

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077343.D
 Acq On : 17 Oct 2023 16:28
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:46:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 02:44:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	326407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	308992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	164697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85121	46.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.100%		
35) Dibromofluoromethane	7.804	113	103592	45.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.340%		
50) Toluene-d8	10.269	98	385028	46.883	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.760%		
62) 4-Bromofluorobenzene	12.575	95	113189	47.880	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	90637	47.612	ug/l	98
3) Chloromethane	2.152	50	191667	49.443	ug/l	99
4) Vinyl Chloride	2.287	62	232803	50.840	ug/l	100
5) Bromomethane	2.699	94	140474	47.737	ug/l	99
6) Chloroethane	2.840	64	158549	49.253	ug/l	100
7) Trichlorofluoromethane	3.181	101	220851	47.543	ug/l	99
8) Diethyl Ether	3.593	74	49007	39.362	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	104054	43.297	ug/l	96
10) Methyl Iodide	4.163	142	141873	48.246	ug/l	93
11) Tert butyl alcohol	5.052	59	23242	225.969	ug/l	100
12) 1,1-Dichloroethene	3.940	96	103765	44.013	ug/l	97
13) Acrolein	3.799	56	33256	186.260	ug/l	100
14) Allyl chloride	4.563	41	102399	45.776	ug/l	94
15) Acrylonitrile	5.258	53	94619	250.782	ug/l	100
16) Acetone	4.022	43	84678	211.194	ug/l	94
17) Carbon Disulfide	4.269	76	319019	46.030	ug/l	99
18) Methyl Acetate	4.563	43	62328	44.666	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	208251	51.860	ug/l	95
20) Methylene Chloride	4.810	84	127213	52.678	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	125351	51.119	ug/l	90
22) Diisopropyl ether	6.216	45	238915	54.408	ug/l	96
23) Vinyl Acetate	6.157	43	567575m	275.807	ug/l	
24) 1,1-Dichloroethane	6.116	63	184916	50.648	ug/l	99
25) 2-Butanone	7.081	43	105836	254.464	ug/l	99
26) 2,2-Dichloropropane	7.075	77	165759	49.792	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	139099	50.591	ug/l	96
28) Bromochloromethane	7.428	49	64778	48.571	ug/l	95
29) Tetrahydrofuran	7.452	42	62524	260.601	ug/l	97
30) Chloroform	7.593	83	213743	51.025	ug/l	94
31) Cyclohexane	7.881	56	136415	47.953	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	183334	50.730	ug/l	96
36) 1,1-Dichloropropene	8.010	75	151998	50.445	ug/l	98
37) Ethyl Acetate	7.175	43	43093	45.529	ug/l	99
38) Carbon Tetrachloride	7.993	117	165438	49.356	ug/l	100
39) Methylcyclohexane	9.275	83	185054	50.544	ug/l	96
40) Benzene	8.251	78	468996	51.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26373	58.385	ug/l #	95
42) 1,2-Dichloroethane	8.328	62	109233	50.716	ug/l	99
43) Isopropyl Acetate	8.363	43	85661	50.273	ug/l	99
44) Trichloroethene	9.028	130	134664	50.371	ug/l	94
45) 1,2-Dichloropropane	9.304	63	107643	51.068	ug/l	99
46) Dibromomethane	9.398	93	66901	50.768	ug/l	99
47) Bromodichloromethane	9.587	83	159045	50.615	ug/l	94
48) Methyl methacrylate	9.381	41	39877	51.733	ug/l	96
49) 1,4-Dioxane	9.381	88	12820	990.707	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	225142	263.589	ug/l	98
52) Toluene	10.334	92	312543	52.350	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	147851	52.419	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	178221	51.643	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	92722	50.802	ug/l	96
56) Ethyl methacrylate	10.598	69	92994	53.313	ug/l	99
57) 1,3-Dichloropropane	10.881	76	142700	50.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	225765	261.727	ug/l	96
59) 2-Hexanone	10.922	43	162506	264.901	ug/l	97
60) Dibromochloromethane	11.075	129	117335	50.347	ug/l	97
61) 1,2-Dibromoethane	11.181	107	87284	50.750	ug/l	100
64) Tetrachloroethene	10.810	164	113636	49.479	ug/l	95
65) Chlorobenzene	11.610	112	339789	50.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	128049	50.015	ug/l	97
67) Ethyl Benzene	11.687	91	584758	52.376	ug/l	99
68) m/p-Xylenes	11.792	106	482647	105.275	ug/l	97
69) o-Xylene	12.122	106	222486	52.716	ug/l	99
70) Styrene	12.134	104	391582	54.381	ug/l	99
71) Bromoform	12.298	173	71393	50.869	ug/l #	100
73) Isopropylbenzene	12.422	105	572329	52.537	ug/l	98
74) N-amyl acetate	12.234	43	79420	50.677	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	98340	49.677	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	68557m	35.715	ug/l	
77) Bromobenzene	12.704	156	146871	51.354	ug/l	94
78) n-propylbenzene	12.763	91	694142	52.908	ug/l	98
79) 2-Chlorotoluene	12.851	91	366978	51.354	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	474409	52.772	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	31921	51.934	ug/l	95
82) 4-Chlorotoluene	12.945	91	383353	51.527	ug/l	98
83) tert-Butylbenzene	13.169	119	407979	51.188	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	486719	53.775	ug/l	99
85) sec-Butylbenzene	13.345	105	624882	52.102	ug/l	99
86) p-Isopropyltoluene	13.463	119	547158	52.514	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	307041	51.013	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	296233	49.667	ug/l	99
89) n-Butylbenzene	13.786	91	471703	51.992	ug/l	99
90) Hexachloroethane	14.057	117	107138	50.869	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	259480	51.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13246	54.668	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	160638	50.709	ug/l	99
94) Hexachlorobutadiene	15.204	225	87900	48.858	ug/l	98
95) Naphthalene	15.333	128	275410	51.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	140826	51.217	ug/l	99

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 18 02:44:21 2023
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

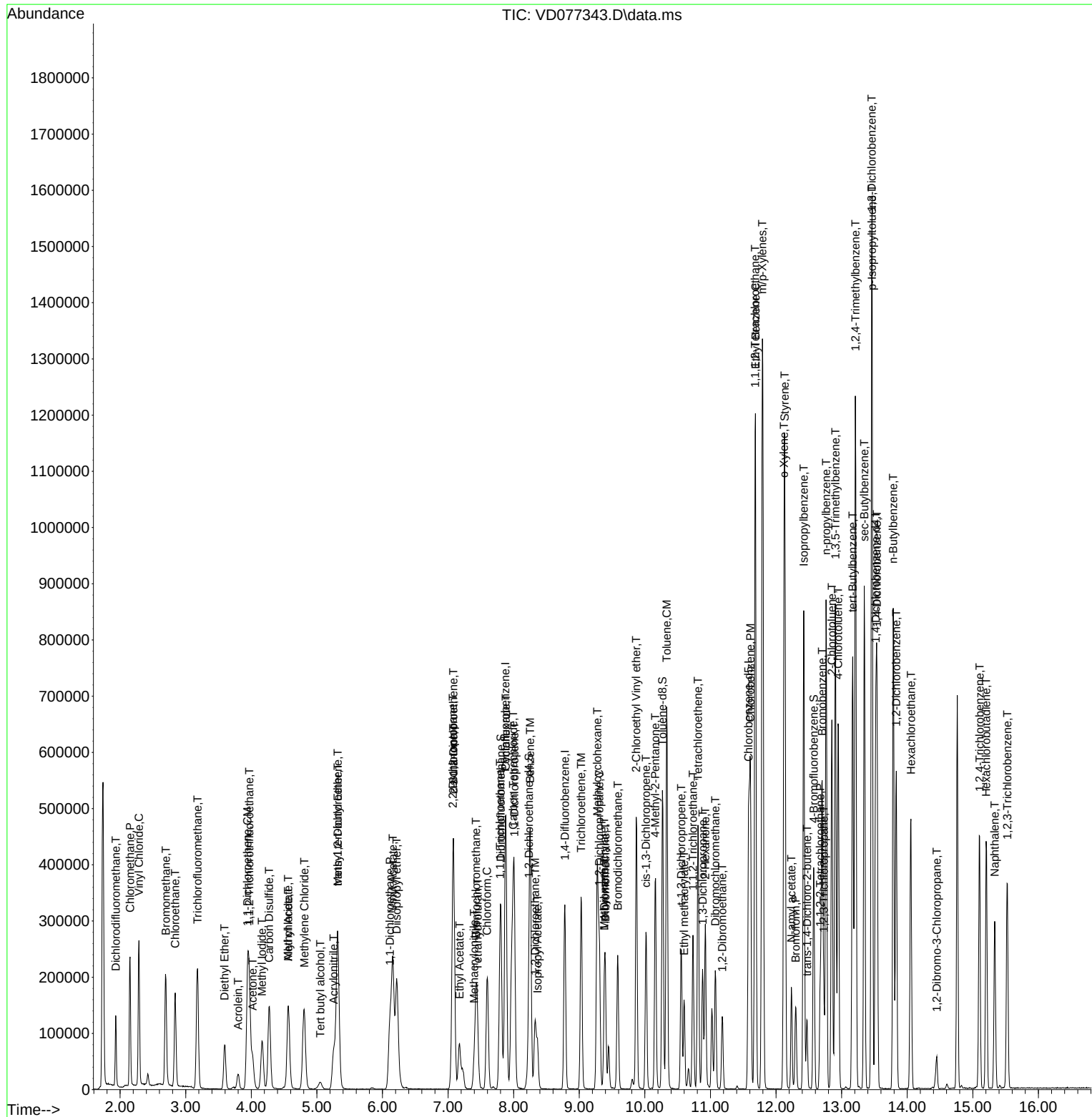
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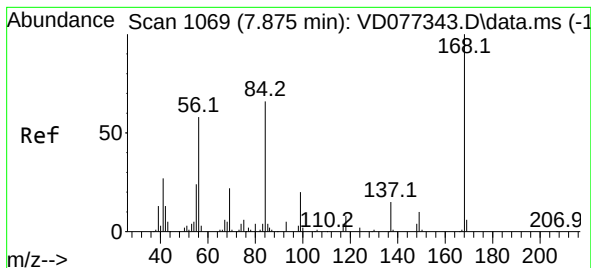
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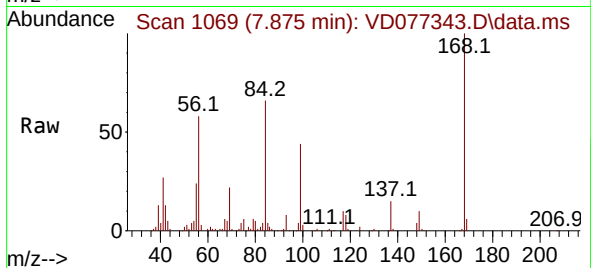
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

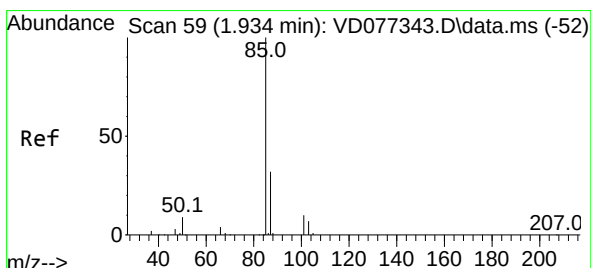
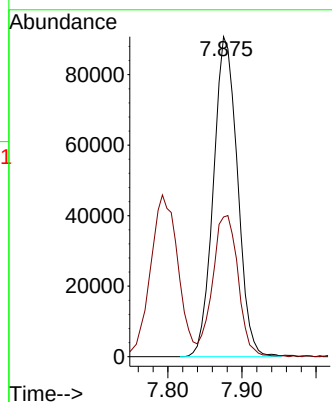
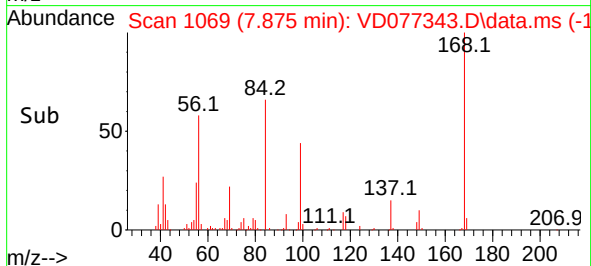
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 20476
Ion Ratio Lower Upper
168 100
99 43.3 36.7 55.1

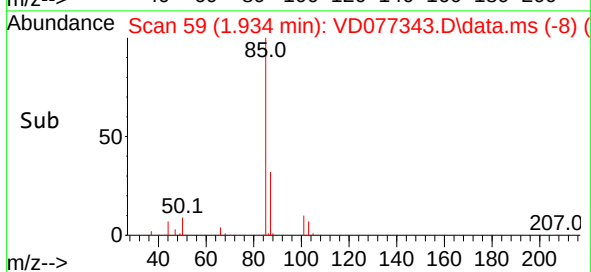
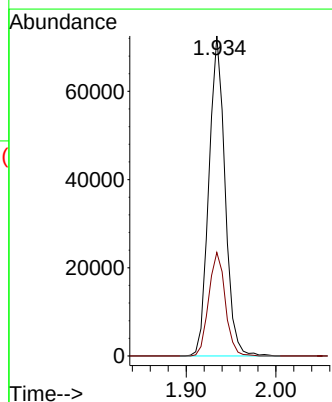
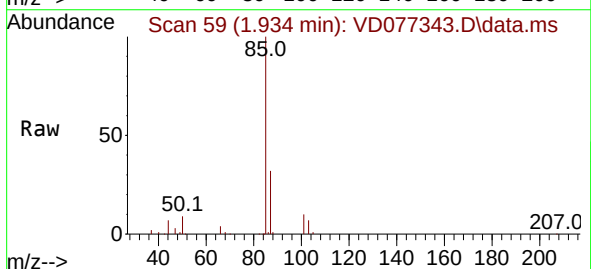
Manual Integrations
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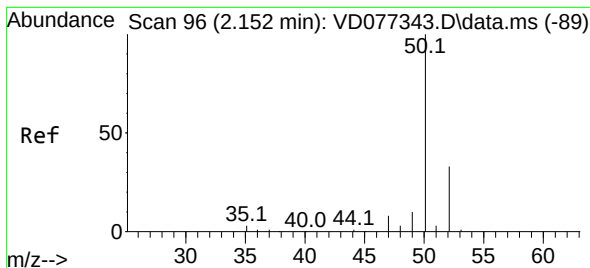
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#2
Dichlorodifluoromethane
Concen: 47.612 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion: 85 Resp: 90637
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





#3

Chloromethane

Concen: 49.443 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 19166

Ion Ratio Lower Upper

50 100

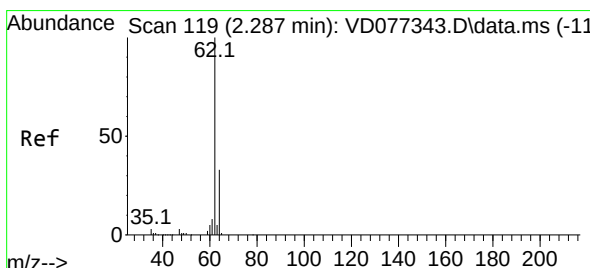
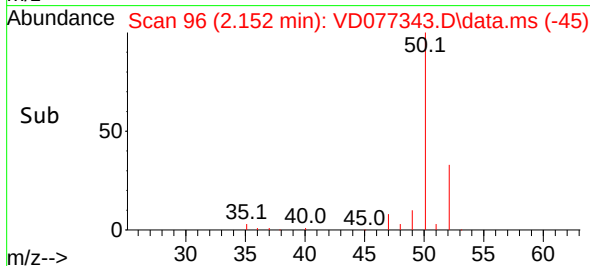
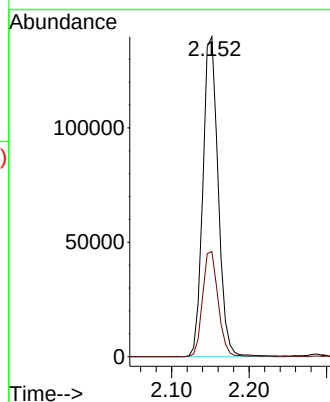
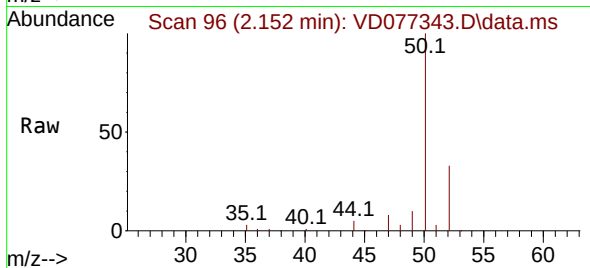
52 32.9 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.840 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD077343.D

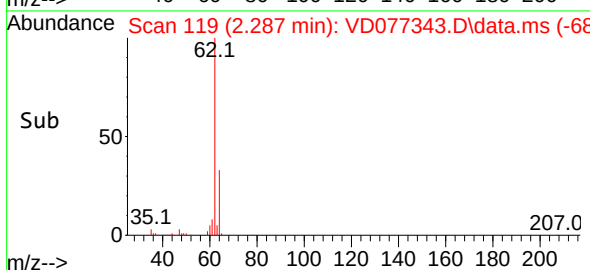
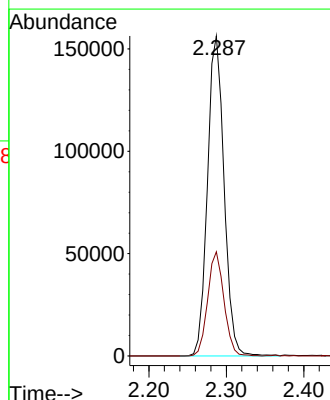
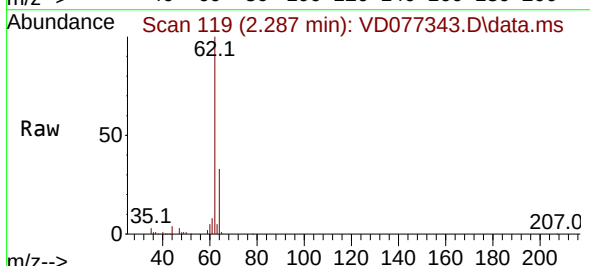
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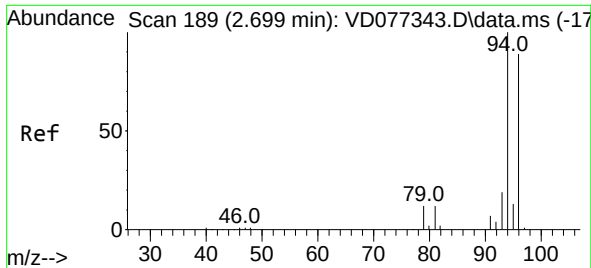
Tgt Ion: 62 Resp: 232803

