

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071402.D
 Acq On : 21 Dec 2021 09:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 21 19:03:09 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	336079	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	566687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	503607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	246794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190804	48.384	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.908	113	187856	52.058	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.120%		
50) Toluene-d8	10.338	98	641175	46.690	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.380%		
62) 4-Bromofluorobenzene	12.626	95	247536	52.001	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	116206	40.547	ug/l	94
3) Chloromethane	2.215	50	159345	42.026	ug/l	95
4) Vinyl Chloride	2.356	62	196254	46.394	ug/l	100
5) Bromomethane	2.779	94	140886	46.201	ug/l	96
6) Chloroethane	2.926	64	144725	49.743	ug/l	92
7) Trichlorofluoromethane	3.279	101	298155	52.030	ug/l	95
8) Diethyl Ether	3.709	74	82410	53.048	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	180275	53.323	ug/l	96
10) Methyl Iodide	4.303	142	177025	45.494	ug/l	96
11) Tert butyl alcohol	5.215	59	59037	227.617	ug/l #	83
12) 1,1-Dichloroethene	4.073	96	155795	49.935	ug/l	85
13) Acrolein	3.926	56	62066	230.313	ug/l	98
14) Allyl chloride	4.715	41	314925	53.142	ug/l #	79
15) Acrylonitrile	5.420	53	211625	280.106	ug/l	96
16) Acetone	4.150	43	262192	250.340	ug/l #	85
17) Carbon Disulfide	4.415	76	384388	42.080	ug/l	96
18) Methyl Acetate	4.715	43	151152	51.950	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	424922	55.573	ug/l	95
20) Methylene Chloride	4.967	84	202857	51.066	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	178266	50.758	ug/l	85
22) Diisopropyl ether	6.362	45	668966	56.342	ug/l	92
23) Vinyl Acetate	6.303	43	1580388	246.558	ug/l	98
24) 1,1-Dichloroethane	6.267	63	378622	55.442	ug/l	99
25) 2-Butanone	7.209	43	300791	248.855	ug/l	92
26) 2,2-Dichloropropane	7.209	77	327482	52.735	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	215385	54.209	ug/l	89
28) Bromochloromethane	7.544	49	157650	53.149	ug/l	92
29) Tetrahydrofuran	7.556	42	171394	273.710	ug/l	92
30) Chloroform	7.703	83	390885	57.032	ug/l	97
31) Cyclohexane	7.979	56	317453	47.326	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	341605	55.515	ug/l	94
36) 1,1-Dichloropropene	8.108	75	278533	52.589	ug/l	98
37) Ethyl Acetate	7.285	43	125493	54.852	ug/l #	91
38) Carbon Tetrachloride	8.097	117	293394	56.195	ug/l	94
39) Methylcyclohexane	9.350	83	318827	50.048	ug/l	97
40) Benzene	8.350	78	783763	54.479	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	83933	69.267	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	246534	56.140	ug/l	94
43) Isopropyl Acetate	8.444	43	256757	50.898	ug/l #	88
44) Trichloroethene	9.108	130	207244	54.028	ug/l	96
45) 1,2-Dichloropropane	9.385	63	214988	56.824	ug/l	94
46) Dibromomethane	9.467	93	110387	56.237	ug/l	93
47) Bromodichloromethane	9.655	83	300581	57.903	ug/l	99
48) Methyl methacrylate	9.450	41	123904	55.327	ug/l #	79
49) 1,4-Dioxane	9.455	88	22241	1173.789	ug/l #	86
51) 4-Methyl-2-Pentanone	10.220	43	642599	249.195	ug/l	91
52) Toluene	10.397	92	499023	54.669	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	267677	56.084	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	314883	55.542	ug/l #	76
55) 1,1,2-Trichloroethane	10.797	97	151352	58.777	ug/l	97
56) Ethyl methacrylate	10.655	69	182247	49.262	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	260046	57.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	453291	258.689	ug/l	100
59) 2-Hexanone	10.979	43	463047	239.833	ug/l	88
60) Dibromochloromethane	11.132	129	185045	57.820	ug/l	98
61) 1,2-Dibromoethane	11.238	107	138587	56.038	ug/l	99
64) Tetrachloroethene	10.867	164	164575	51.476	ug/l	96
65) Chlorobenzene	11.667	112	520057	55.656	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	200069	58.641	ug/l	99
67) Ethyl Benzene	11.738	91	987196	56.121	ug/l	100
68) m/p-Xylenes	11.849	106	749032	112.789	ug/l	97
69) o-Xylene	12.173	106	350965	56.229	ug/l	97
70) Styrene	12.185	104	595280	56.588	ug/l	96
71) Bromoform	12.355	173	100458	56.836	ug/l #	99
73) Isopropylbenzene	12.473	105	964153	53.954	ug/l	99
74) N-amyl acetate	12.279	43	224201	46.301	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	162226	55.126	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	110577m	47.027	ug/l	
77) Bromobenzene	12.749	156	205464	53.083	ug/l	98
78) n-propylbenzene	12.814	91	1201113	53.973	ug/l	100
79) 2-Chlorotoluene	12.896	91	654143	52.372	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	792856	53.805	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	48061	48.060	ug/l #	79
82) 4-Chlorotoluene	12.996	91	690483	53.250	ug/l	99
83) tert-Butylbenzene	13.214	119	686953	54.282	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	788806	54.829	ug/l	98
85) sec-Butylbenzene	13.391	105	1055209	54.592	ug/l	99
86) p-Isopropyltoluene	13.502	119	876508	55.444	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	415968	53.987	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	410076	53.719	ug/l	99
89) n-Butylbenzene	13.832	91	852784	55.259	ug/l	98
90) Hexachloroethane	14.102	117	165742	55.305	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	350663	53.517	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	25464	53.134	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	213473	52.230	ug/l	99
94) Hexachlorobutadiene	15.249	225	119175	51.534	ug/l	99
95) Naphthalene	15.385	128	383236	53.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	181918	52.404	ug/l	98

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Instrument :
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ClientSampleId :
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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

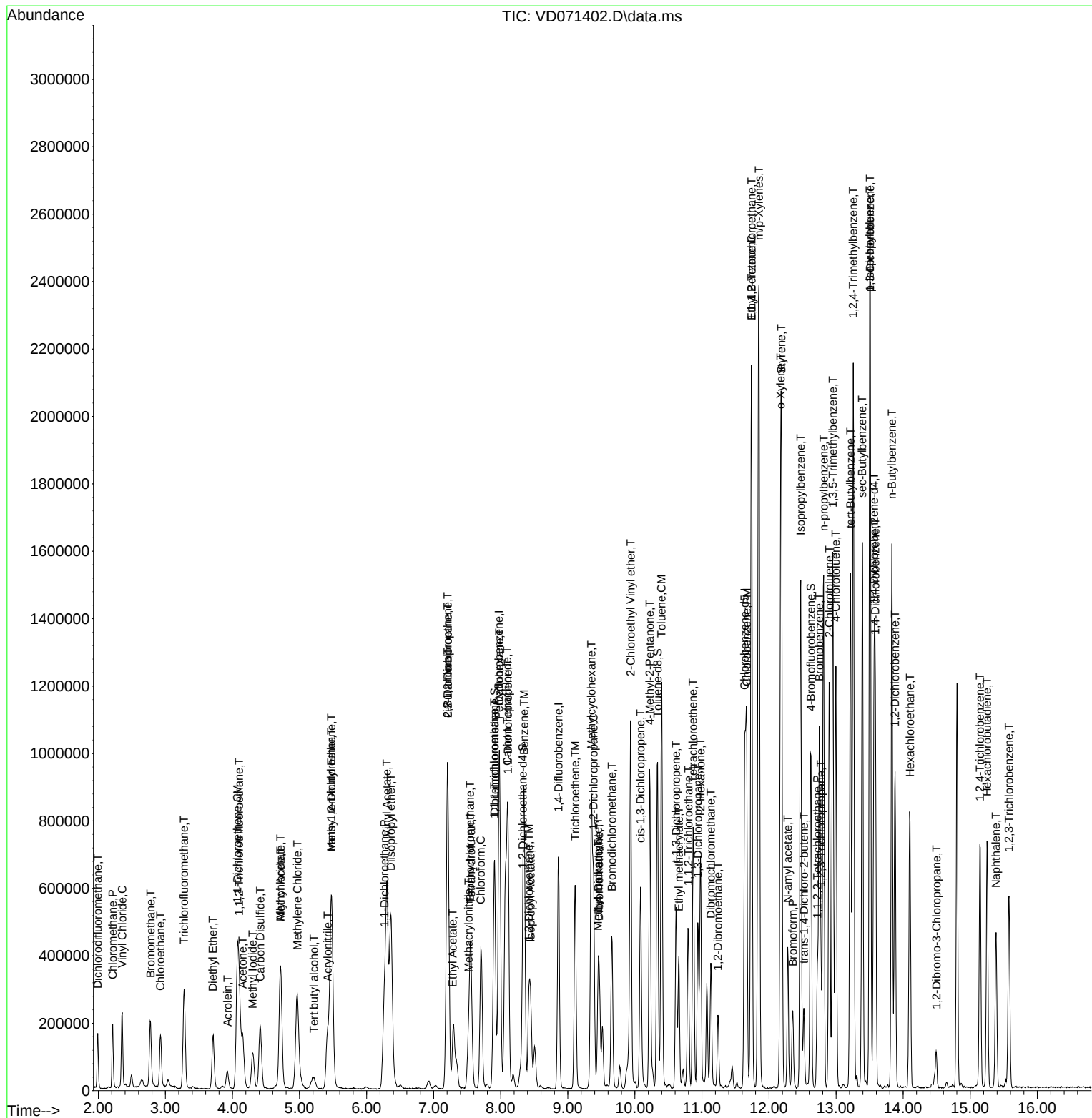
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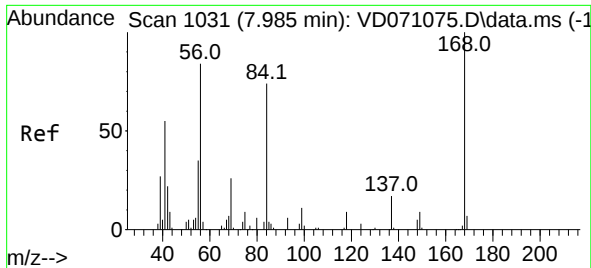
Instrument :
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Manual Integrations APPROVED

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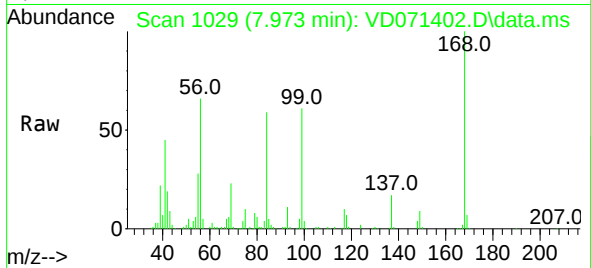
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

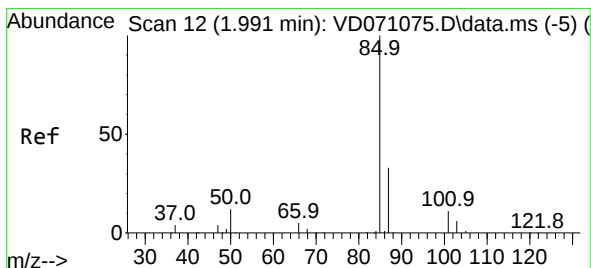
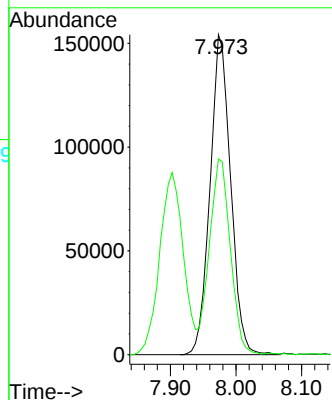
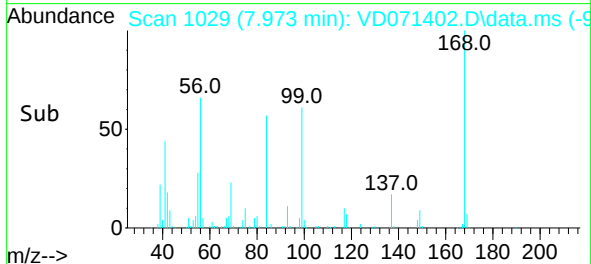
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 336079
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8

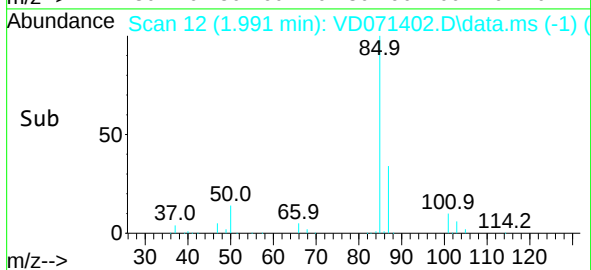
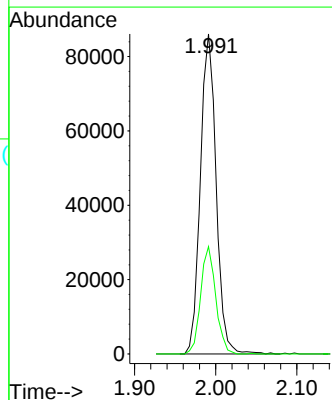
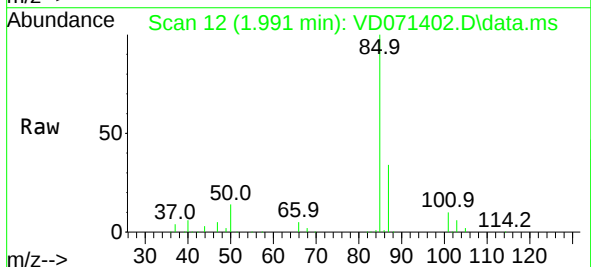
Manual Integrations
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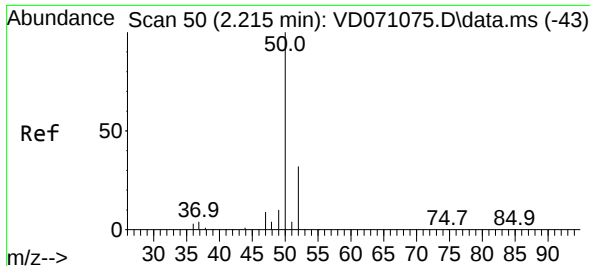
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#2
Dichlorodifluoromethane
Concen: 40.547 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

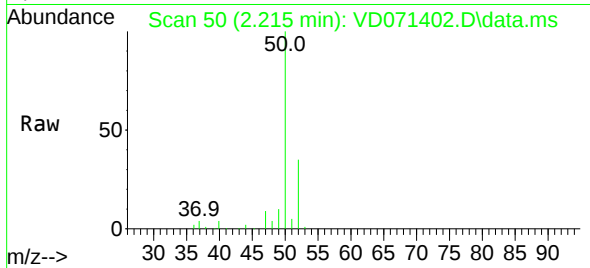
Tgt Ion: 85 Resp: 116206
Ion Ratio Lower Upper
85 100
87 33.6 15.2 45.6





#3
Chloromethane
Concen: 42.026 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

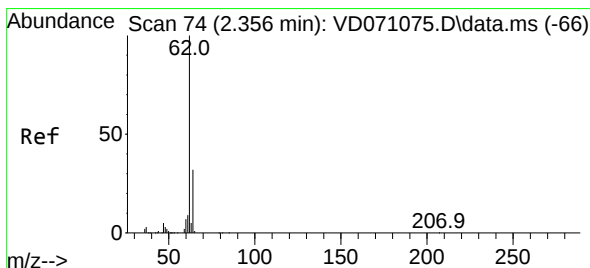
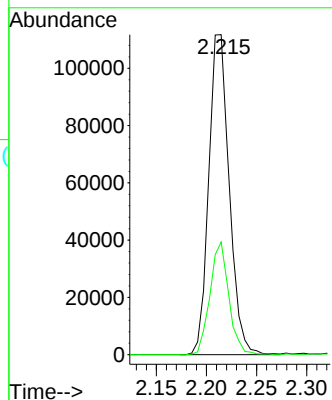
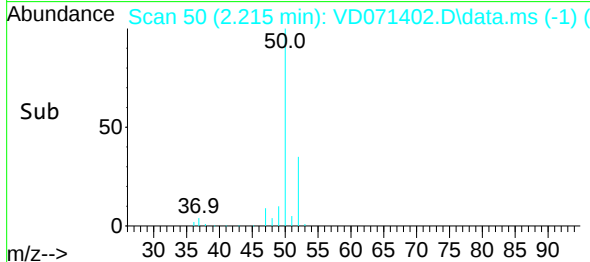
Instrument :
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Tgt Ion: 50 Resp: 15934
Ion Ratio Lower Upper
50 100
52 35.2 25.8 38.8

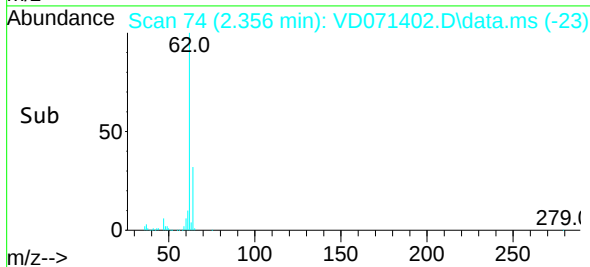
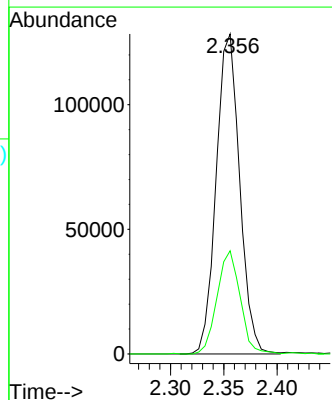
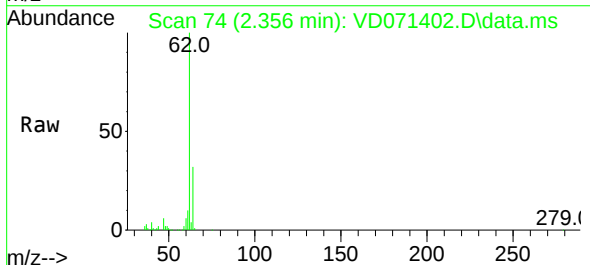
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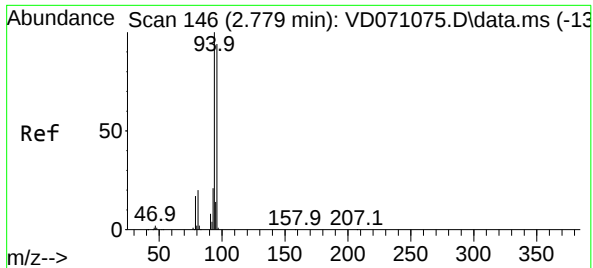
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#4
Vinyl Chloride
Concen: 46.394 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Tgt Ion: 62 Resp: 196254
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





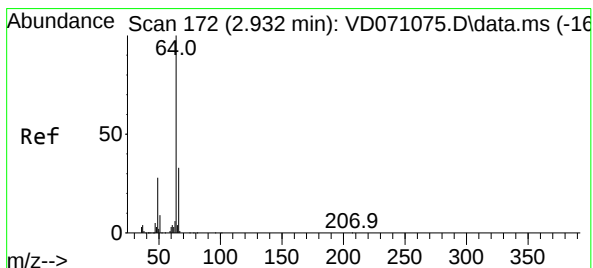
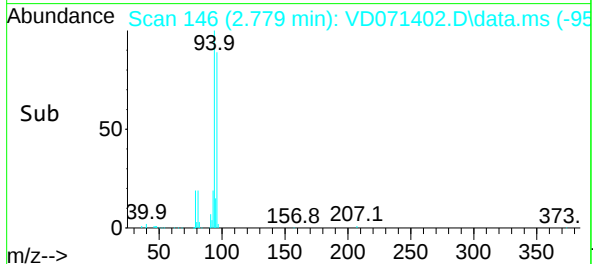
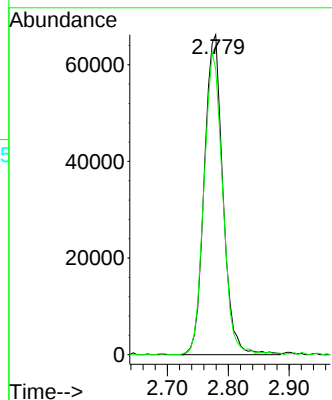
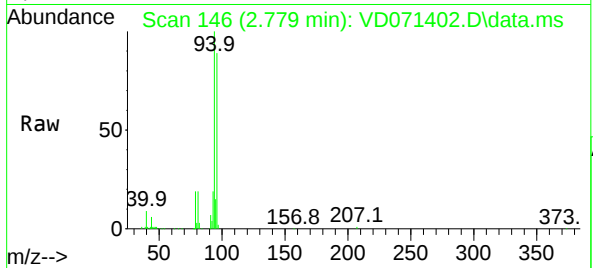
#5
Bromomethane
Concen: 46.201 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

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ClientSampleId :
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Tgt Ion: 94 Resp: 140880
Ion Ratio Lower Upper
94 100
96 89.2 74.8 112.2

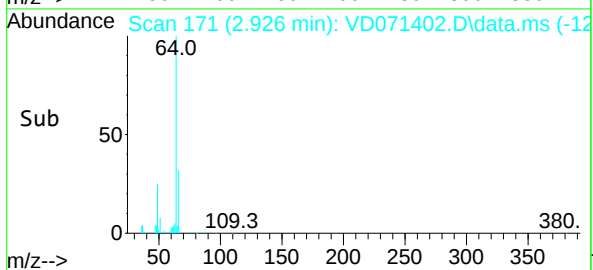
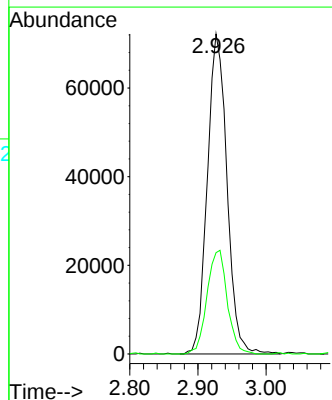
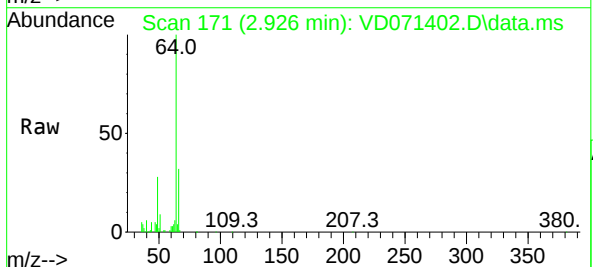
Manual Integrations
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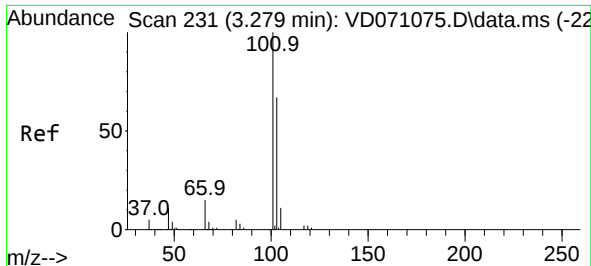
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#6
Chloroethane
Concen: 49.743 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

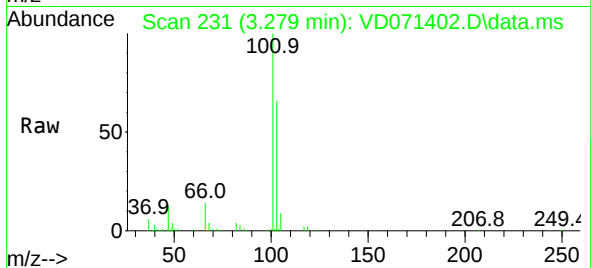
Tgt Ion: 64 Resp: 144725
Ion Ratio Lower Upper
64 100
66 31.7 29.0 43.4





#7
Trichlorofluoromethane
Concen: 52.030 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

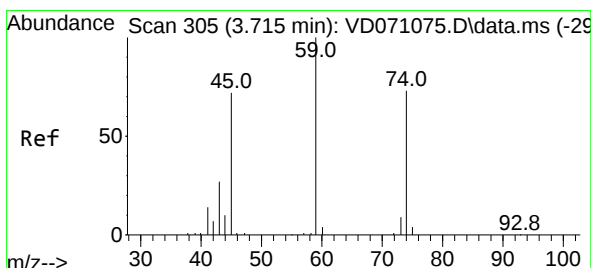
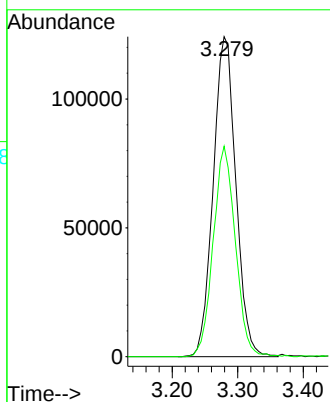
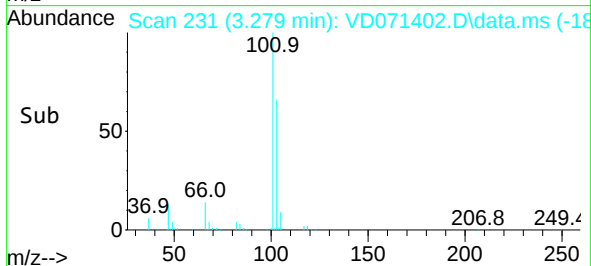
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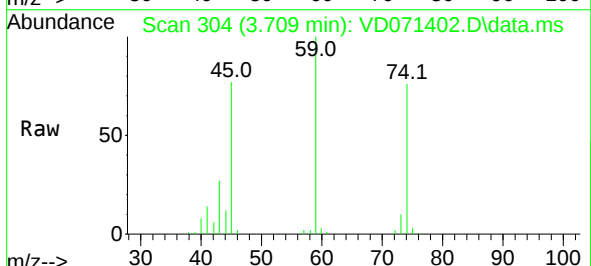
Tgt Ion:101 Resp: 29815
Ion Ratio Lower Upper
101 100
103 65.8 49.7 74.5

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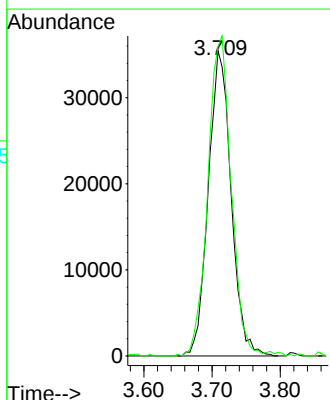
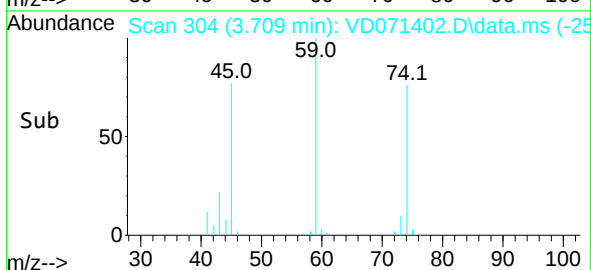
Reviewed By :Semsettin Yesilyurt 12/22/2021
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#8
Diethyl Ether
Concen: 53.048 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion: 74 Resp: 82410
Ion Ratio Lower Upper
74 100
45 107.4 49.6 149.0





