resp: 132130
Ion Ratio Lower Upper
129 100
127 79.9 38.9 116.6





#61
1,2-Dibromoethane
Concen: 62.879 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

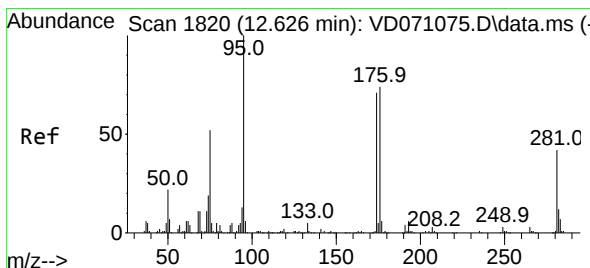
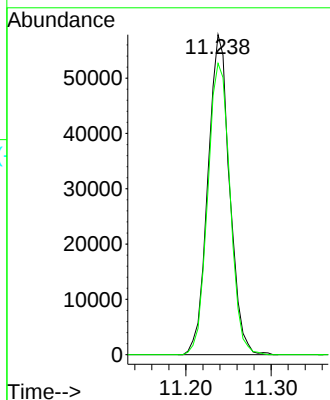
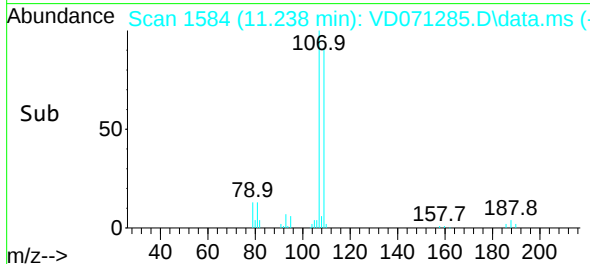
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



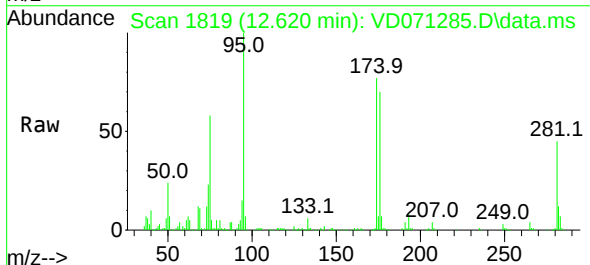
Tgt Ion:107 Resp: 10260
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

Manual Integrations
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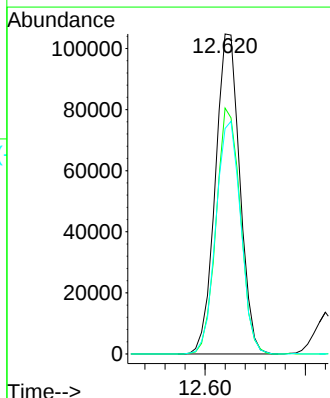
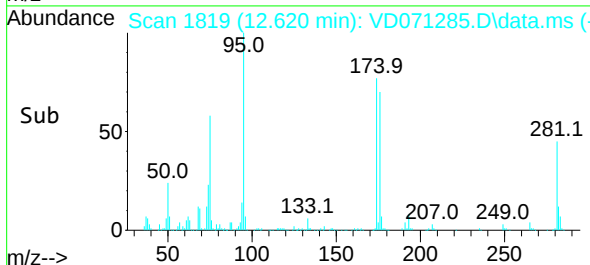
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

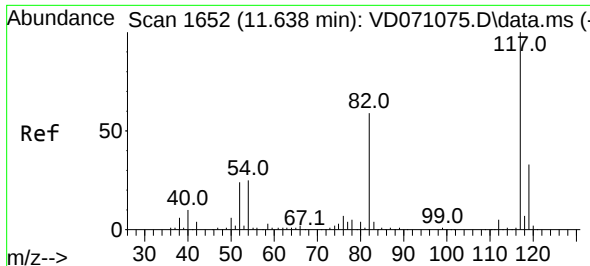


#62
4-Bromofluorobenzene
Concen: 56.462 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



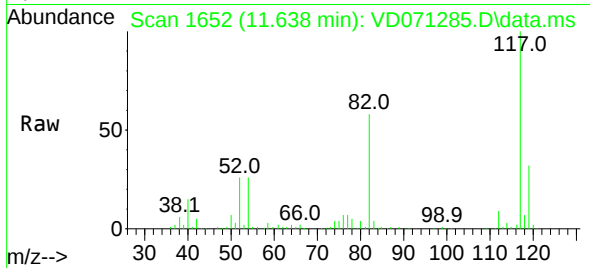
Tgt Ion: 95 Resp: 177342
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.8 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

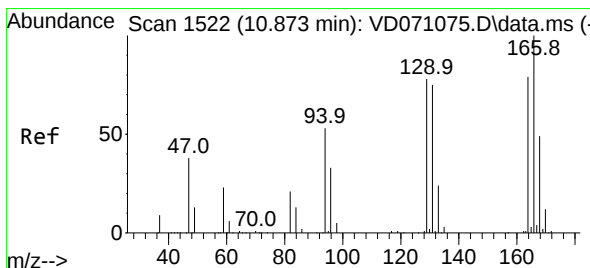
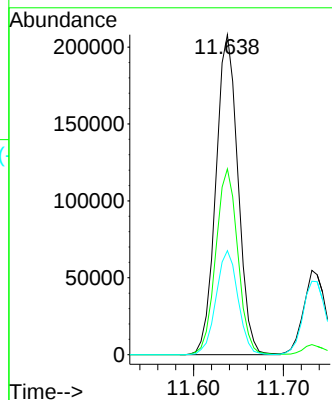
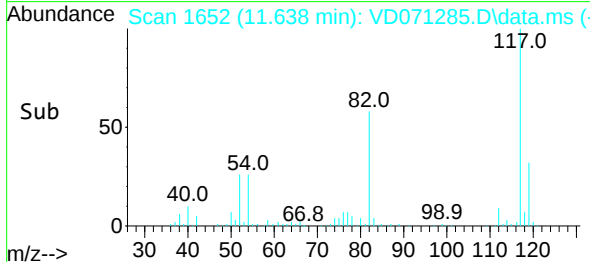
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



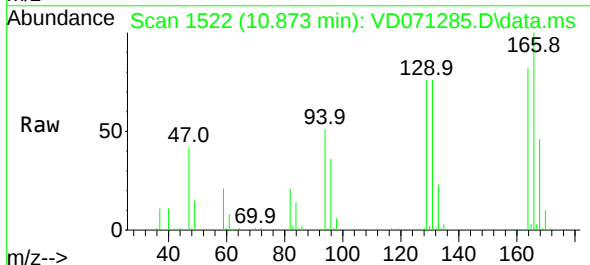
Tgt Ion:117 Resp: 35629
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 32.5 26.2 39.4

Manual Integrations
APPROVED

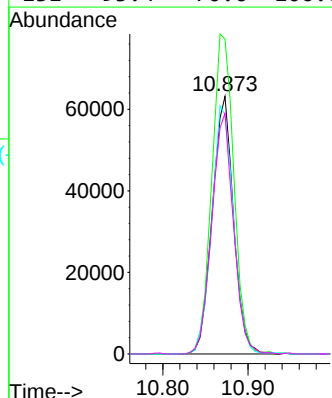
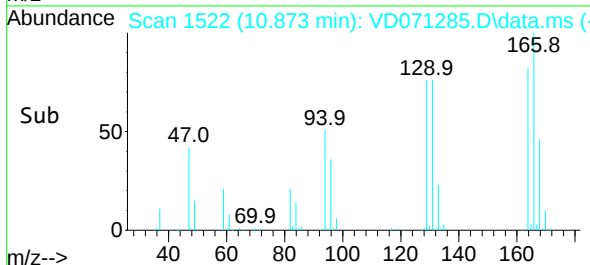
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

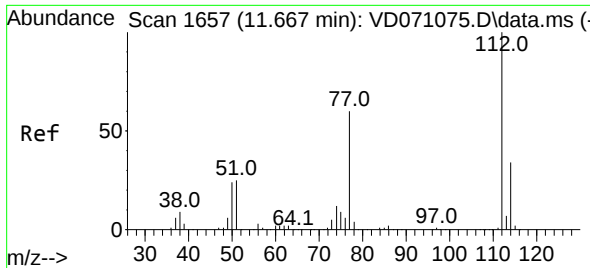


#64
Tetrachloroethene
Concen: 48.428 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



Tgt Ion:164 Resp: 109540
Ion Ratio Lower Upper
164 100
166 122.2 102.6 153.8
129 92.8 75.4 113.0
131 93.4 70.6 106.0





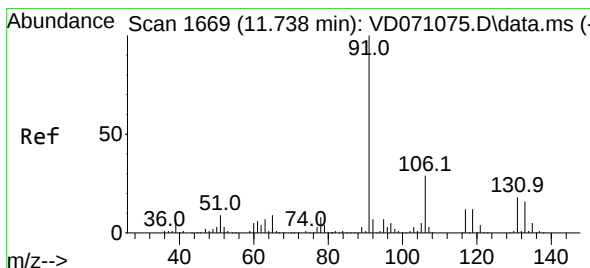
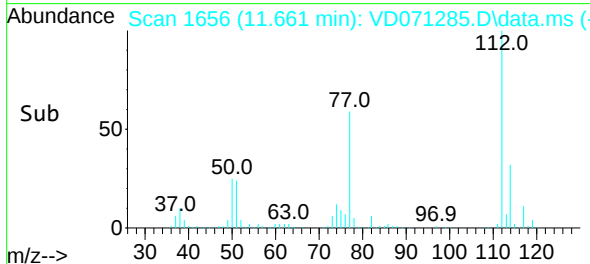
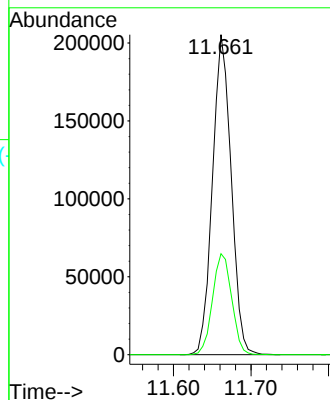
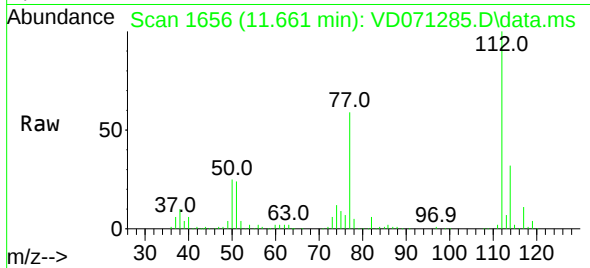
#65
Chlorobenzene
Concen: 52.044 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 344052
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0