Ion Ratio Lower Upper

62 100

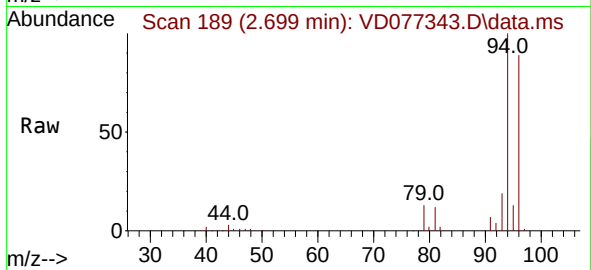
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 47.737 ug/l
RT: 2.699 min Scan# 189
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

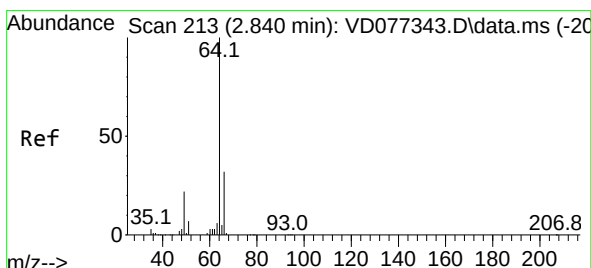
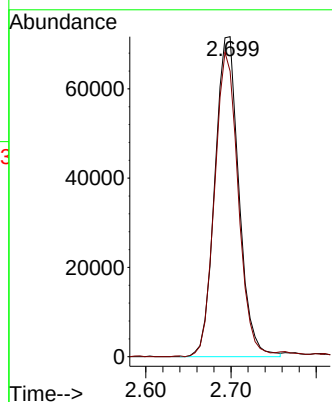
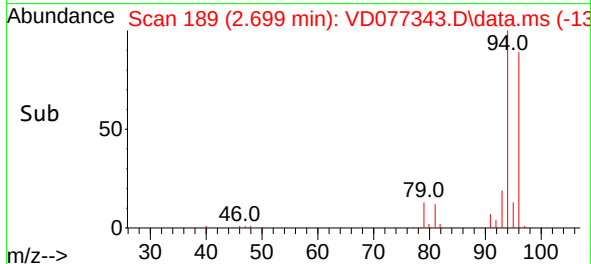
Instrument :
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Tgt Ion: 94 Resp: 140474
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8

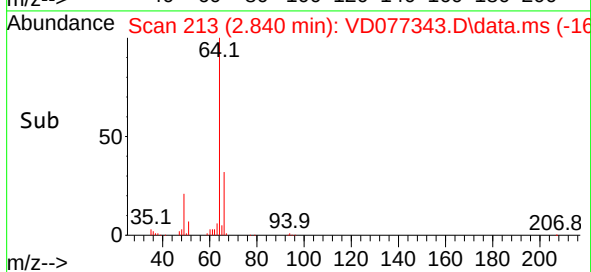
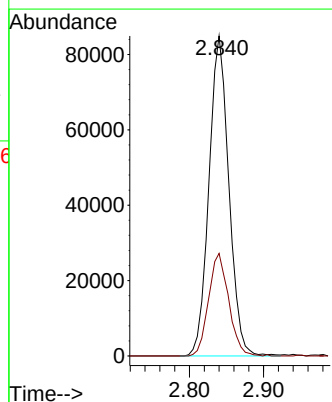
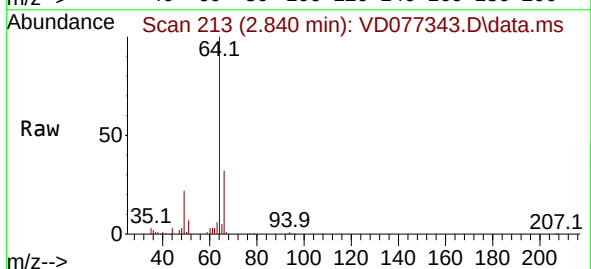
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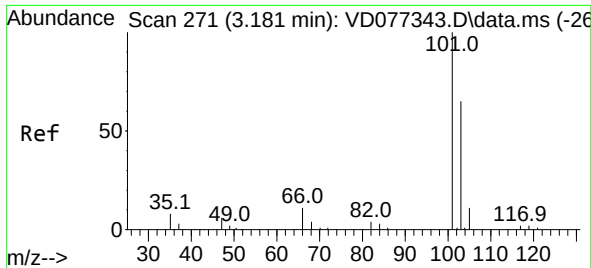
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#6
Chloroethane
Concen: 49.253 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion: 64 Resp: 158549
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3





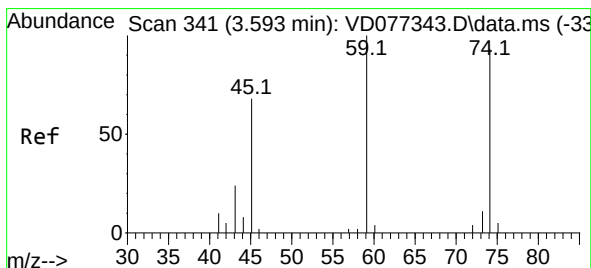
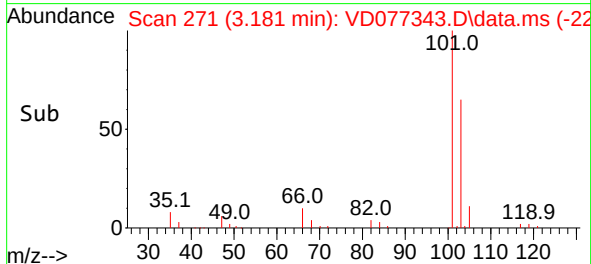
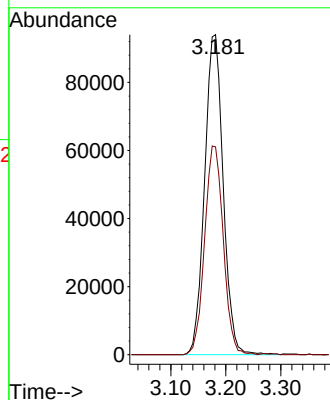
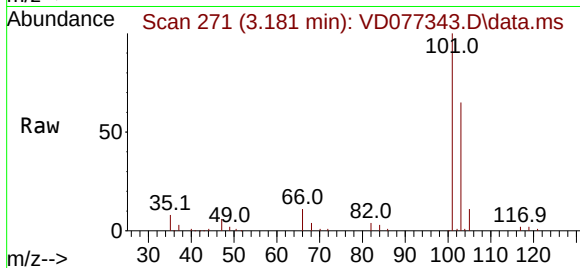
#7
Trichlorofluoromethane
Concen: 47.543 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 22085
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

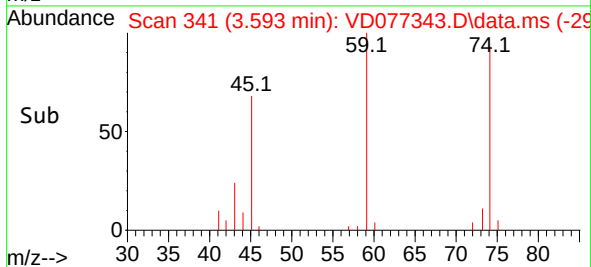
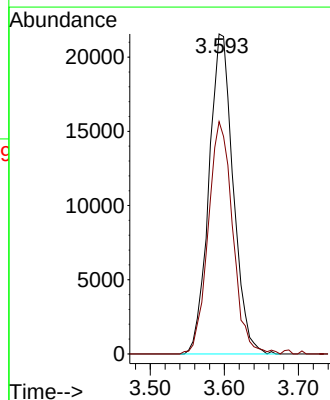
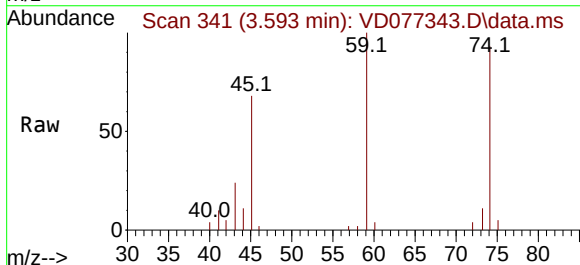
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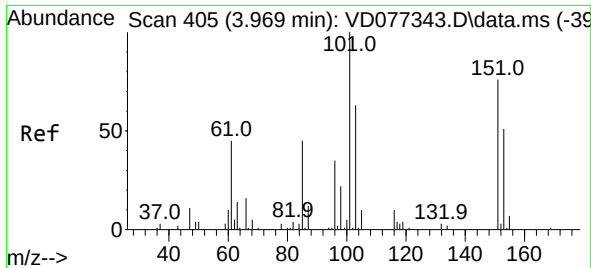
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#8
Diethyl Ether
Concen: 39.362 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion: 74 Resp: 49007
Ion Ratio Lower Upper
74 100
45 73.3 37.5 112.7





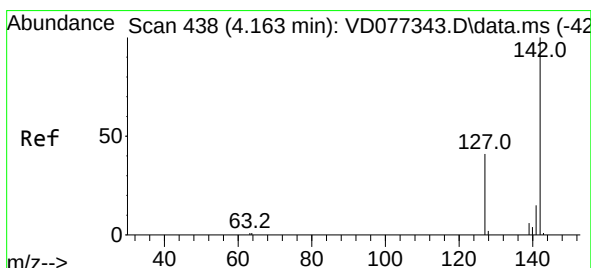
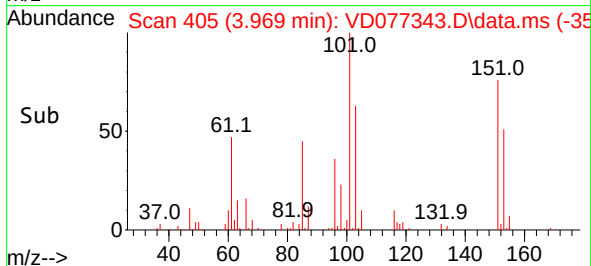
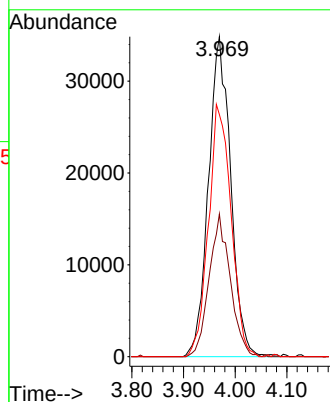
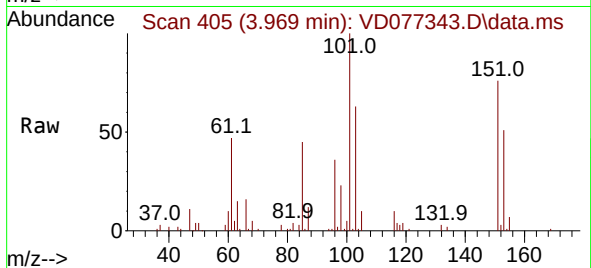
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.297 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 104054
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 80.2 59.8 89.6

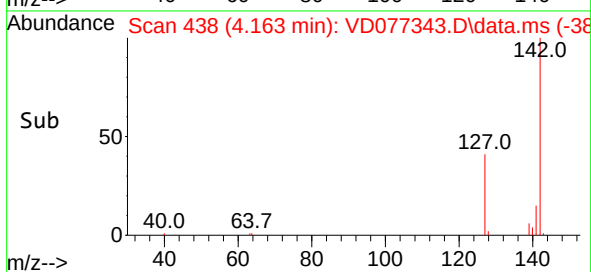
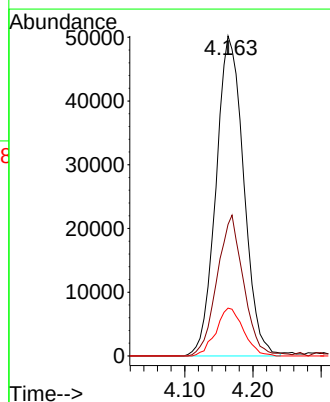
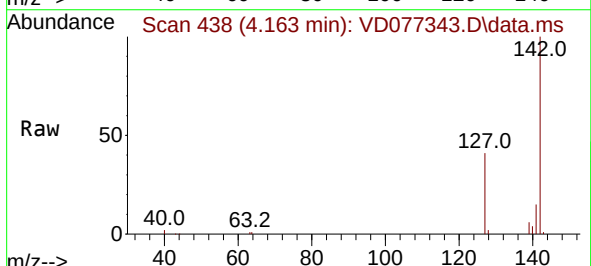
Manual Integrations
APPROVED

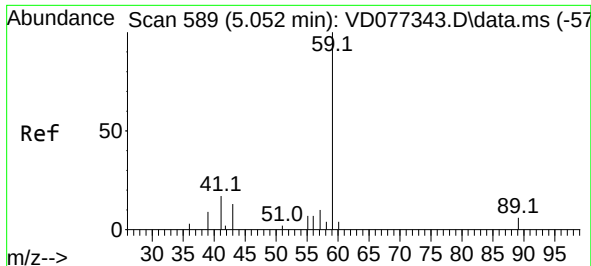
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
Methyl Iodide
Concen: 48.246 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

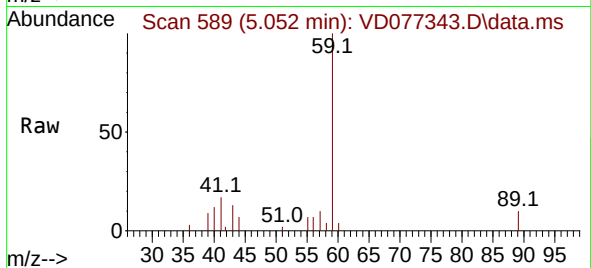
Tgt Ion:142 Resp: 141873
Ion Ratio Lower Upper
142 100
127 42.3 29.4 44.0
141 14.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 225.969 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

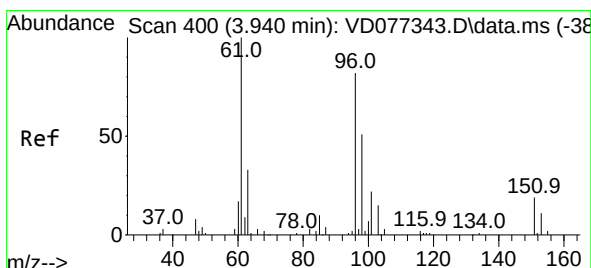
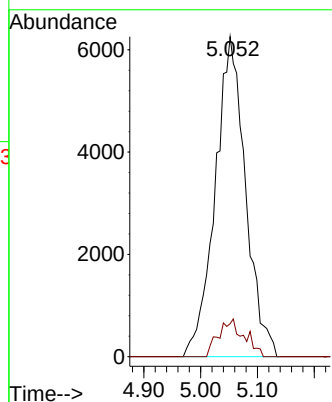
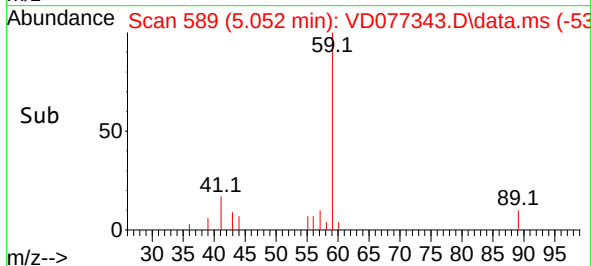
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



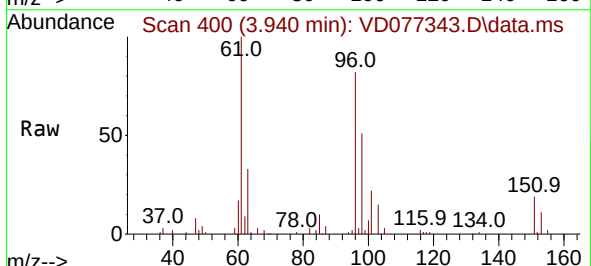
Tgt Ion: 59 Resp: 2324
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

Manual Integrations
APPROVED

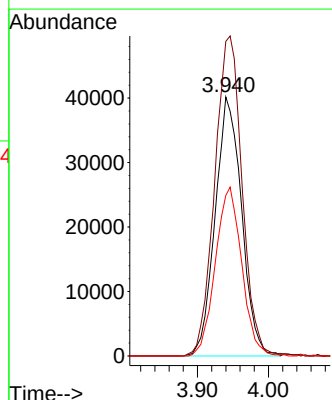
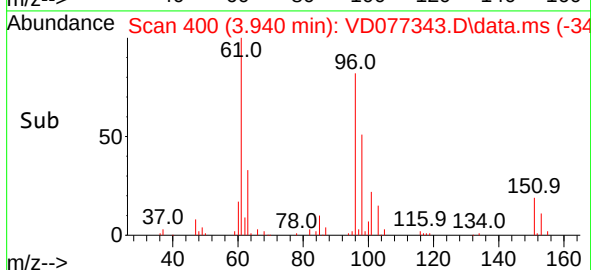
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