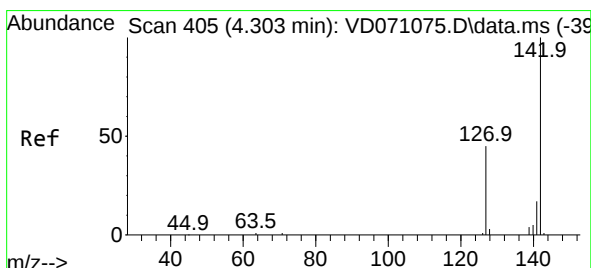
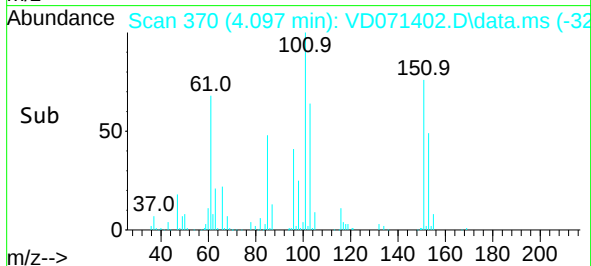
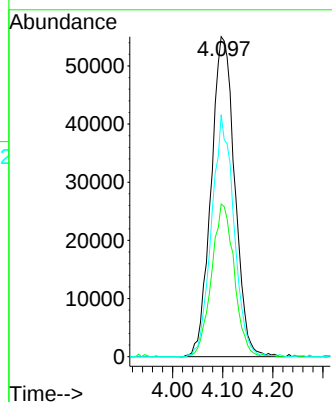
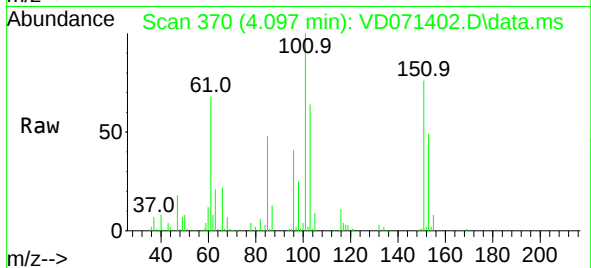
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.323 ug/l
RT: 4.097 min Scan# 371
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 180275
Ion Ratio Lower Upper
101 100
85 45.6 34.8 52.2
151 71.2 60.4 90.6

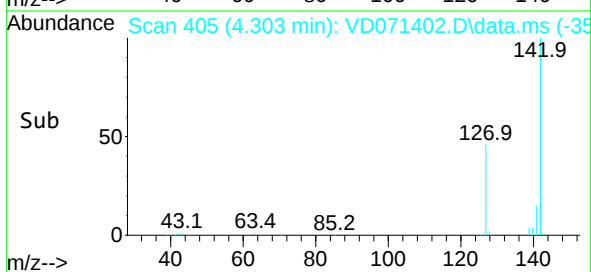
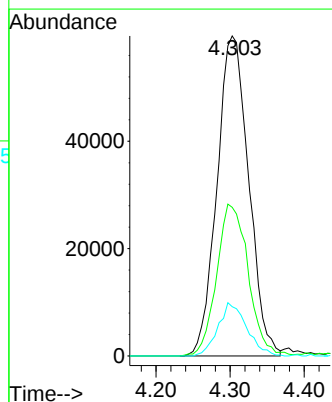
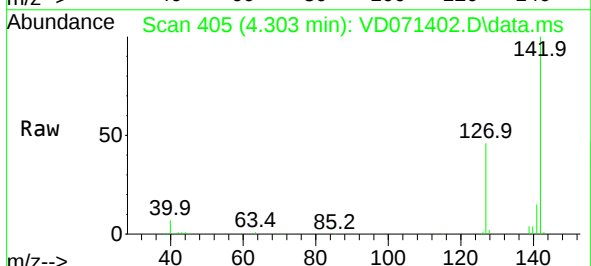
Manual Integrations
APPROVED

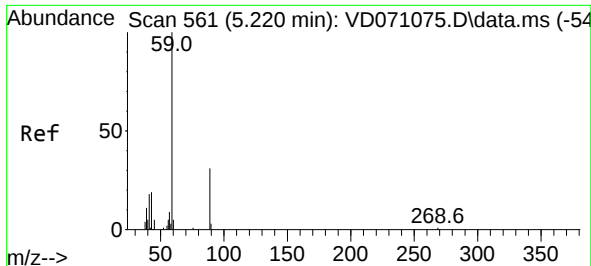
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#10
Methyl Iodide
Concen: 45.494 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Tgt Ion:142 Resp: 177025
Ion Ratio Lower Upper
142 100
127 47.3 35.0 52.4
141 15.1 12.0 18.0





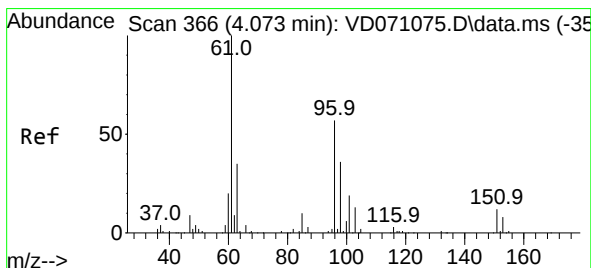
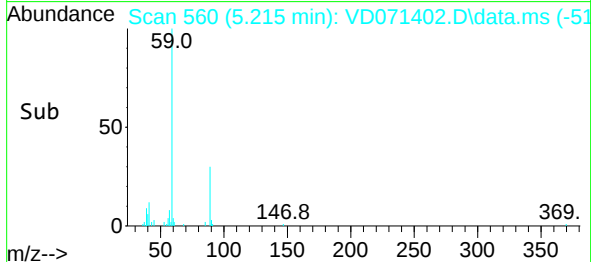
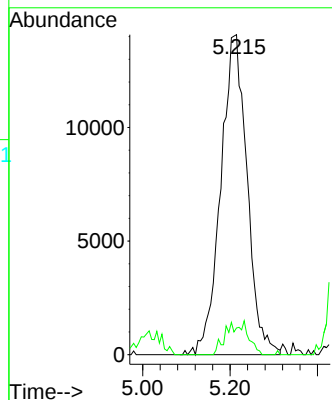
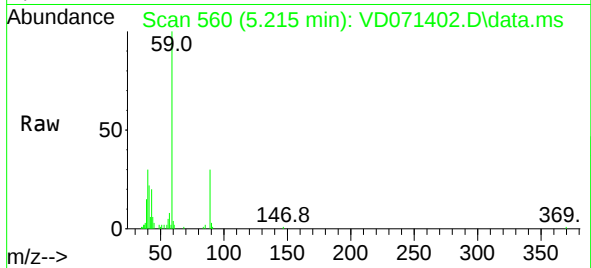
#11
Tert butyl alcohol
Concen: 227.617 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.005 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5903
Ion Ratio Lower Upper
59 100
57 4.5 9.0 13.4

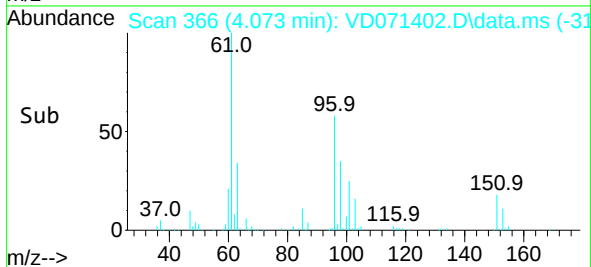
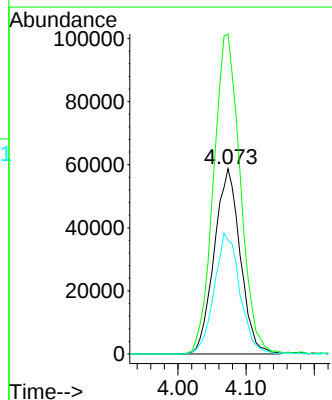
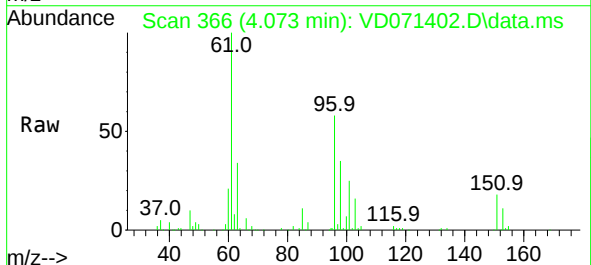
Manual Integrations
APPROVED

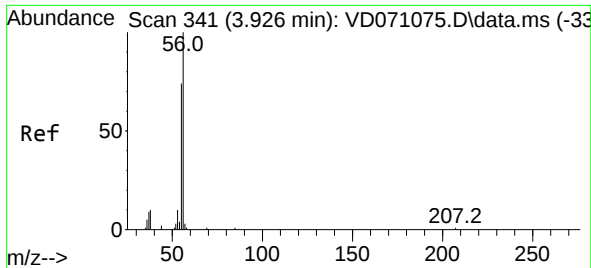
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#12
1,1-Dichloroethene
Concen: 49.935 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

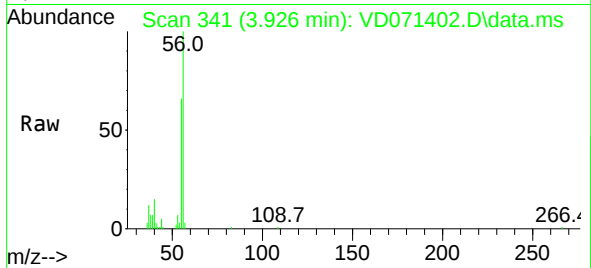
Tgt Ion: 96 Resp: 155795
Ion Ratio Lower Upper
96 100
61 172.6 120.3 180.5
98 61.3 54.4 81.6





#13
Acrolein
Concen: 230.313 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

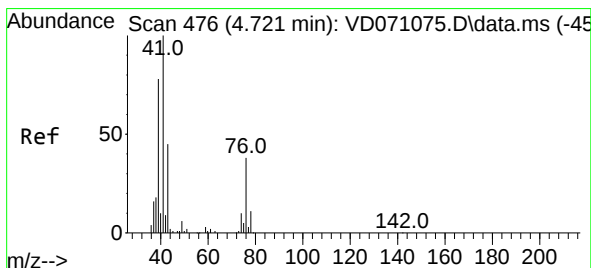
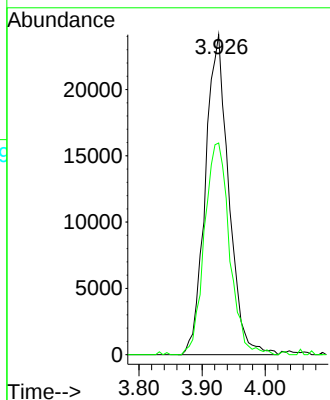
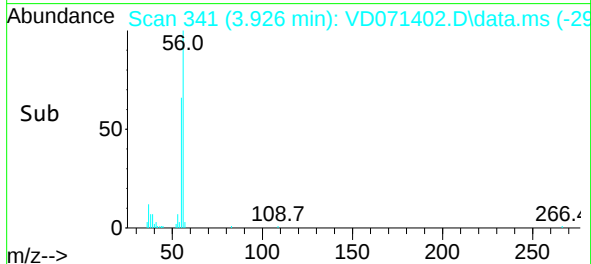
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 62060
Ion Ratio Lower Upper
56 100
55 71.1 58.6 87.8

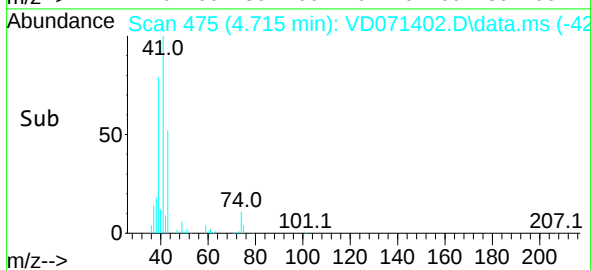
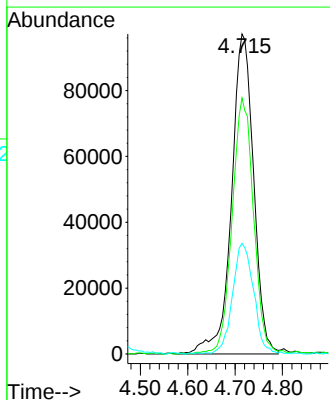
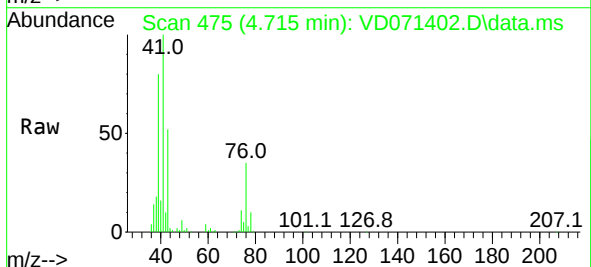
Manual Integrations
APPROVED

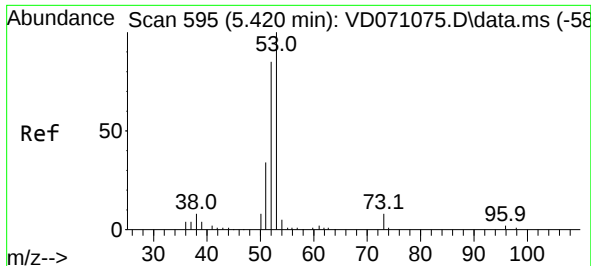
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#14
Allyl chloride
Concen: 53.142 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

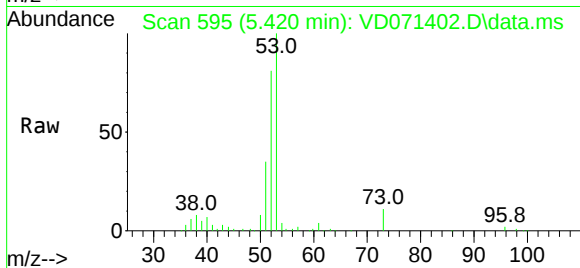
Tgt Ion: 41 Resp: 314925
Ion Ratio Lower Upper
41 100
39 77.8 45.6 68.4#
76 32.4 30.2 45.4





#15
Acrylonitrile
Concen: 280.106 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

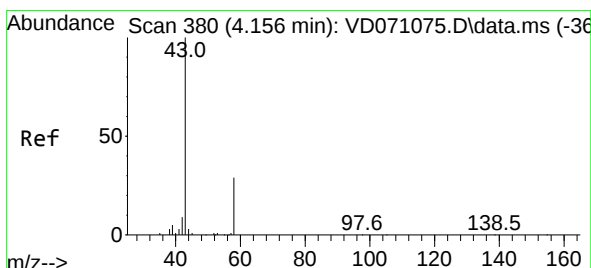
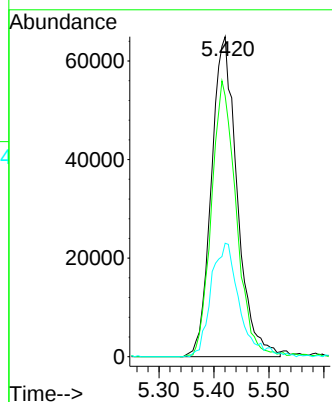
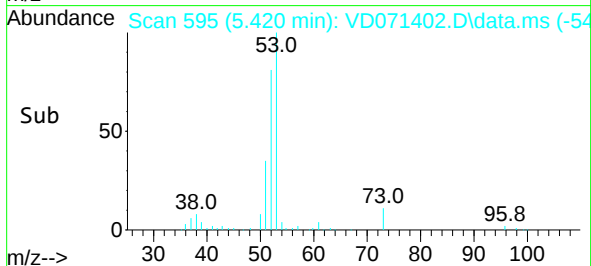
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



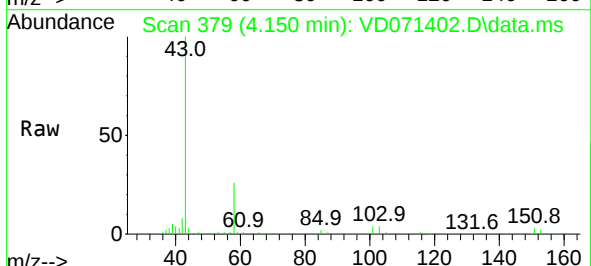
Tgt Ion: 53 Resp: 211629
Ion Ratio Lower Upper
53 100
52 82.9 63.8 95.8
51 38.9 28.5 42.7

Manual Integrations
APPROVED

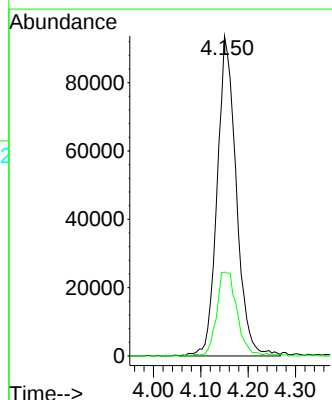
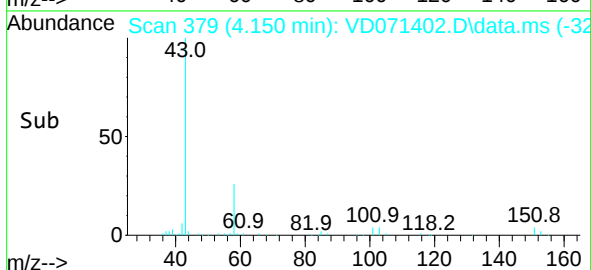
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

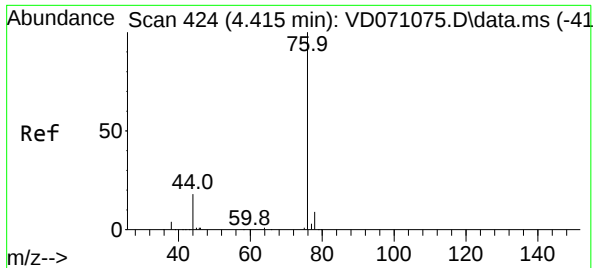


#16
Acetone
Concen: 250.340 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion: 43 Resp: 262192
Ion Ratio Lower Upper
43 100
58 26.2 27.8 41.8#





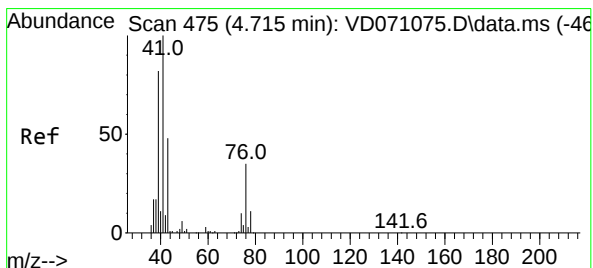
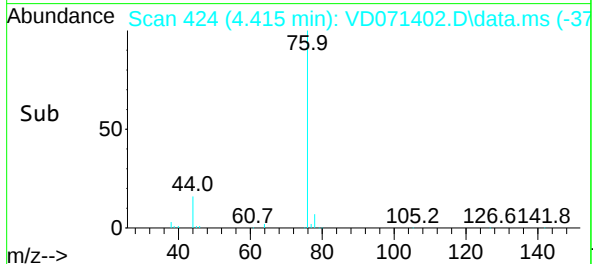
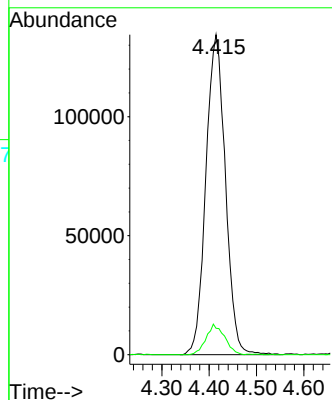
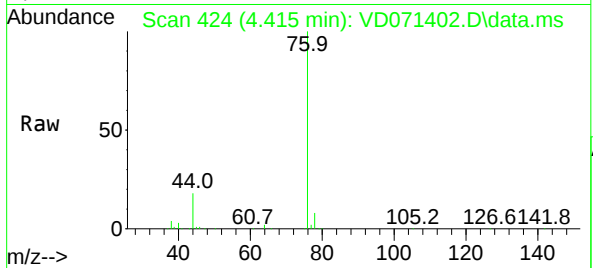
#17
Carbon Disulfide
Concen: 42.080 ug/l
RT: 4.415 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 38438
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8

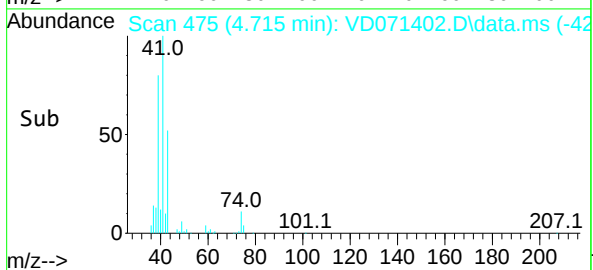
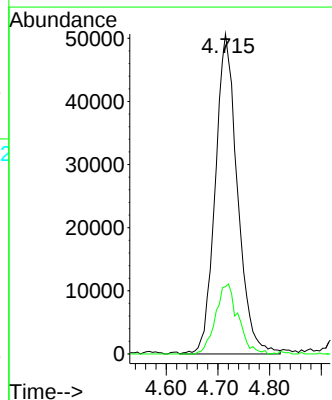
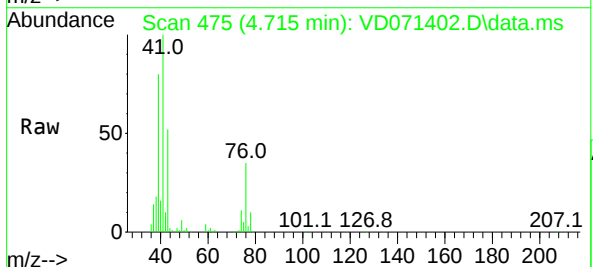
Manual Integrations
APPROVED

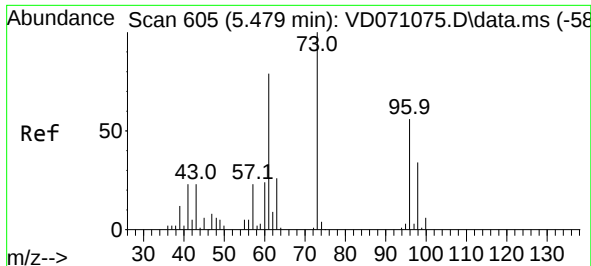
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#18
Methyl Acetate
Concen: 51.950 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Tgt Ion: 43 Resp: 151152
Ion Ratio Lower Upper
43 100
74 22.1 19.3 28.9





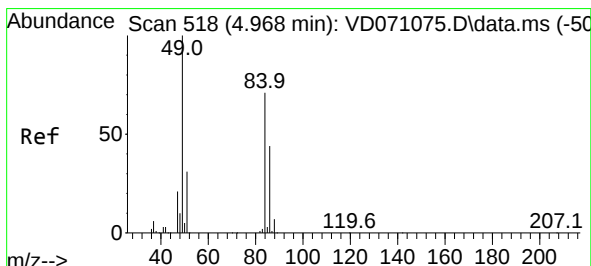
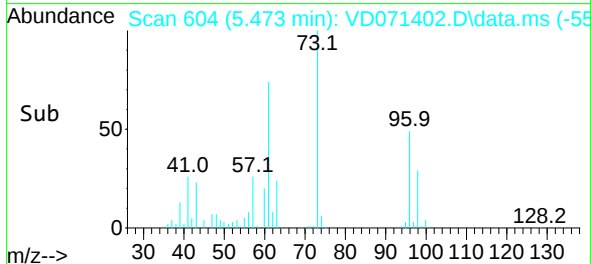
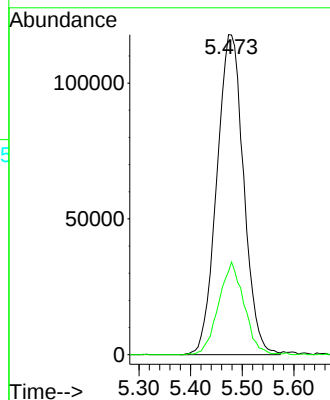
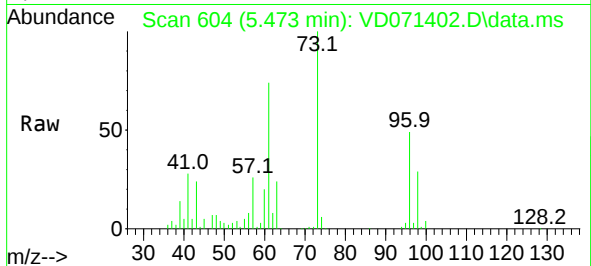
#19
Methyl tert-butyl Ether
Concen: 55.573 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 42492
Ion Ratio Lower Upper
73 100
57 26.1 18.9 28.3

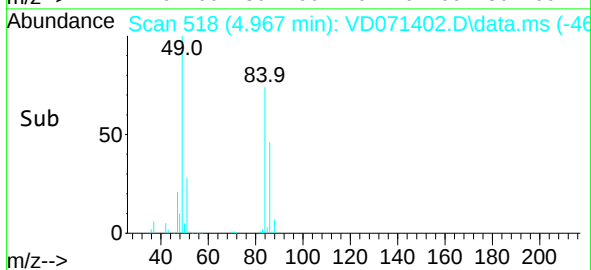
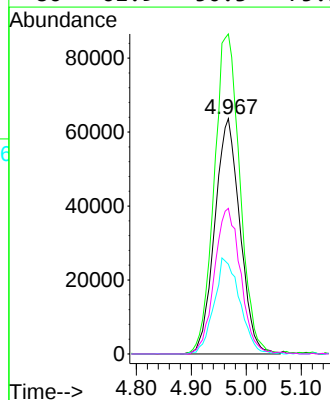
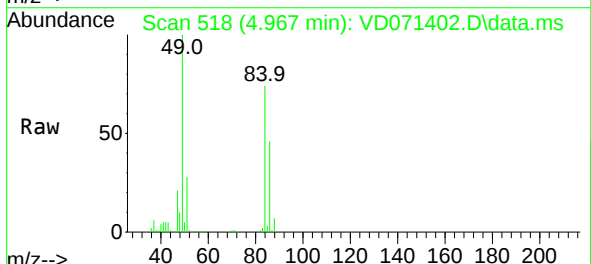
Manual Integrations
APPROVED

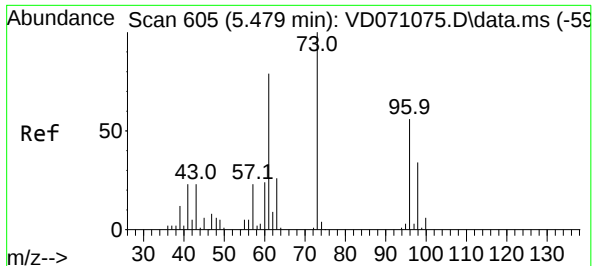
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#20
Methylene Chloride
Concen: 51.066 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

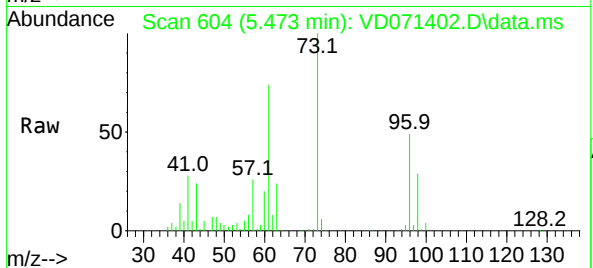
Tgt Ion: 84 Resp: 202857
Ion Ratio Lower Upper
84 100
49 136.0 95.8 143.6
51 38.2 30.9 46.3
86 61.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 50.758 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