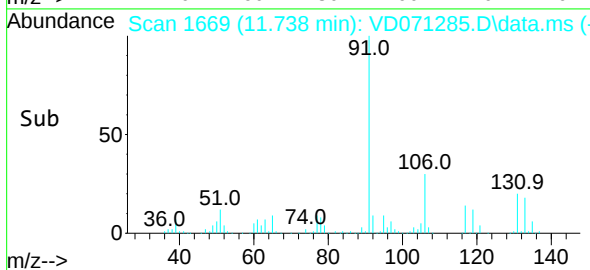
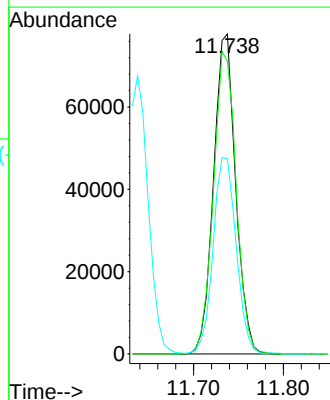
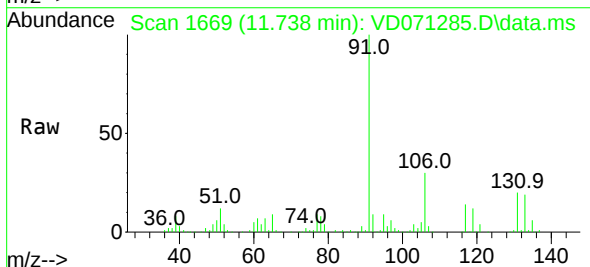
Manual Integrations
APPROVED

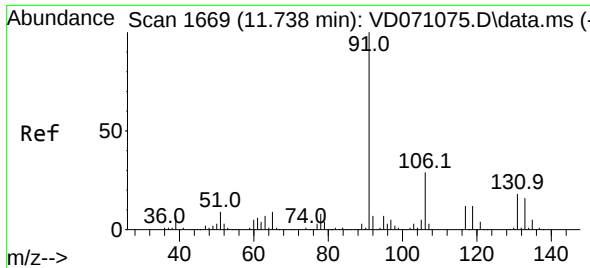
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 55.076 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

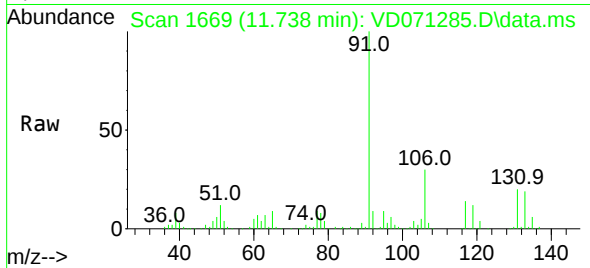
Tgt Ion:131 Resp: 132938
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 64.1 33.5 100.4





#67
Ethyl Benzene
Concen: 50.215 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

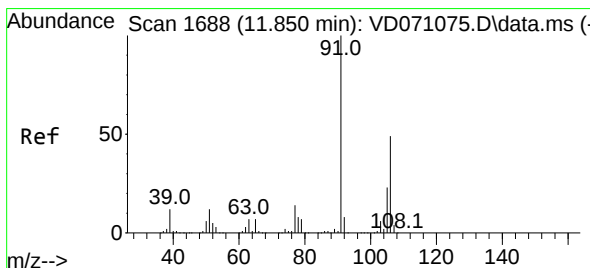
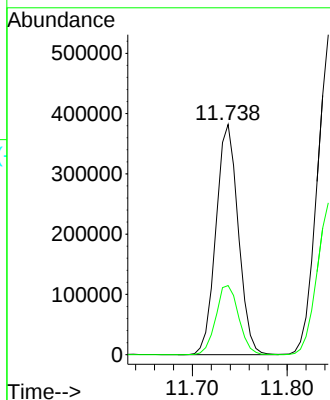
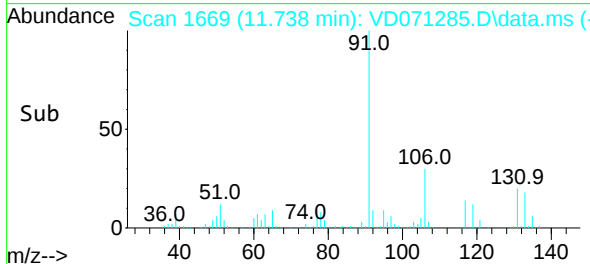
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



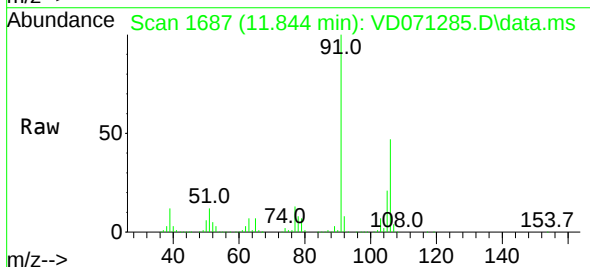
Tgt Ion: 91 Resp: 62492
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8

Manual Integrations
APPROVED

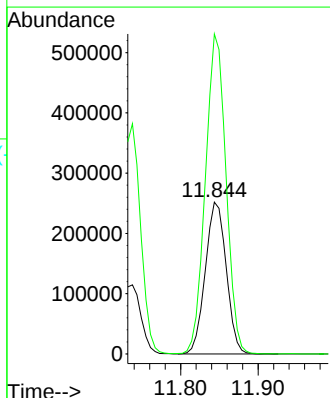
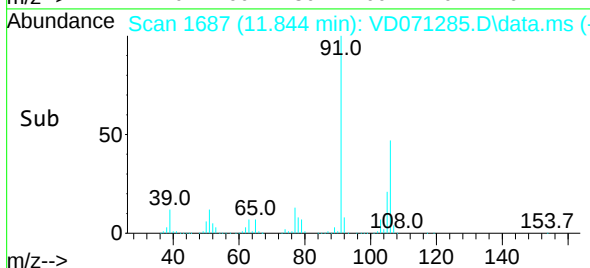
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

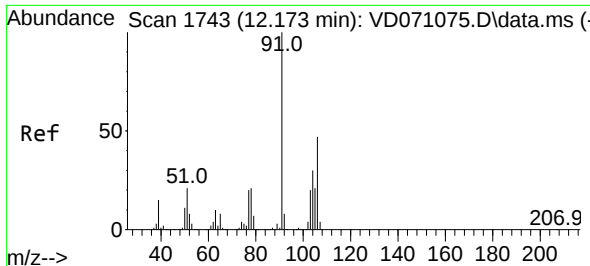


#68
m/p-Xylenes
Concen: 100.718 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



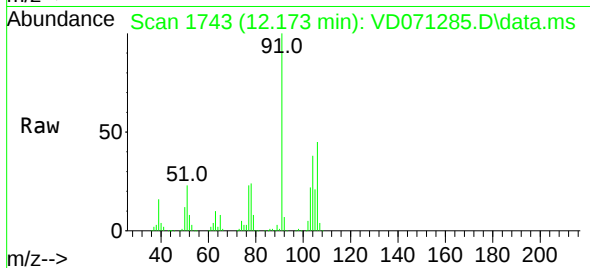
Tgt Ion:106 Resp: 473209
Ion Ratio Lower Upper
106 100
91 207.6 160.1 240.1





#69
o-Xylene
Concen: 51.501 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

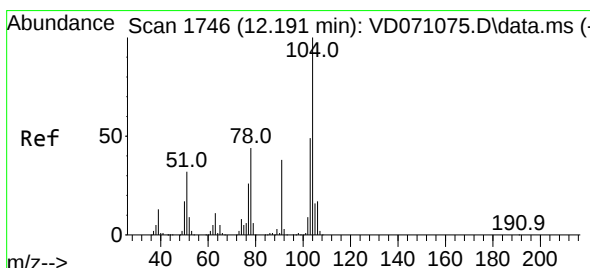
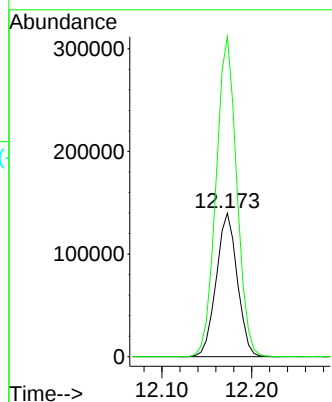
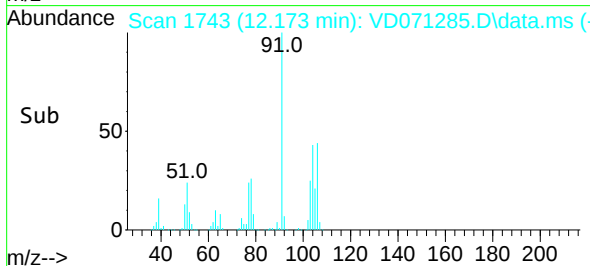
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 22742
Ion Ratio Lower Upper
106 100
91 219.9 106.3 319.0