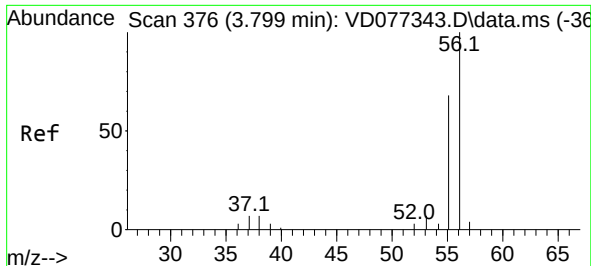


#12
1,1-Dichloroethene
Concen: 44.013 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28



Tgt Ion: 96 Resp: 103765
Ion Ratio Lower Upper
96 100
61 121.5 100.6 150.8
98 62.0 50.2 75.2





#13

Acrolein

Concen: 186.260 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 33250

Ion Ratio Lower Upper

56 100

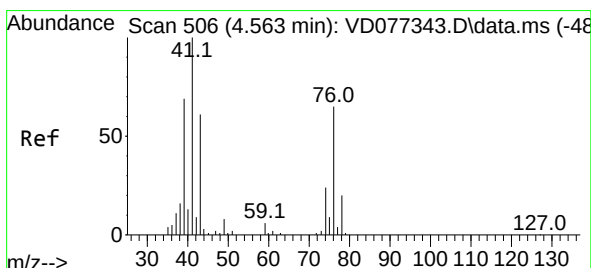
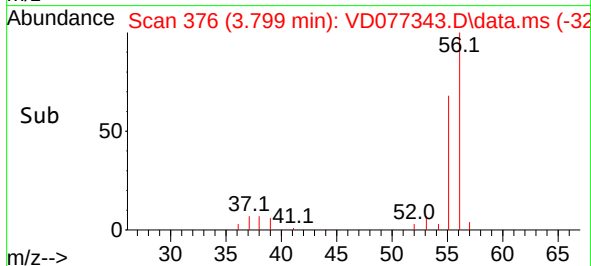
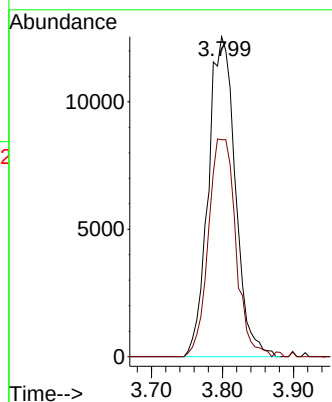
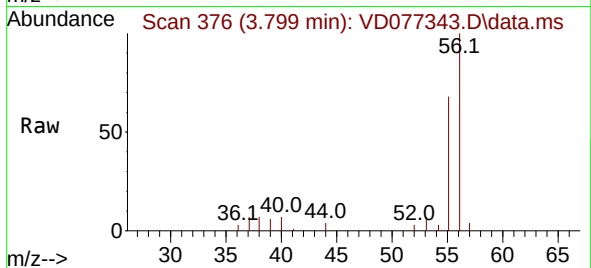
55 68.9 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#14

Allyl chloride

Concen: 45.776 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

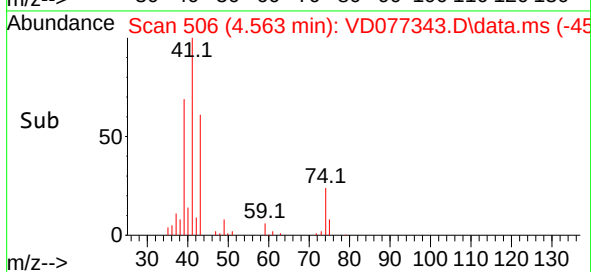
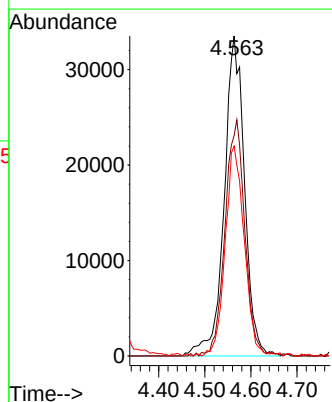
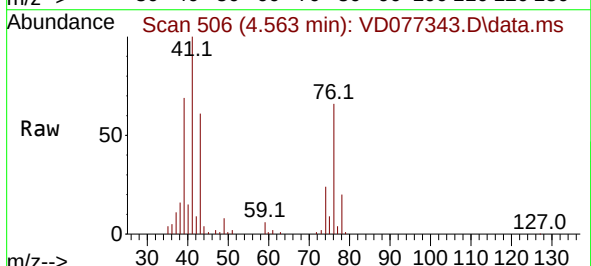
Tgt Ion: 41 Resp: 102399

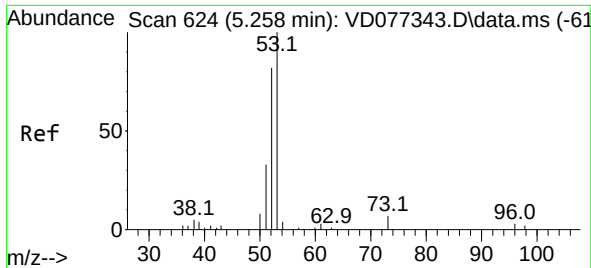
Ion Ratio Lower Upper

41 100

39 71.6 53.8 80.6

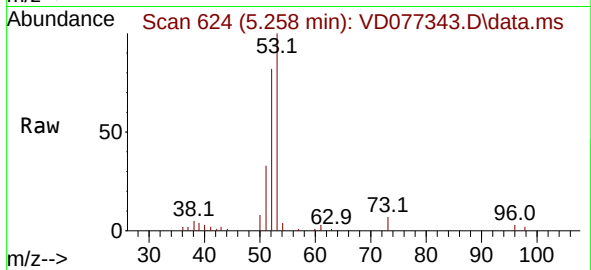
76 61.5 45.8 68.8





#15
Acrylonitrile
Concen: 250.782 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

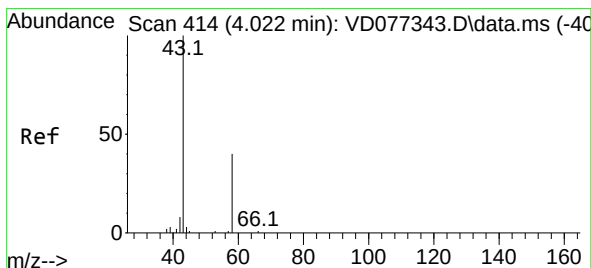
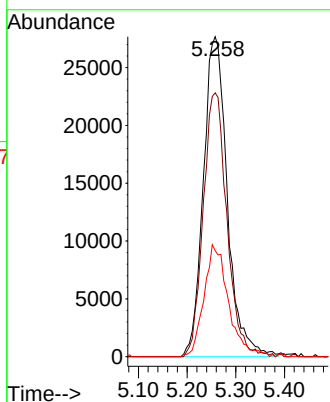
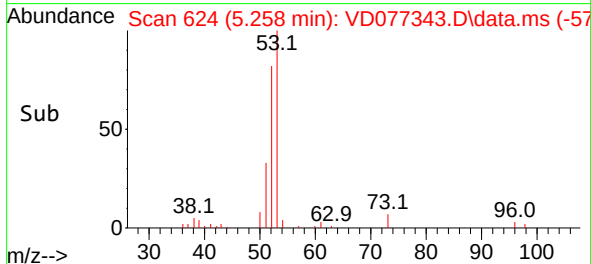
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 94619
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 35.8 28.3 42.5

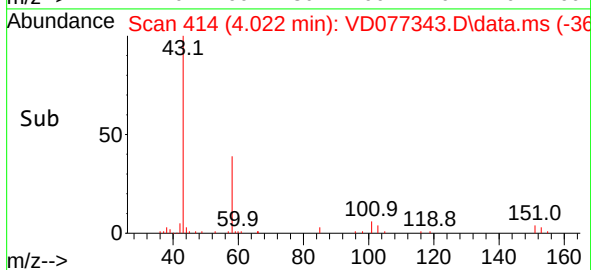
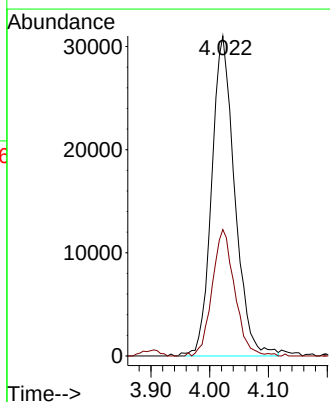
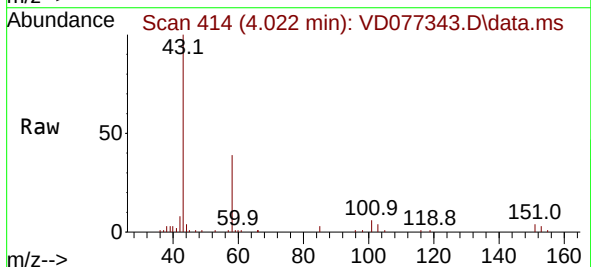
Manual Integrations
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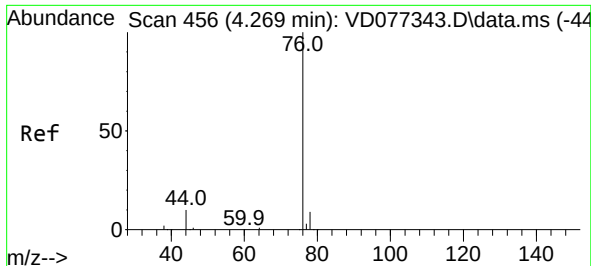
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#16
Acetone
Concen: 211.194 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

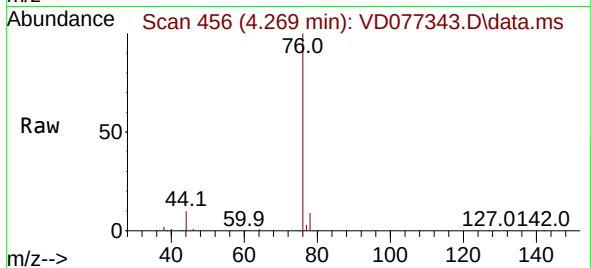
Tgt Ion: 43 Resp: 84678
Ion Ratio Lower Upper
43 100
58 39.5 34.7 52.1





#17
Carbon Disulfide
Concen: 46.030 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

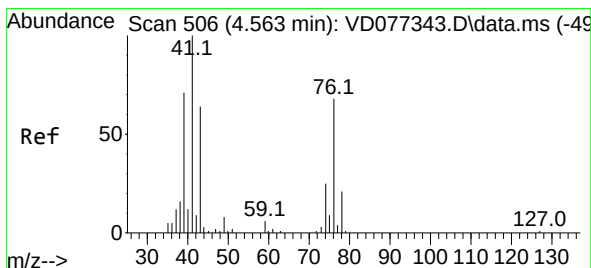
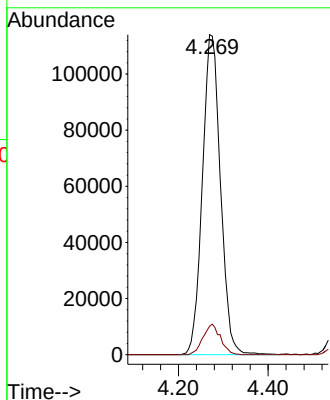
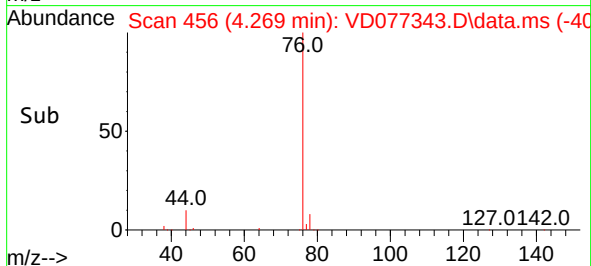
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 319019
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

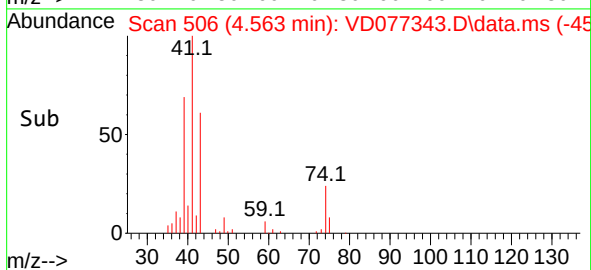
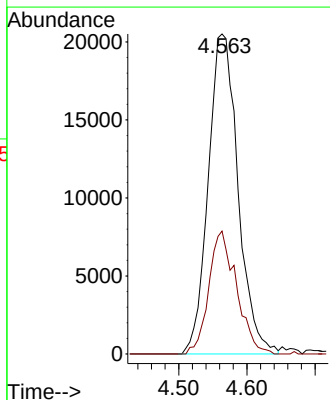
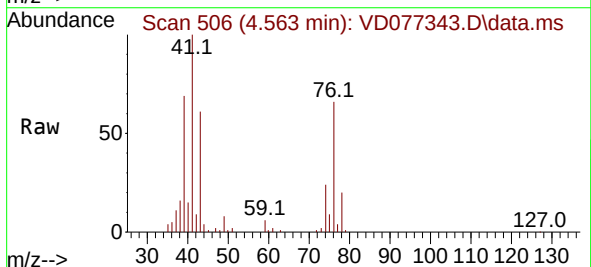
Manual Integrations
APPROVED

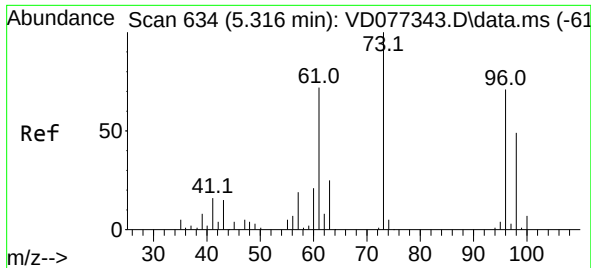
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#18
Methyl Acetate
Concen: 44.666 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion: 43 Resp: 62328
Ion Ratio Lower Upper
43 100
74 35.8 26.4 39.6





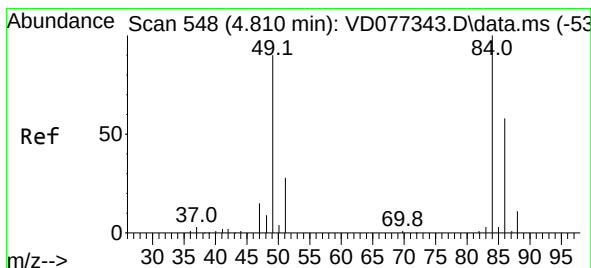
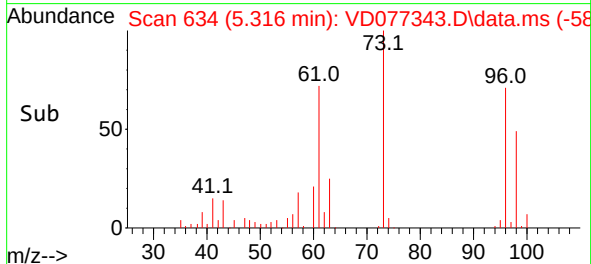
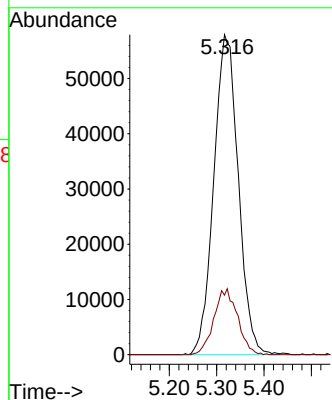
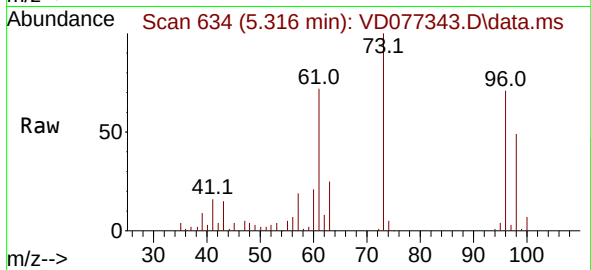
#19
Methyl tert-butyl Ether
Concen: 51.860 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 20825
Ion Ratio Lower Upper
73 100
57 18.6 16.6 25.0

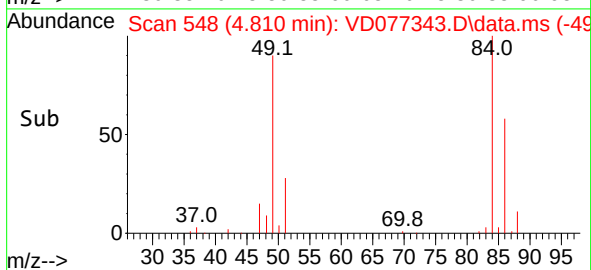
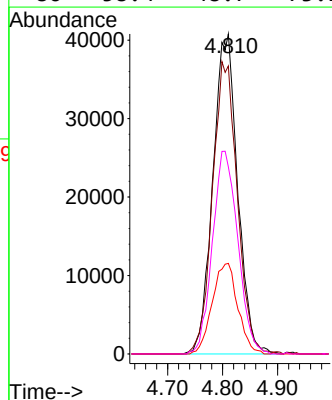
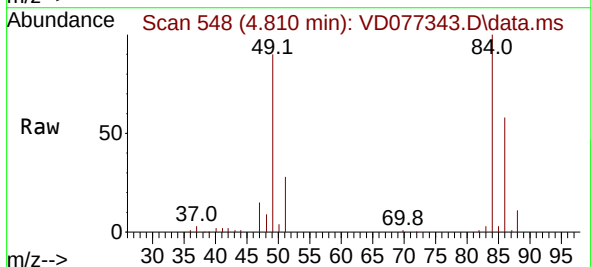
Manual Integrations
APPROVED