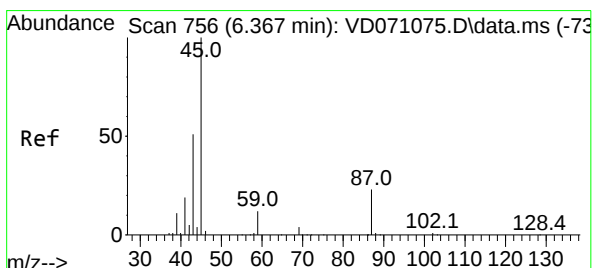
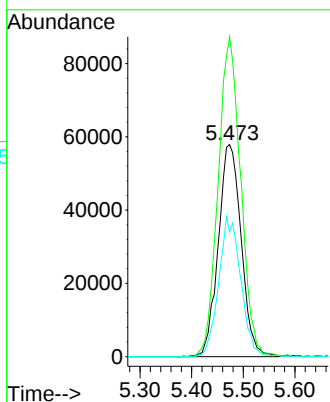
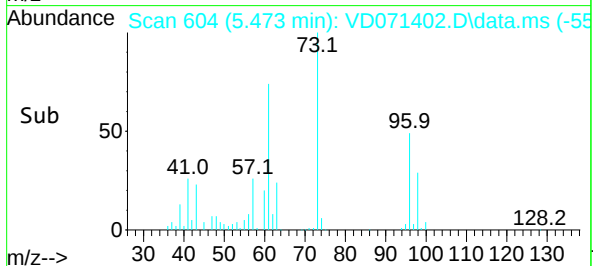
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 178260
Ion Ratio Lower Upper
96 100
61 150.8 102.1 153.1
98 58.8 50.1 75.1

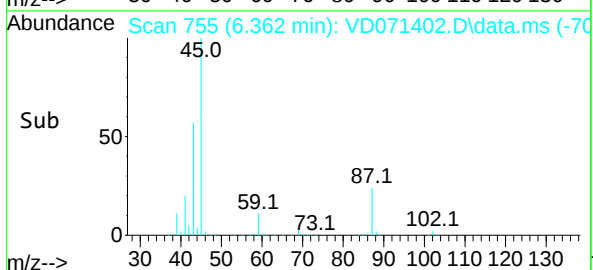
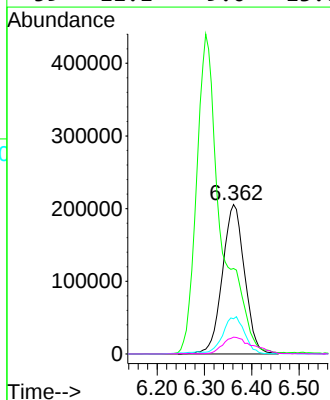
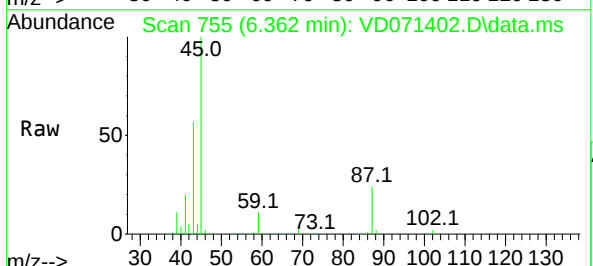
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#22
Diisopropyl ether
Concen: 56.342 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

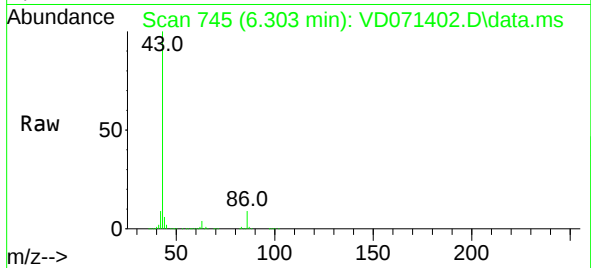
Tgt Ion: 45 Resp: 668966
Ion Ratio Lower Upper
45 100
43 56.3 39.6 59.4
87 23.3 21.2 31.8
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 246.558 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071402.D
 Acq: 21 Dec 2021 09:01

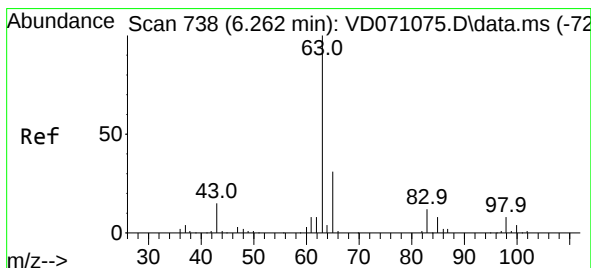
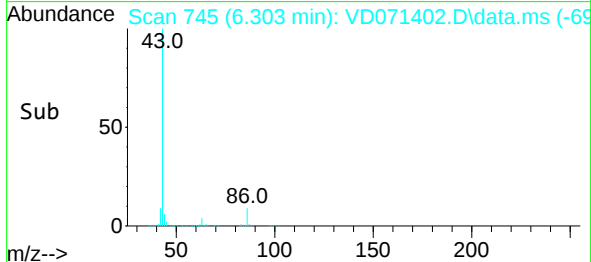
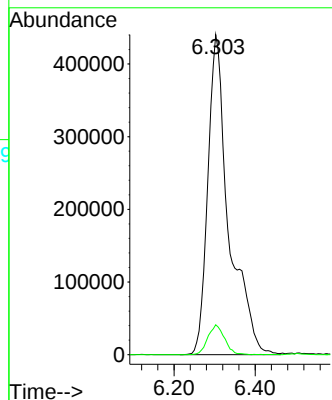
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 158038
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4

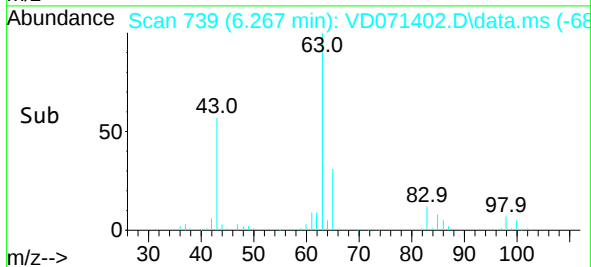
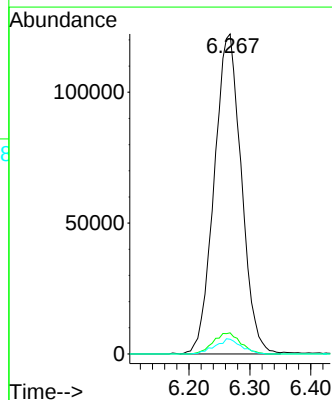
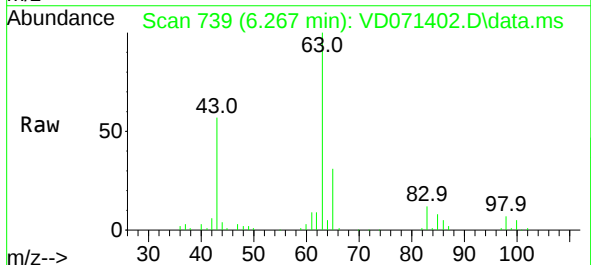
Manual Integrations
 APPROVED

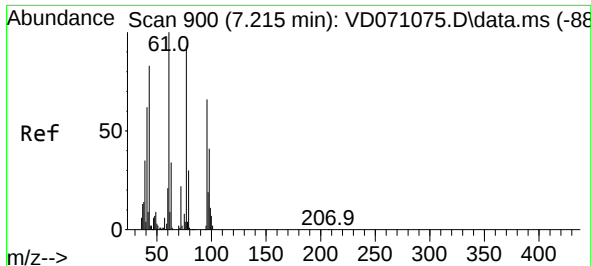
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021



#24
 1,1-Dichloroethane
 Concen: 55.442 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071402.D
 Acq: 21 Dec 2021 09:01

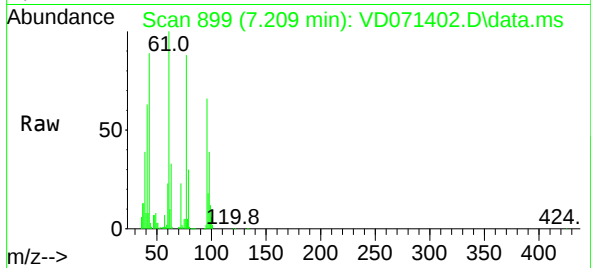
Tgt Ion: 63 Resp: 378622
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.6 2.1 6.3





#25
2-Butanone
Concen: 248.855 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

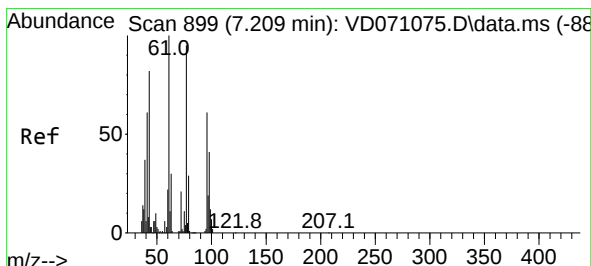
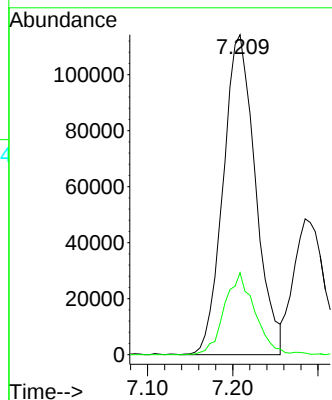
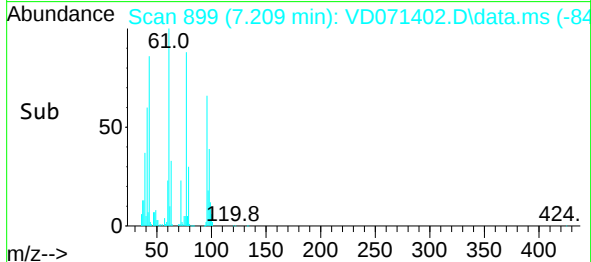
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



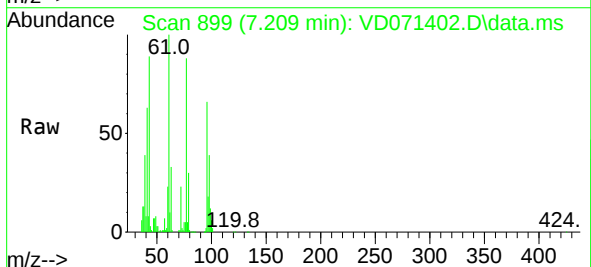
Tgt Ion: 43 Resp: 30079
Ion Ratio Lower Upper
43 100
72 25.6 23.8 35.6

Manual Integrations
APPROVED

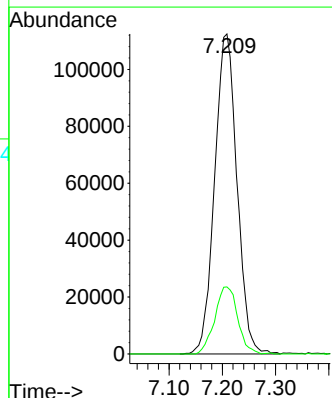
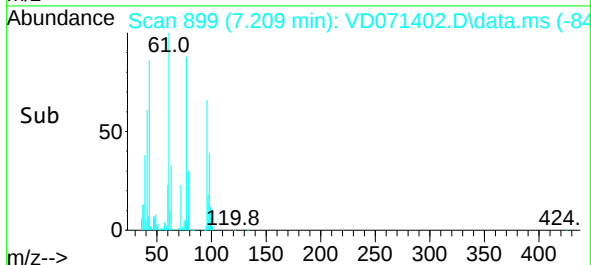
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

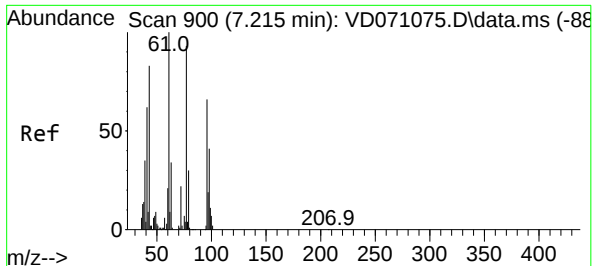


#26
2,2-Dichloropropane
Concen: 52.735 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion: 77 Resp: 327482
Ion Ratio Lower Upper
77 100
97 21.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 54.209 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

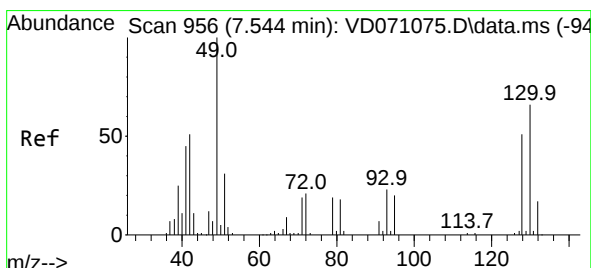
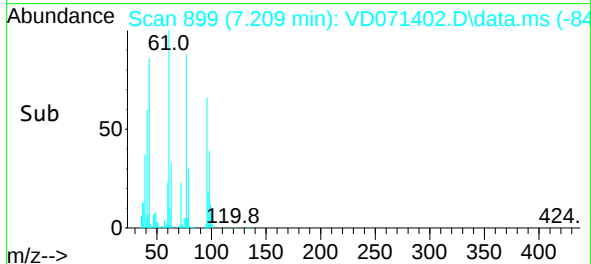
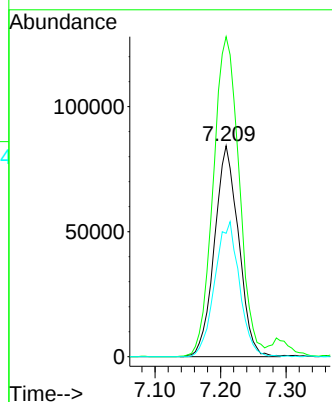
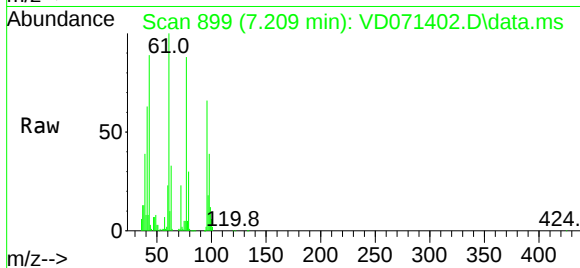
Tgt Ion: 96 Resp: 21538

Ion	Ratio	Lower	Upper
96	100		
61	163.0	0.0	288.6
98	65.7	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#28

Bromochloromethane

Concen: 53.149 ug/l

RT: 7.544 min Scan# 956

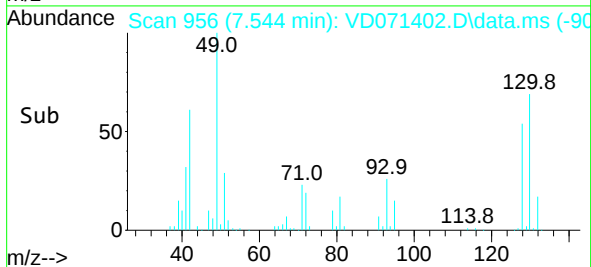
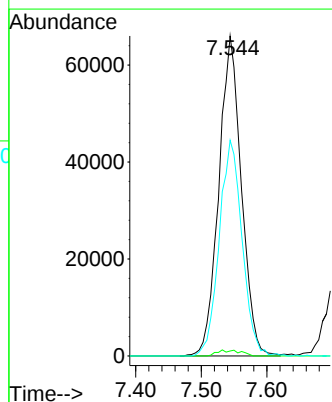
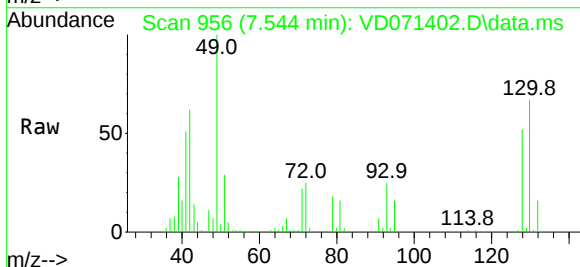
Delta R.T. -0.000 min

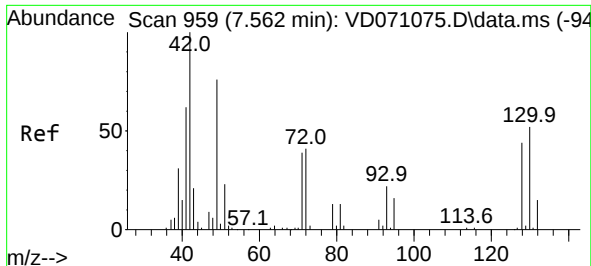
Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Tgt Ion: 49 Resp: 157650

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	68.5	60.2	90.2





#29

Tetrahydrofuran

Concen: 273.710 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

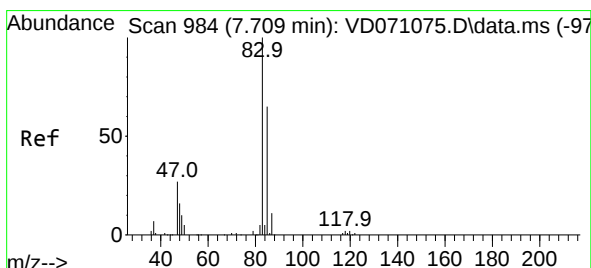
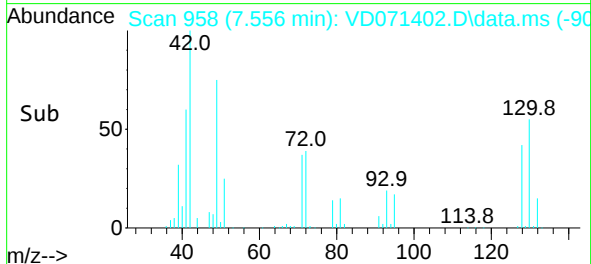
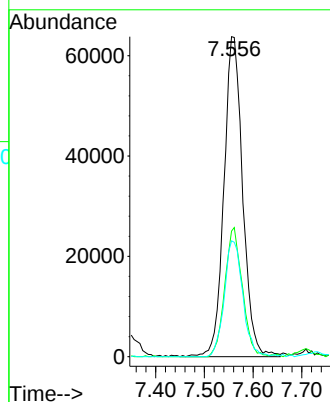
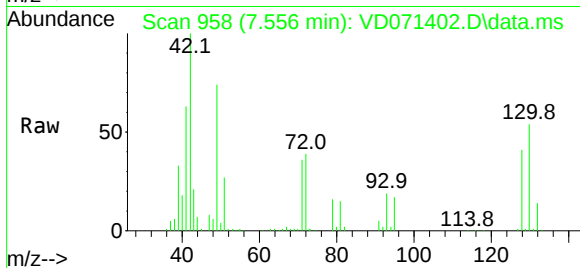
Tgt Ion: 42 Resp: 171394

Ion	Ratio	Lower	Upper
42	100		
72	37.7	33.7	50.5
71	35.6	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#30

Chloroform

Concen: 57.032 ug/l

RT: 7.703 min Scan# 983

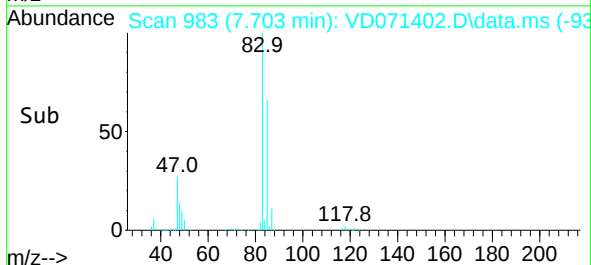
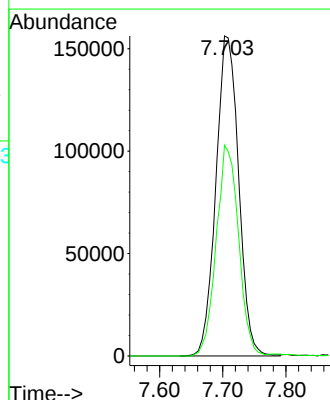
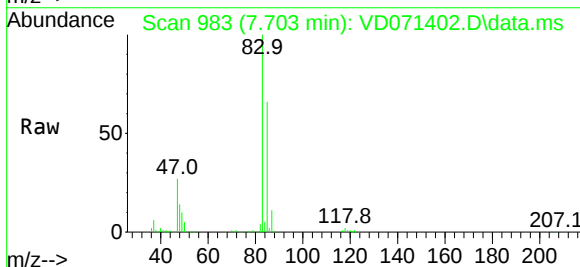
Delta R.T. -0.006 min

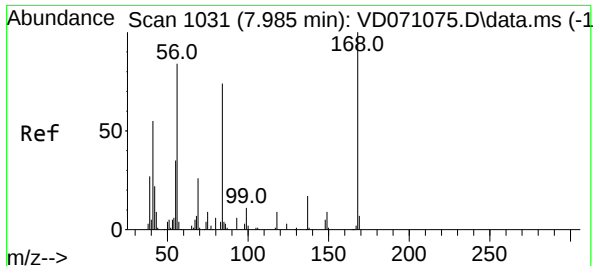
Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Tgt Ion: 83 Resp: 390885

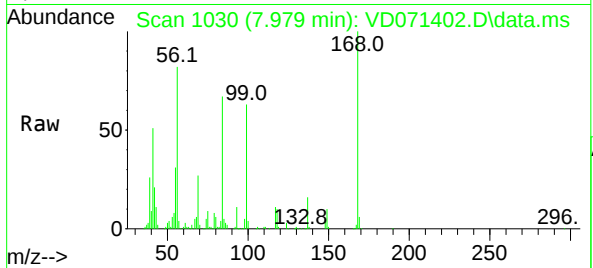
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.0	76.6





#31
Cyclohexane
Concen: 47.326 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

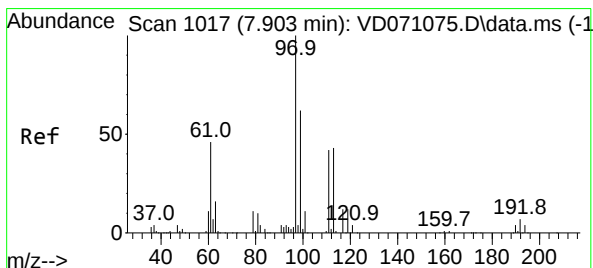
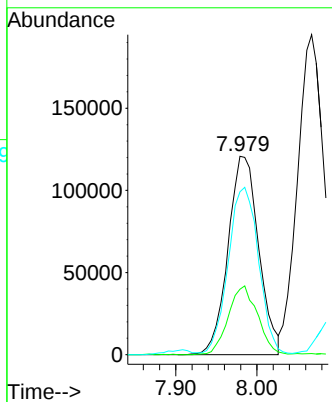
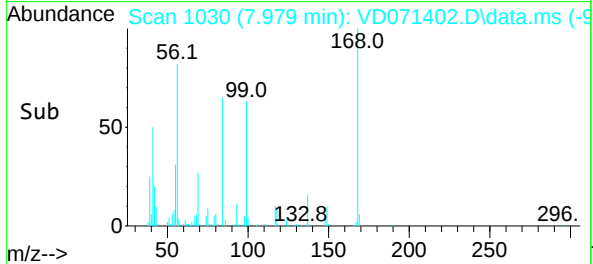
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



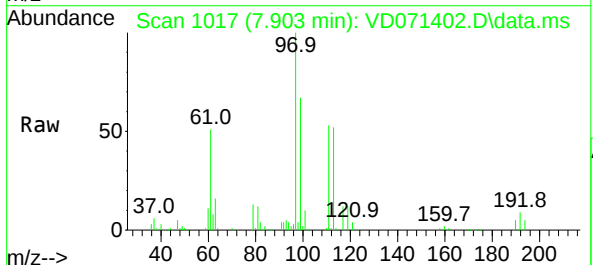
Tgt Ion: 56 Resp: 31745
Ion Ratio Lower Upper
56 100
69 33.0 25.9 38.9
84 80.0 64.3 96.5

Manual Integrations
APPROVED

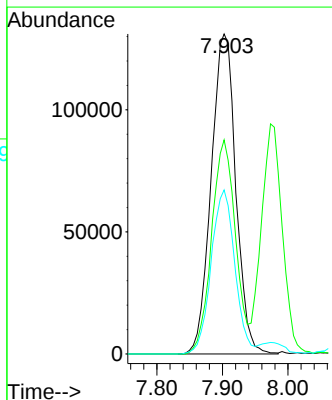
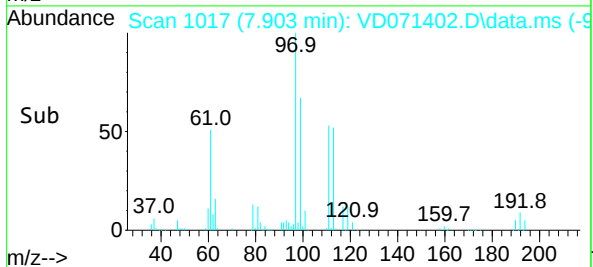
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

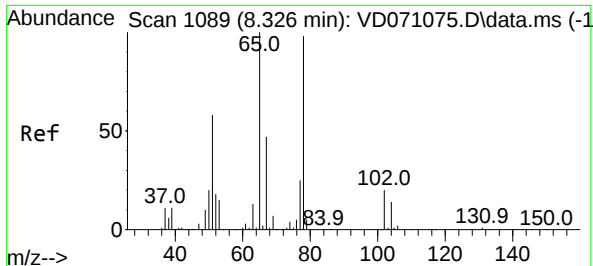


#32
1,1,1-Trichloroethane
Concen: 55.515 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



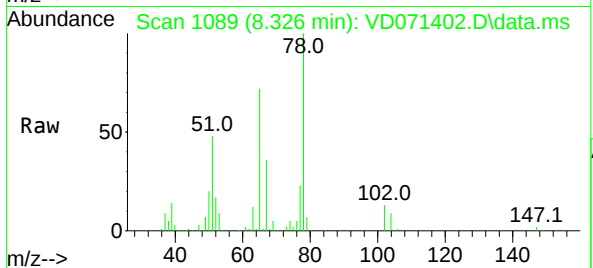
Tgt Ion: 97 Resp: 341605
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 49.3 33.0 49.4





#33
1,2-Dichloroethane-d4
Concen: 48.384 ug/l
RT: 8.326 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

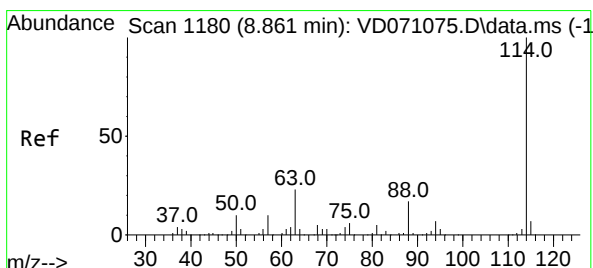
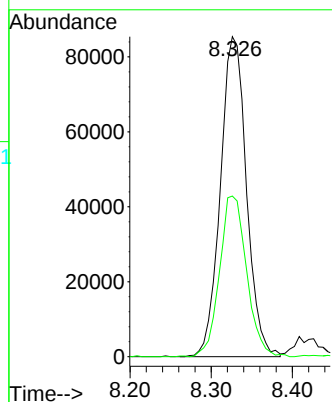
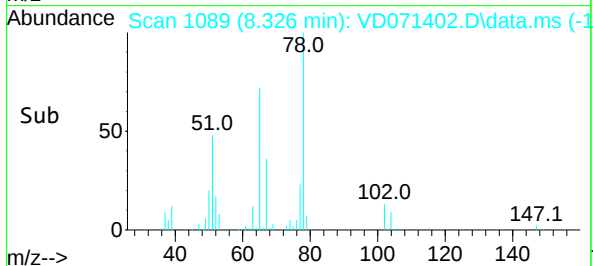
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