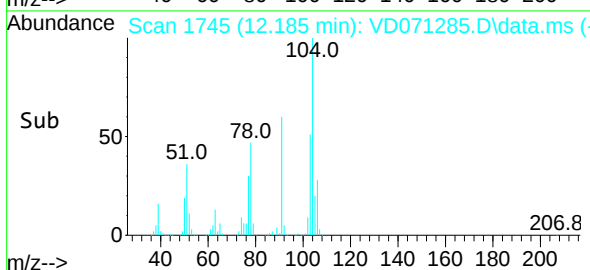
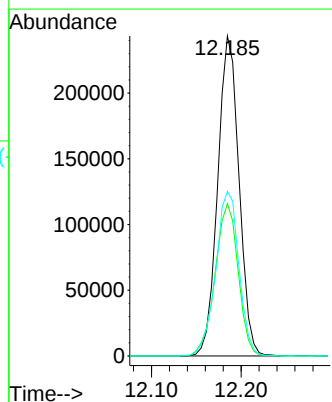
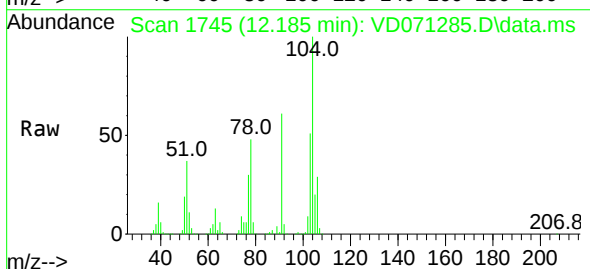
Manual Integrations
APPROVED

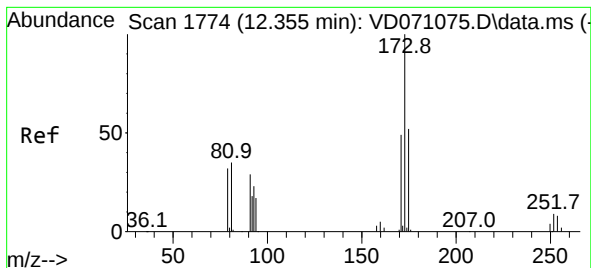
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#70
Styrene
Concen: 53.907 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

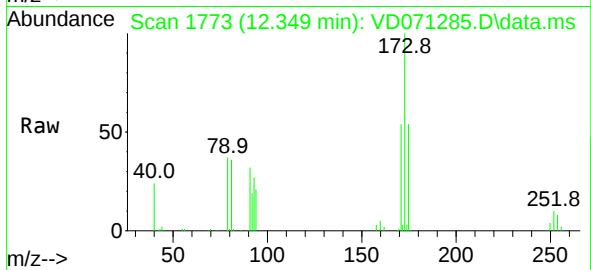
Tgt Ion:104 Resp: 401198
Ion Ratio Lower Upper
104 100
78 51.6 39.4 59.0
103 55.8 43.4 65.0





#71
Bromoform
Concen: 62.861 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

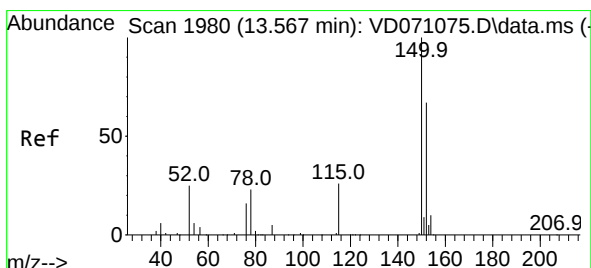
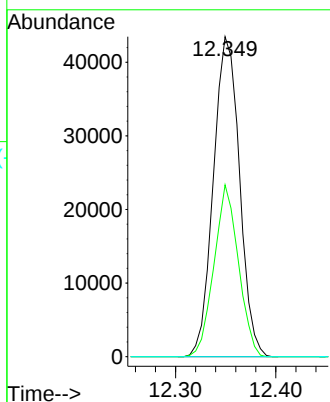
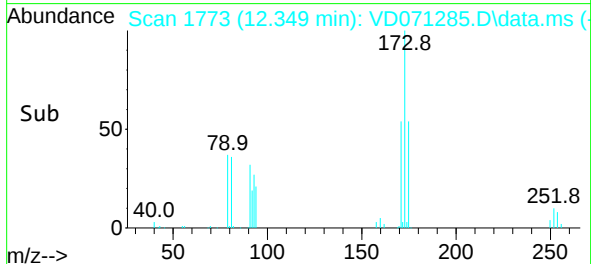
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



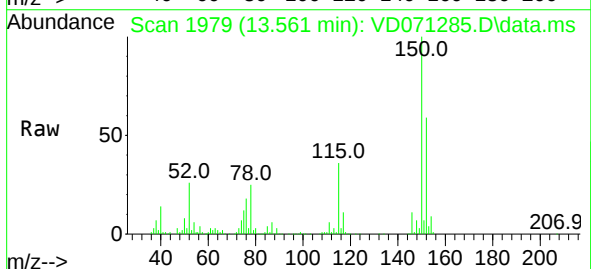
Tgt Ion:173 Resp: 78600
Ion Ratio Lower Upper
173 100
175 50.1 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

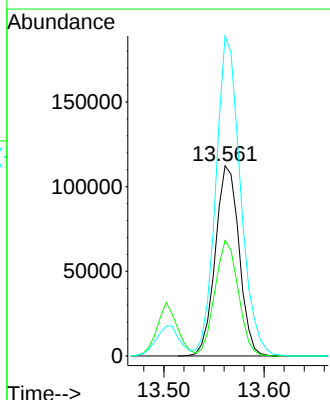
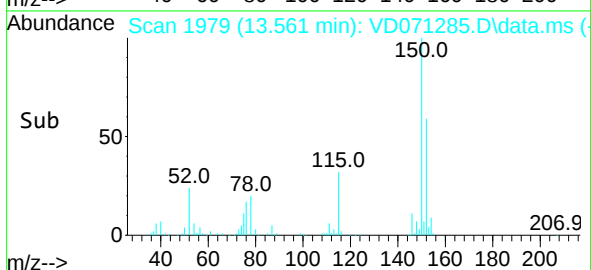
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

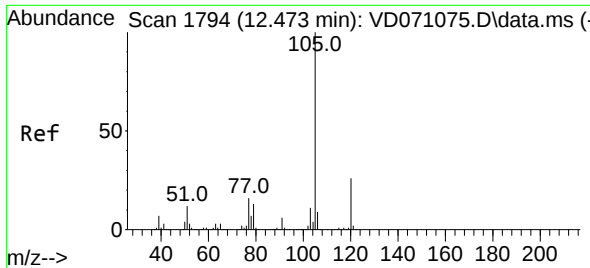


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



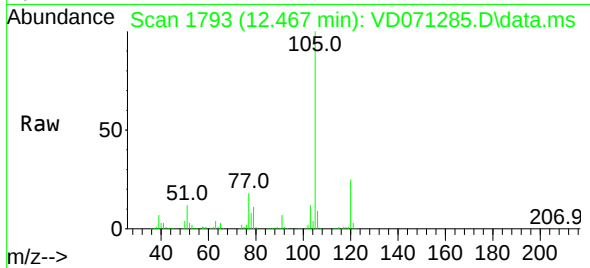
Tgt Ion:152 Resp: 184730
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 174.6 0.0 349.2





#73
Isopropylbenzene
Concen: 44.813 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

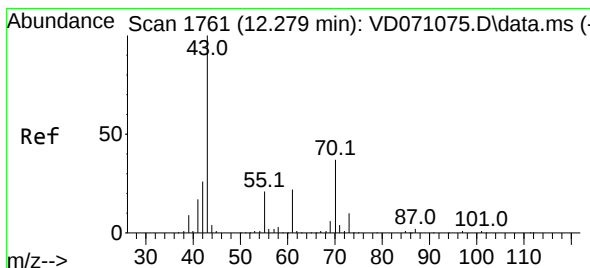
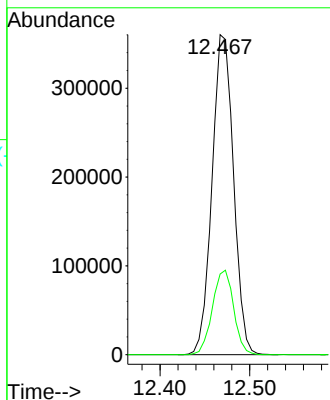
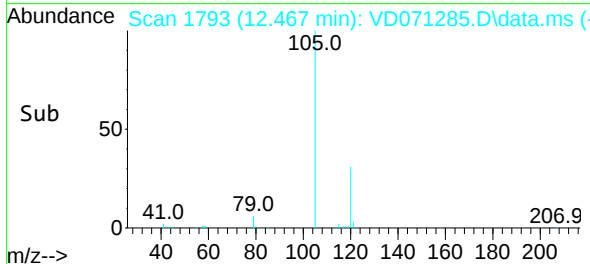
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 59941
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

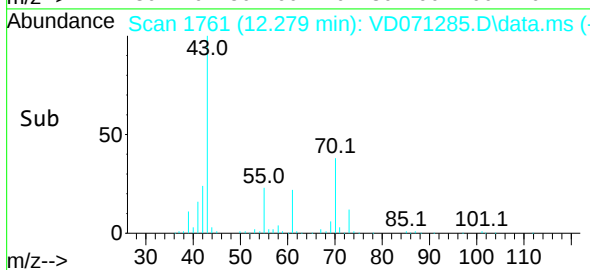
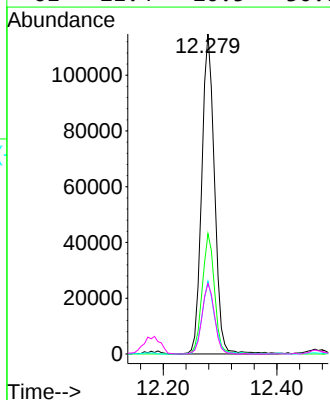
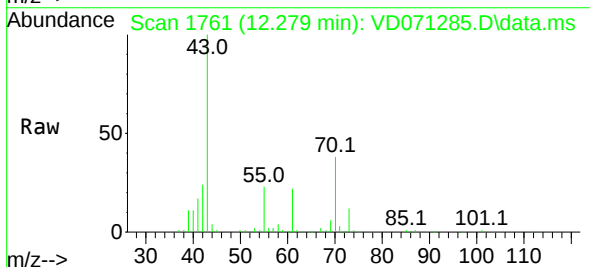
Manual Integrations
APPROVED