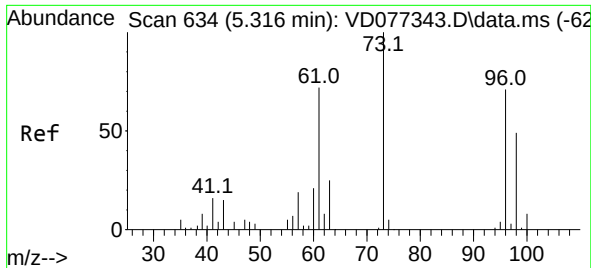
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#20
Methylene Chloride
Concen: 52.678 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

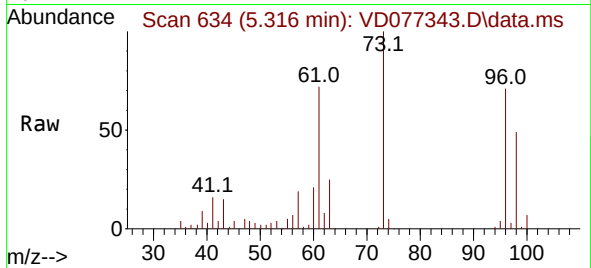
Tgt Ion: 84 Resp: 127213
Ion Ratio Lower Upper
84 100
49 90.0 71.4 107.2
51 28.3 24.5 36.7
86 58.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 51.119 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

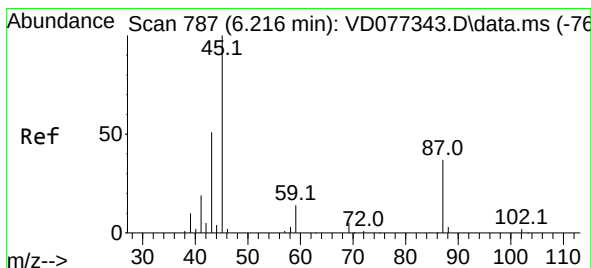
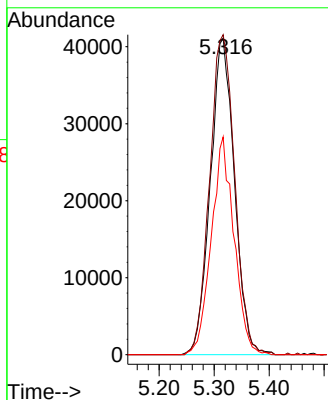
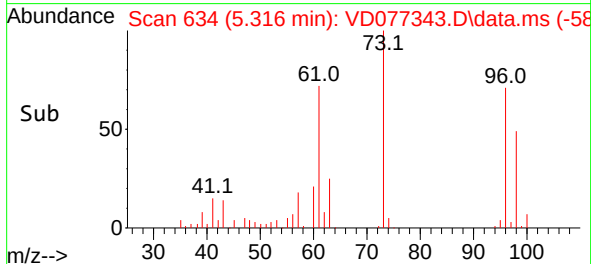
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



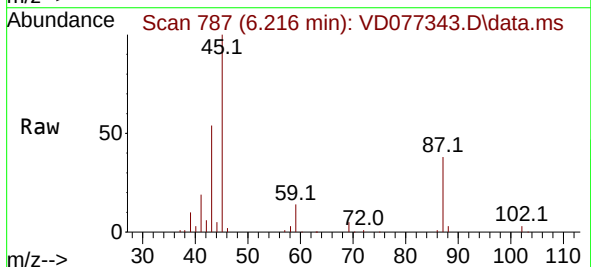
Tgt Ion: 96 Resp: 12535
Ion Ratio Lower Upper
96 100
61 101.1 89.3 133.9
98 68.8 48.6 73.0

Manual Integrations
APPROVED

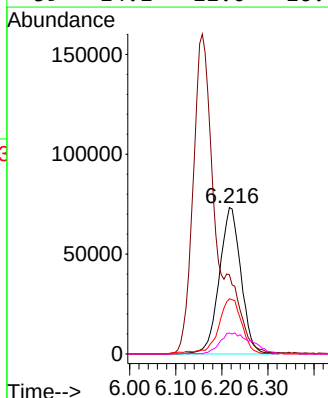
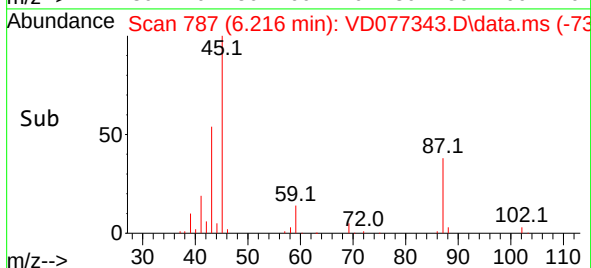
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

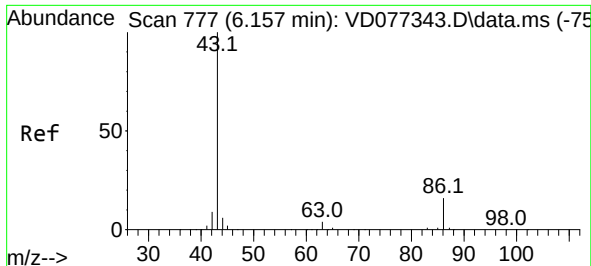


#22
Diisopropyl ether
Concen: 54.408 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28



Tgt Ion: 45 Resp: 238915
Ion Ratio Lower Upper
45 100
43 53.2 40.0 60.0
87 37.8 28.2 42.4
59 14.1 11.0 16.4





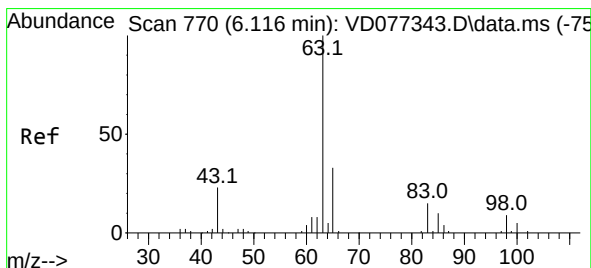
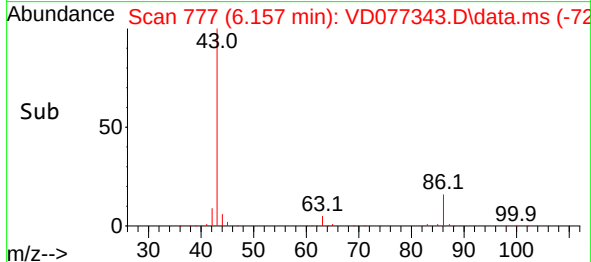
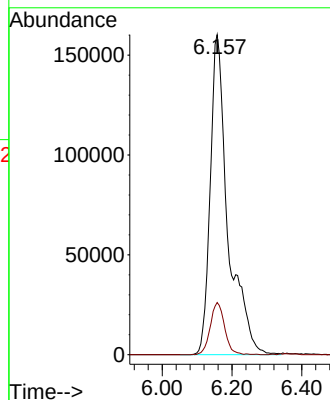
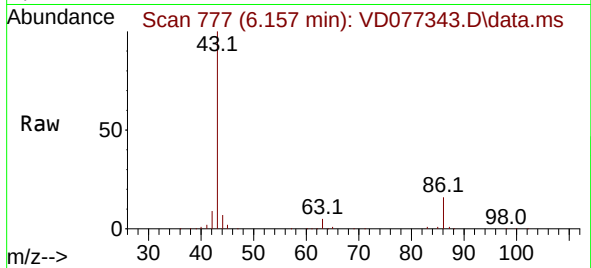
#23
 Vinyl Acetate
 Concen: 275.807 ug/l m
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077343.D
 Acq: 17 Oct 2023 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 56757
 Ion Ratio Lower Upper
 43 100
 86 16.3 12.5 18.7

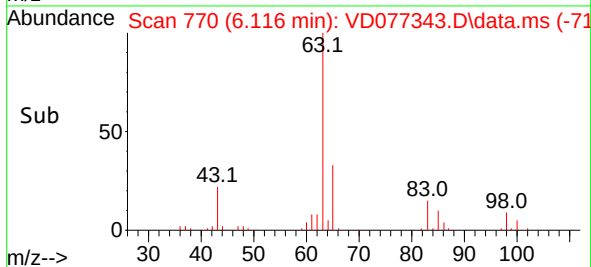
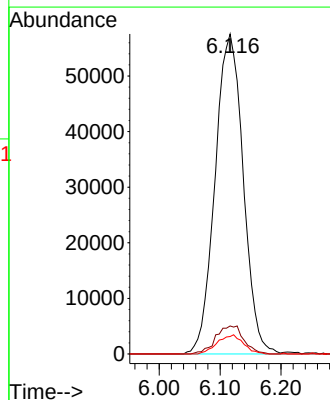
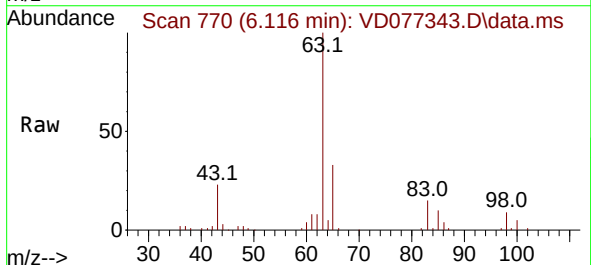
Manual Integrations
 APPROVED

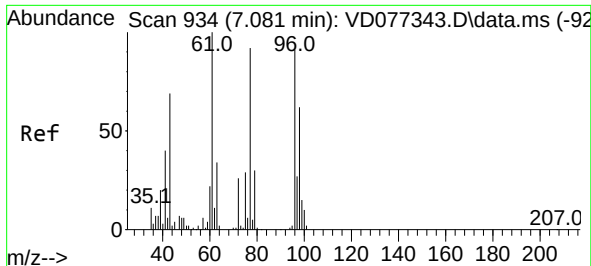
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 50.648 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077343.D
 Acq: 17 Oct 2023 16:28

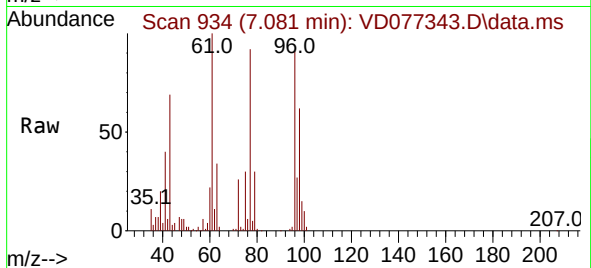
Tgt Ion: 63 Resp: 184916
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 5.4 2.5 7.5





#25
2-Butanone
Concen: 254.464 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

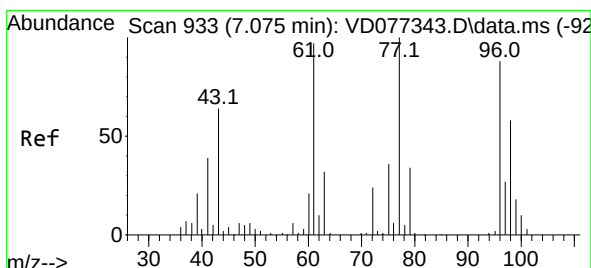
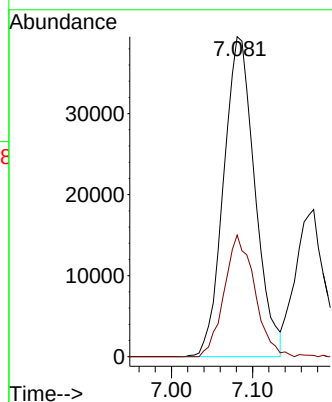
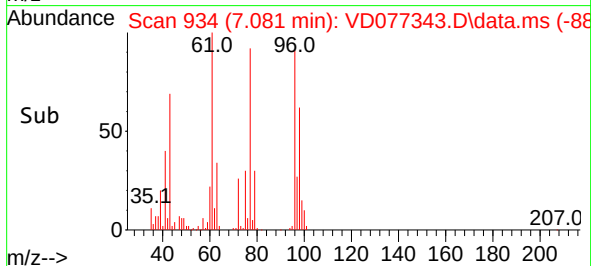
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 105830
Ion Ratio Lower Upper
43 100
72 38.0 30.7 46.1

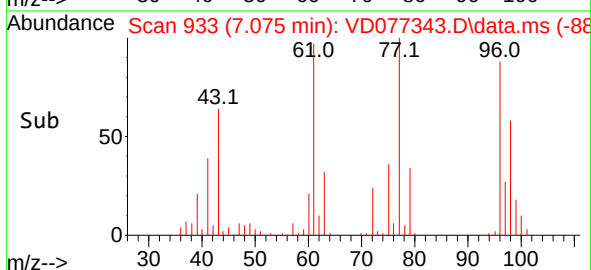
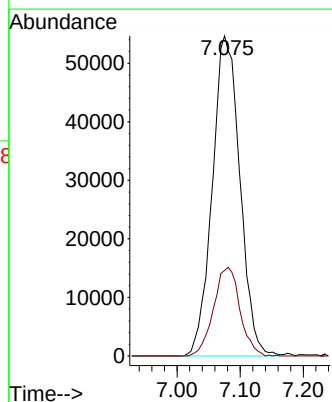
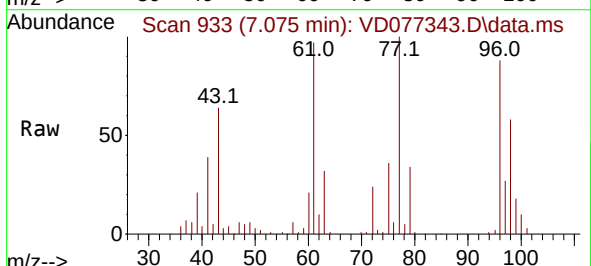
Manual Integrations
APPROVED

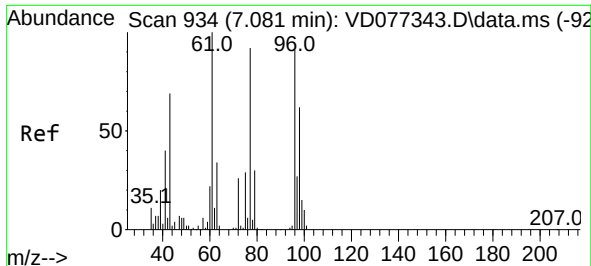
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
2,2-Dichloropropane
Concen: 49.792 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

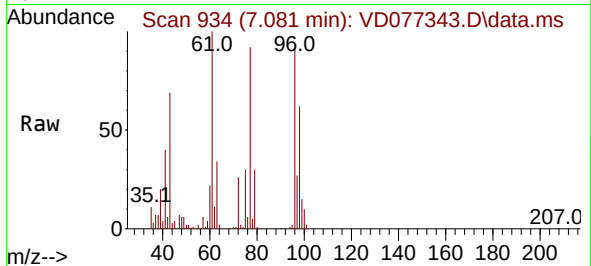
Tgt Ion: 77 Resp: 165759
Ion Ratio Lower Upper
77 100
97 26.5 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.591 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077343.D
 Acq: 17 Oct 2023 16:28

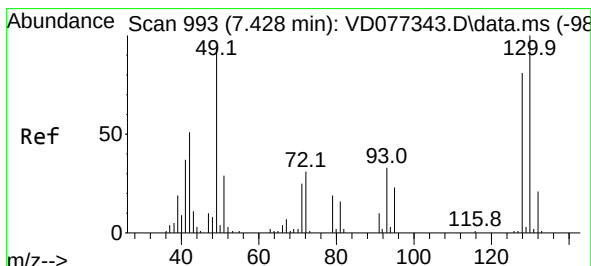
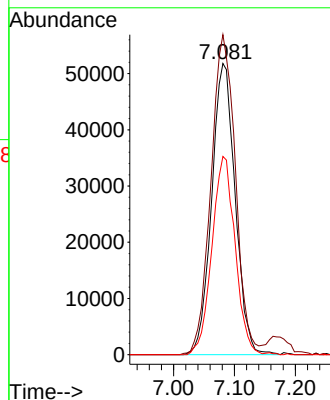
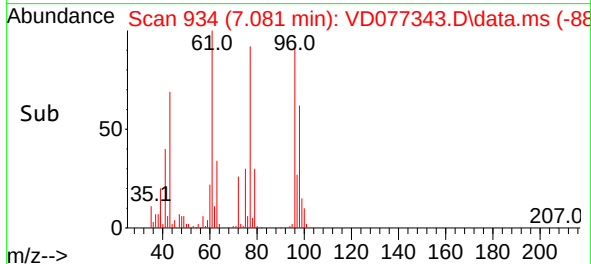
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 139099
 Ion Ratio Lower Upper
 96 100
 61 114.2 0.0 239.2
 98 67.0 0.0 128.6

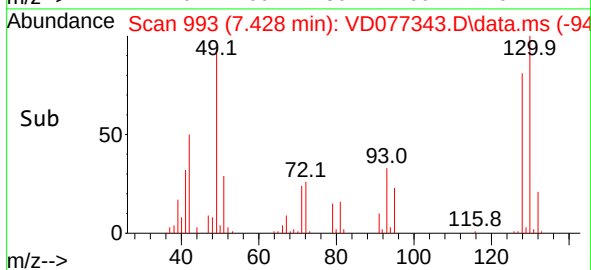
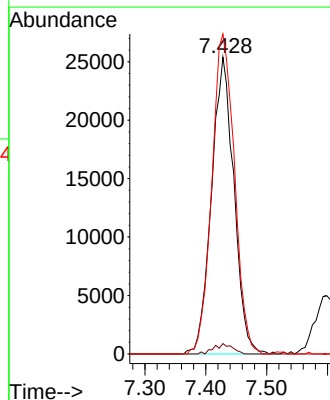
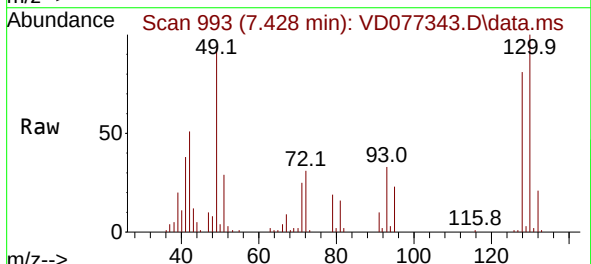
Manual Integrations
 APPROVED