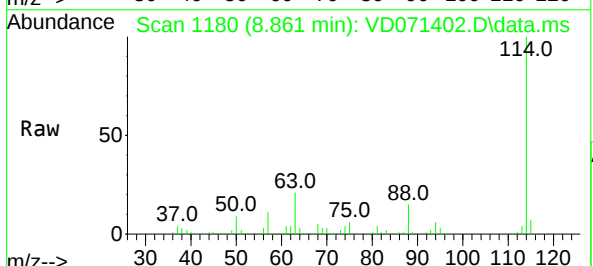
Tgt Ion: 65 Resp: 190804
Ion Ratio Lower Upper
65 100
67 52.1 0.0 112.2

Manual Integrations
APPROVED

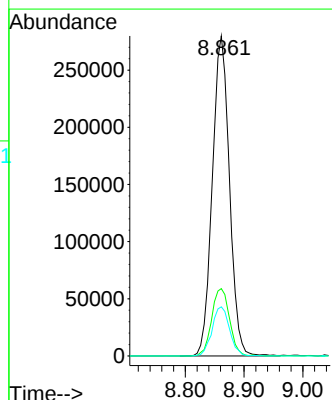
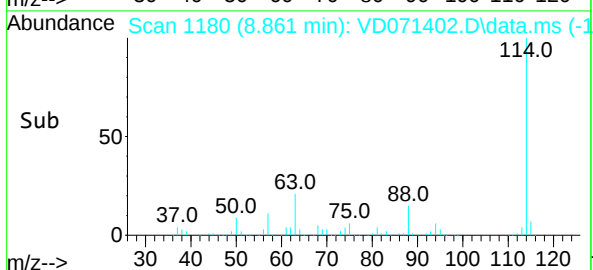
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

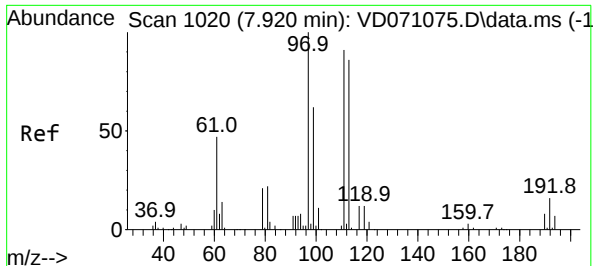


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion:114 Resp: 566687
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.8
88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.058 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071402.D

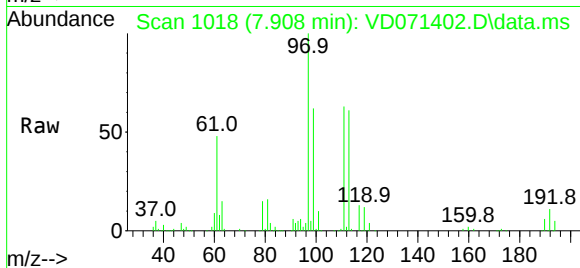
Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



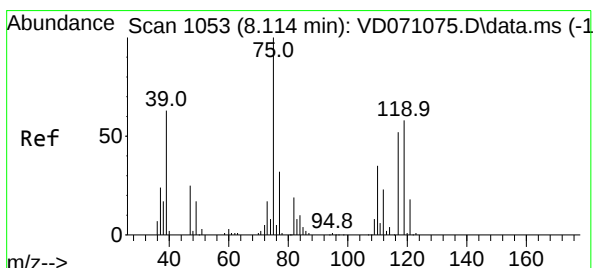
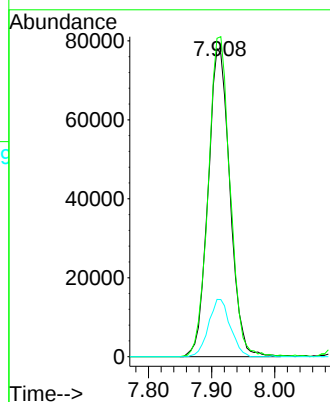
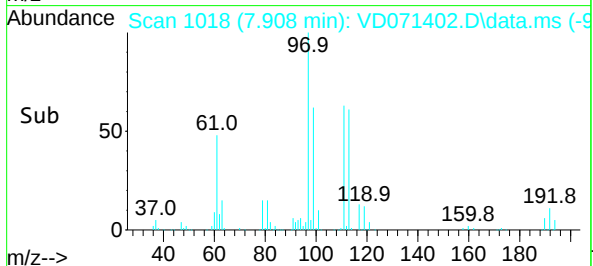
Tgt Ion:	113	Resp:	187850
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	18.4	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#36

1,1-Dichloropropene

Concen: 52.589 ug/l

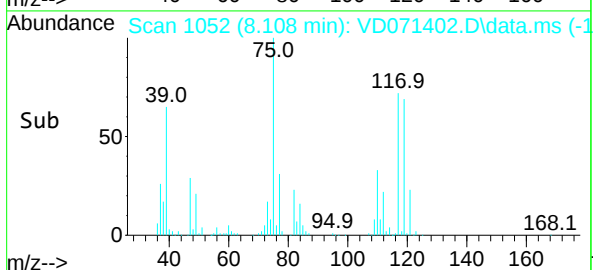
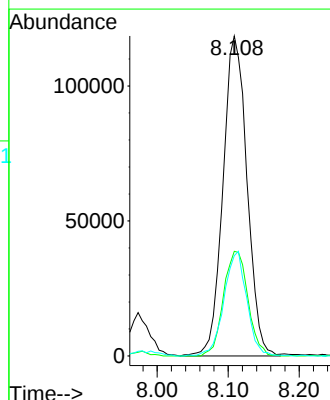
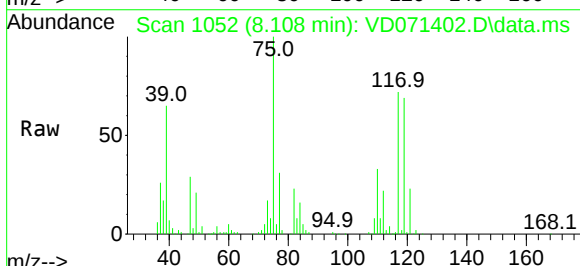
RT: 8.108 min Scan# 1052

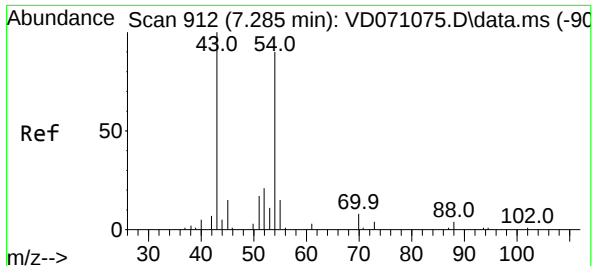
Delta R.T. -0.006 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Tgt Ion:	75	Resp:	278533
Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.8	53.4
77	31.1	24.8	37.2





#37

Ethyl Acetate

Concen: 54.852 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 12549

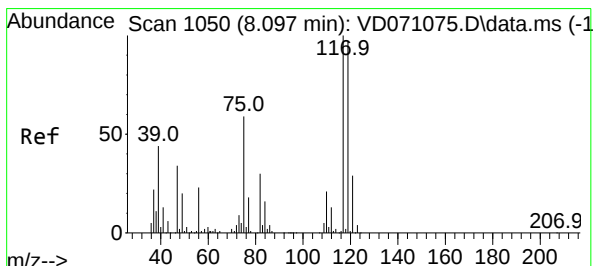
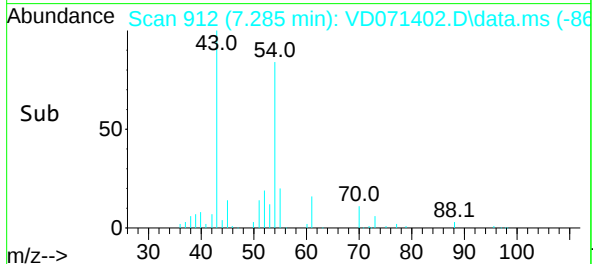
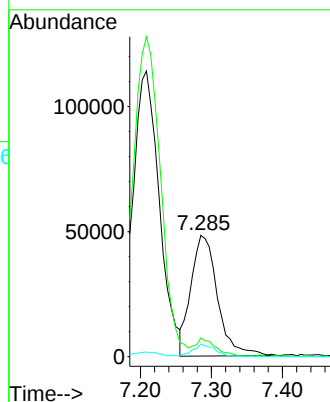
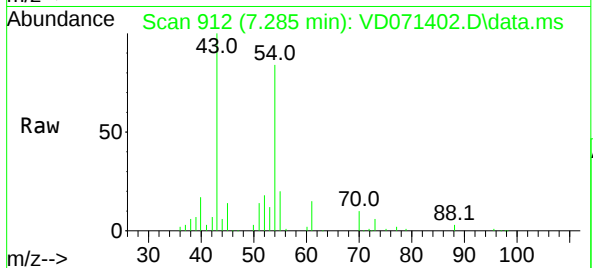
Ion	Ratio	Lower	Upper
43	100		
61	11.7	13.0	19.6
70	8.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#38

Carbon Tetrachloride

Concen: 56.195 ug/l

RT: 8.097 min Scan# 1050

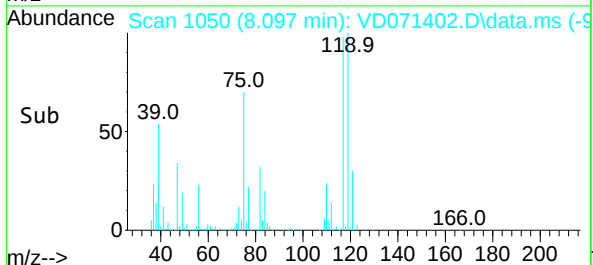
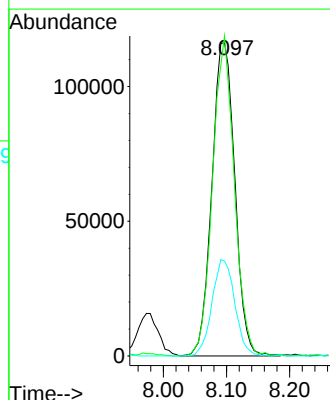
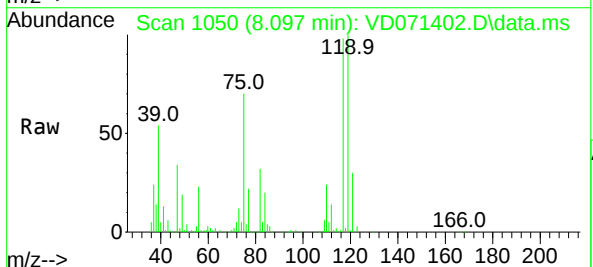
Delta R.T. -0.000 min

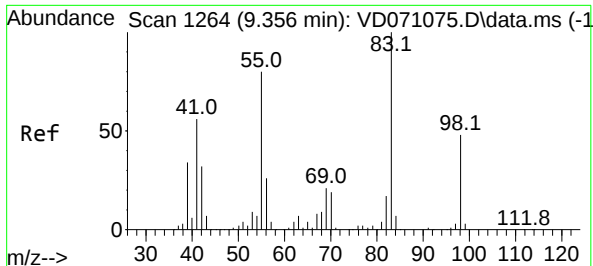
Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Tgt Ion:117 Resp: 293394

Ion	Ratio	Lower	Upper
117	100		
119	102.2	75.8	113.6
121	30.3	23.6	35.4





#39

Methylcyclohexane

Concen: 50.048 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 31882

Ion Ratio Lower Upper

83 100

55 85.1 65.8 98.8

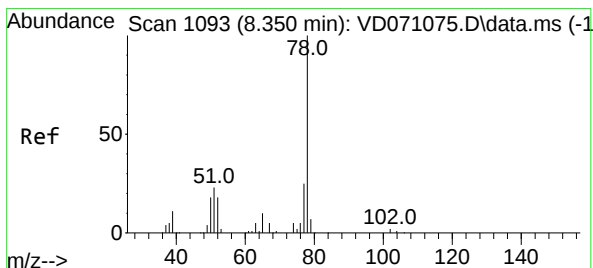
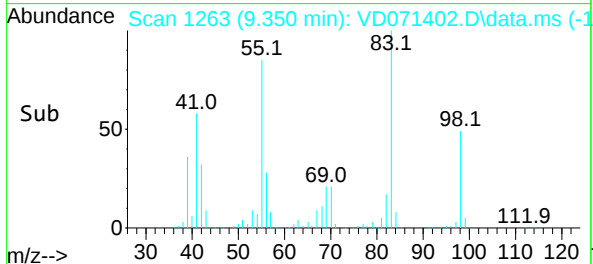
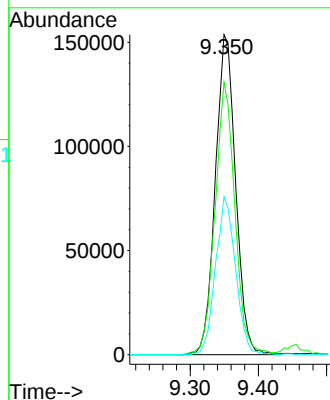
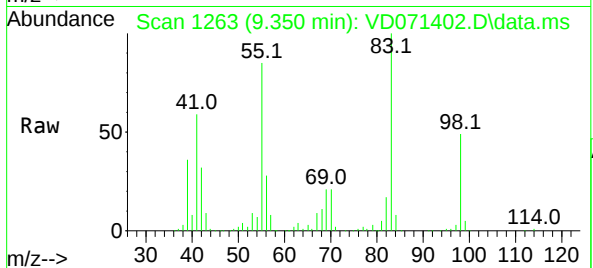
98 49.3 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#40

Benzene

Concen: 54.479 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071402.D

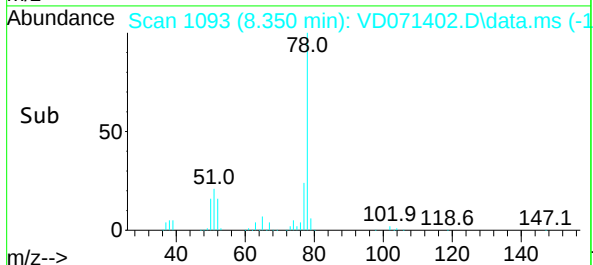
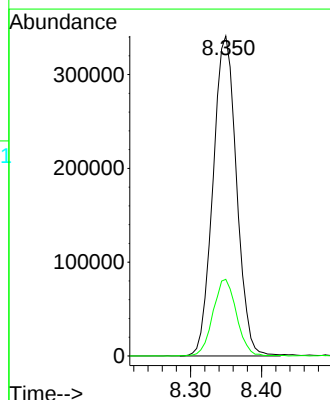
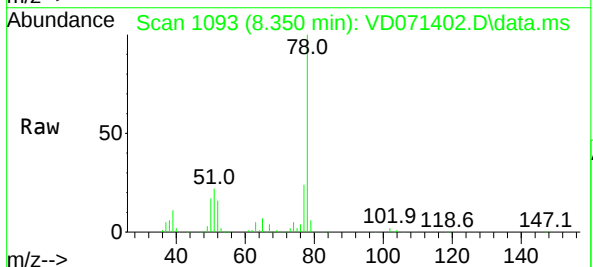
Acq: 21 Dec 2021 09:01

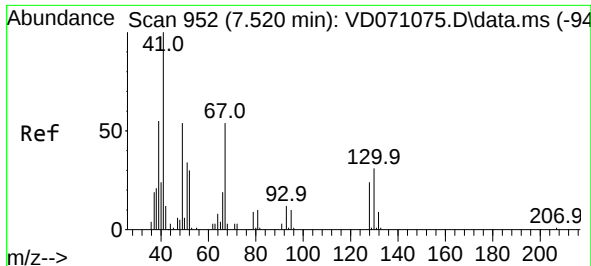
Tgt Ion: 78 Resp: 783763

Ion Ratio Lower Upper

78 100

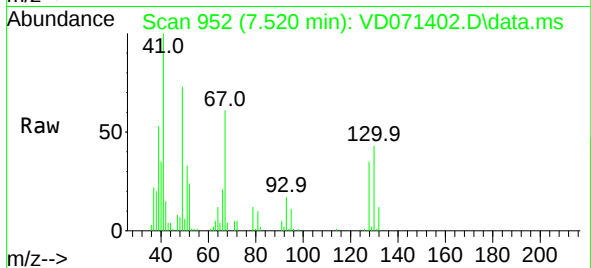
77 23.9 19.1 28.7





#41
Methacrylonitrile
Concen: 69.267 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

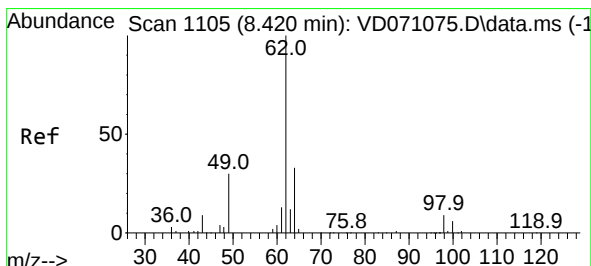
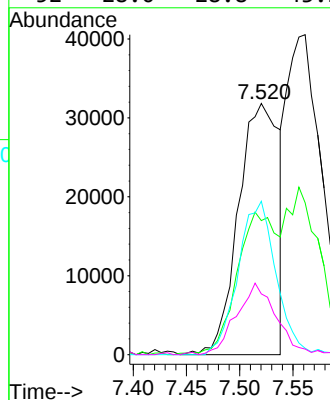
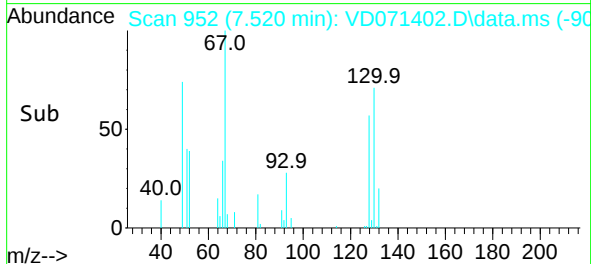
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



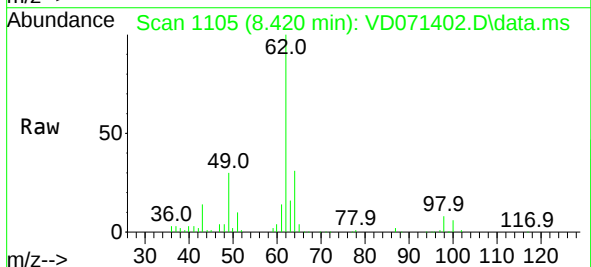
Tgt Ion: 41 Resp: 8393
Ion Ratio Lower Upper
41 100
39 57.2 60.2 90.4
67 57.7 74.8 112.2
52 28.0 28.8 43.2

Manual Integrations
APPROVED

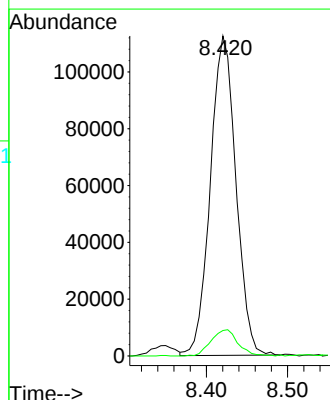
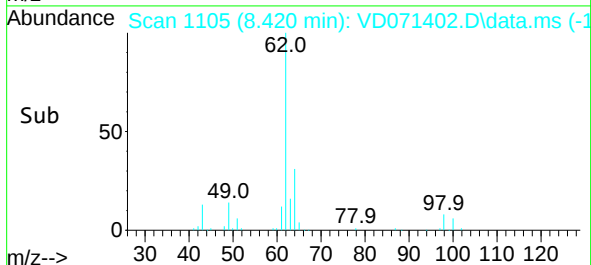
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

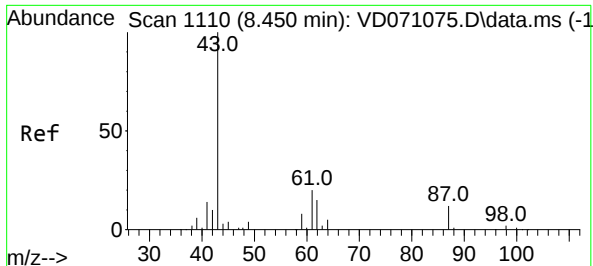


#42
1,2-Dichloroethane
Concen: 56.140 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



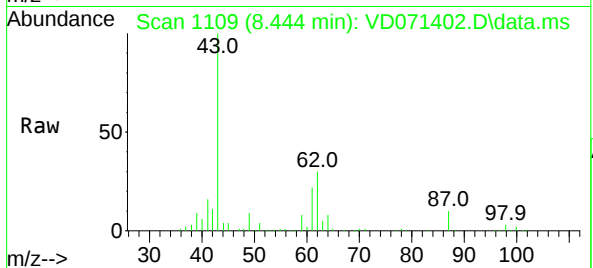
Tgt Ion: 62 Resp: 246534
Ion Ratio Lower Upper
62 100
98 8.6 0.0 21.8





#43
Isopropyl Acetate
Concen: 50.898 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

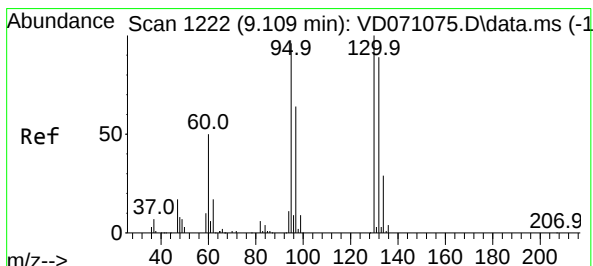
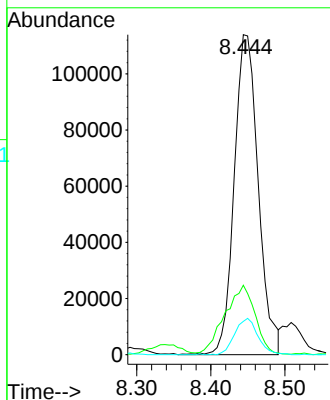
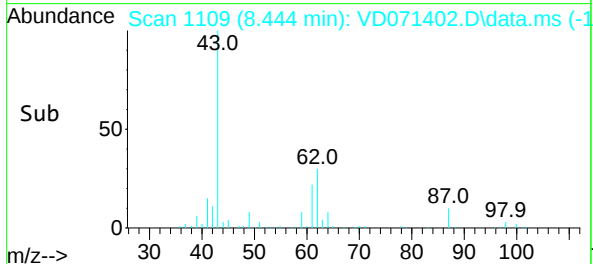
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



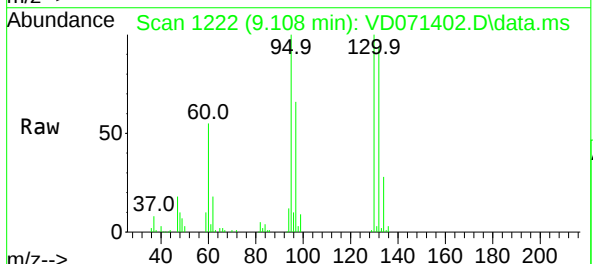
Tgt Ion: 43 Resp: 25675
Ion Ratio Lower Upper
43 100
61 27.3 28.2 42.4
87 11.0 10.7 16.1

Manual Integrations
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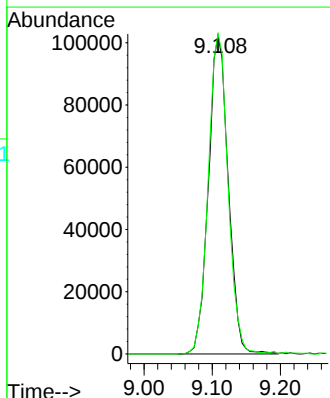
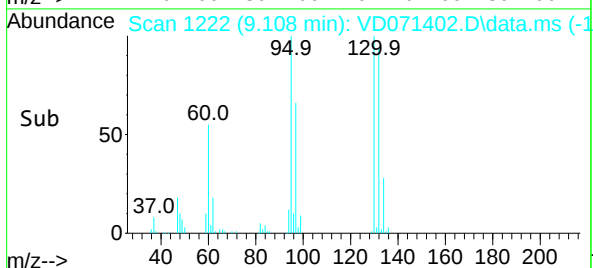
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

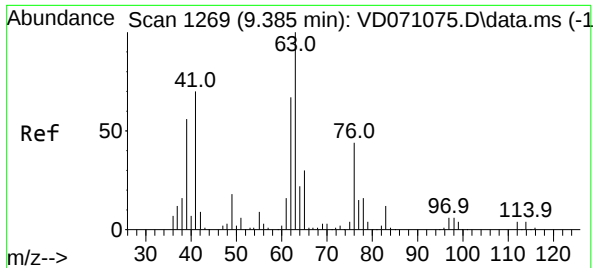


#44
Trichloroethene
Concen: 54.028 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion:130 Resp: 207244
Ion Ratio Lower Upper
130 100
95 100.4 0.0 193.2





#45

1,2-Dichloropropane

Concen: 56.824 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 21498

Ion Ratio Lower Upper

63 100

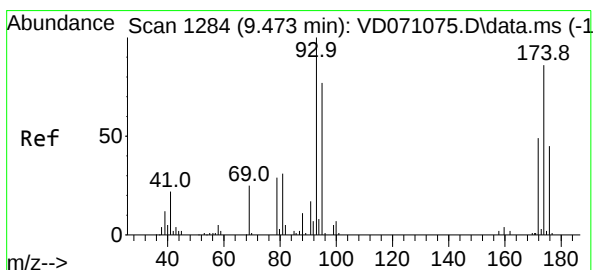
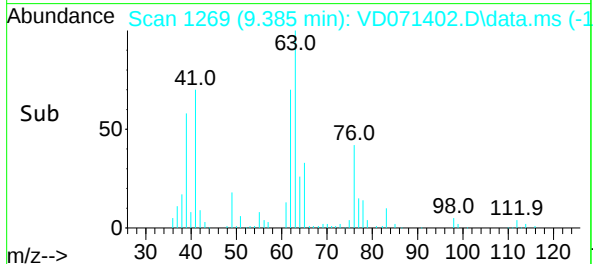
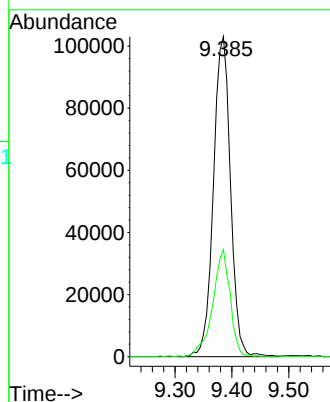
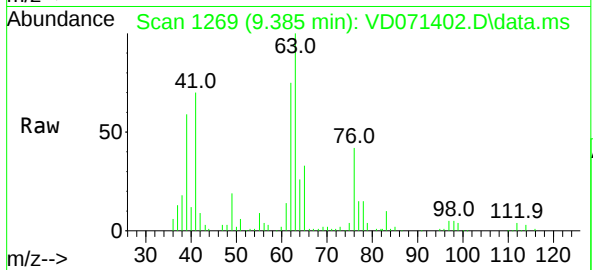
65 33.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#46

Dibromomethane

Concen: 56.237 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

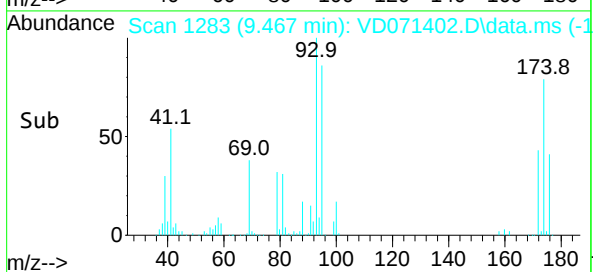
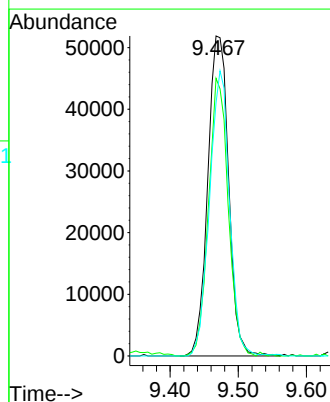
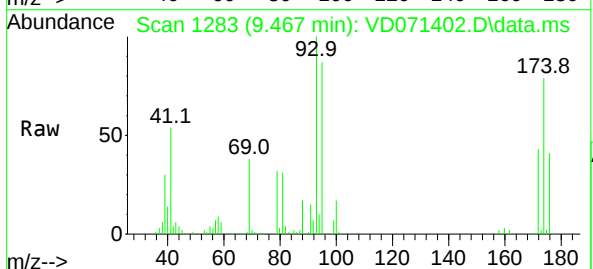
Tgt Ion: 93 Resp: 110387