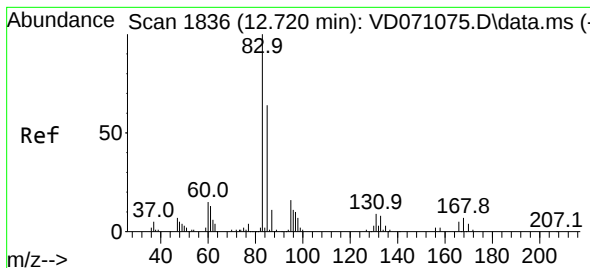
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#74
N-ethyl acetate
Concen: 49.022 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

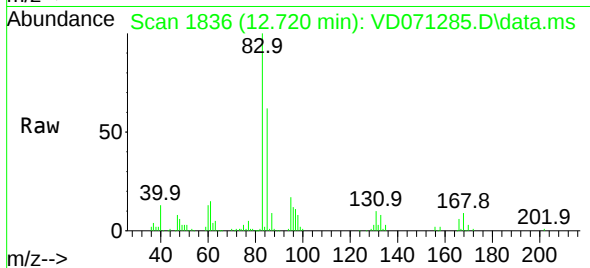
Tgt Ion: 43 Resp: 179065
Ion Ratio Lower Upper
43 100
70 35.9 36.6 55.0#
55 22.2 22.5 33.7#
61 21.4 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 59.739 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

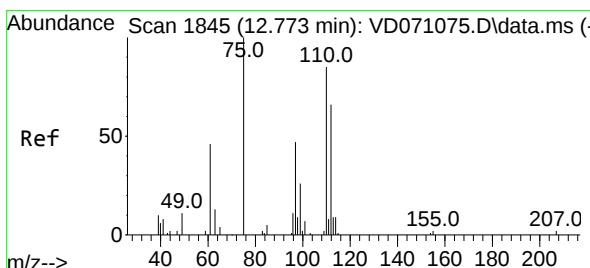
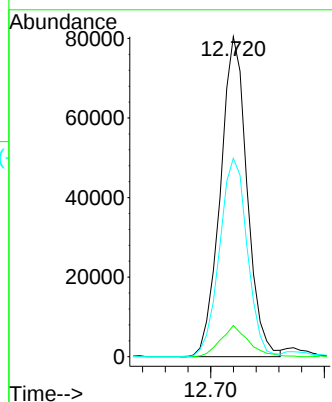
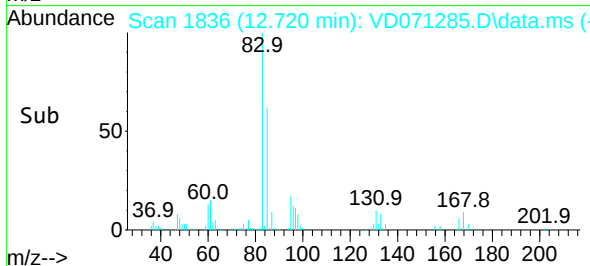
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



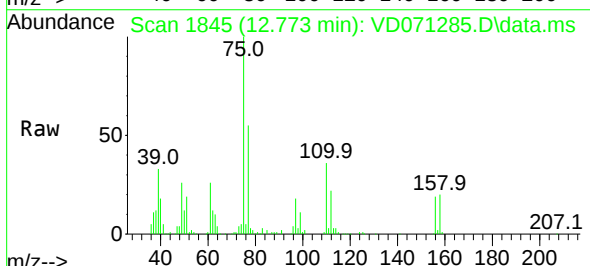
Tgt Ion: 83 Resp: 131590
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 64.1 32.0 96.2

Manual Integrations
APPROVED

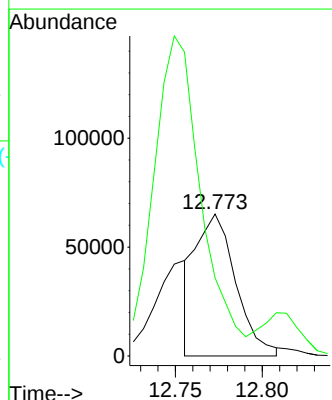
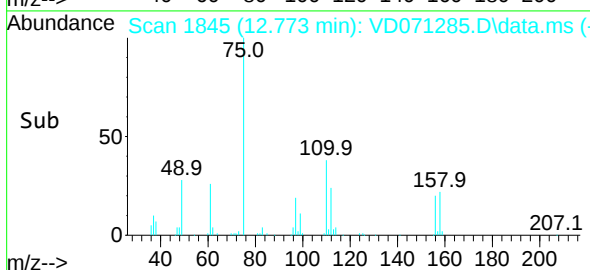
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

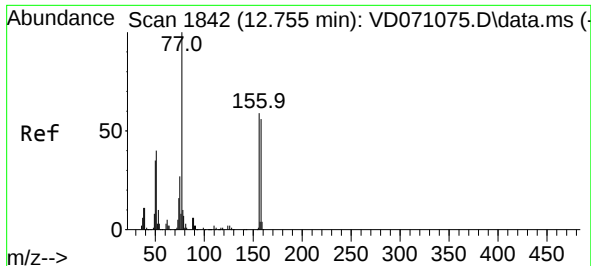


#76
1,2,3-Trichloropropane
Concen: 59.375 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



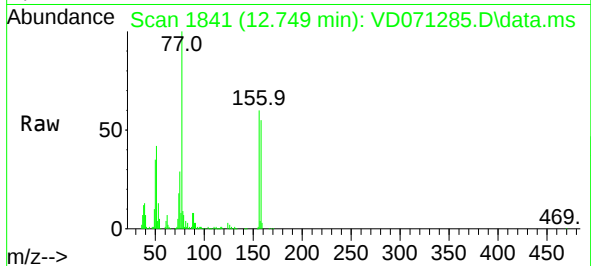
Tgt Ion: 75 Resp: 104502
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 48.860 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

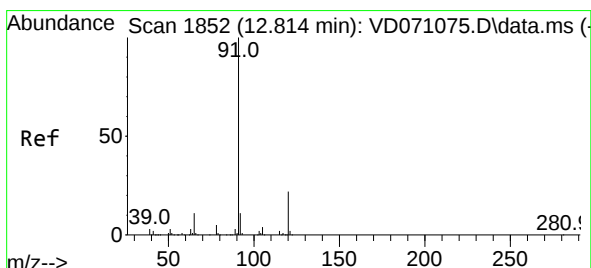
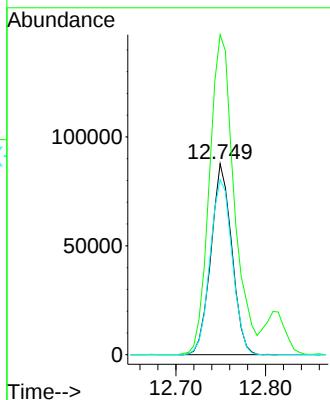
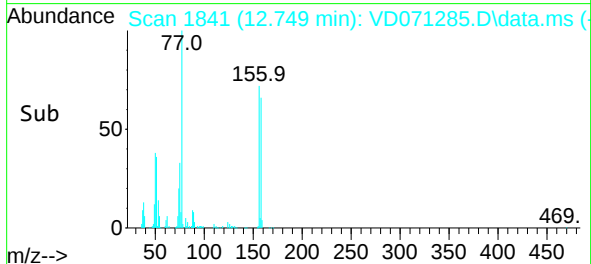
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



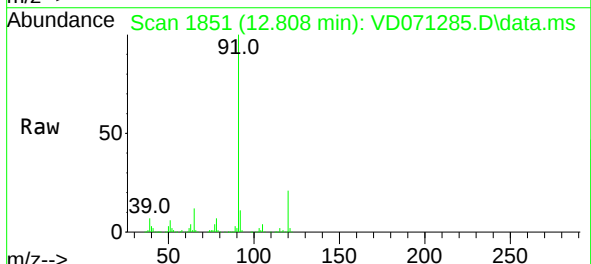
Tgt Ion:156 Resp: 14155
Ion Ratio Lower Upper
156 100
77 198.2 96.6 289.8
158 97.3 49.1 147.4

Manual Integrations
APPROVED

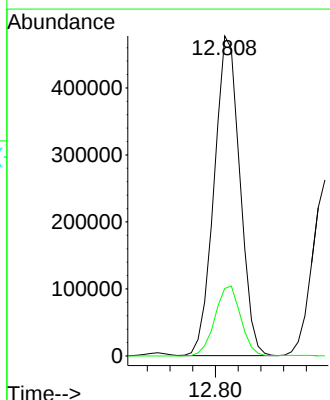
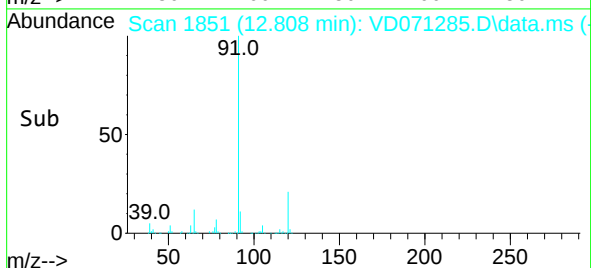
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