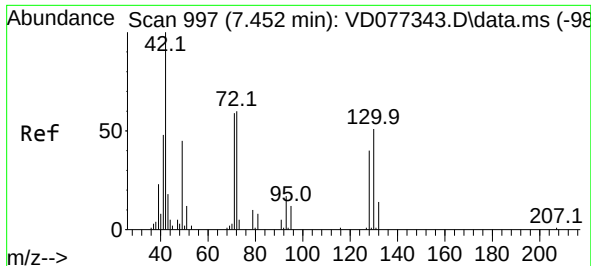
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#28
 Bromochloromethane
 Concen: 48.571 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077343.D
 Acq: 17 Oct 2023 16:28

Tgt Ion: 49 Resp: 64778
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.0
 130 109.1 83.2 124.8





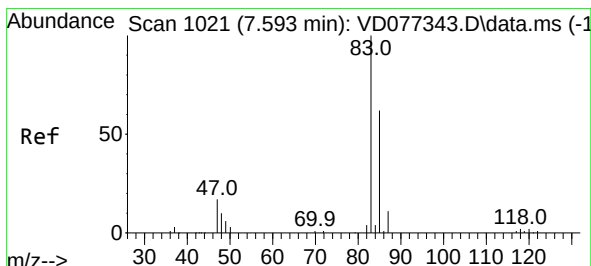
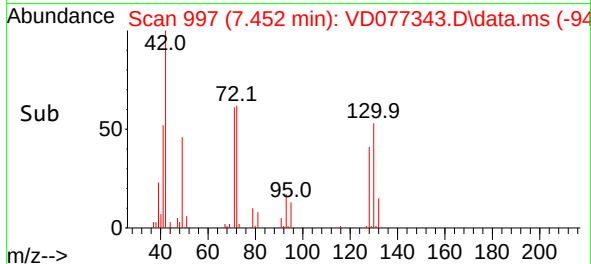
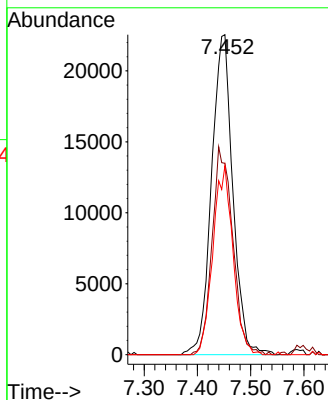
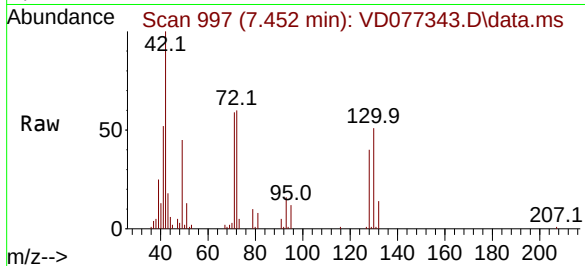
#29
Tetrahydrofuran
Concen: 260.601 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 62524
Ion Ratio Lower Upper
42 100
72 63.0 46.5 69.7
71 55.6 44.5 66.7

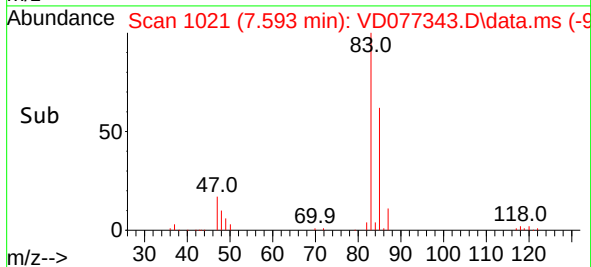
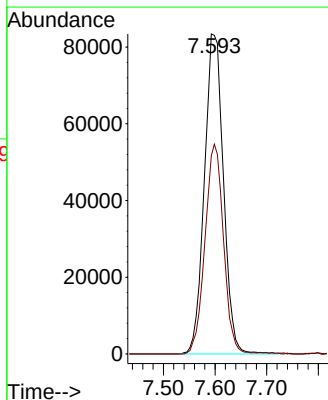
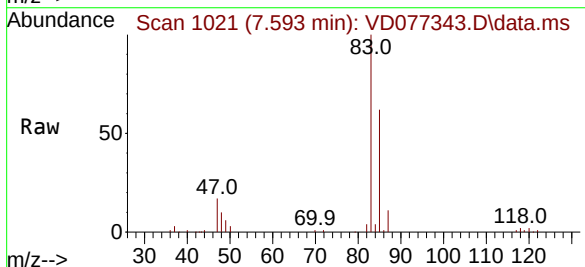
Manual Integrations
APPROVED

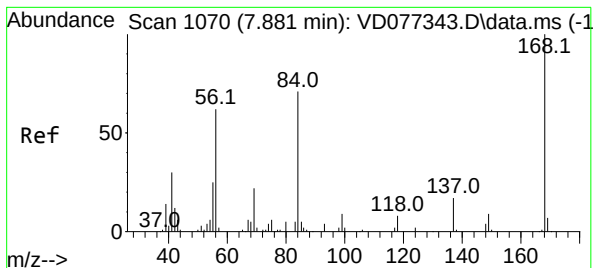
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#30
Chloroform
Concen: 51.025 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion: 83 Resp: 213743
Ion Ratio Lower Upper
83 100
85 61.9 53.4 80.2





#31

Cyclohexane

Concen: 47.953 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 13641

Ion Ratio Lower Upper

56 100

69 35.6 28.6 43.0

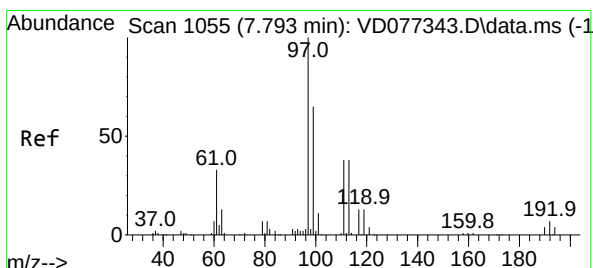
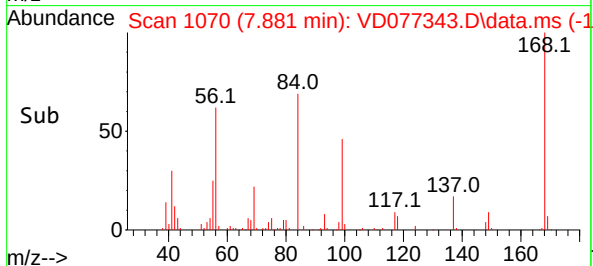
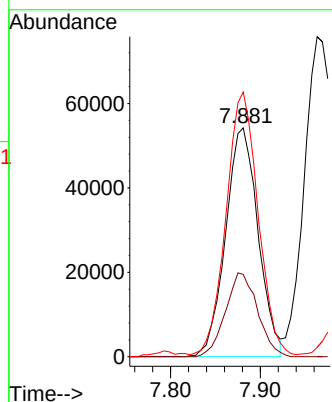
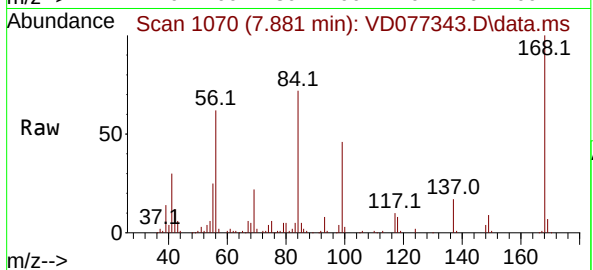
84 114.3 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#32

1,1,1-Trichloroethane

Concen: 50.730 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

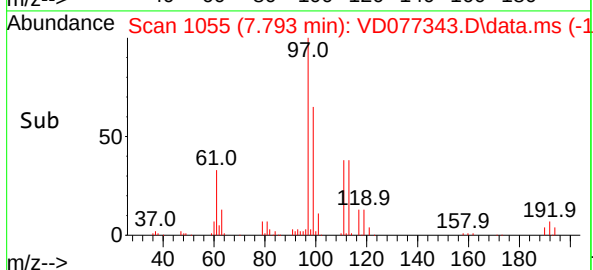
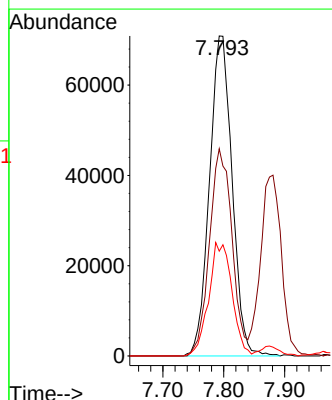
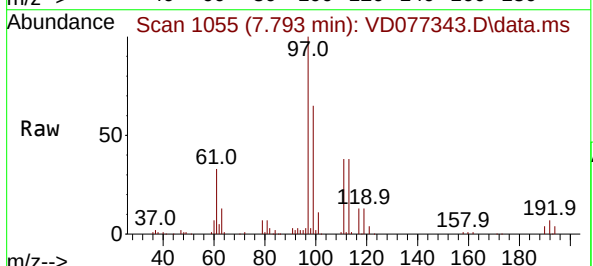
Tgt Ion: 97 Resp: 183334

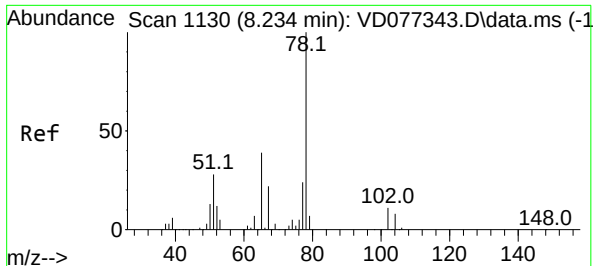
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 36.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.555 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

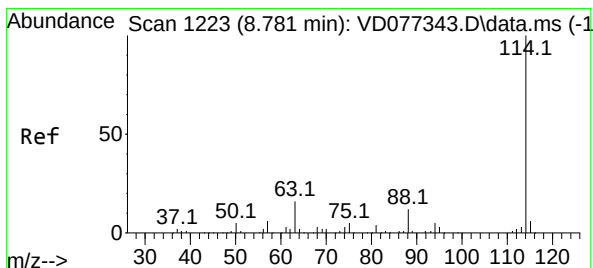
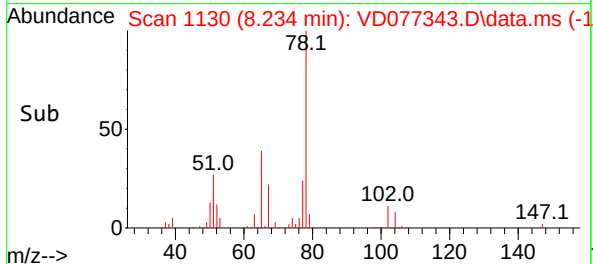
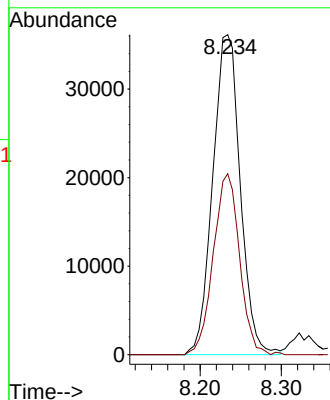
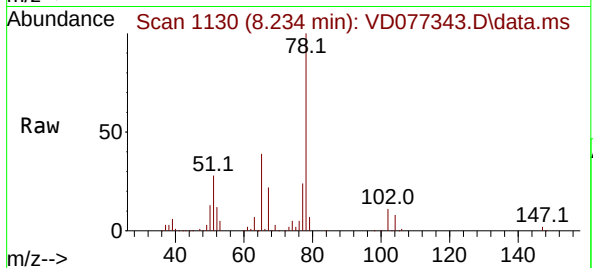
VSTDICCC050

Tgt Ion: 65 Resp: 8512
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

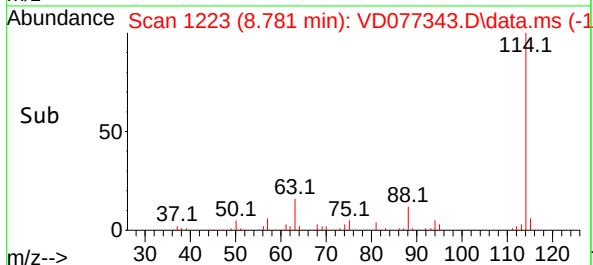
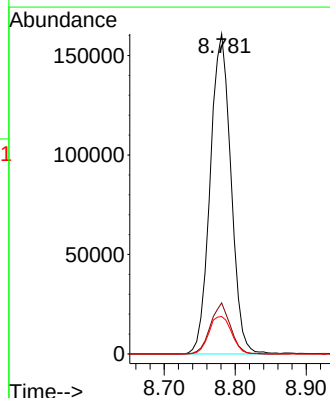
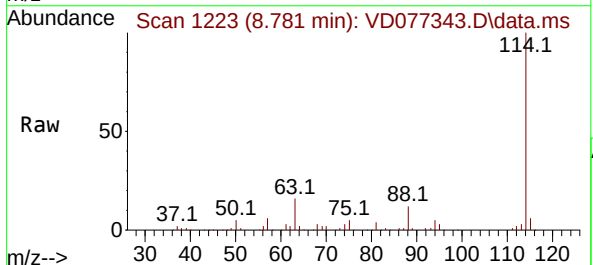
RT: 8.781 min Scan# 1223

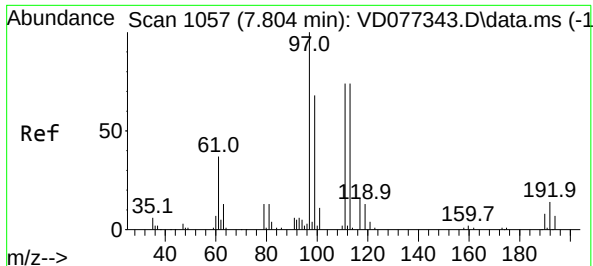
Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Tgt Ion:114 Resp: 326407
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 33.4
 88 11.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.175 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

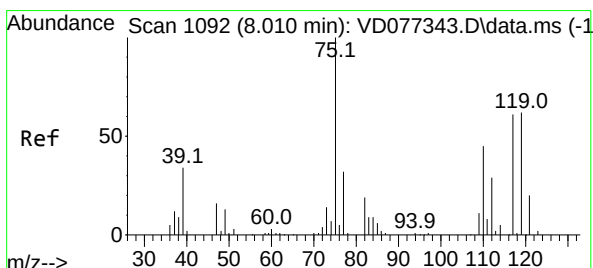
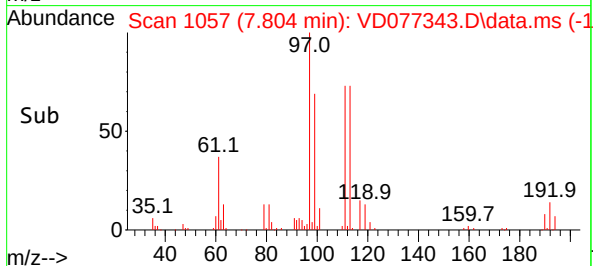
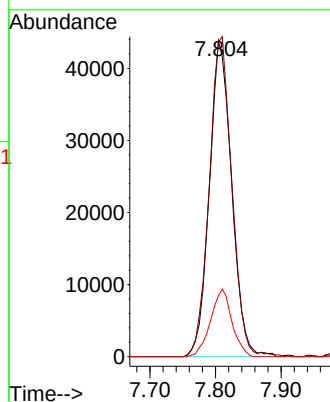
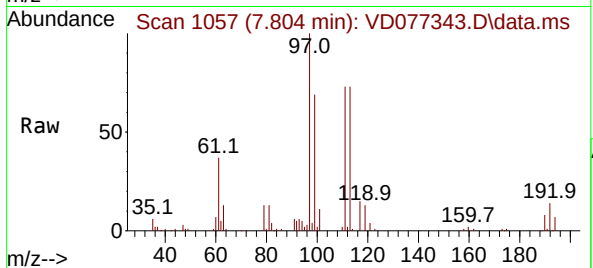
VSTDICCC050

Tgt Ion:	113	Resp:	103592
Ion Ratio	Lower	Upper	
113	100		
111	102.8	84.7	127.1
192	20.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#36

1,1-Dichloropropene

Concen: 50.445 ug/l

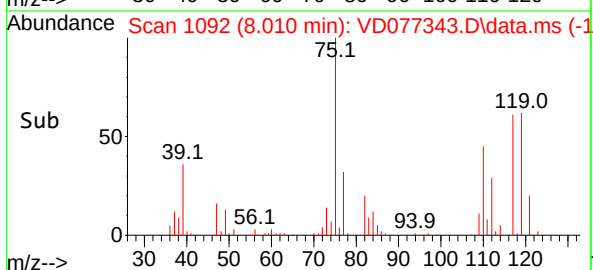
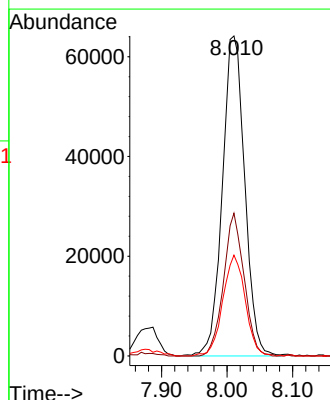
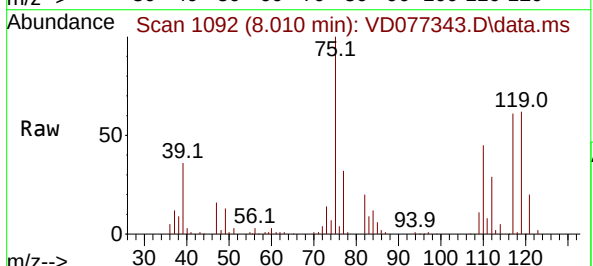
RT: 8.010 min Scan# 1092