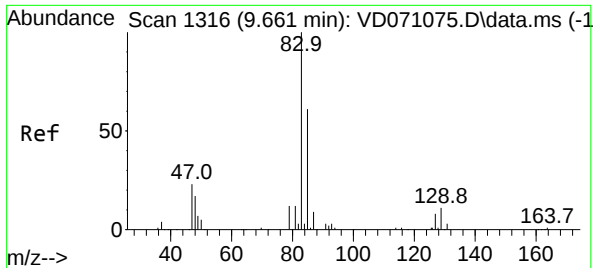
Ion Ratio Lower Upper

93 100

95 81.8 66.1 99.1

174 85.6 78.6 117.8





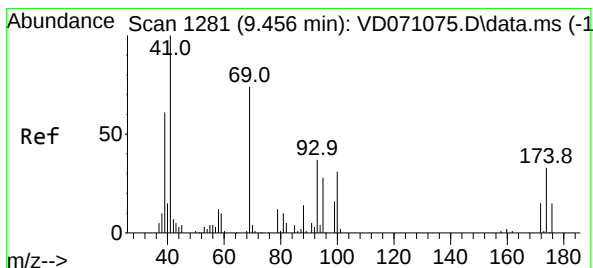
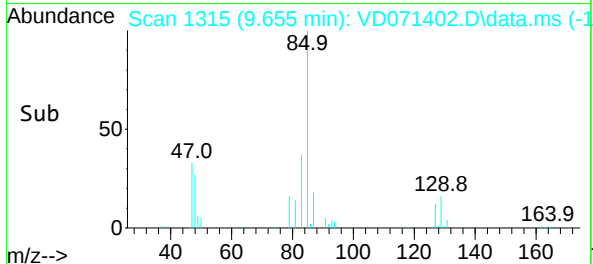
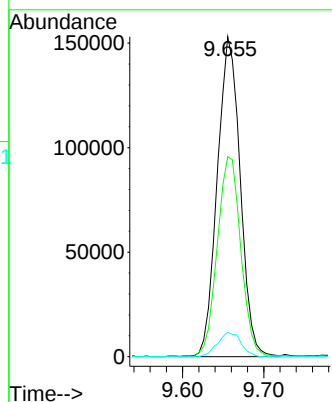
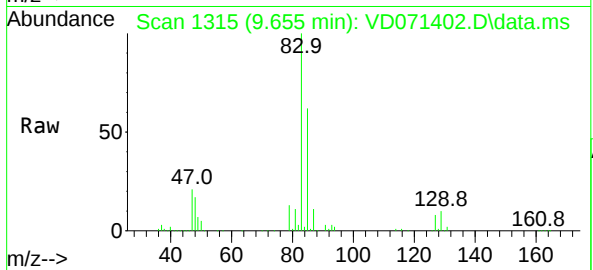
#47
Bromodichloromethane
Concen: 57.903 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 30058
Ion Ratio Lower Upper
83 100
85 62.3 50.0 75.0
127 7.6 7.3 10.9

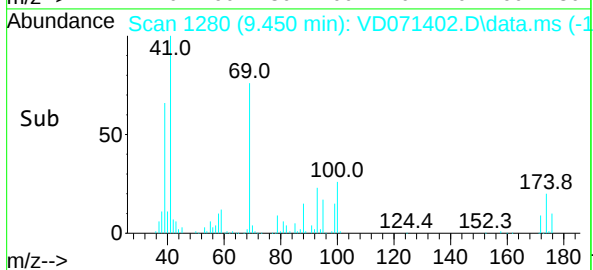
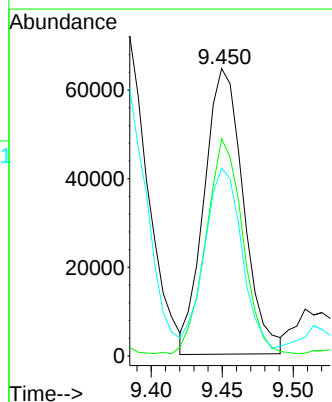
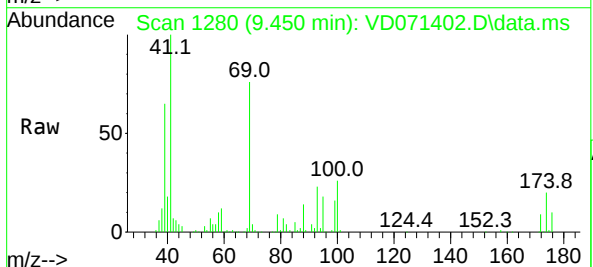
Manual Integrations
APPROVED

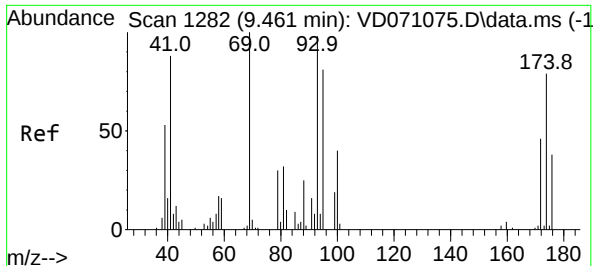
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#48
Methyl methacrylate
Concen: 55.327 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Tgt Ion: 41 Resp: 123904
Ion Ratio Lower Upper
41 100
69 72.5 69.8 104.6
39 64.1 35.6 53.4





#49

1,4-Dioxane

Concen: 1173.789 ug/l

RT: 9.455 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2224

Ion Ratio Lower Upper

88 100

43 27.6 28.9 43.3

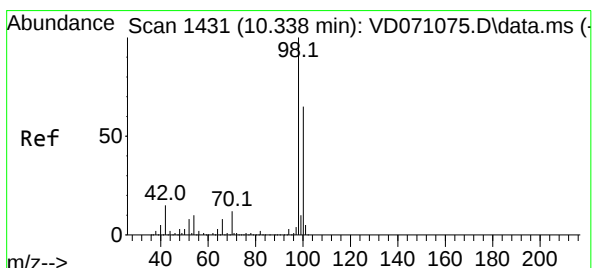
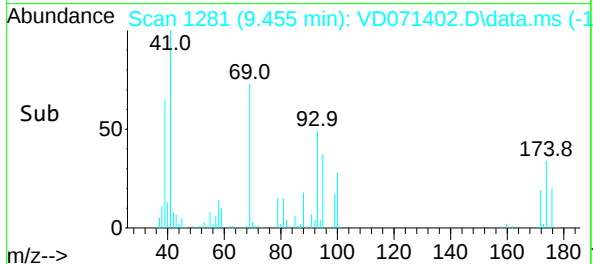
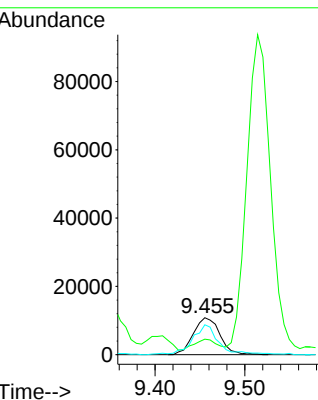
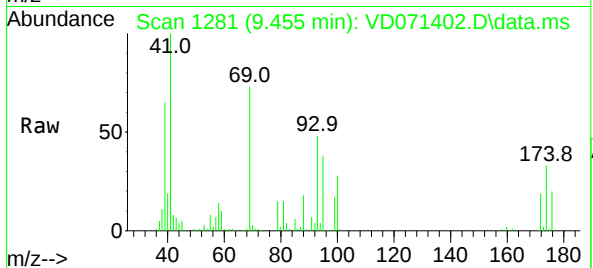
58 81.5 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#50

Toluene-d8

Concen: 46.690 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071402.D

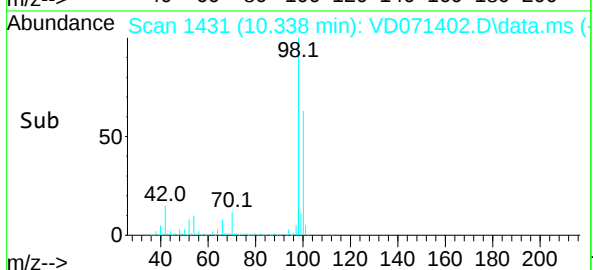
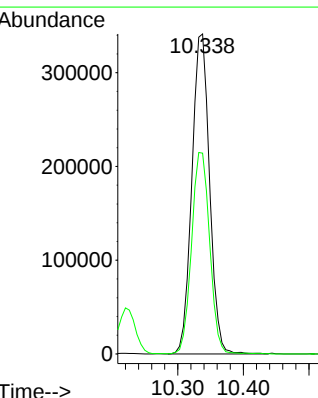
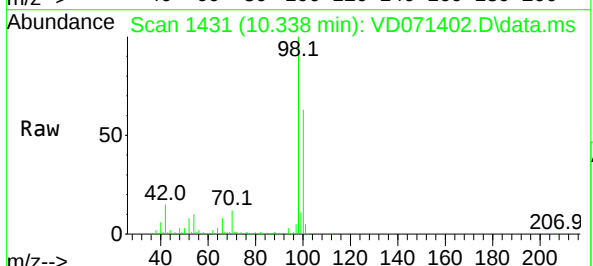
Acq: 21 Dec 2021 09:01

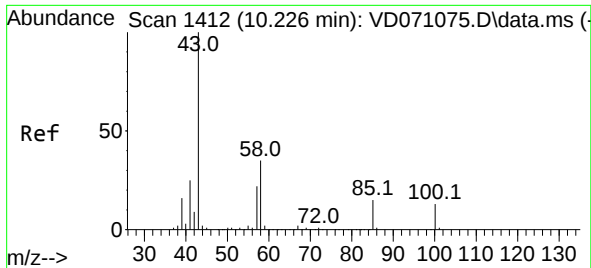
Tgt Ion: 98 Resp: 641175

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.6





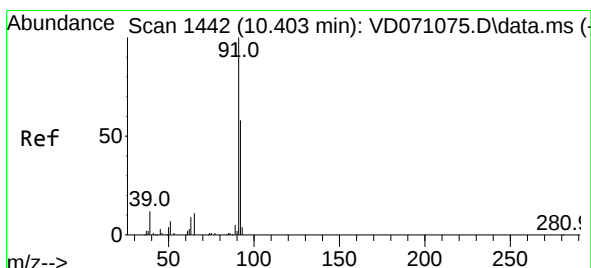
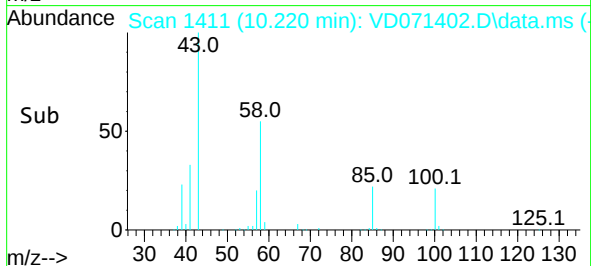
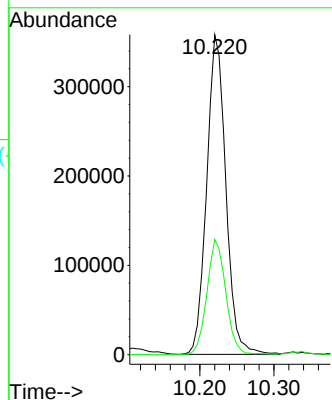
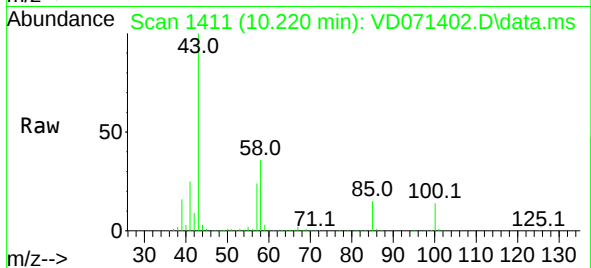
#51
4-Methyl-2-Pentanone
Concen: 249.195 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 642599
Ion Ratio Lower Upper
43 100
58 35.7 33.1 49.7

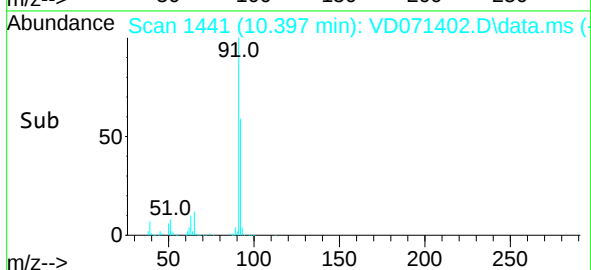
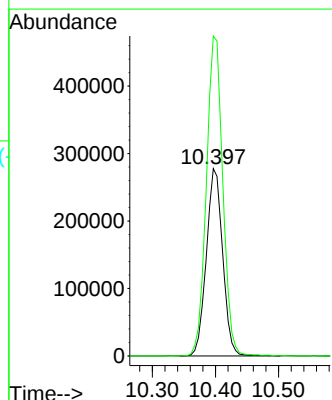
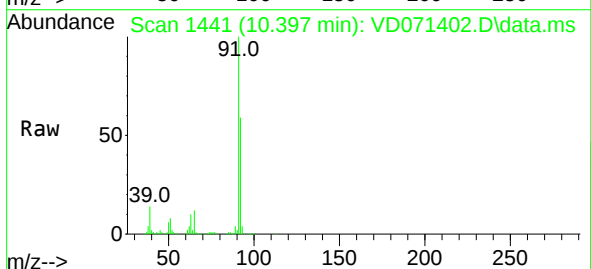
Manual Integrations
APPROVED

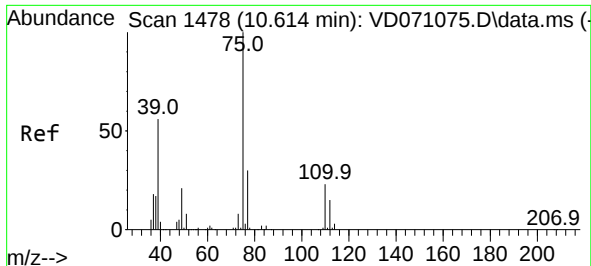
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#52
Toluene
Concen: 54.669 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

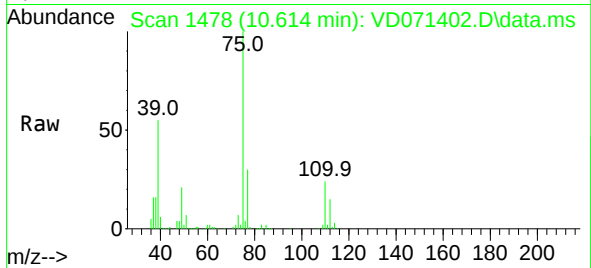
Tgt Ion: 92 Resp: 499023
Ion Ratio Lower Upper
92 100
91 172.4 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 56.084 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

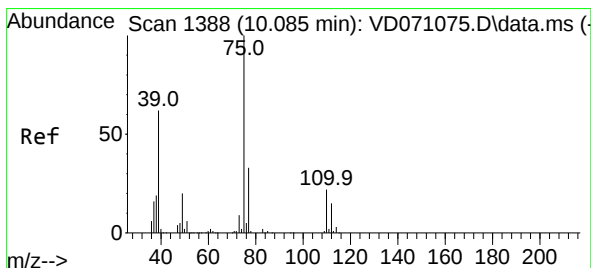
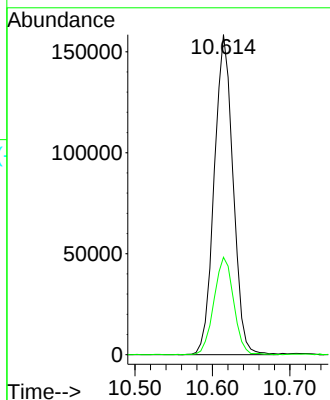
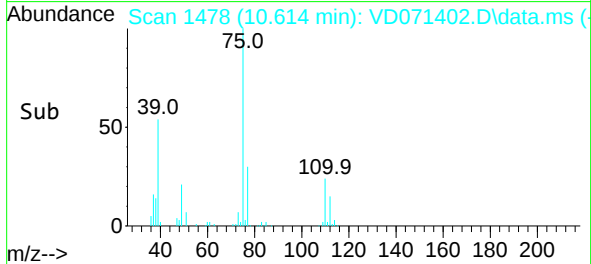
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



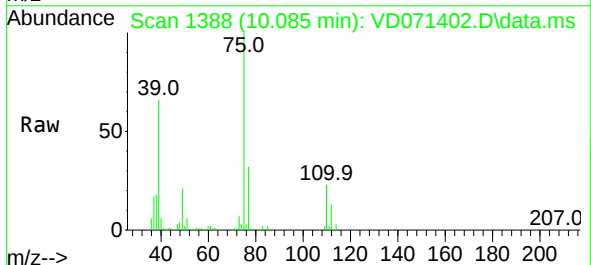
Tgt Ion: 75 Resp: 26767
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7

Manual Integrations
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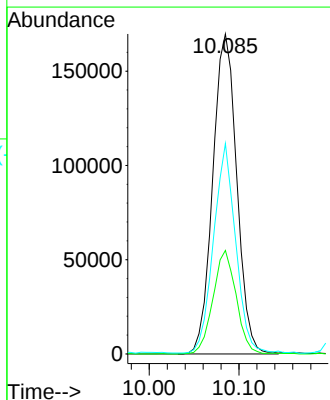
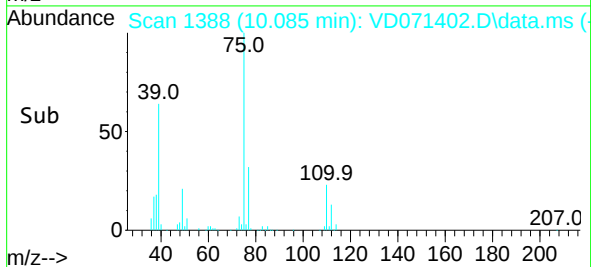
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

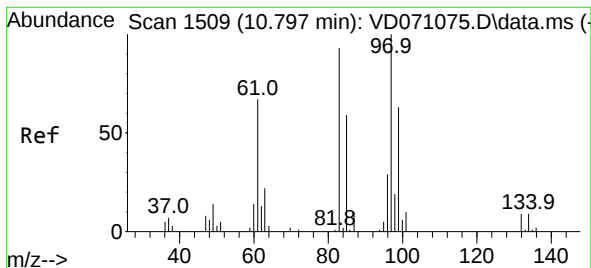


#54
cis-1,3-Dichloropropene
Concen: 55.542 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



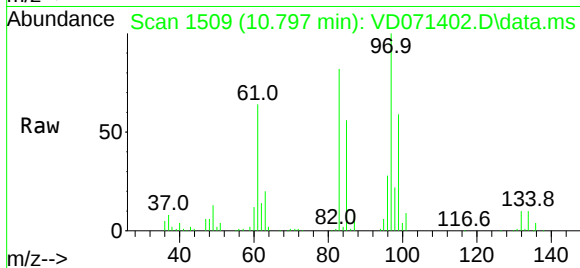
Tgt Ion: 75 Resp: 314883
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.6
39 65.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 58.777 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

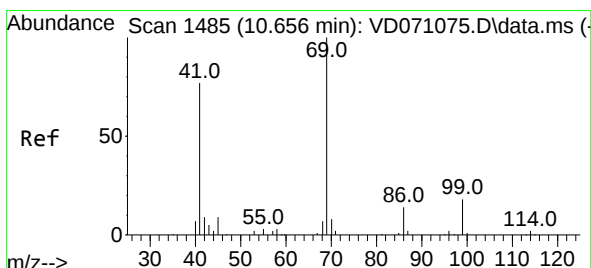
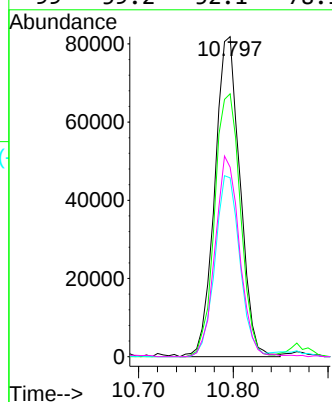
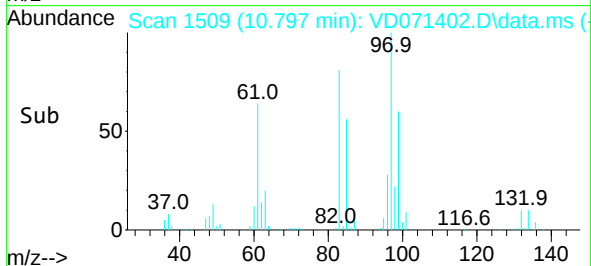
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



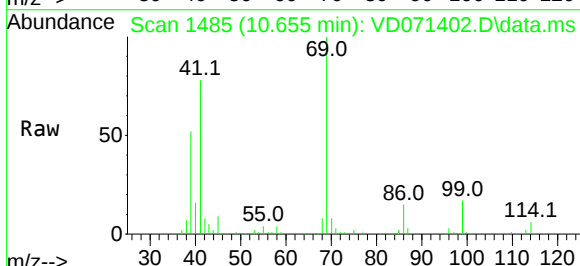
Tgt Ion: 97 Resp: 151352
Ion Ratio Lower Upper
97 100
83 82.1 65.2 97.8
85 55.9 43.4 65.0
99 59.2 52.1 78.1

Manual Integrations
APPROVED

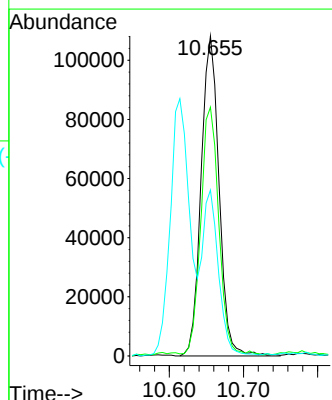
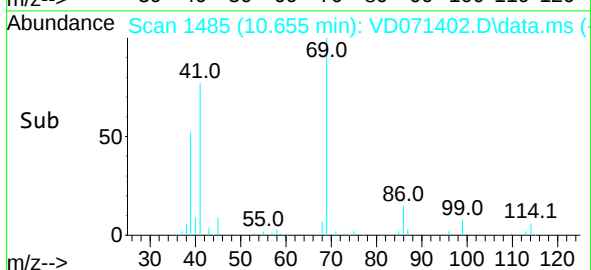
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

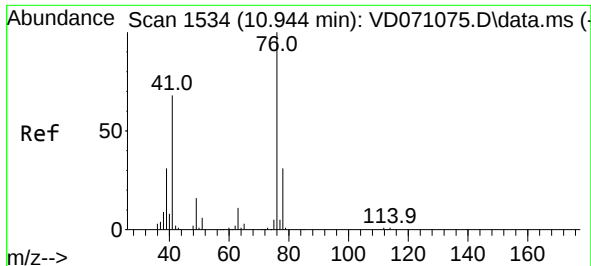


#56
Ethyl methacrylate
Concen: 49.262 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion: 69 Resp: 182247
Ion Ratio Lower Upper
69 100
41 76.3 50.2 75.2#
39 45.5 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 57.487 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 260040

Ion Ratio Lower Upper

76 100

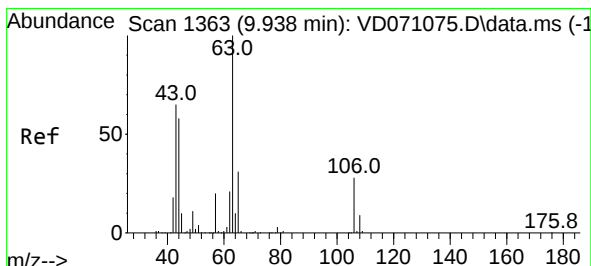
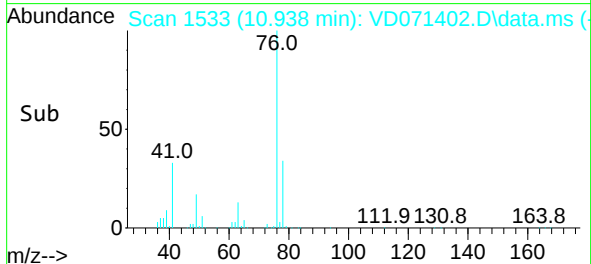
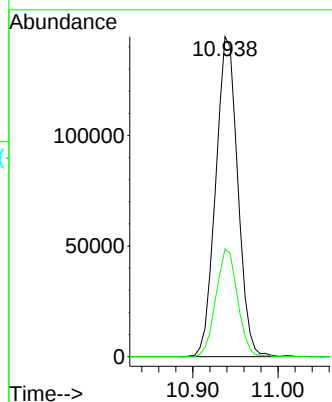
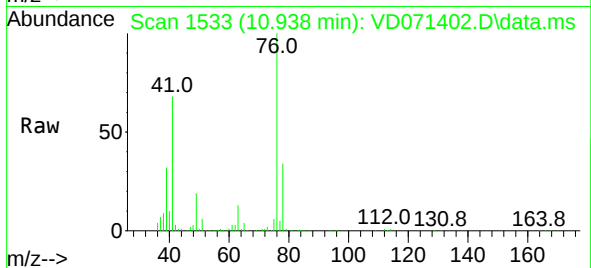
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#58

2-Chloroethyl Vinyl ether

Concen: 258.689 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071402.D

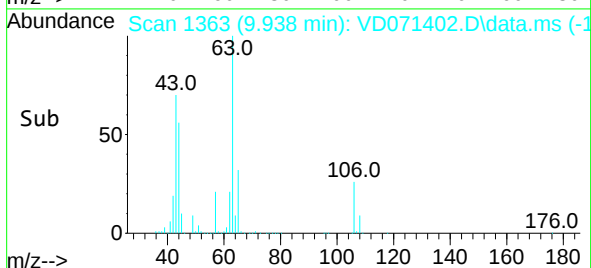
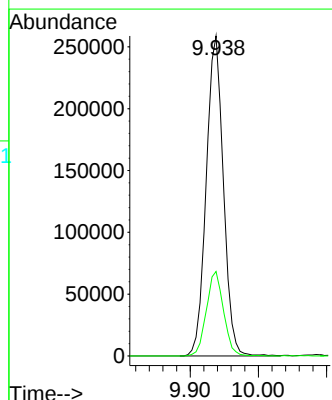
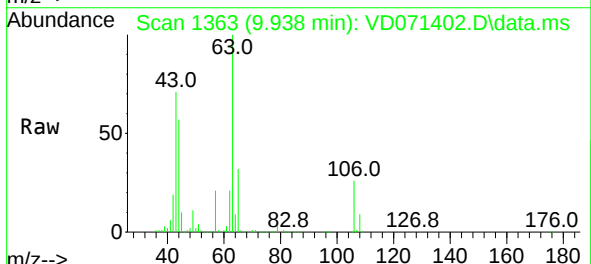
Acq: 21 Dec 2021 09:01