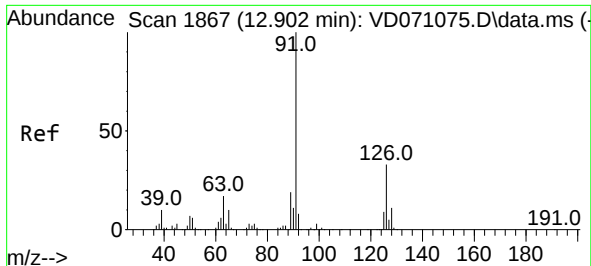


#78
n-propylbenzene
Concen: 45.076 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



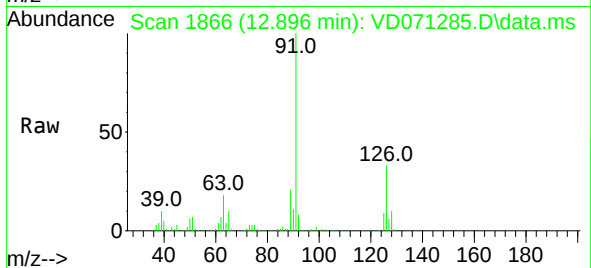
Tgt Ion: 91 Resp: 750857
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





#79
2-Chlorotoluene
Concen: 46.445 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

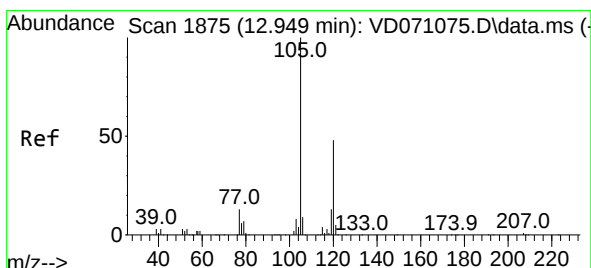
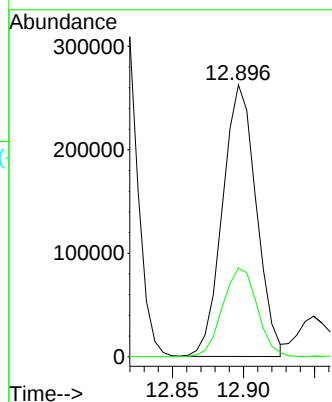
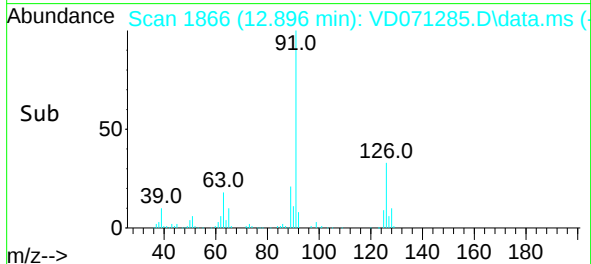
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 43422
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

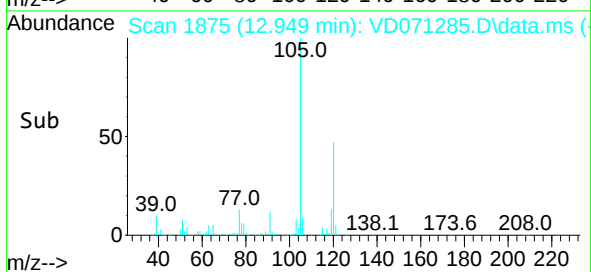
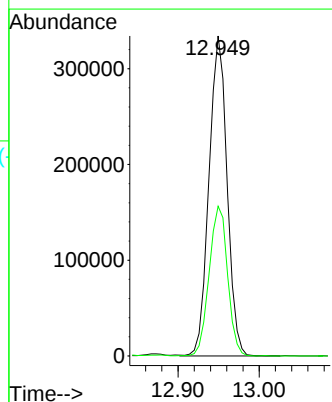
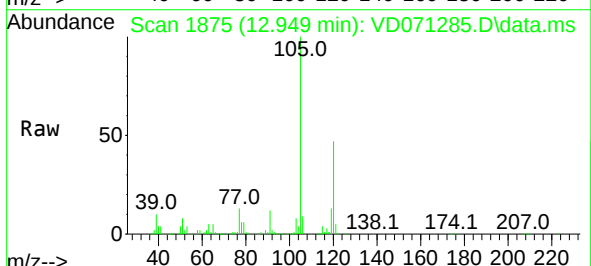
Manual Integrations
APPROVED

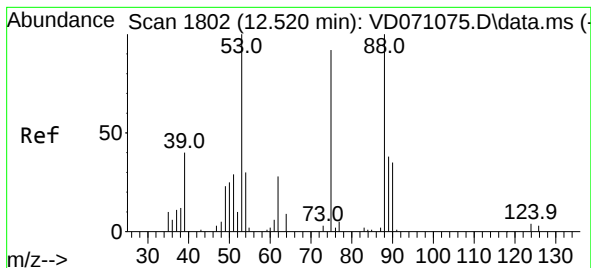
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#80
1,3,5-Trimethylbenzene
Concen: 46.882 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

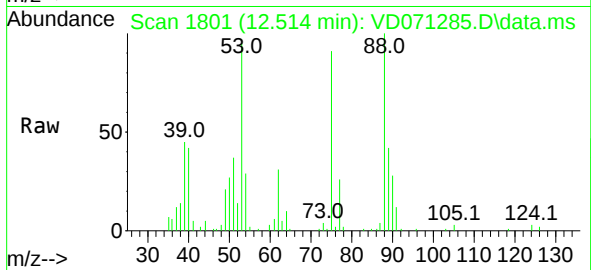
Tgt Ion:105 Resp: 517116
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.933 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

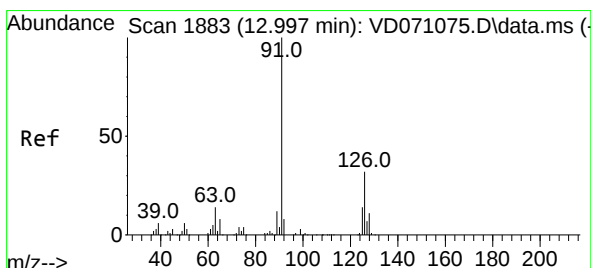
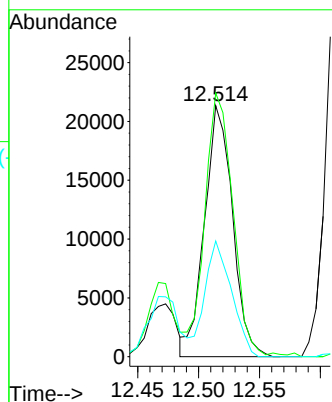
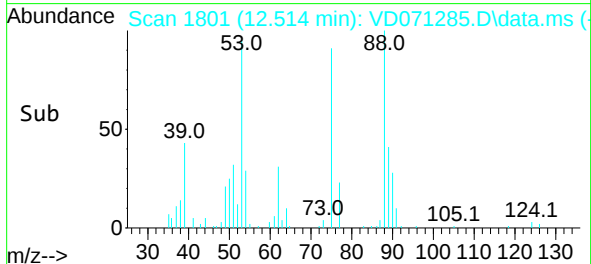
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3416
Ion Ratio Lower Upper
75 100
53 107.1 62.6 94.0
89 44.4 34.5 51.7

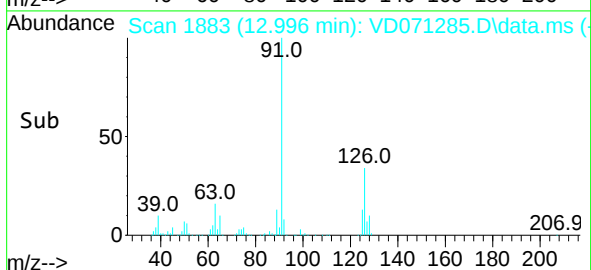
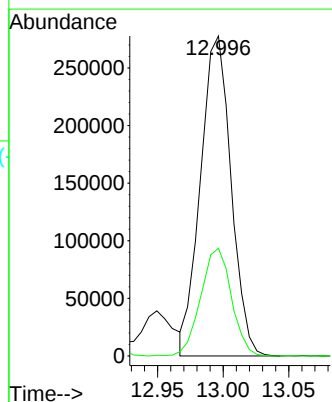
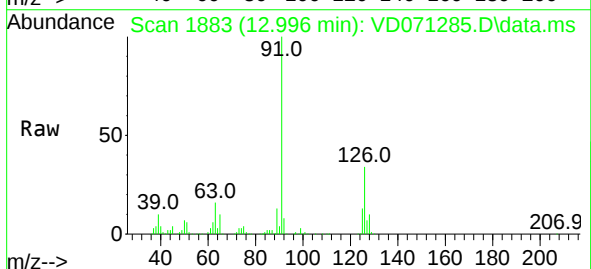
Manual Integrations
APPROVED

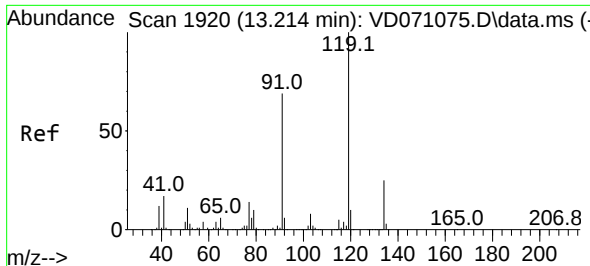
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#82
4-Chlorotoluene
Concen: 46.407 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

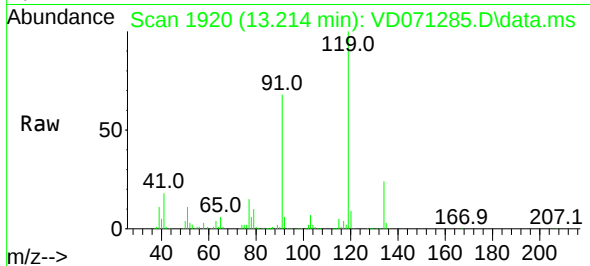
Tgt Ion: 91 Resp: 450421
Ion Ratio Lower Upper
91 100
126 33.9 16.4 49.1