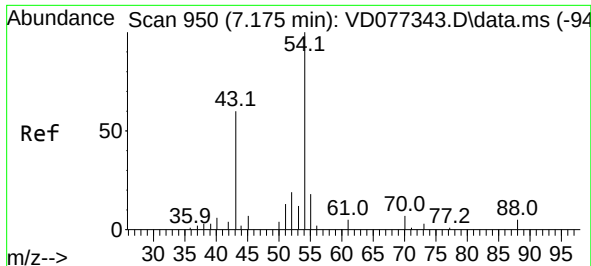
Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Tgt Ion:	75	Resp:	151998
Ion Ratio	Lower	Upper	
75	100		
110	41.0	19.9	59.6
77	31.5	24.7	37.1





#37

Ethyl Acetate

Concen: 45.529 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

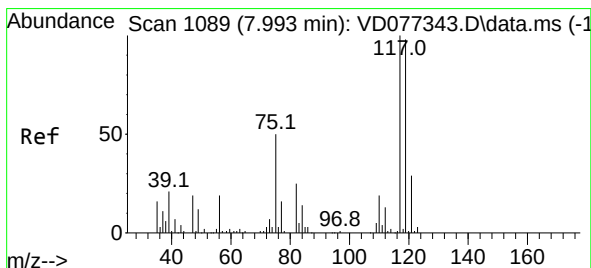
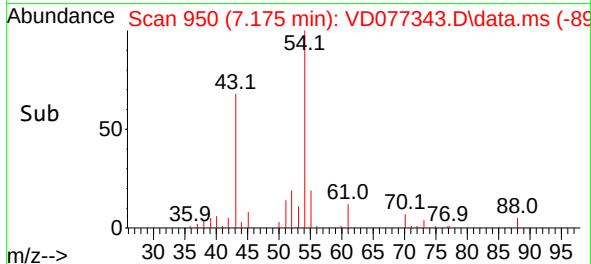
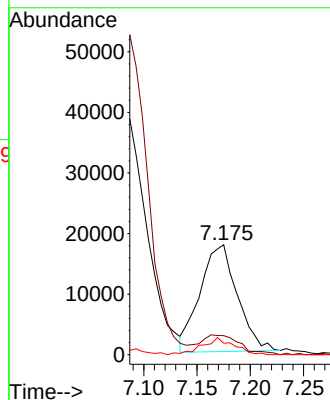
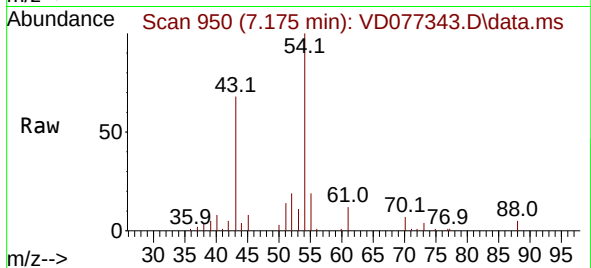
Tgt Ion: 43 Resp: 4309

Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.9	22.3
70	13.5	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#38

Carbon Tetrachloride

Concen: 49.356 ug/l

RT: 7.993 min Scan# 1089

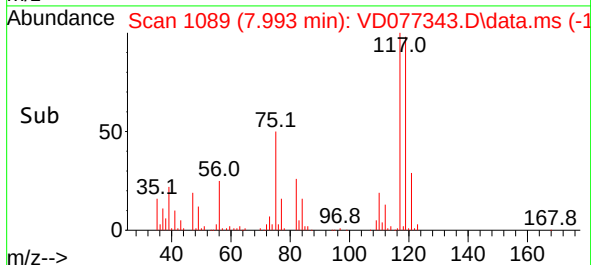
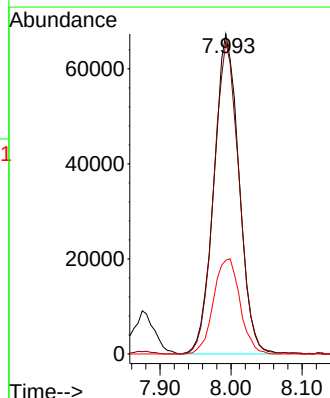
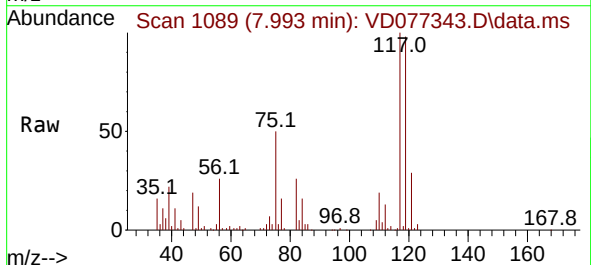
Delta R.T. -0.000 min

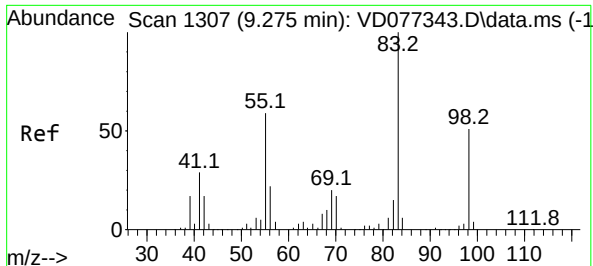
Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Tgt Ion:117 Resp: 165438

Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.0	117.0
121	29.3	24.2	36.2





#39

Methylcyclohexane

Concen: 50.544 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

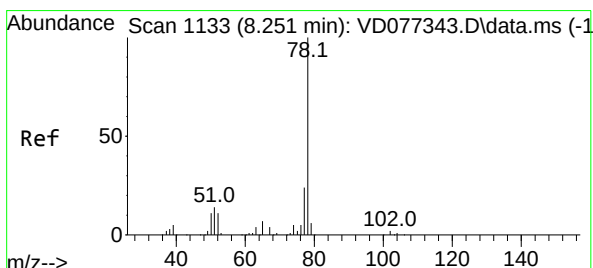
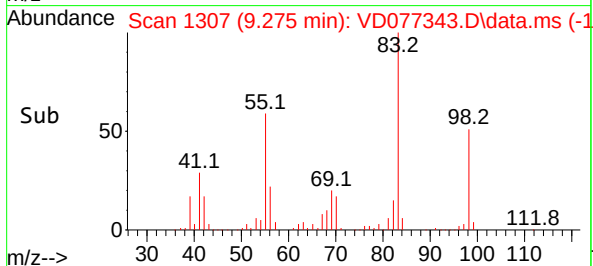
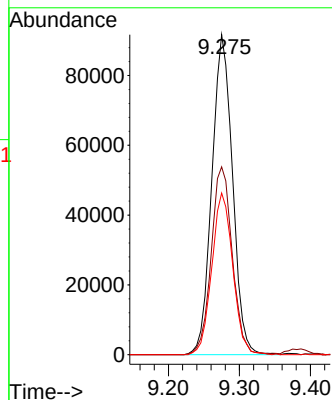
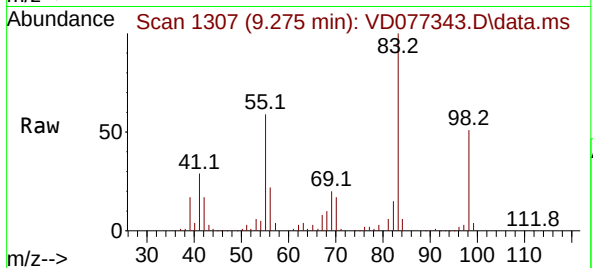
Tgt Ion: 83 Resp: 185054

Ion	Ratio	Lower	Upper
83	100		
55	58.7	49.4	74.0
98	50.5	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40

Benzene

Concen: 51.290 ug/l

RT: 8.251 min Scan# 1133

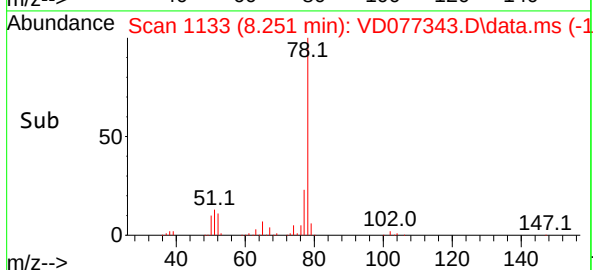
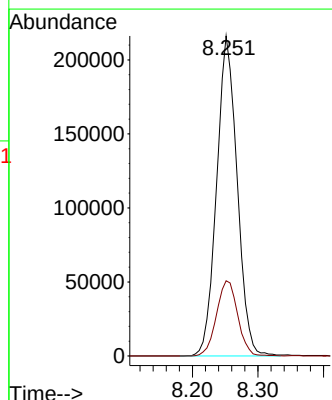
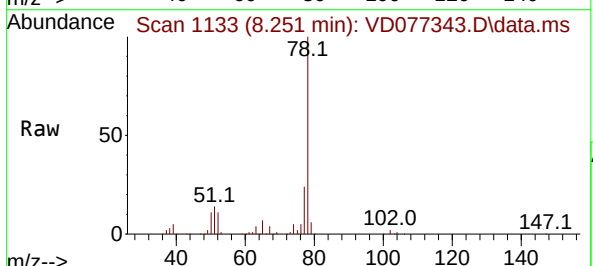
Delta R.T. 0.000 min

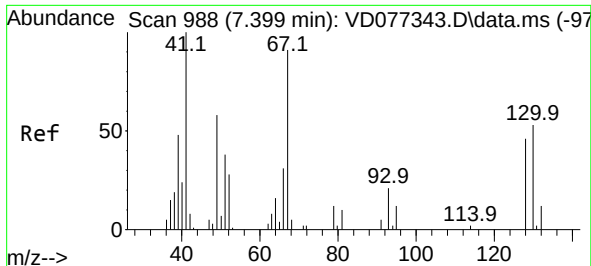
Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Tgt Ion: 78 Resp: 468996

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





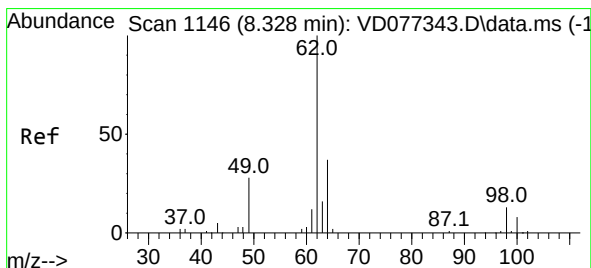
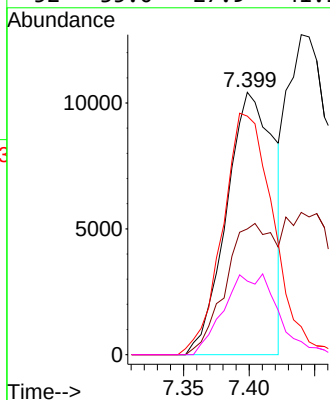
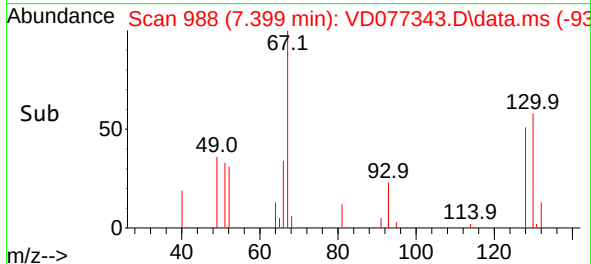
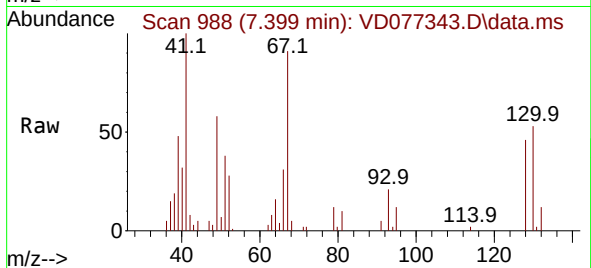
#41
Methacrylonitrile
Concen: 58.385 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 2637
Ion Ratio Lower Upper
41 100
39 52.3 34.0 51.0
67 98.1 77.0 115.4
52 35.0 27.9 41.9

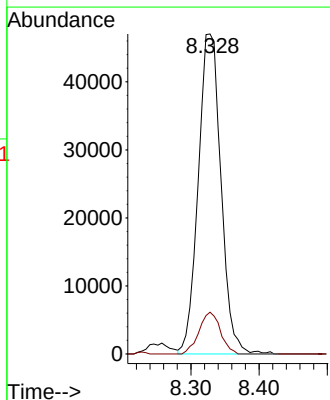
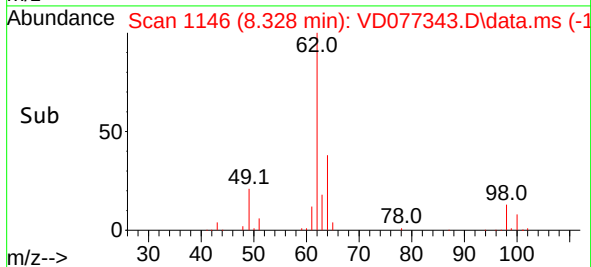
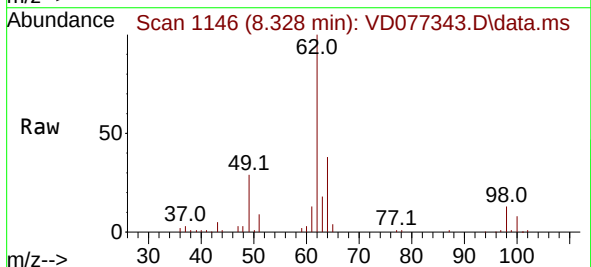
Manual Integrations
APPROVED

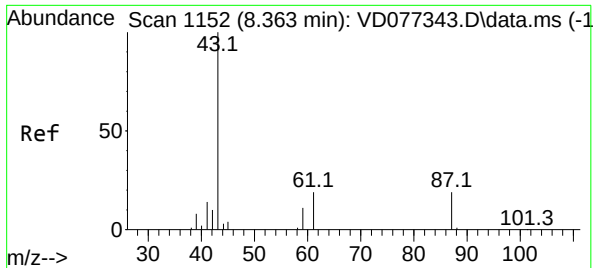
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#42
1,2-Dichloroethane
Concen: 50.716 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion: 62 Resp: 109233
Ion Ratio Lower Upper
62 100
98 12.2 0.0 25.4





#43

Isopropyl Acetate

Concen: 50.273 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

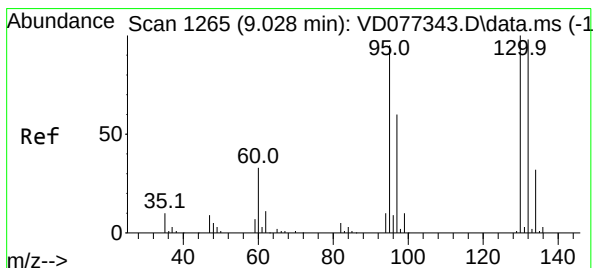
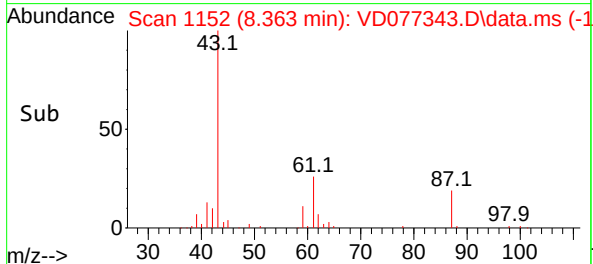
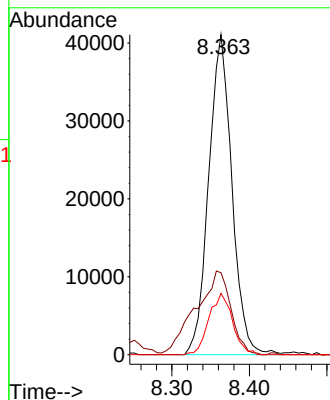
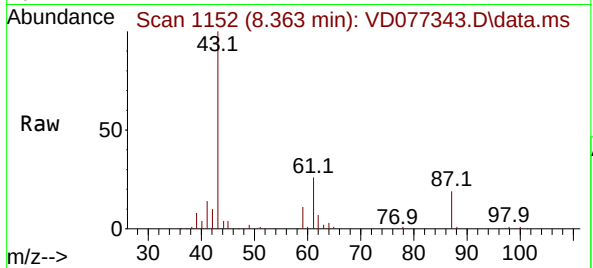
Tgt Ion: 43 Resp: 8566

Ion	Ratio	Lower	Upper
43	100		
61	39.4	31.4	47.0
87	19.5	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#44

Trichloroethene

Concen: 50.371 ug/l

RT: 9.028 min Scan# 1265

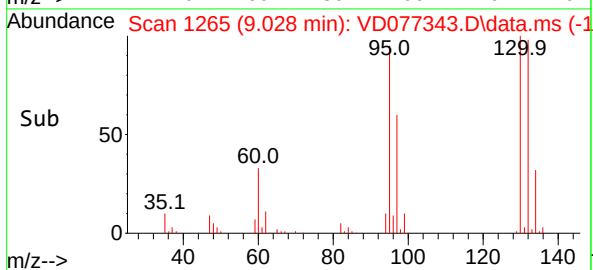
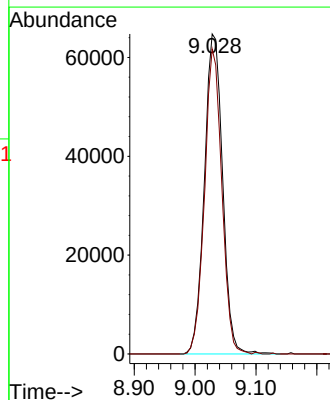
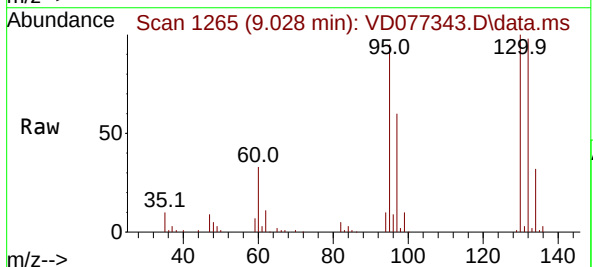
Delta R.T. -0.000 min