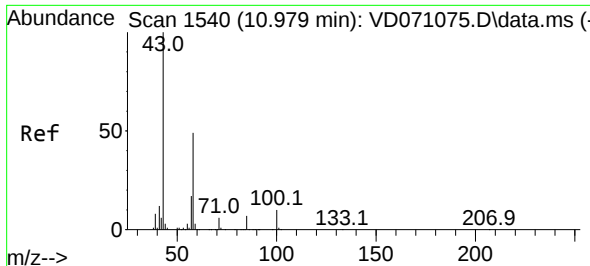
Tgt Ion: 63 Resp: 453291

Ion Ratio Lower Upper

63 100

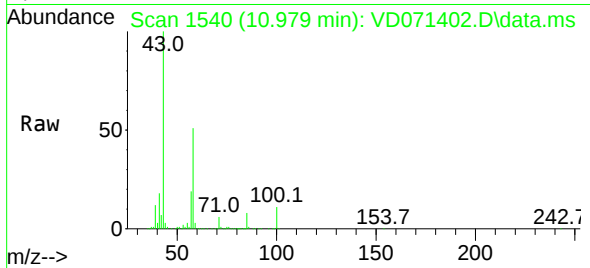
106 26.3 21.0 31.4





#59
2-Hexanone
Concen: 239.833 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

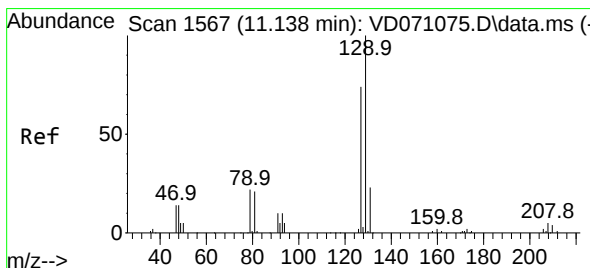
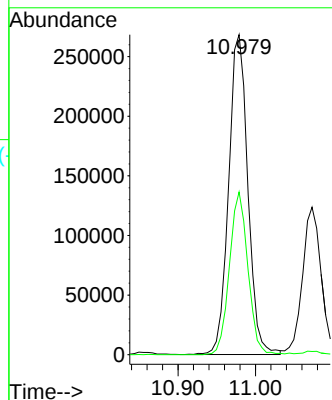
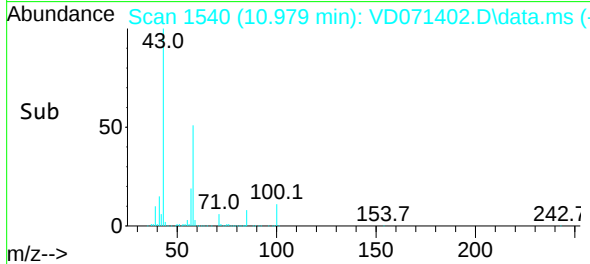
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46304
Ion Ratio Lower Upper
43 100
58 48.9 28.7 86.1

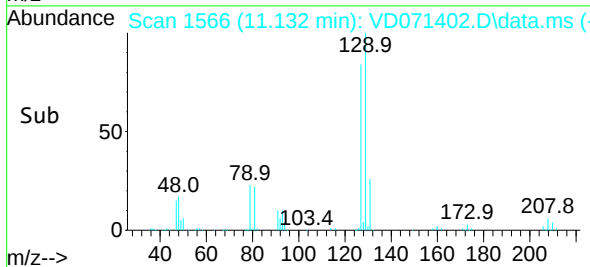
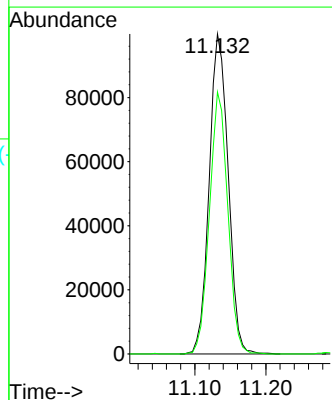
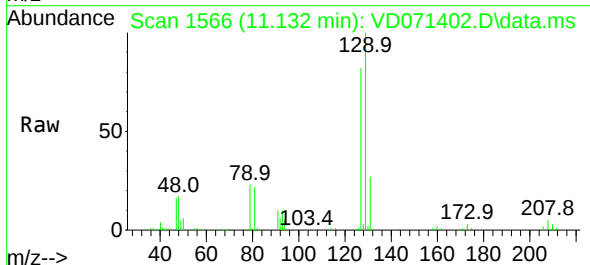
Manual Integrations
APPROVED

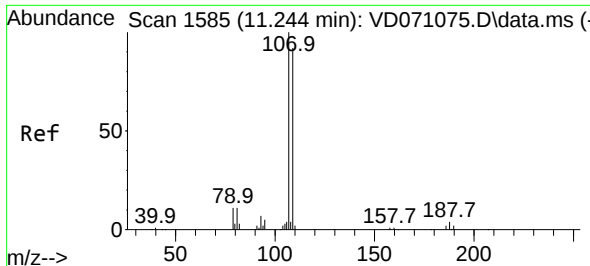
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#60
Dibromochloromethane
Concen: 57.820 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Tgt Ion:129 Resp: 185045
Ion Ratio Lower Upper
129 100
127 79.3 38.9 116.6





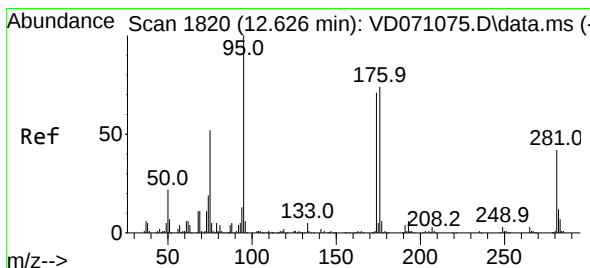
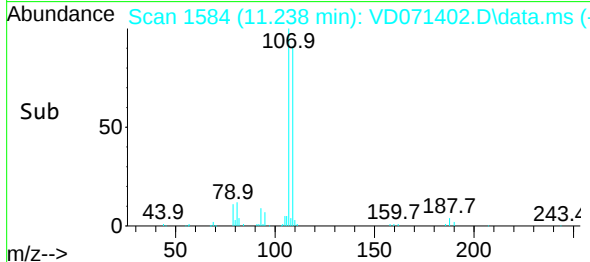
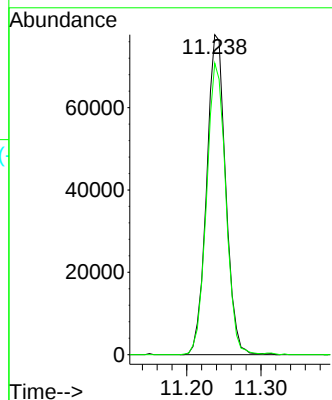
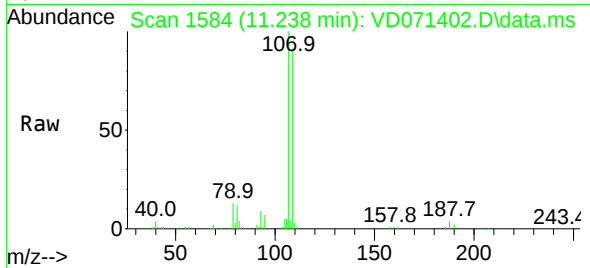
#61
1,2-Dibromoethane
Concen: 56.038 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 13858
Ion Ratio Lower Upper
107 100
109 91.9 74.6 112.0

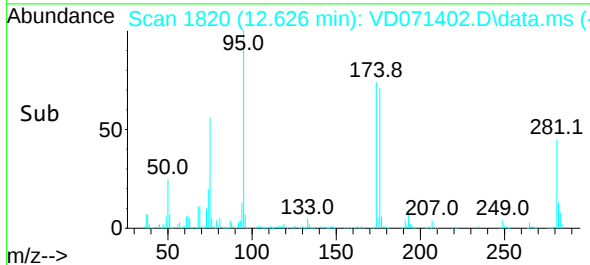
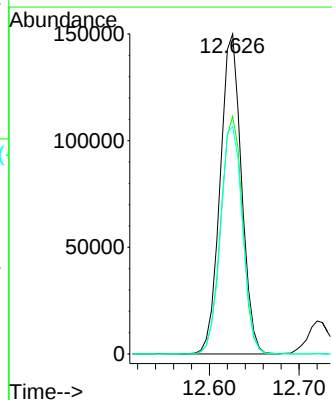
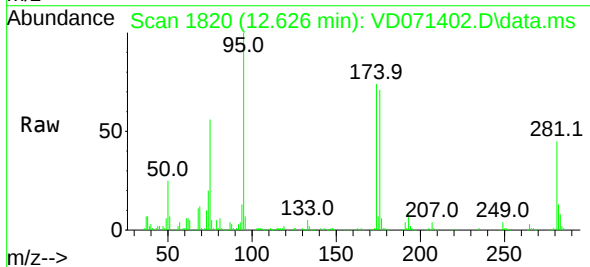
Manual Integrations
APPROVED

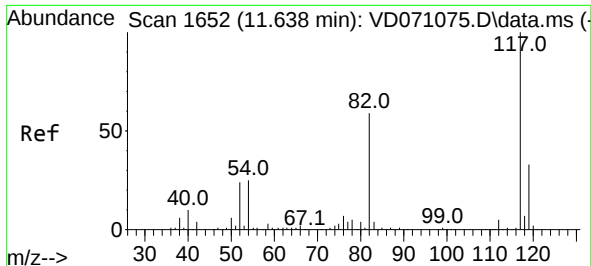
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#62
4-Bromofluorobenzene
Concen: 52.001 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

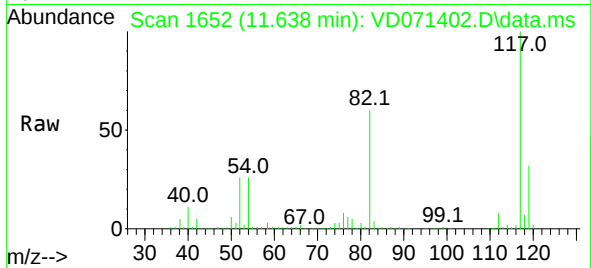
Tgt Ion: 95 Resp: 247536
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 73.8 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

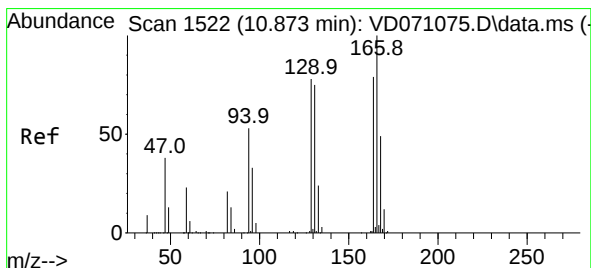
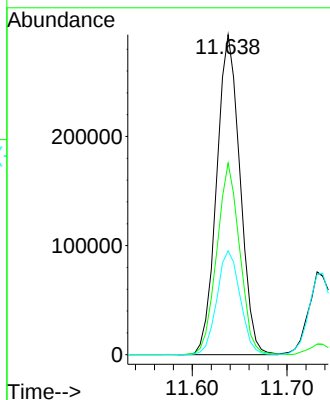
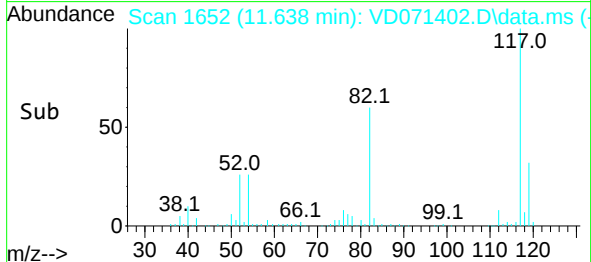
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 50360
Ion Ratio Lower Upper
117 100
82 59.8 44.7 67.1
119 32.5 26.2 39.4

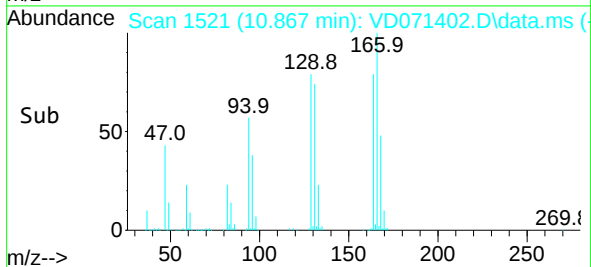
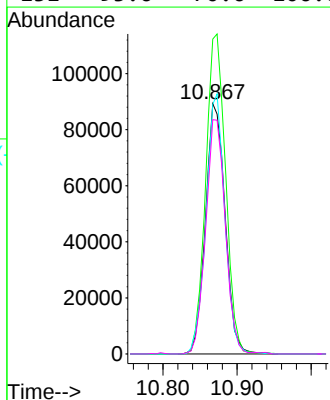
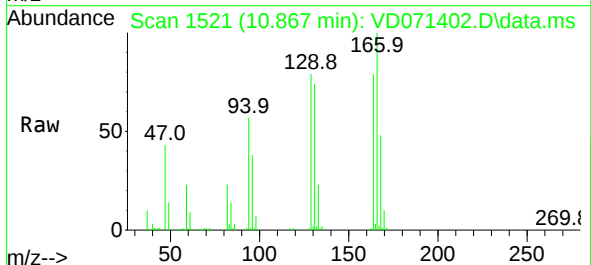
Manual Integrations
APPROVED

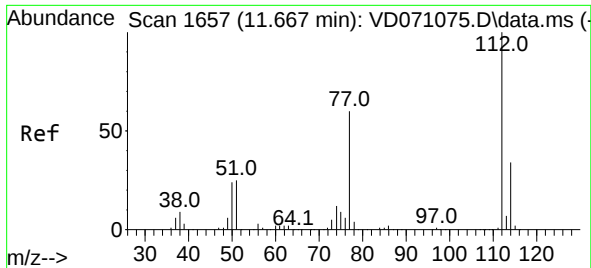
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#64
Tetrachloroethene
Concen: 51.476 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

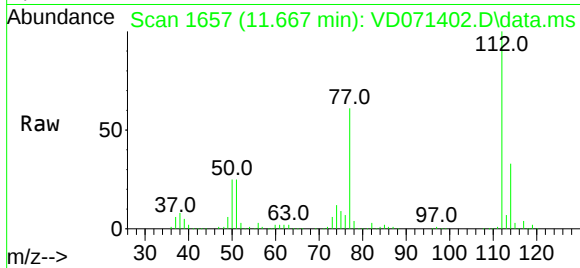
Tgt Ion:164 Resp: 164575
Ion Ratio Lower Upper
164 100
166 125.8 102.6 153.8
129 99.7 75.4 113.0
131 93.6 70.6 106.0





#65
Chlorobenzene
Concen: 55.656 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

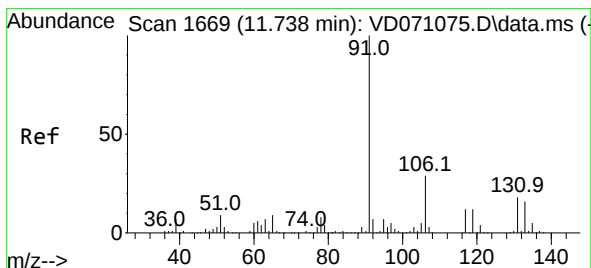
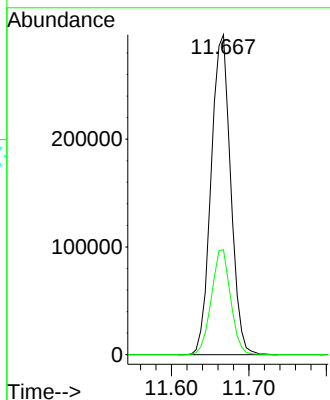
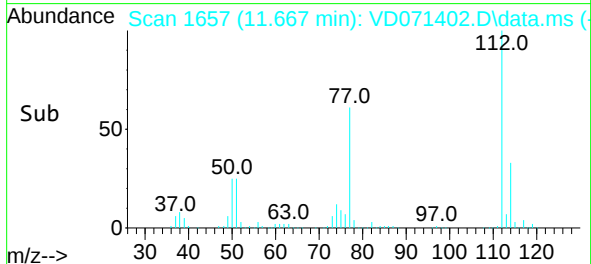
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



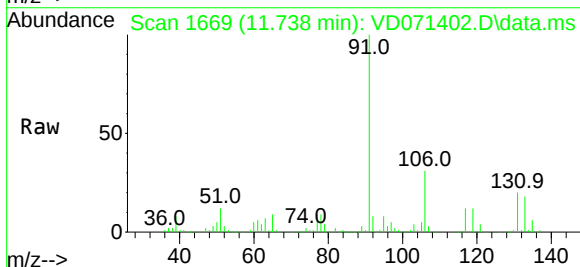
Tgt Ion:112 Resp: 52005
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0

Manual Integrations
APPROVED

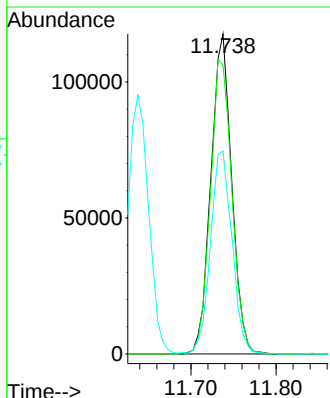
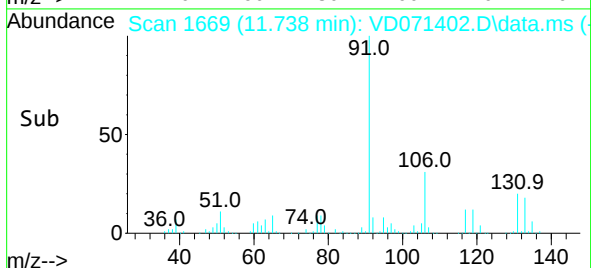
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

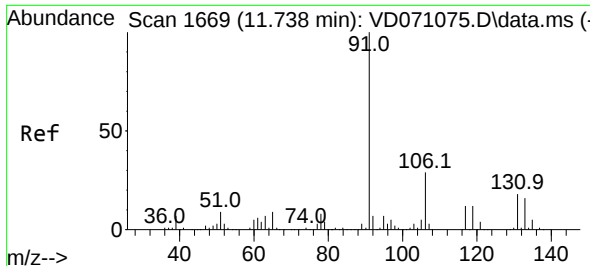


#66
1,1,1,2-Tetrachloroethane
Concen: 58.641 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion:131 Resp: 200069
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 66.1 33.5 100.4





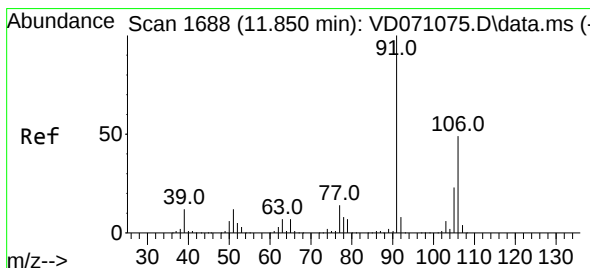
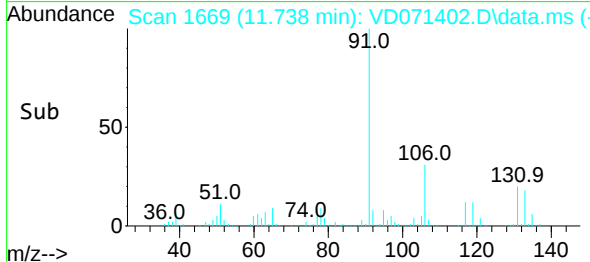
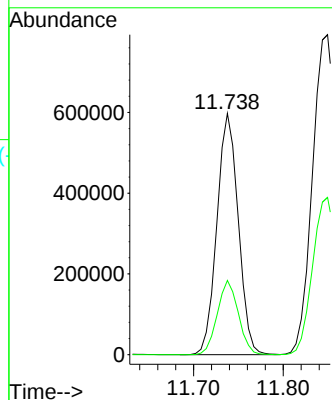
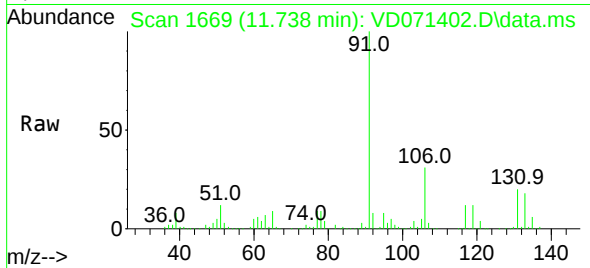
#67
Ethyl Benzene
Concen: 56.121 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 987190
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

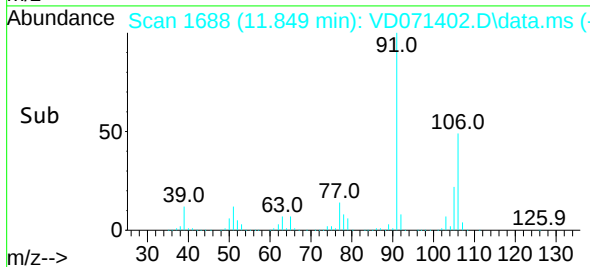
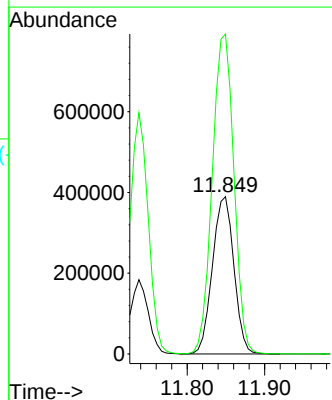
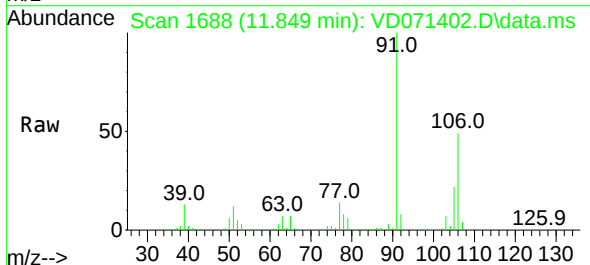
Manual Integrations
APPROVED

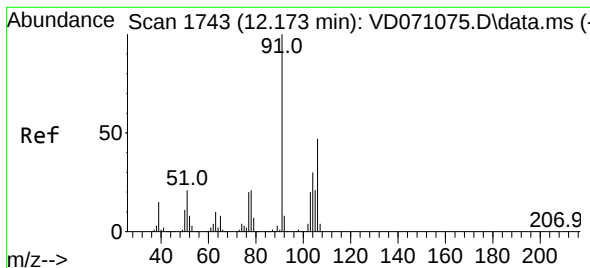
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#68
m/p-Xylenes
Concen: 112.789 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

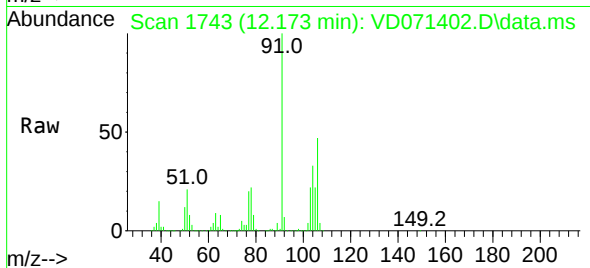
Tgt Ion:106 Resp: 749032
Ion Ratio Lower Upper
106 100
91 205.3 160.1 240.1





#69
o-Xylene
Concen: 56.229 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

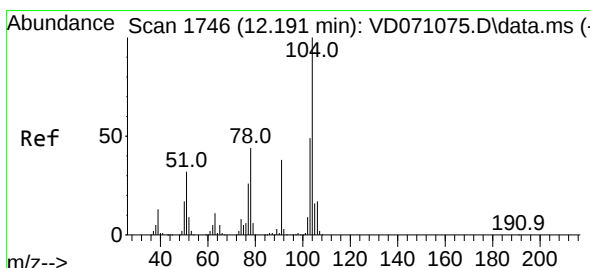
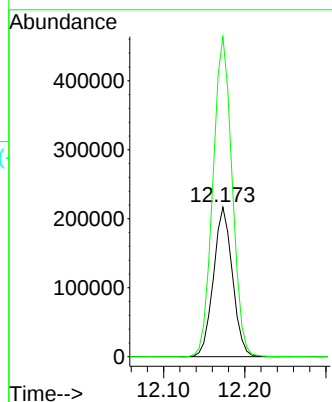
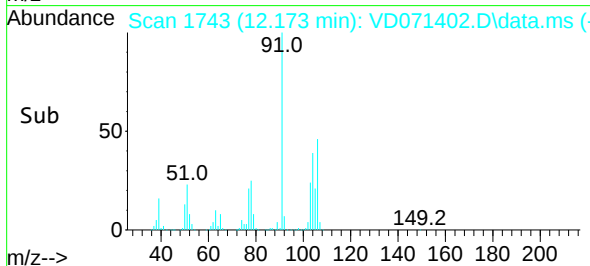
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 35096
Ion Ratio Lower Upper
106 100
91 217.4 106.3 319.0

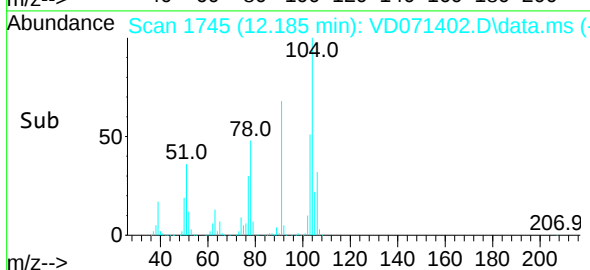
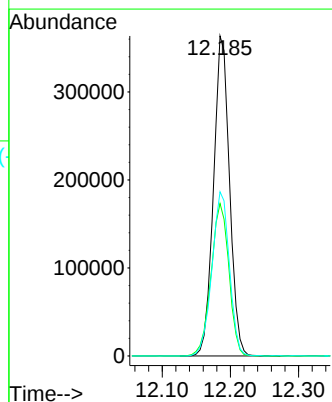
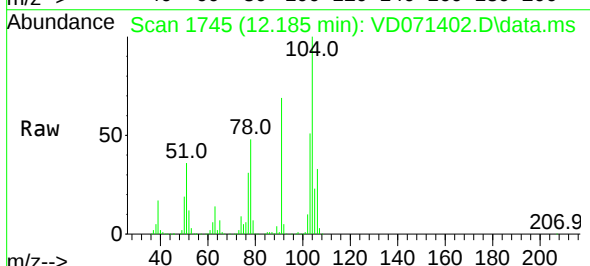
Manual Integrations
APPROVED

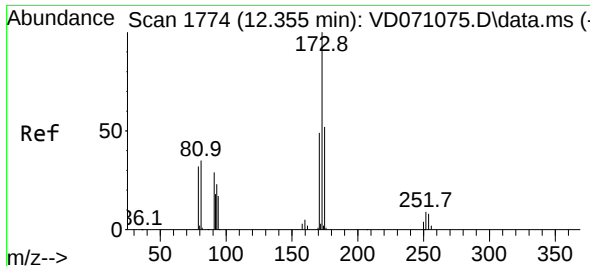
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#70
Styrene
Concen: 56.588 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

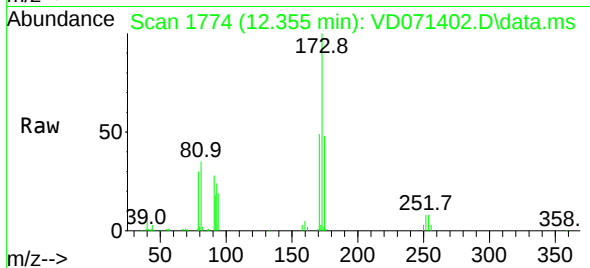
Tgt Ion:104 Resp: 595280
Ion Ratio Lower Upper
104 100
78 53.0 39.4 59.0
103 55.8 43.4 65.0





#71
Bromoform
Concen: 56.836 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