#83
tert-Butylbenzene
Concen: 46.196 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

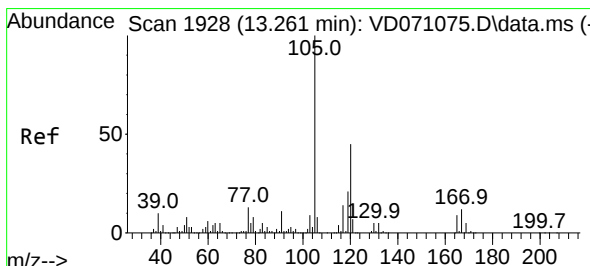
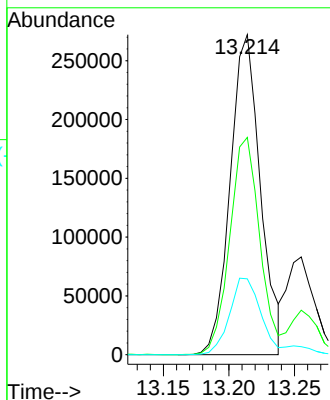
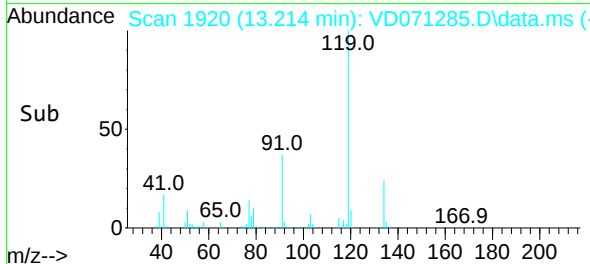
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



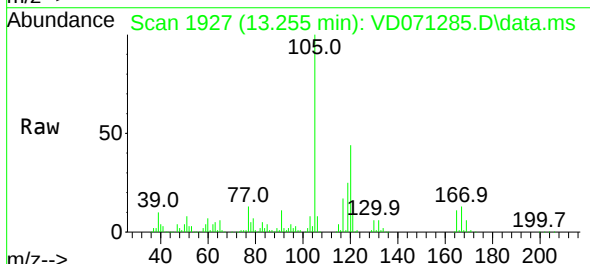
Tgt Ion:119 Resp: 437600
Ion Ratio Lower Upper
119 100
91 67.1 32.5 97.5
134 25.0 13.2 39.6

Manual Integrations
APPROVED

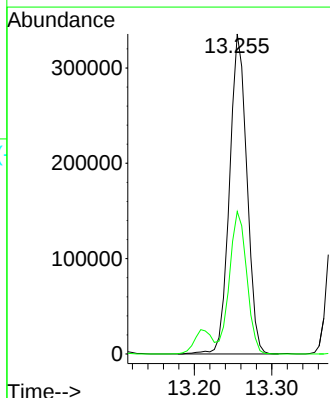
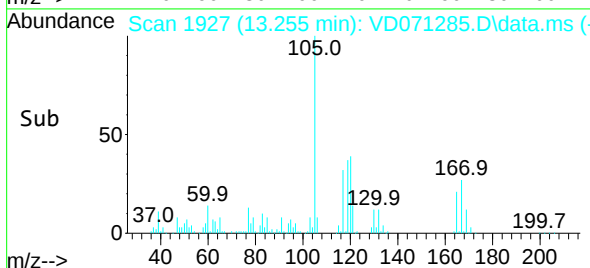
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

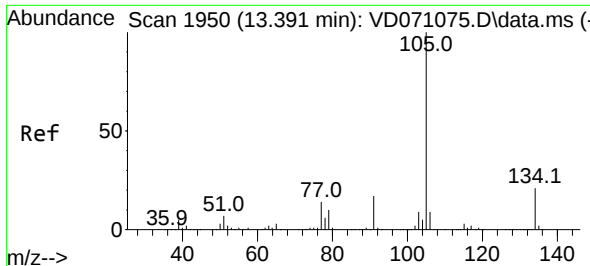


#84
1,2,4-Trimethylbenzene
Concen: 48.583 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



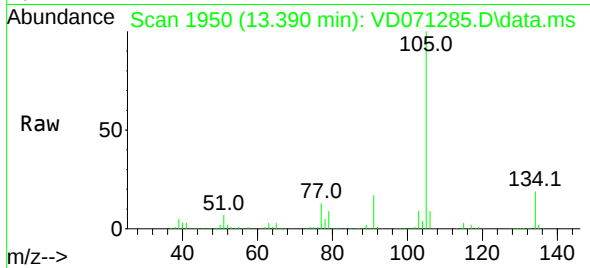
Tgt Ion:105 Resp: 523173
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 45.496 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071285.D
 Acq: 11 Dec 2021 22:27

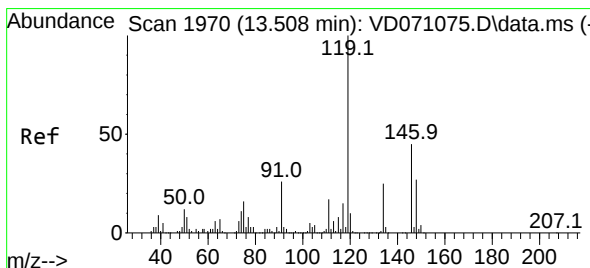
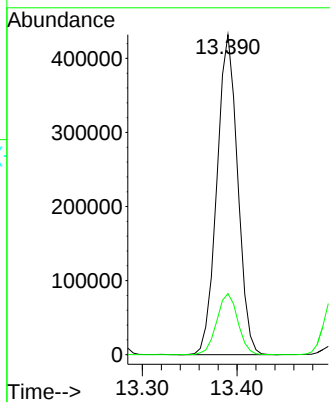
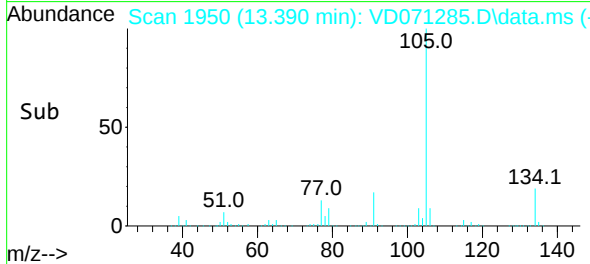
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



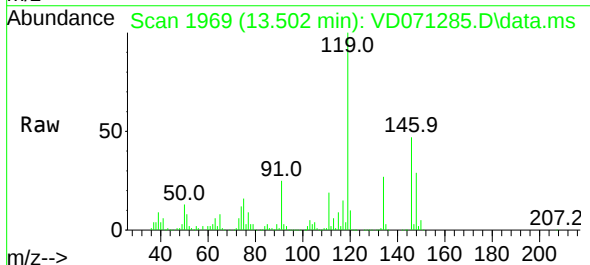
Tgt Ion:105 Resp: 658235
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

Manual Integrations
 APPROVED

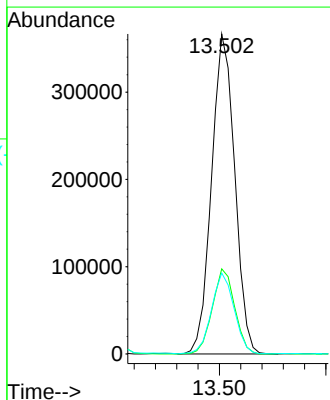
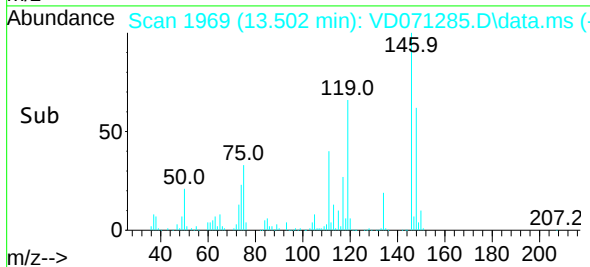
Reviewed By :Semsettin Yesilyurt 12/12/2021
 Supervised By :Amit Patel 12/13/2021

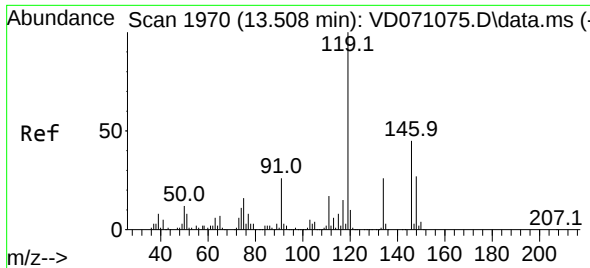


#86
 p-Isopropyltoluene
 Concen: 46.735 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071285.D
 Acq: 11 Dec 2021 22:27



Tgt Ion:119 Resp: 553035
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 24.7 11.4 34.2