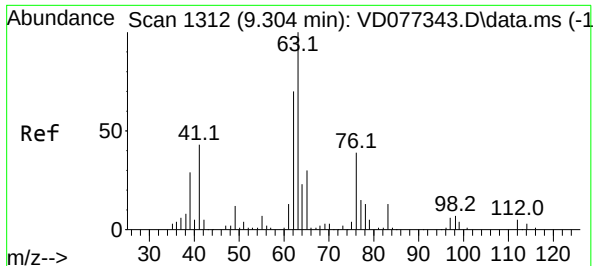
Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Tgt Ion:130 Resp: 134664

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	179.2





#45

1,2-Dichloropropane

Concen: 51.068 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 10764

Ion Ratio Lower Upper

63 100

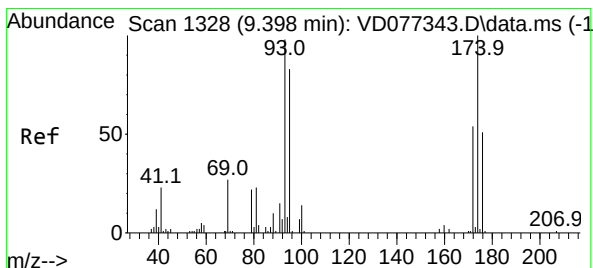
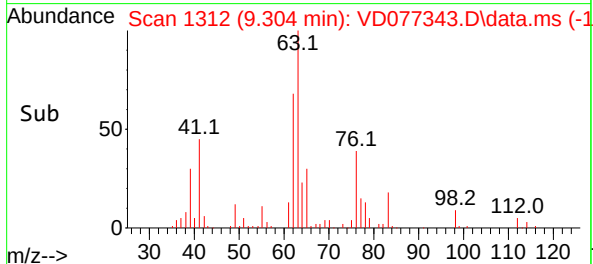
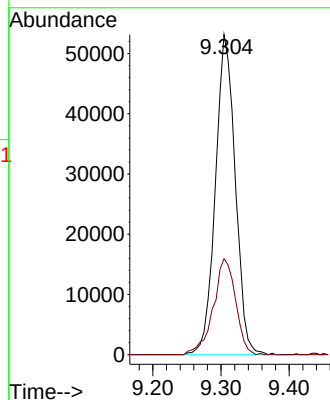
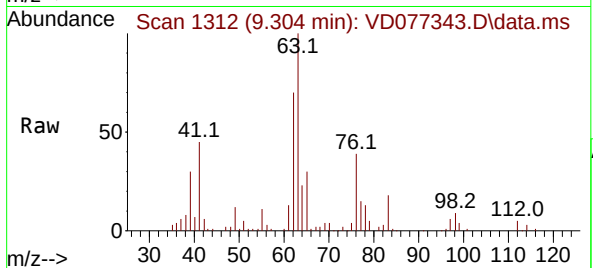
65 30.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#46

Dibromomethane

Concen: 50.768 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

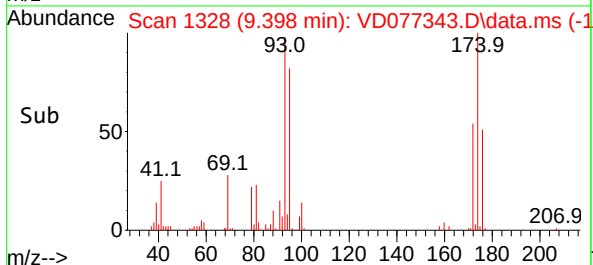
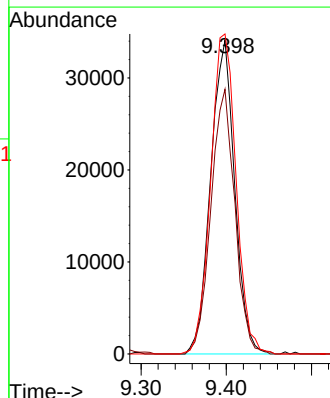
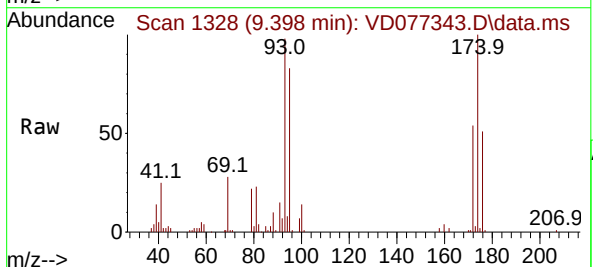
Tgt Ion: 93 Resp: 66901

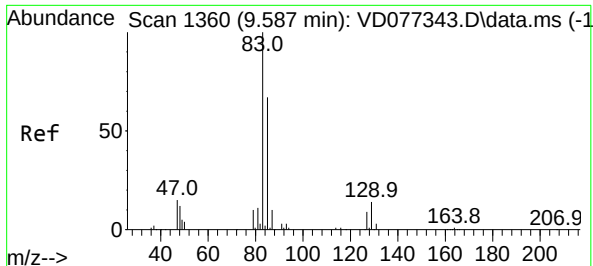
Ion Ratio Lower Upper

93 100

95 84.0 67.7 101.5

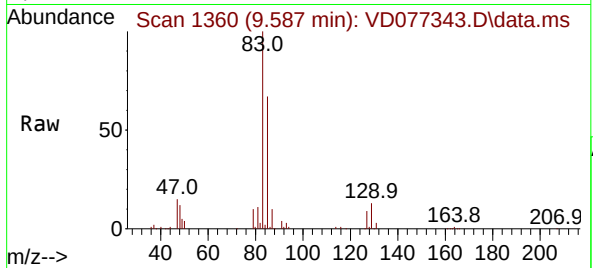
174 107.7 85.4 128.2





#47
Bromodichloromethane
Concen: 50.615 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

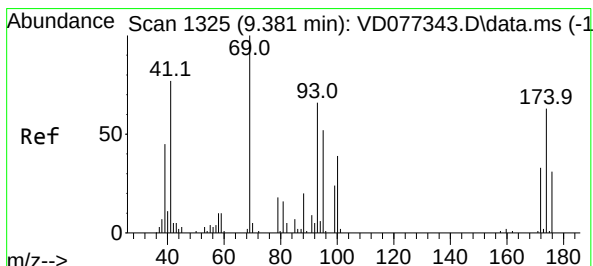
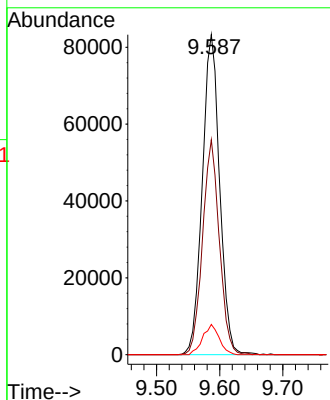
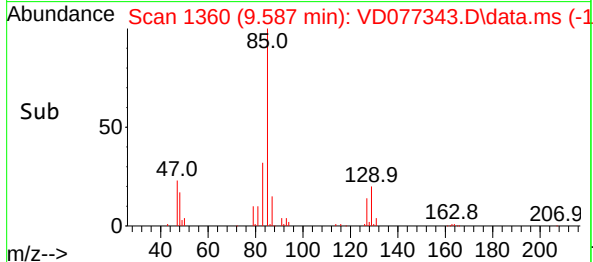
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



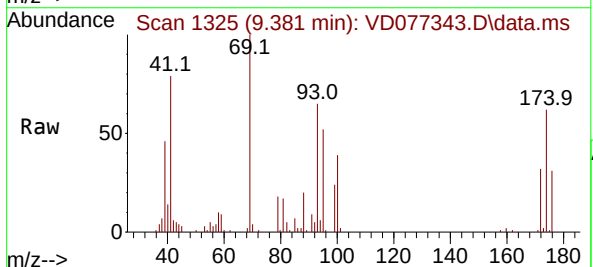
Tgt Ion: 83 Resp: 15904
Ion Ratio Lower Upper
83 100
85 67.2 50.2 75.4
127 9.5 6.3 9.5

Manual Integrations
APPROVED

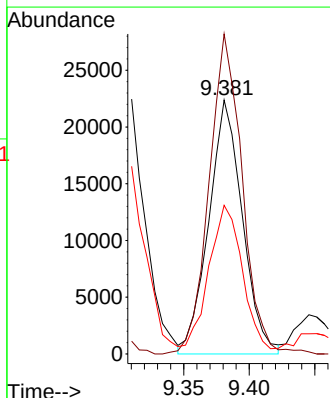
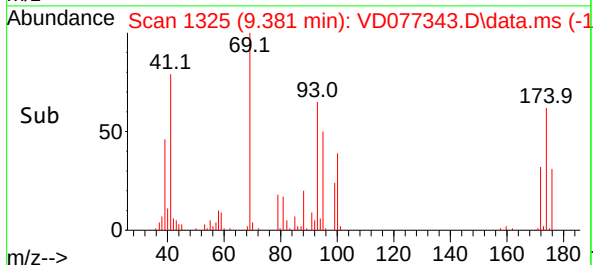
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

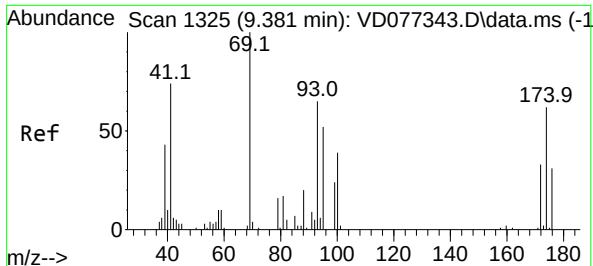


#48
Methyl methacrylate
Concen: 51.733 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28



Tgt Ion: 41 Resp: 39877
Ion Ratio Lower Upper
41 100
69 123.8 102.2 153.2
39 55.5 41.4 62.2





#49

1,4-Dioxane

Concen: 990.707 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 12820

Ion Ratio Lower Upper

88 100

43 24.4 19.0 28.6

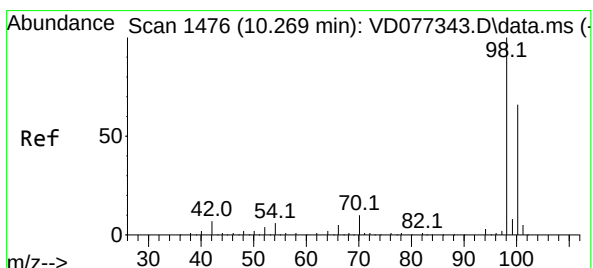
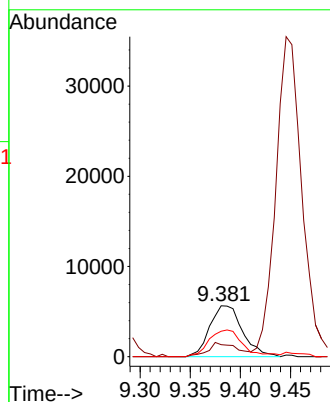
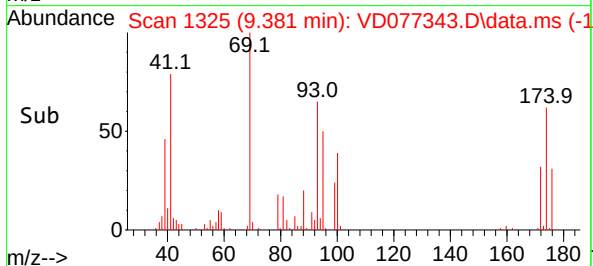
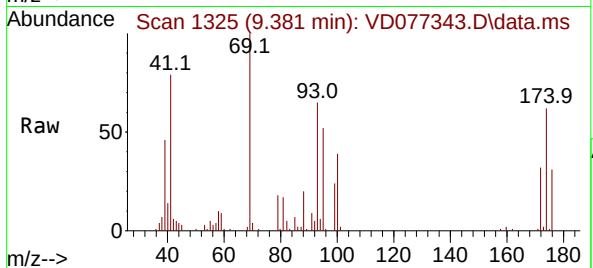
58 53.8 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#50

Toluene-d8

Concen: 46.883 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077343.D

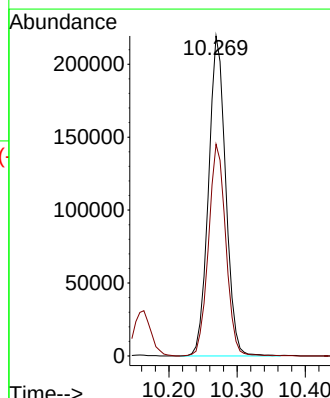
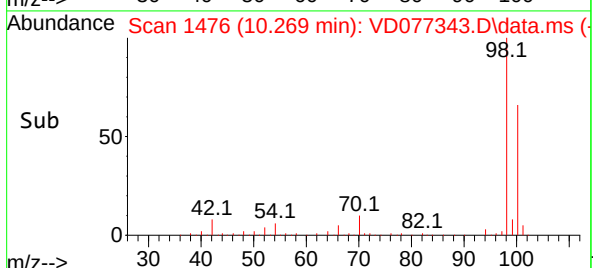
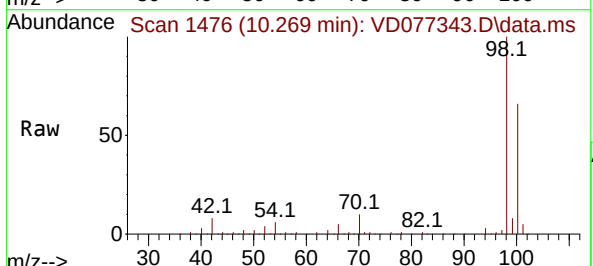
Acq: 17 Oct 2023 16:28

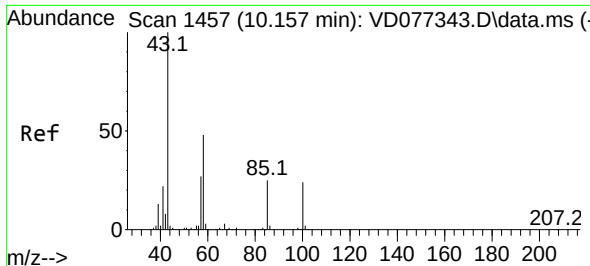
Tgt Ion: 98 Resp: 385028

Ion Ratio Lower Upper

98 100

100 66.7 50.3 75.5





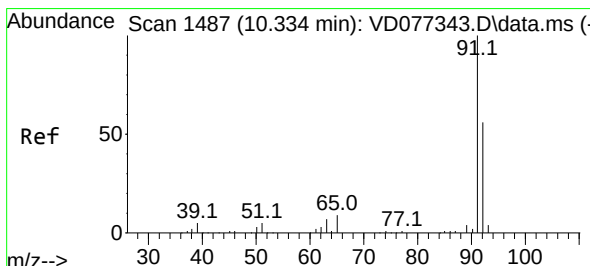
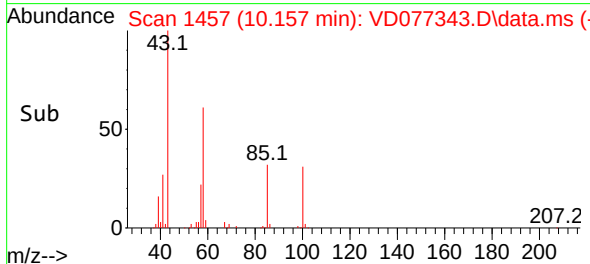
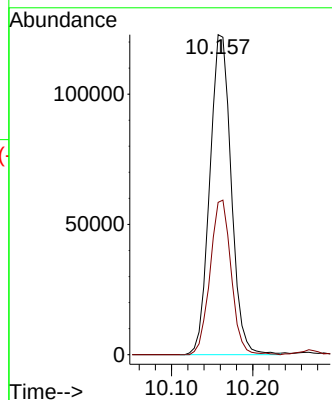
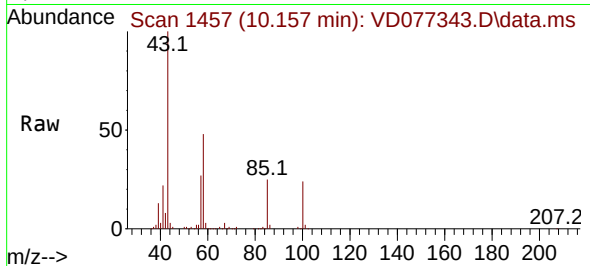
#51
4-Methyl-2-Pentanone
Concen: 263.589 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 22514
Ion Ratio Lower Upper
43 100
58 47.4 38.9 58.3