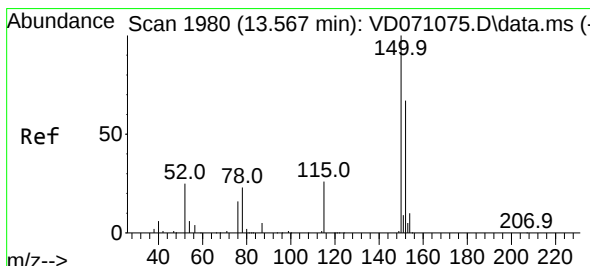
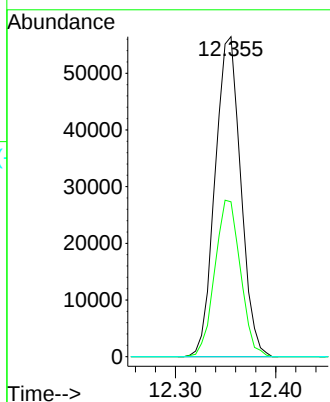
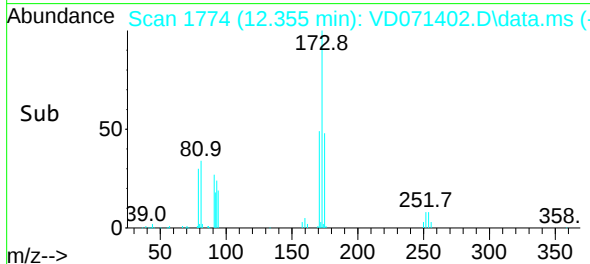
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



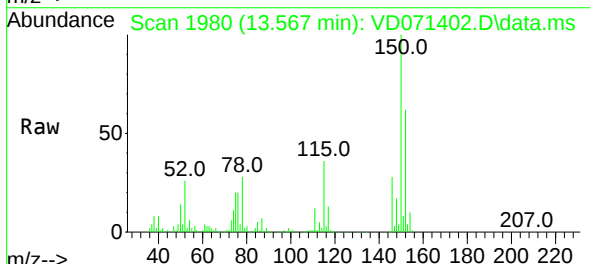
Tgt Ion:173 Resp: 100458
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

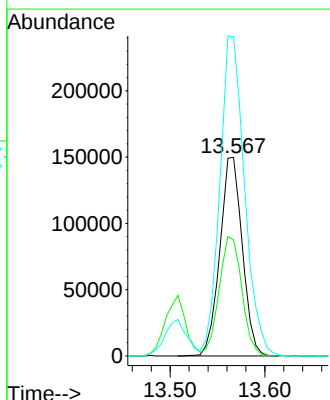
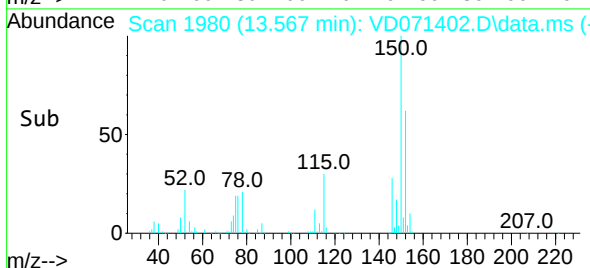
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

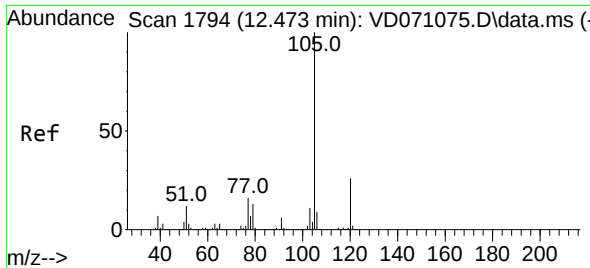


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



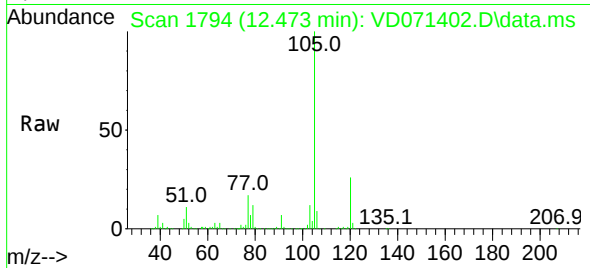
Tgt Ion:152 Resp: 246794
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 177.2 0.0 349.2





#73
Isopropylbenzene
Concen: 53.954 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

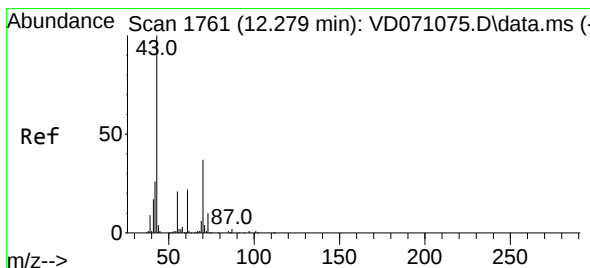
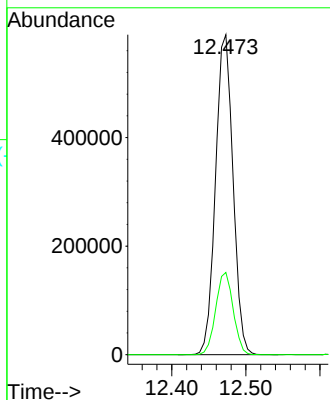
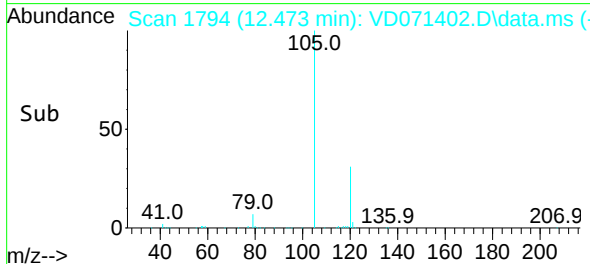
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



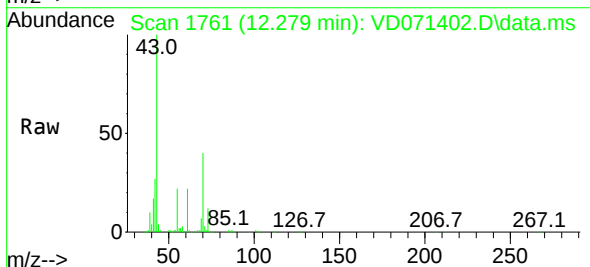
Tgt Ion:105 Resp: 96415
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

Manual Integrations
APPROVED

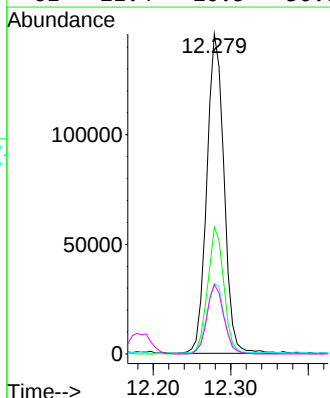
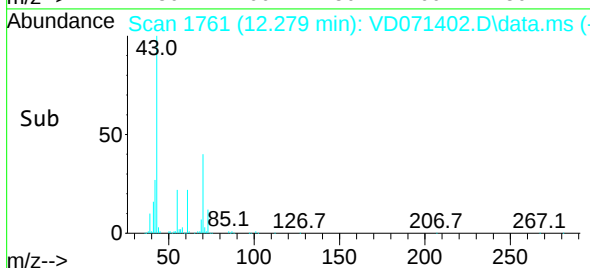
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

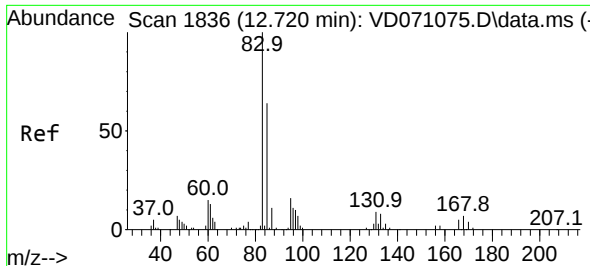


#74
N-ethyl acetate
Concen: 46.301 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



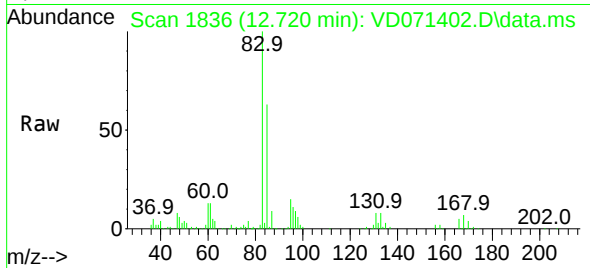
Tgt Ion: 43 Resp: 224201
Ion Ratio Lower Upper
43 100
70 37.6 36.6 55.0
55 23.2 22.5 33.7
61 21.4 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 55.126 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

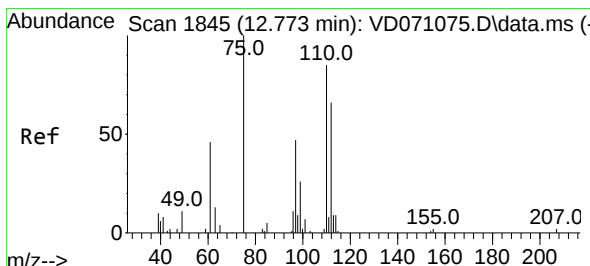
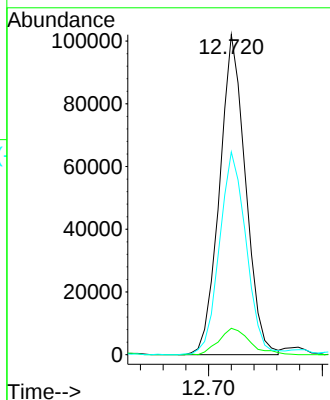
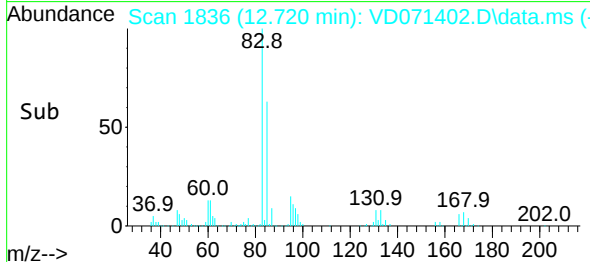
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



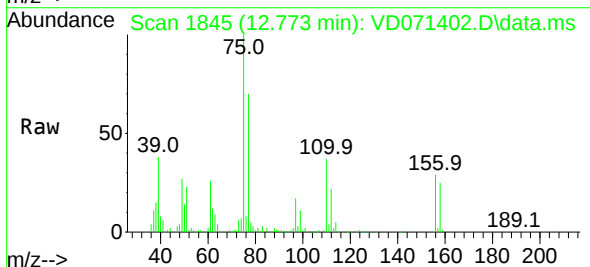
Tgt Ion: 83 Resp: 162220
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 65.1 32.0 96.2

Manual Integrations
APPROVED

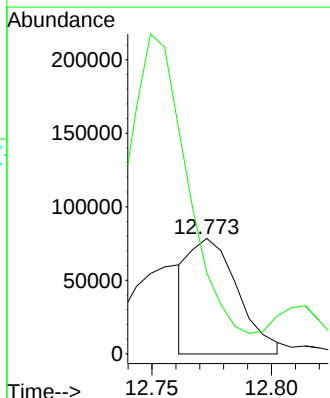
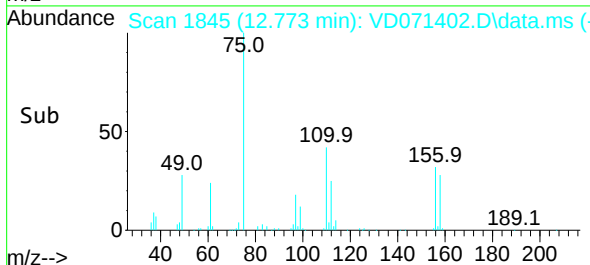
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

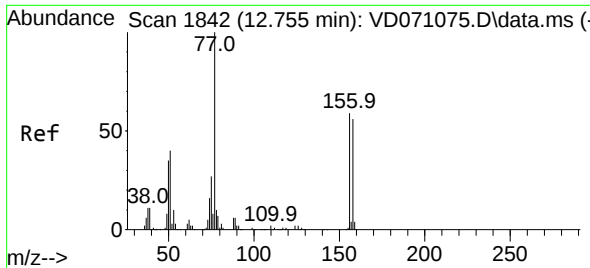


#76
1,2,3-Trichloropropane
Concen: 47.027 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



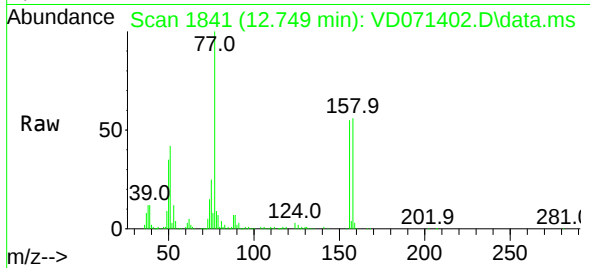
Tgt Ion: 75 Resp: 110577
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 53.083 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

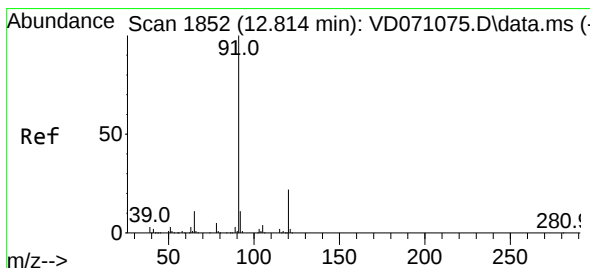
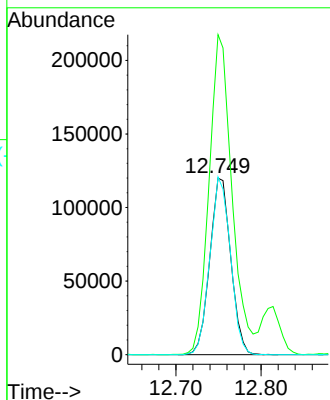
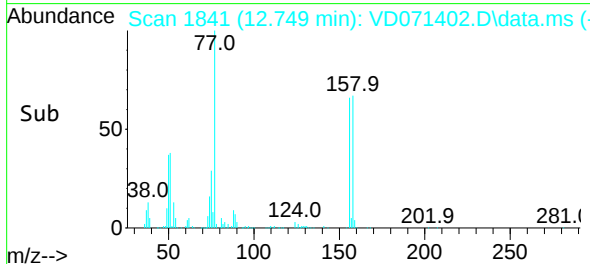
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



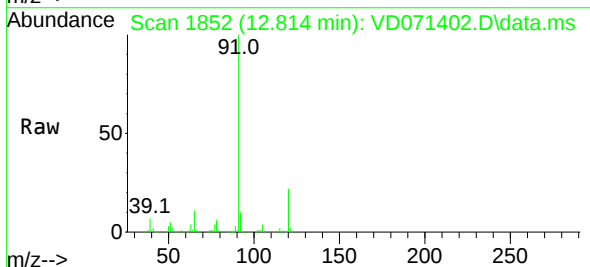
Tgt Ion:156 Resp: 205464
Ion Ratio Lower Upper
156 100
77 197.0 96.6 289.8
158 98.3 49.1 147.4

Manual Integrations
APPROVED

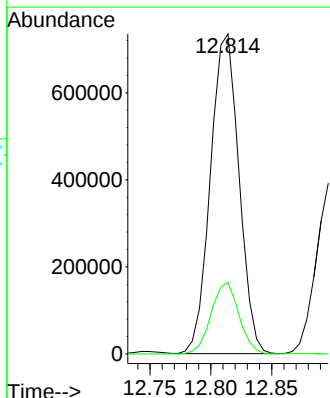
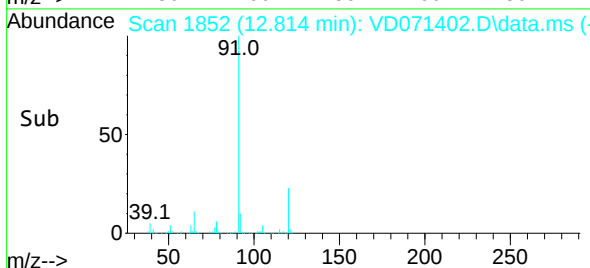
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

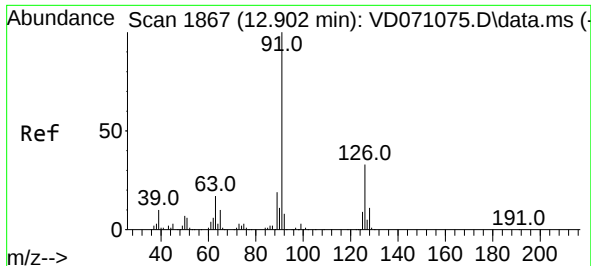


#78
n-propylbenzene
Concen: 53.973 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion: 91 Resp: 1201113
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





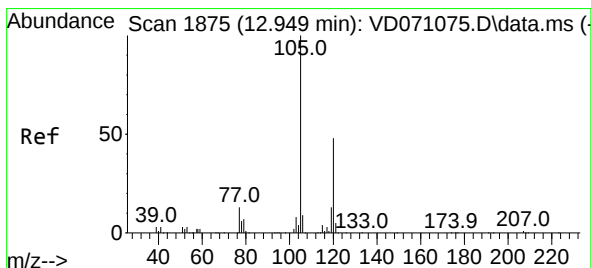
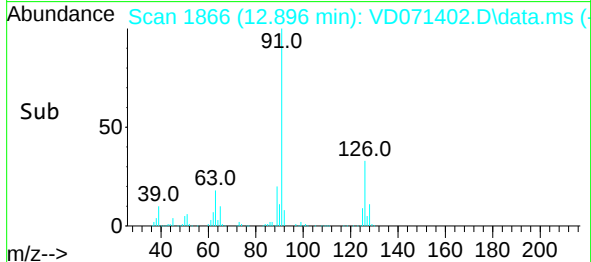
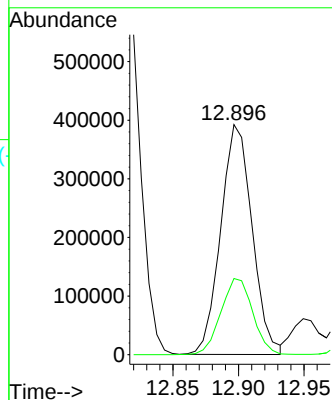
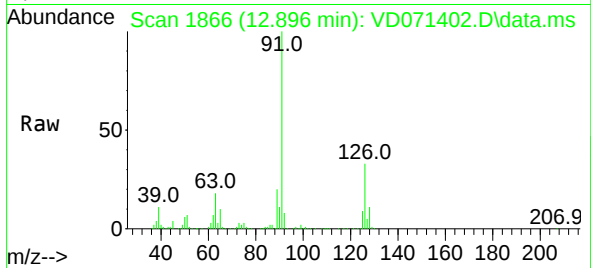
#79
2-Chlorotoluene
Concen: 52.372 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 65414
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7

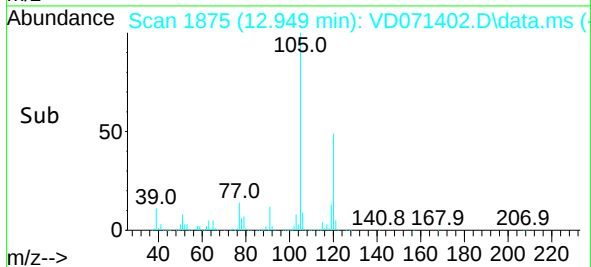
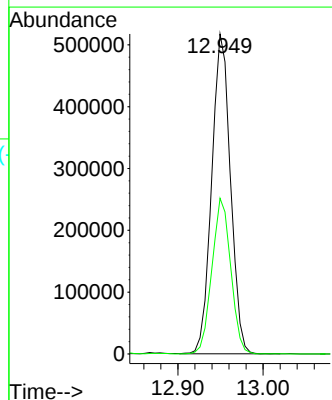
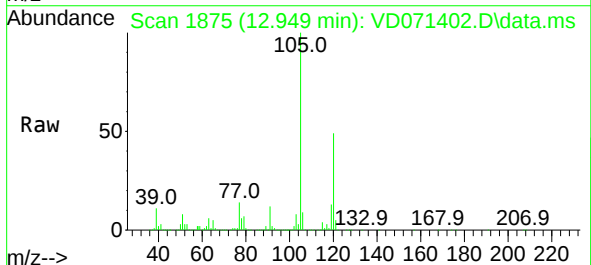
Manual Integrations
APPROVED

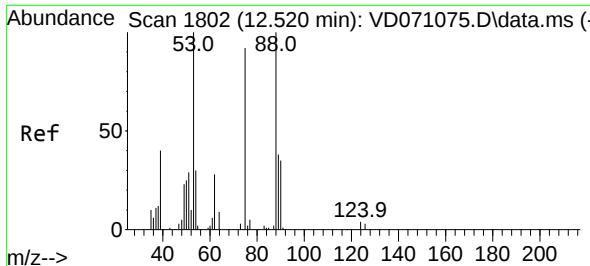
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.805 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Tgt Ion:105 Resp: 792856
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.8





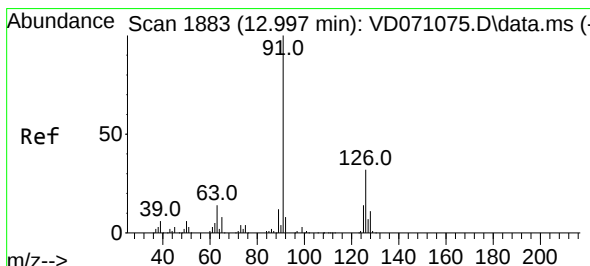
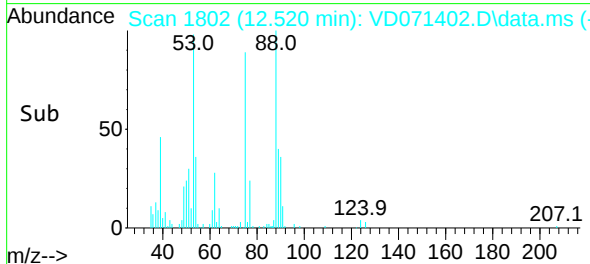
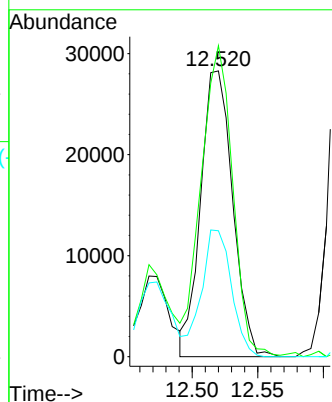
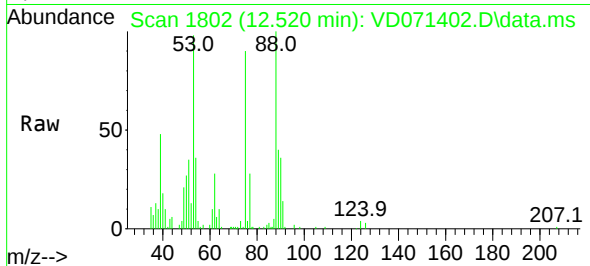
#81
trans-1,4-Dichloro-2-butene
Concen: 48.060 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 4806
Ion Ratio Lower Upper
75 100
53 106.0 62.6 94.0
89 42.0 34.5 51.7

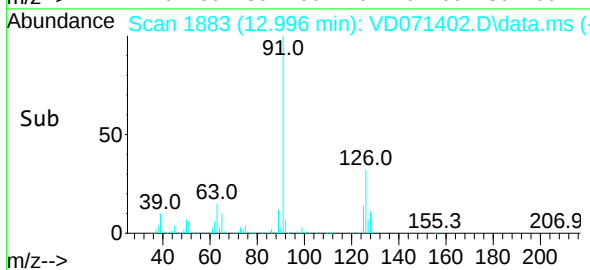
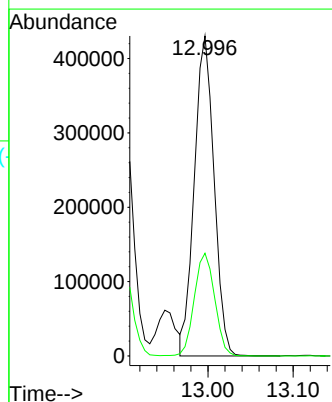
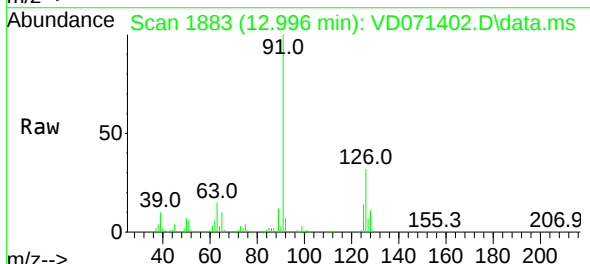
Manual Integrations
APPROVED

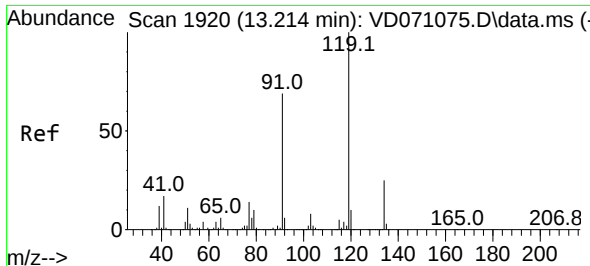
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#82
4-Chlorotoluene
Concen: 53.250 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

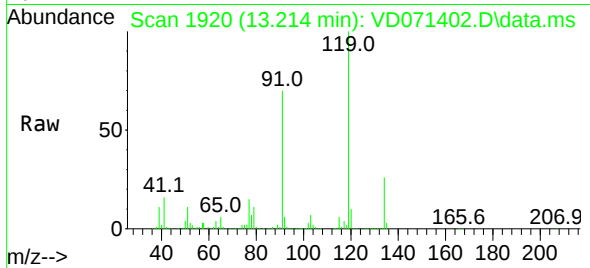
Tgt Ion: 91 Resp: 690483
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.1





#83
tert-Butylbenzene
Concen: 54.282 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

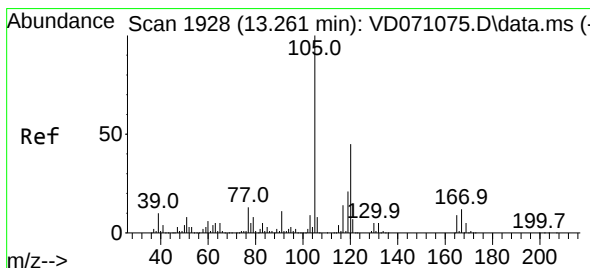
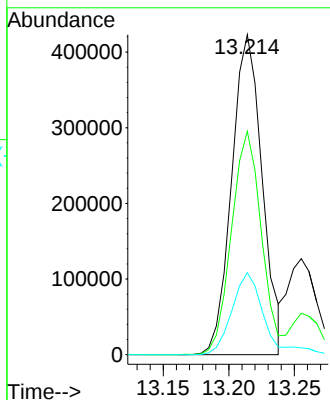
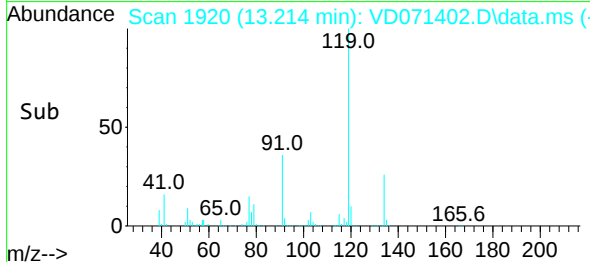
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