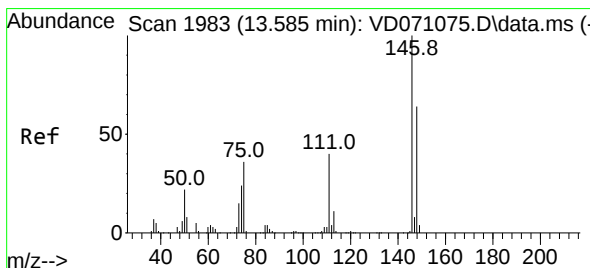
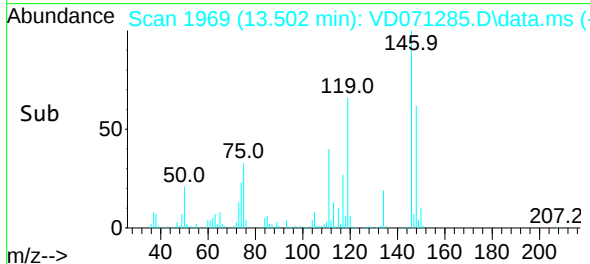
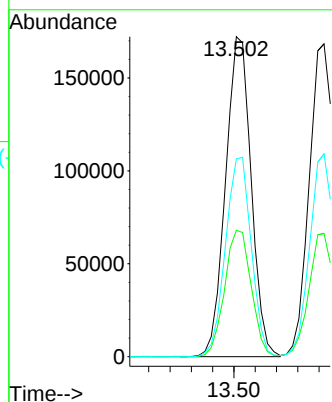
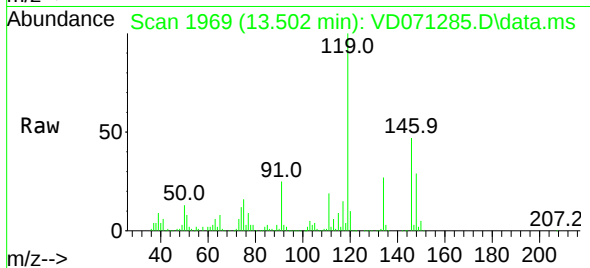
#87
1,3-Dichlorobenzene
Concen: 49.891 ug/l
RT: 13.502 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 287730
Ion Ratio Lower Upper
146 100
111 41.0 19.8 59.4
148 62.8 32.1 96.3

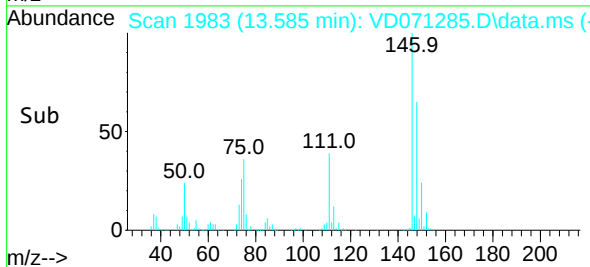
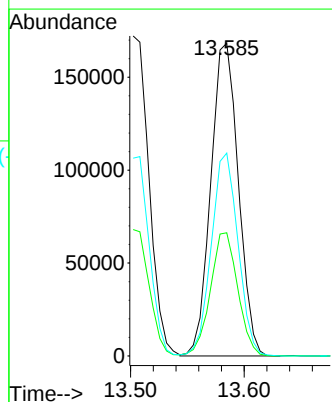
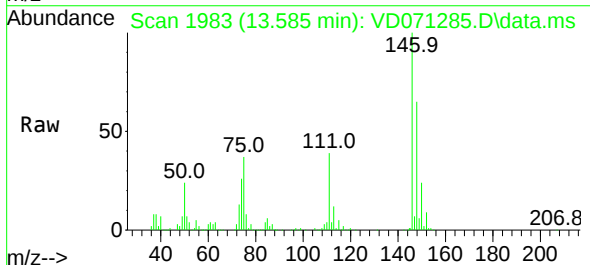
Manual Integrations
APPROVED

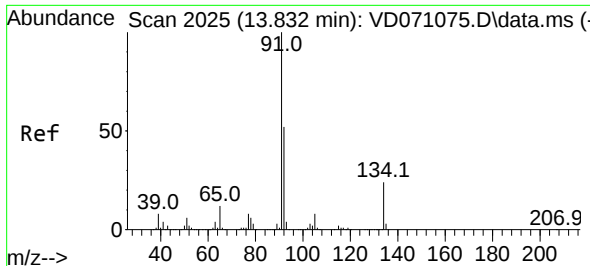
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#88
1,4-Dichlorobenzene
Concen: 49.696 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

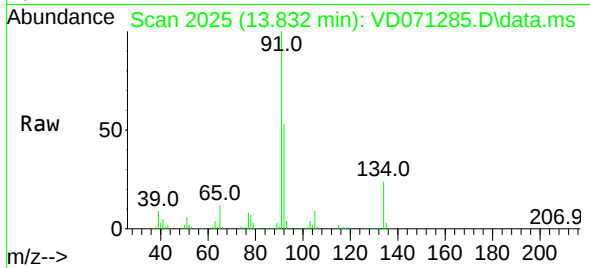
Tgt Ion:146 Resp: 283963
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 62.9 31.5 94.5





#89
n-Butylbenzene
Concen: 46.293 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

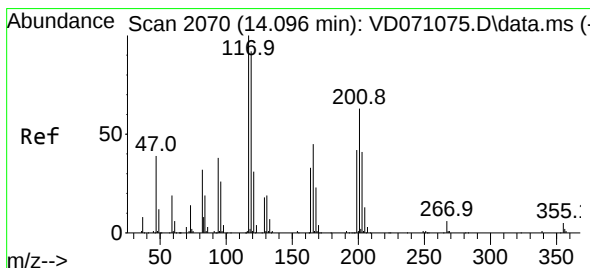
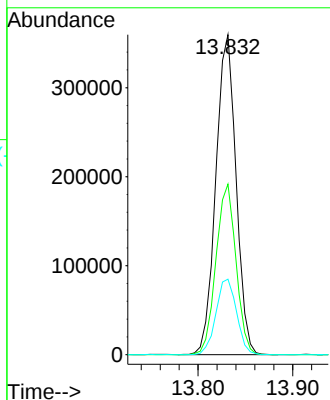
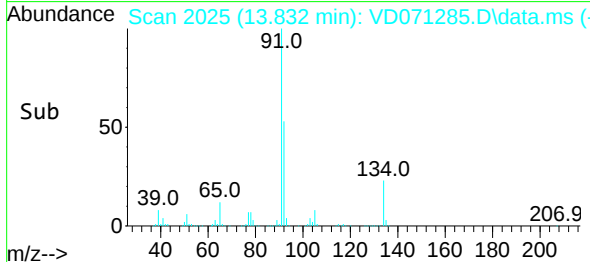
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 534752
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 24.1 12.3 36.9

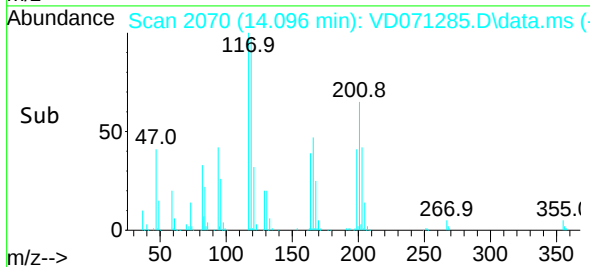
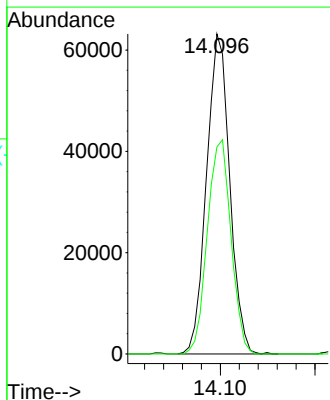
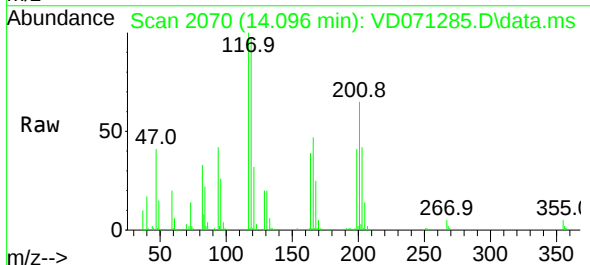
Manual Integrations
APPROVED

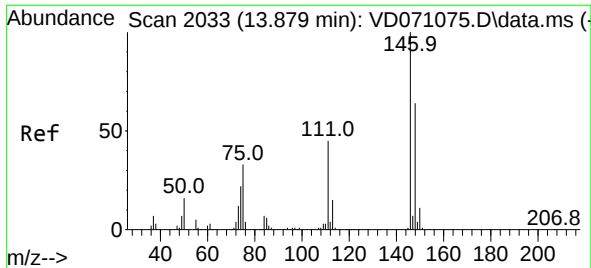
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#90
Hexachloroethane
Concen: 47.813 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

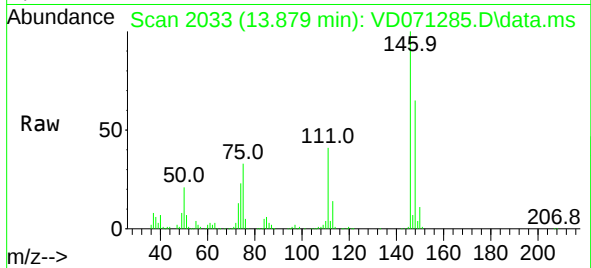
Tgt Ion:117 Resp: 107255
Ion Ratio Lower Upper
117 100
201 68.1 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 51.391 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

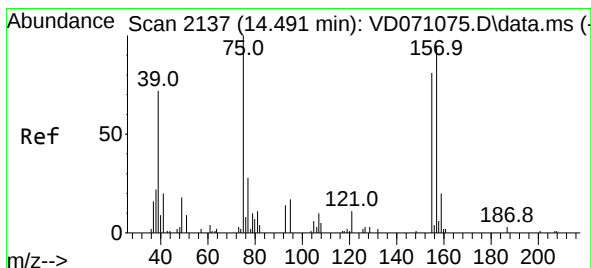
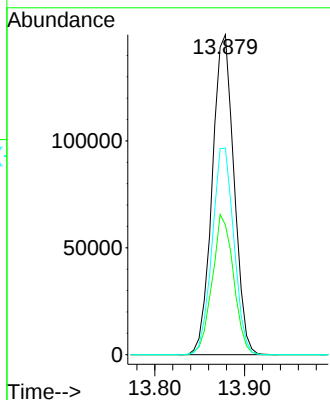
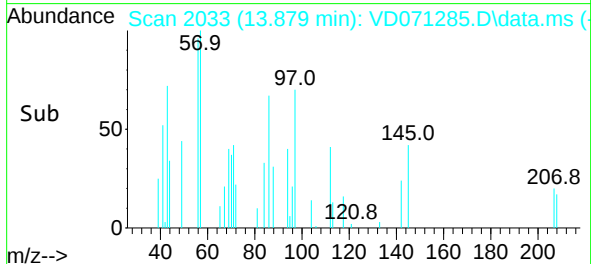
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 252050
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.2
148 64.5 31.7 95.1

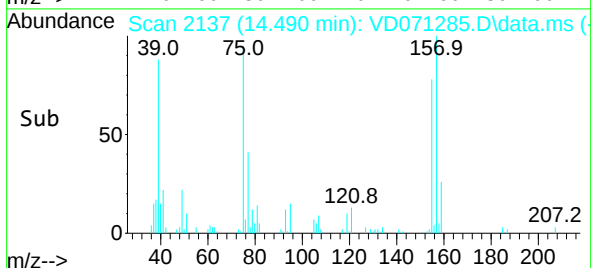
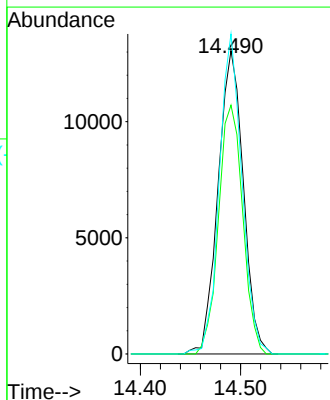
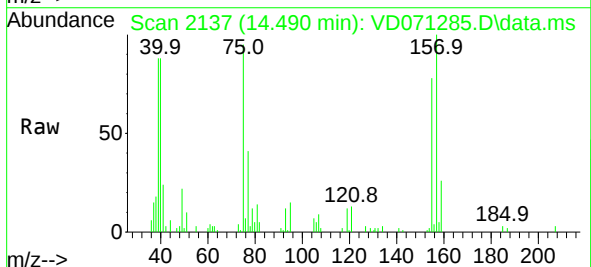
Manual Integrations
APPROVED

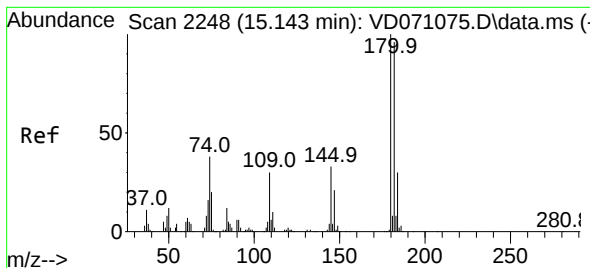
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 63.574 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

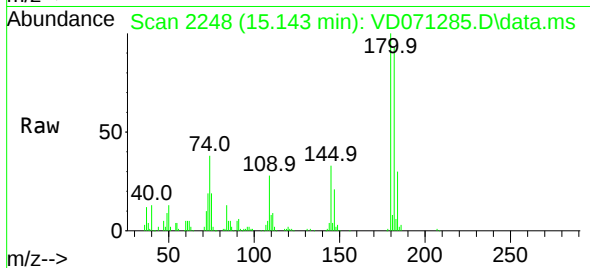
Tgt Ion: 75 Resp: 22805
Ion Ratio Lower Upper
75 100
155 78.7 40.0 120.0
157 94.7 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 48.168 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27

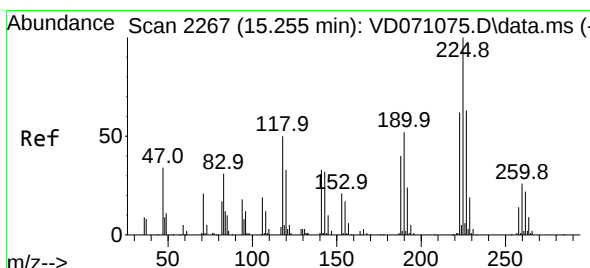
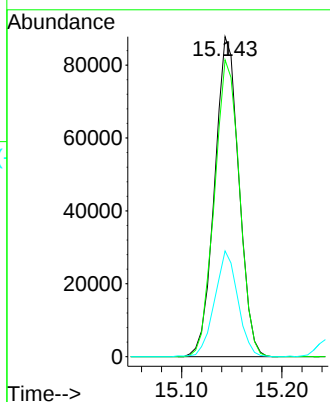
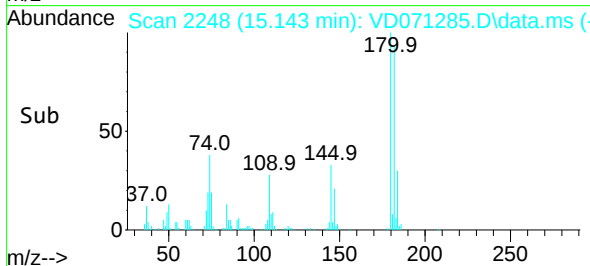
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



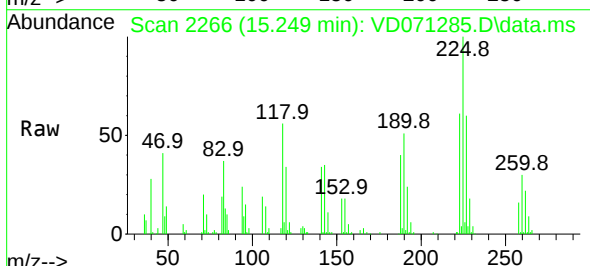
Tgt Ion:180 Resp: 147362
Ion Ratio Lower Upper
180 100
182 95.6 48.2 144.6
145 31.6 15.4 46.2

Manual Integrations
APPROVED

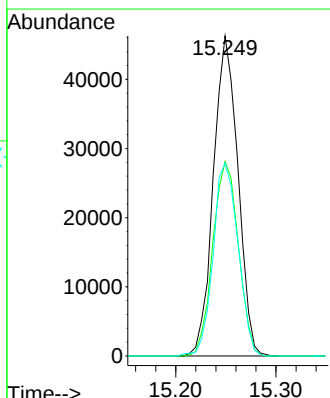
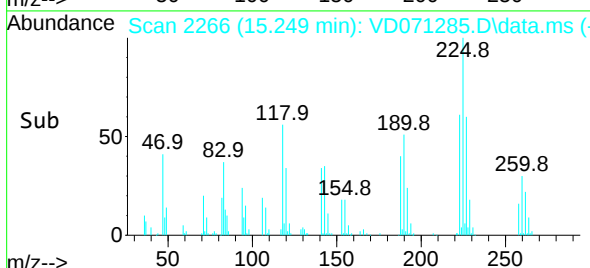
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

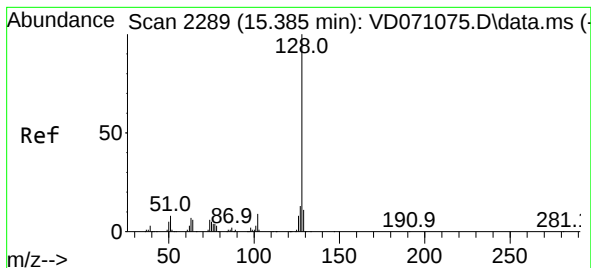


#94
Hexachlorobutadiene
Concen: 45.368 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071285.D
Acq: 11 Dec 2021 22:27



Tgt Ion:225 Resp: 78532
Ion Ratio Lower Upper
225 100
223 63.3 31.8 95.3
227 61.3 31.6 94.8





#95

Naphthalene

Concen: 61.150 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. -0.001 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 329790

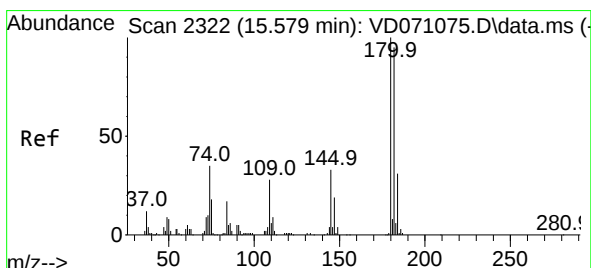
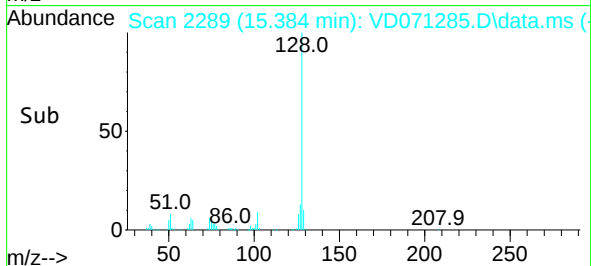
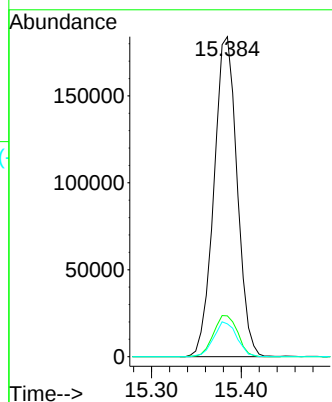
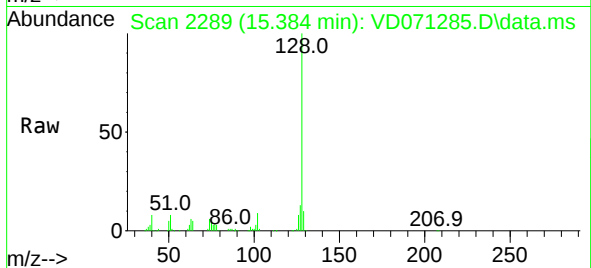
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021

Supervised By :Amit Patel 12/13/2021



#96

1,2,3-Trichlorobenzene

Concen: 50.990 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD071285.D

Acq: 11 Dec 2021 22:27

Tgt Ion:180 Resp: 132493

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.7	140.1
145	33.5	15.9	47.6