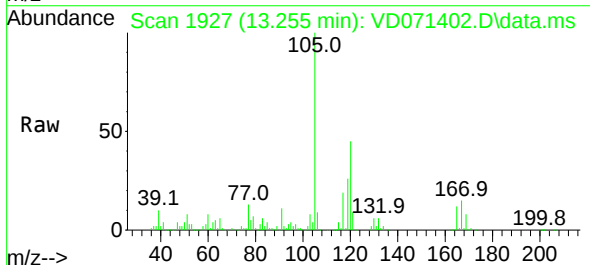
Tgt Ion:119 Resp: 68695
Ion Ratio Lower Upper
119 100
91 69.0 32.5 97.5
134 27.0 13.2 39.6

Manual Integrations
APPROVED

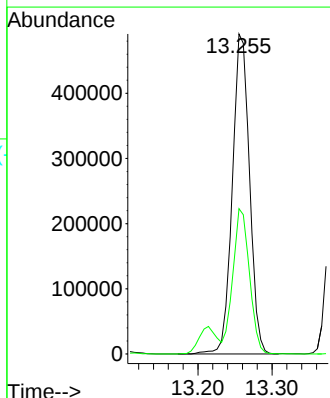
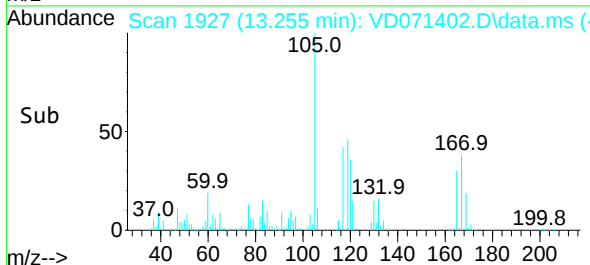
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

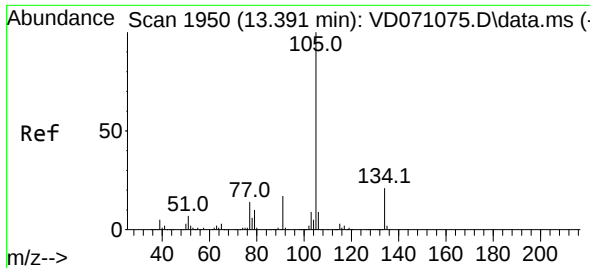


#84
1,2,4-Trimethylbenzene
Concen: 54.829 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion:105 Resp: 788806
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





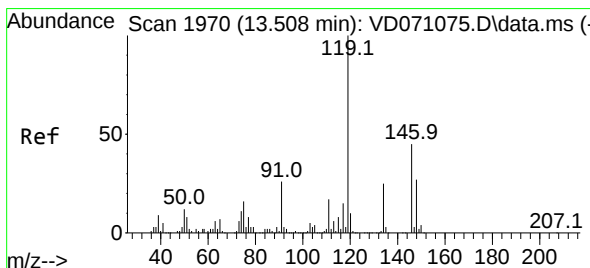
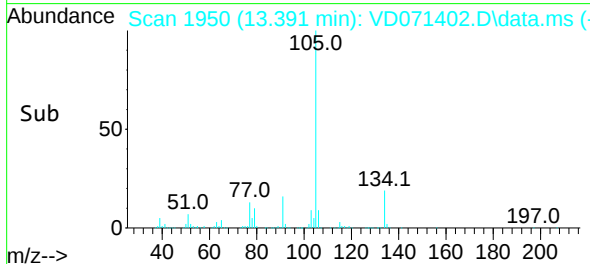
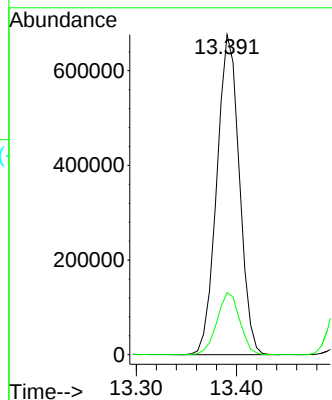
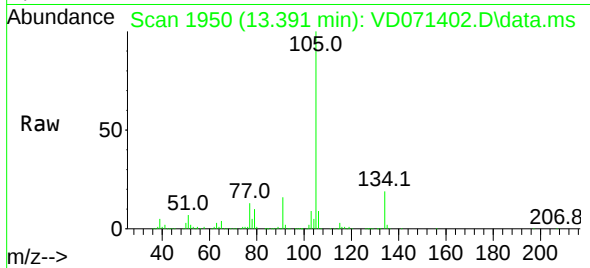
#85
 sec-Butylbenzene
 Concen: 54.592 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071402.D
 Acq: 21 Dec 2021 09:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1055209
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

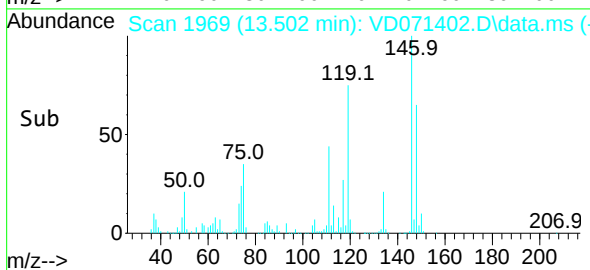
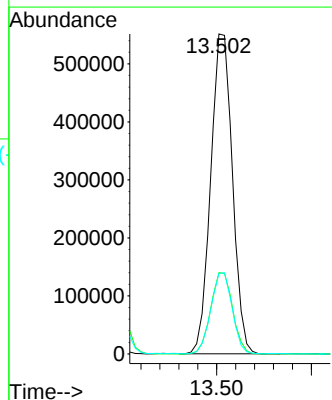
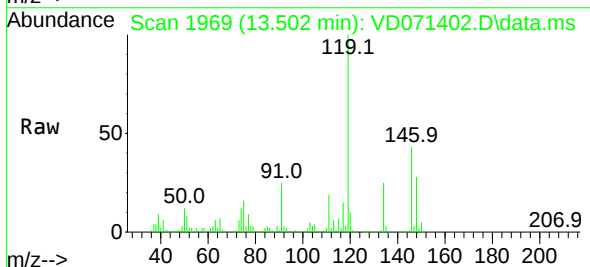
Manual Integrations
 APPROVED

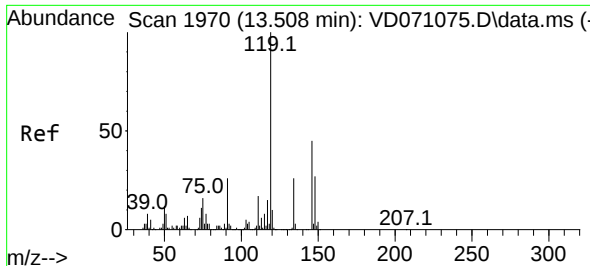
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021



#86
 p-Isopropyltoluene
 Concen: 55.444 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071402.D
 Acq: 21 Dec 2021 09:01

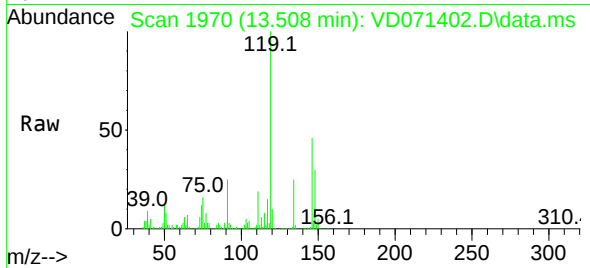
Tgt Ion:119 Resp: 876508
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 24.8 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 53.987 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

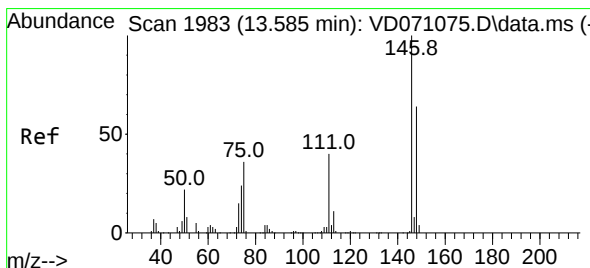
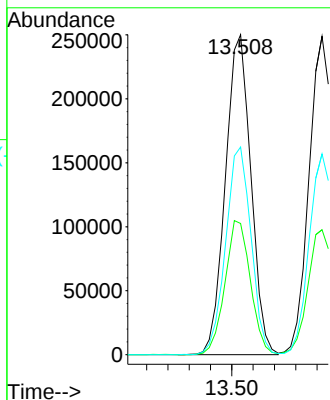
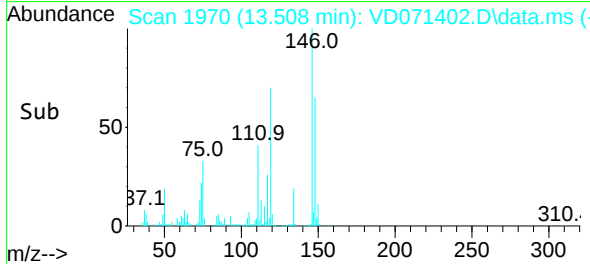
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



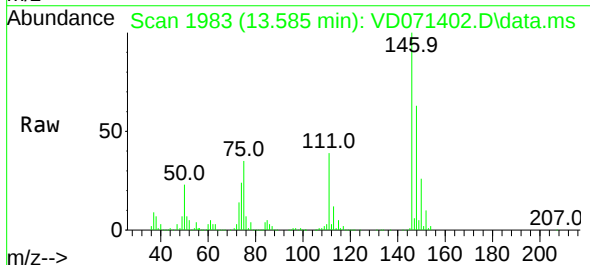
Tgt Ion:146 Resp: 415968
Ion Ratio Lower Upper
146 100
111 41.7 19.8 59.4
148 64.7 32.1 96.3

Manual Integrations
APPROVED

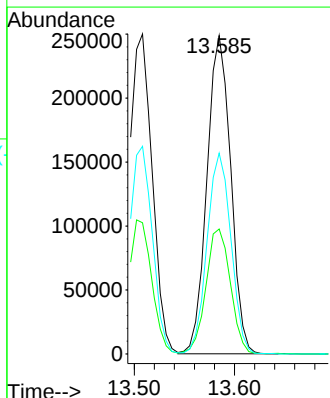
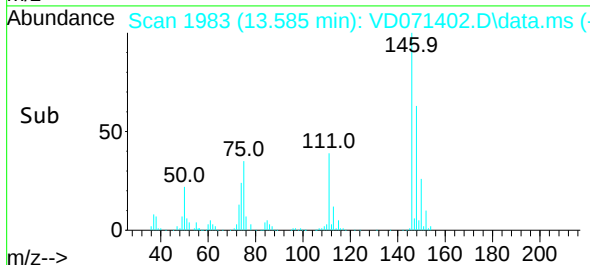
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

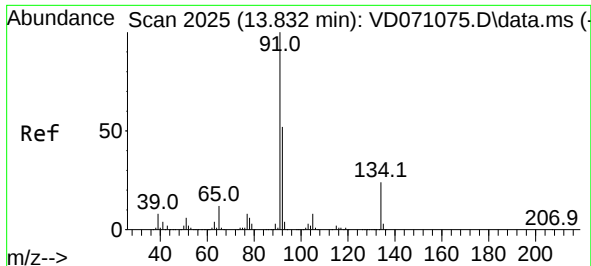


#88
1,4-Dichlorobenzene
Concen: 53.719 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



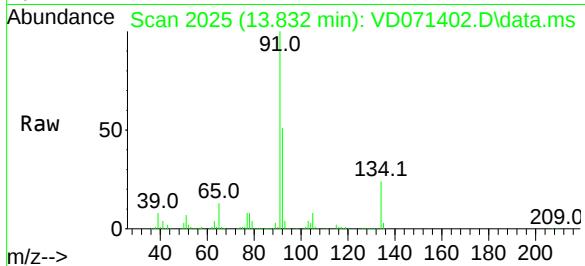
Tgt Ion:146 Resp: 410076
Ion Ratio Lower Upper
146 100
111 40.3 19.6 58.8
148 63.5 31.5 94.5





#89
n-Butylbenzene
Concen: 55.259 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

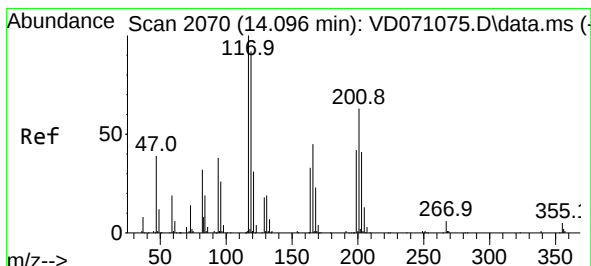
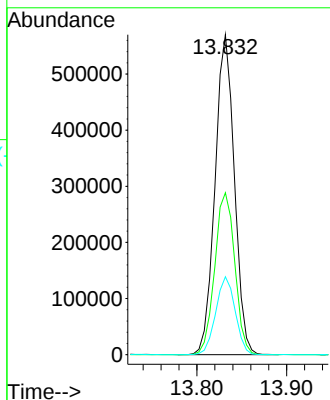
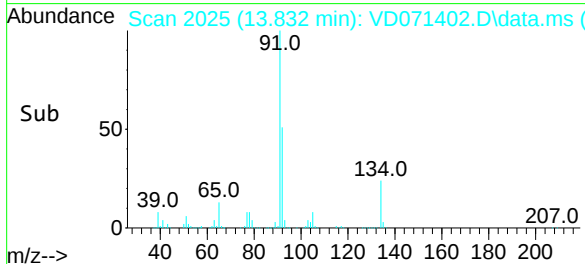
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 852784
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 24.5 12.3 36.9

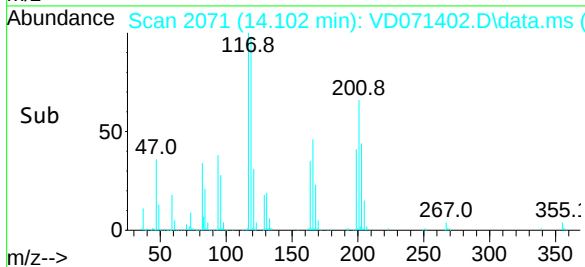
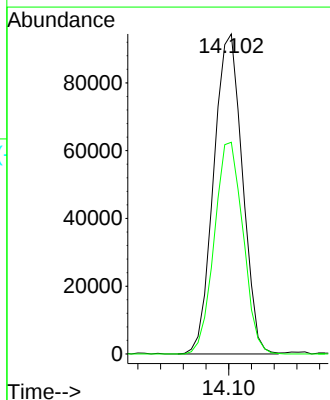
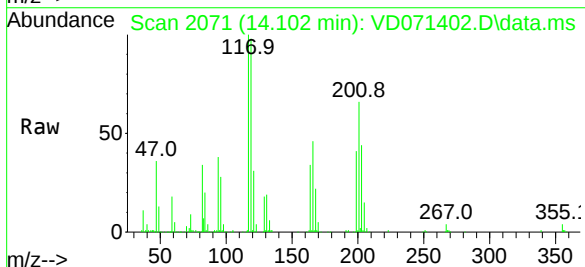
Manual Integrations
APPROVED

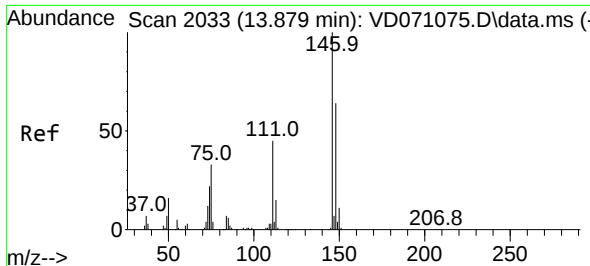
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#90
Hexachloroethane
Concen: 55.305 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

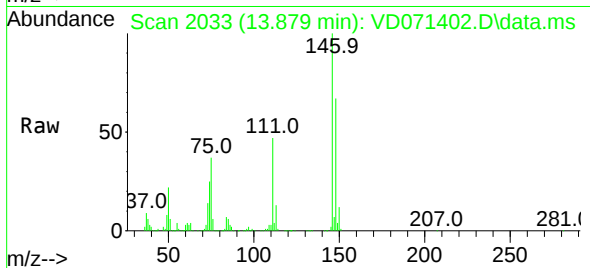
Tgt Ion:117 Resp: 165742
Ion Ratio Lower Upper
117 100
201 66.1 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 53.517 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

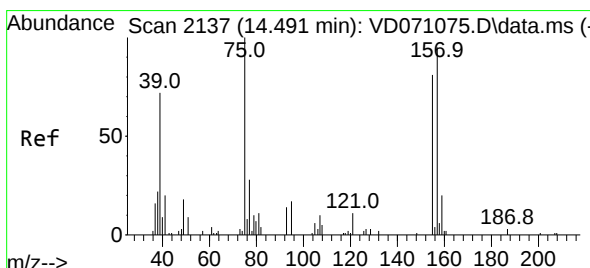
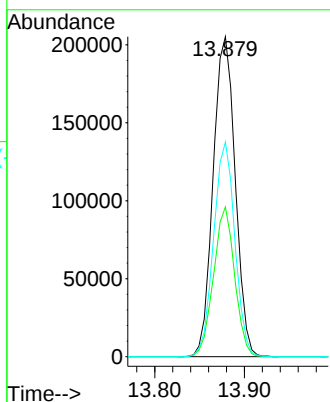
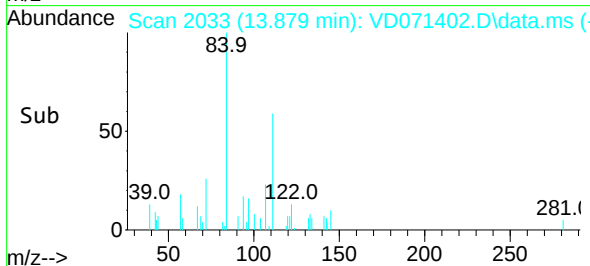
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



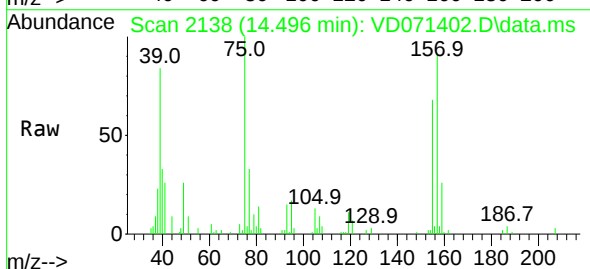
Tgt Ion:146 Resp: 350663
Ion Ratio Lower Upper
146 100
111 44.8 20.8 62.2
148 64.6 31.7 95.1

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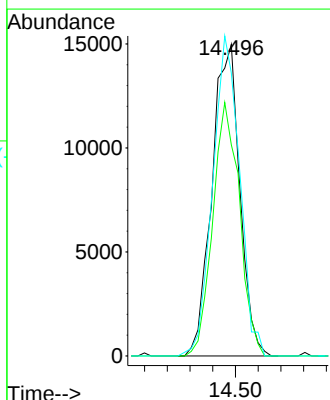
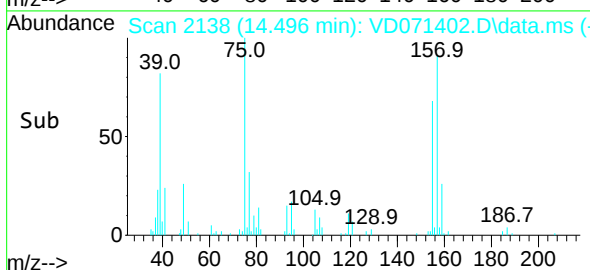
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

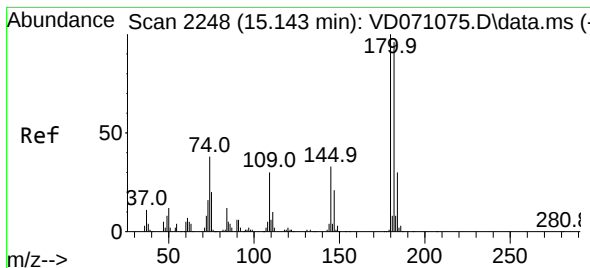


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.134 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.005 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion: 75 Resp: 25464
Ion Ratio Lower Upper
75 100
155 78.1 40.0 120.0
157 99.1 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 52.230 ug/l

RT: 15.143 min Scan# 21347

Delta R.T. 0.000 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 21347

Ion Ratio Lower Upper

180 100

182 95.3 48.2 144.6

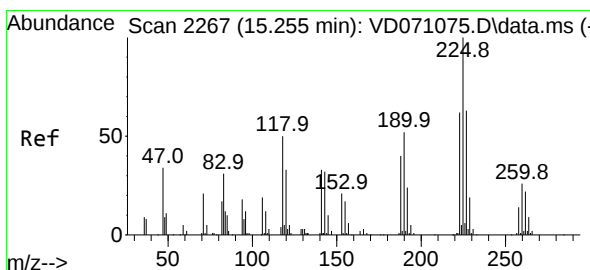
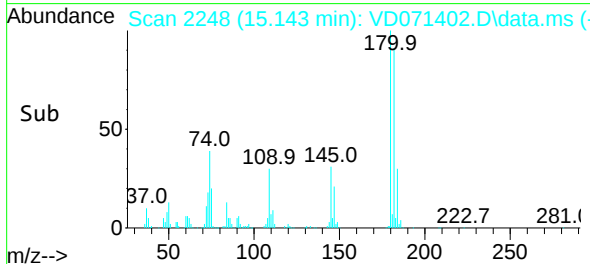
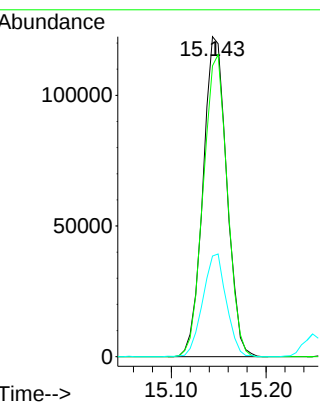
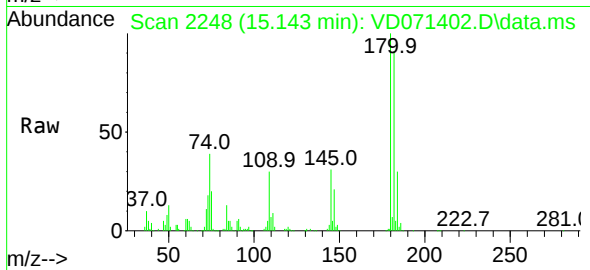
145 31.9 15.4 46.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#94

Hexachlorobutadiene

Concen: 51.534 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD071402.D

Acq: 21 Dec 2021 09:01

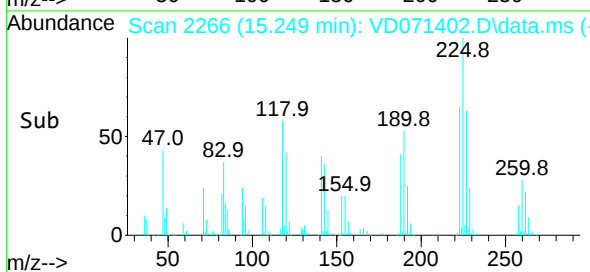
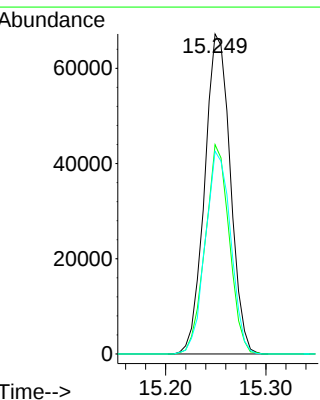
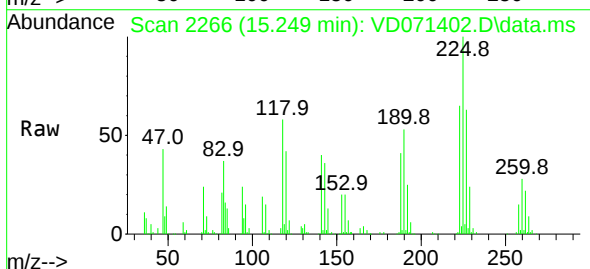
Tgt Ion:225 Resp: 119175

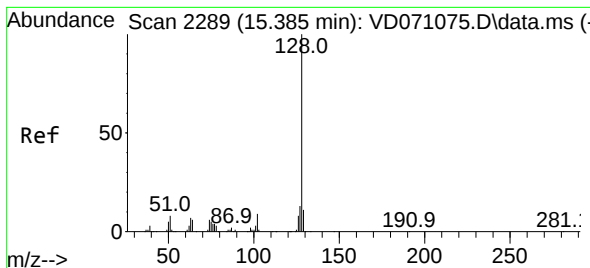
Ion Ratio Lower Upper

225 100

223 61.5 31.8 95.3

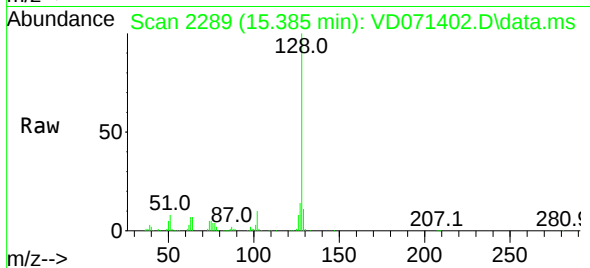
227 63.0 31.6 94.8





#95
Naphthalene
Concen: 53.190 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01

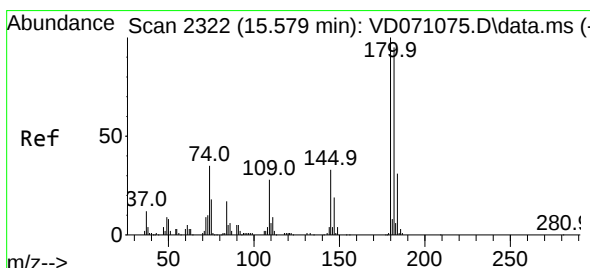
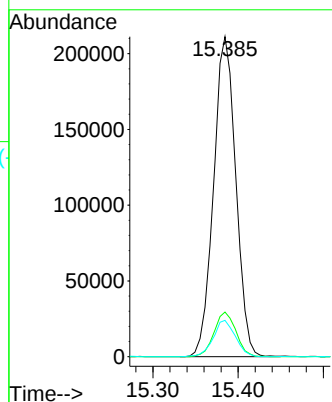
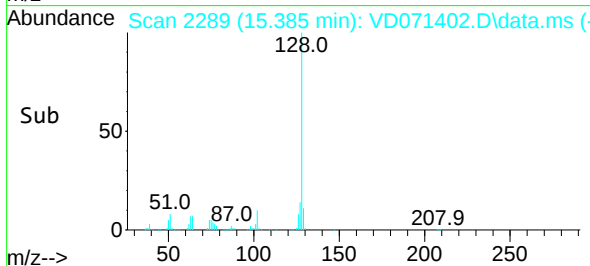
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



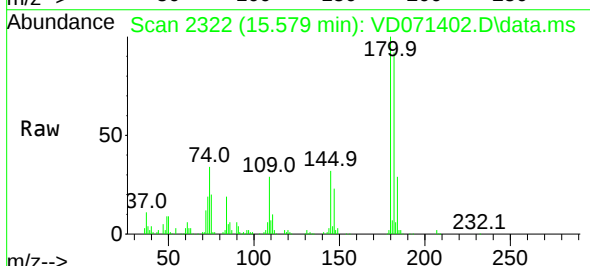
Tgt Ion:128 Resp: 383230
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#96
1,2,3-Trichlorobenzene
Concen: 52.404 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071402.D
Acq: 21 Dec 2021 09:01



Tgt Ion:180 Resp: 181918
Ion Ratio Lower Upper
180 100
182 94.7 46.7 140.1
145 34.2 15.9 47.6