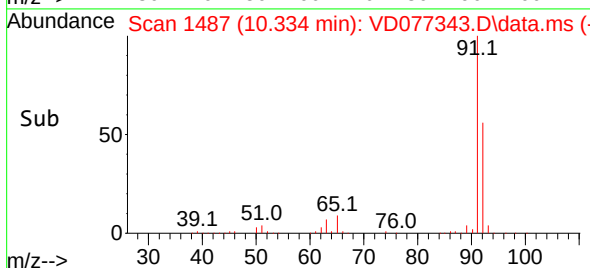
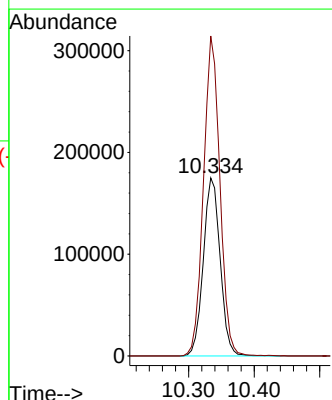
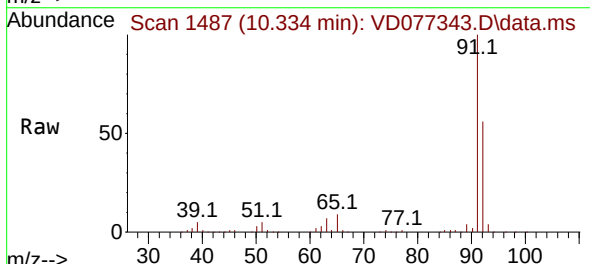
Manual Integrations
APPROVED

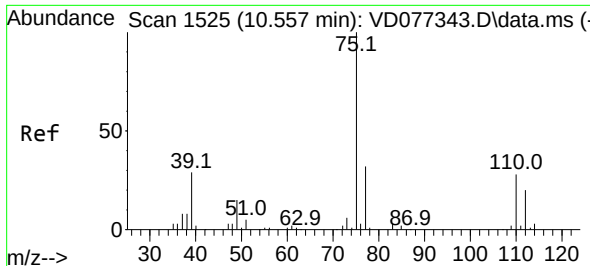
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#52
Toluene
Concen: 52.350 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

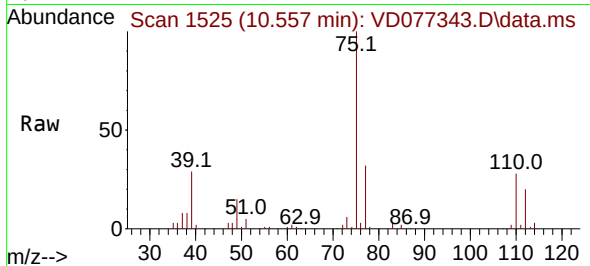
Tgt Ion: 92 Resp: 312543
Ion Ratio Lower Upper
92 100
91 175.5 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 52.419 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

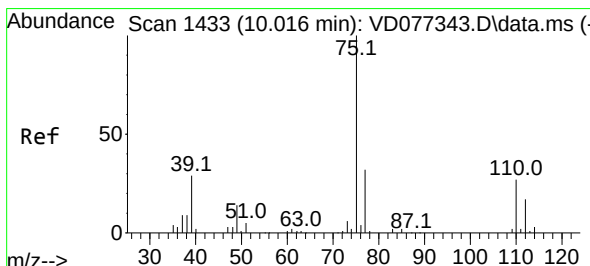
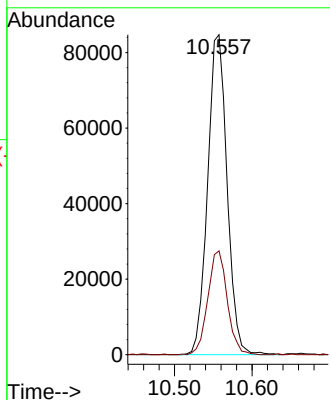
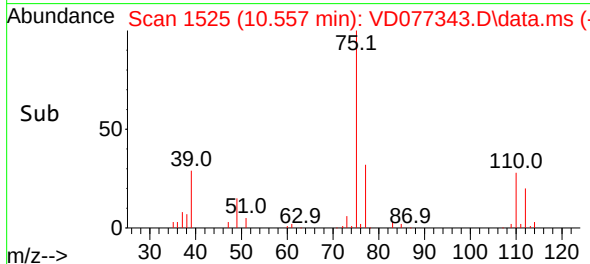
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 14785
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9

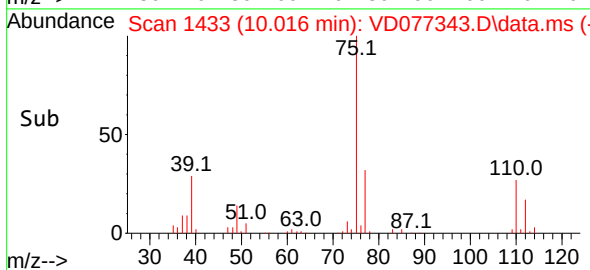
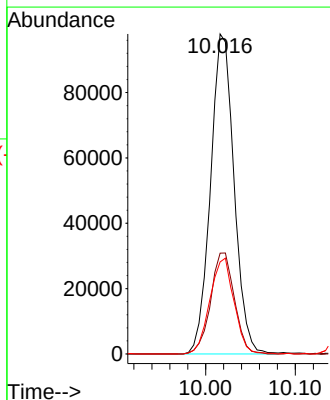
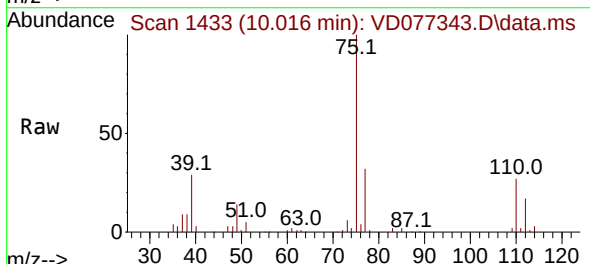
Manual Integrations
APPROVED

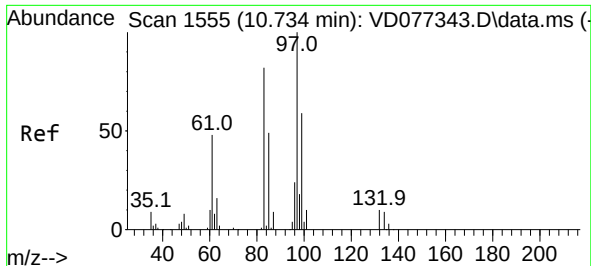
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 51.643 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

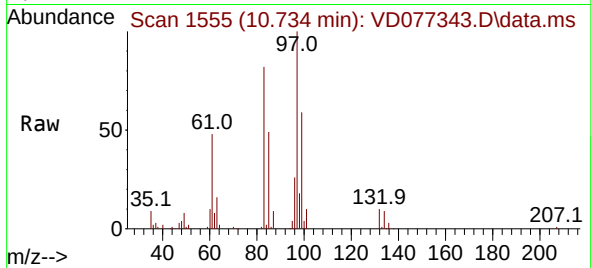
Tgt Ion: 75 Resp: 178221
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 28.8 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 50.802 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

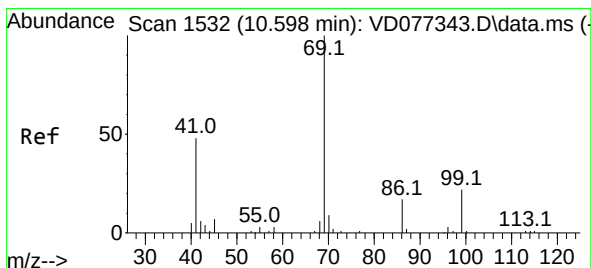
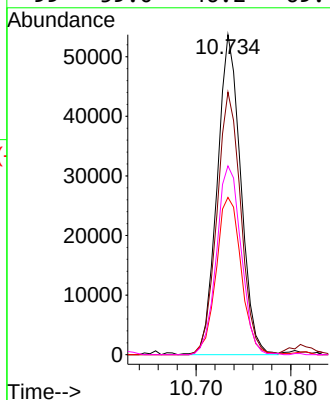
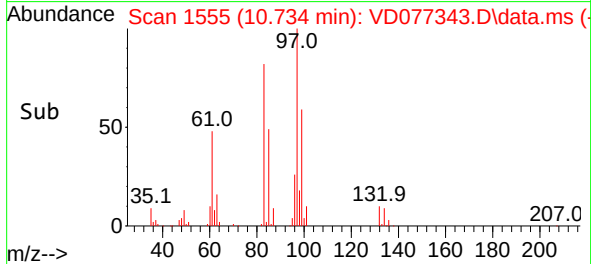
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:	97	Resp:	9272
Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.8	98.6
85	49.1	45.7	68.5
99	59.0	46.2	69.4

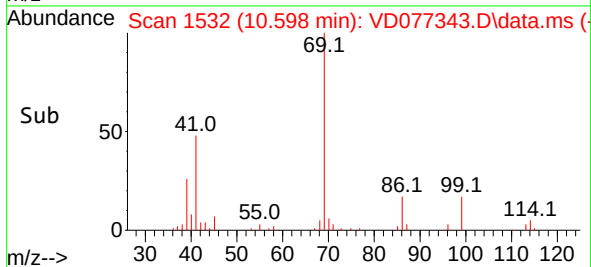
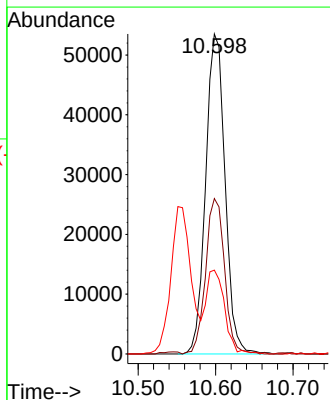
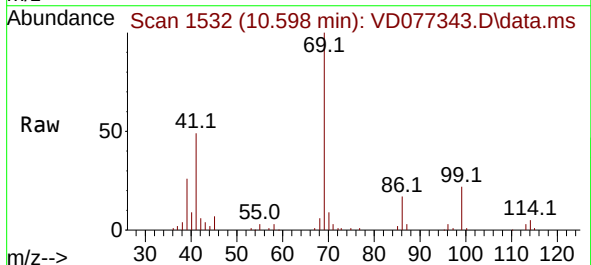
Manual Integrations
APPROVED

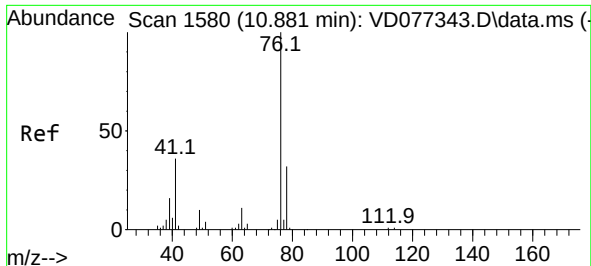
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Ethyl methacrylate
Concen: 53.313 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion:	69	Resp:	92994
Ion	Ratio	Lower	Upper
69	100		
41	47.6	39.1	58.7
39	25.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 50.897 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 142700

Ion Ratio Lower Upper

76 100

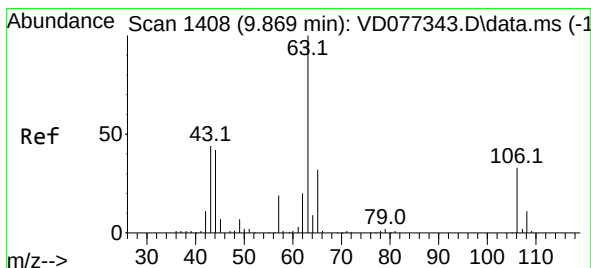
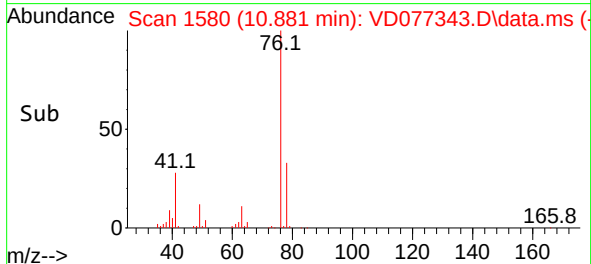
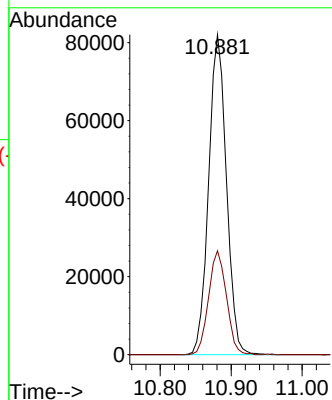
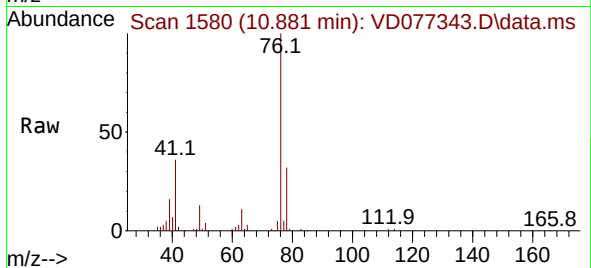
78 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.727 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077343.D

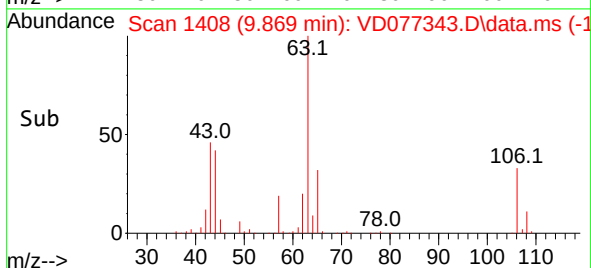
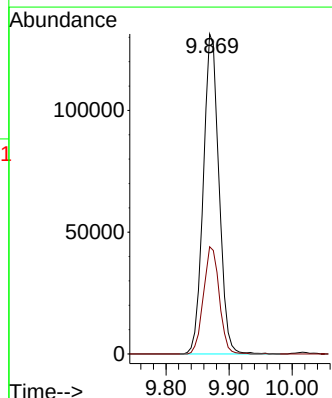
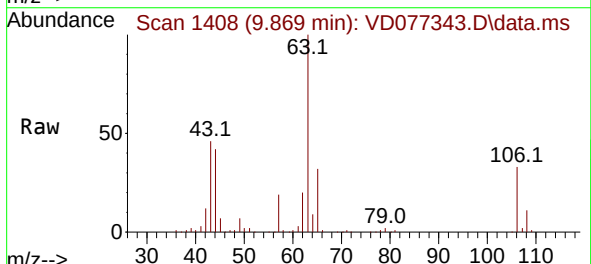
Acq: 17 Oct 2023 16:28

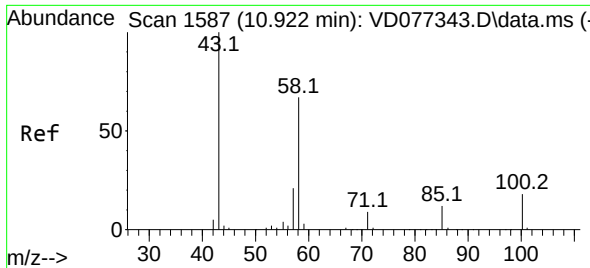
Tgt Ion: 63 Resp: 225765

Ion Ratio Lower Upper

63 100

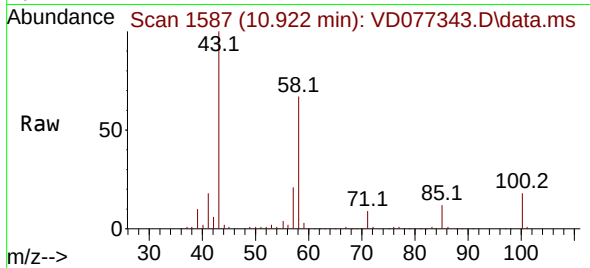
106 33.8 25.3 37.9





#59
2-Hexanone
Concen: 264.901 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

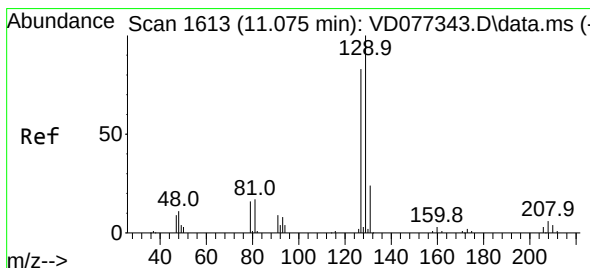
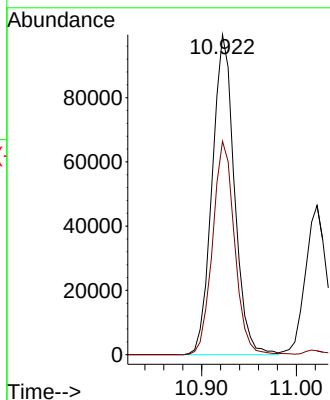
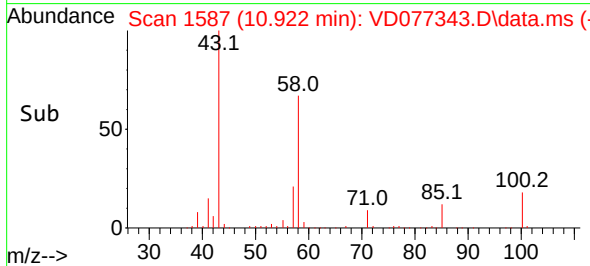
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 162500
Ion Ratio Lower Upper
43 100
58 65.8 34.1 102.2

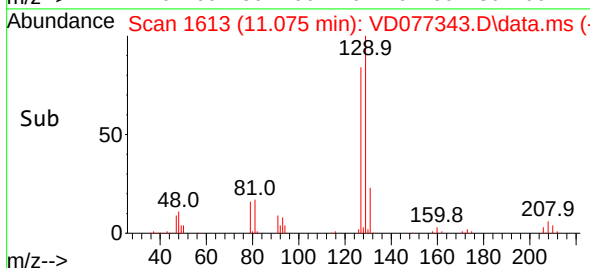
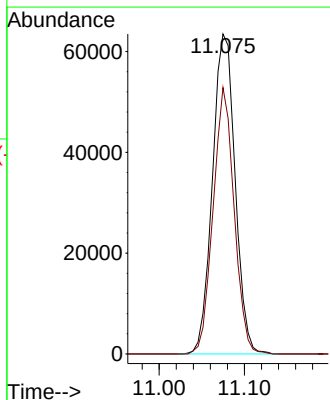
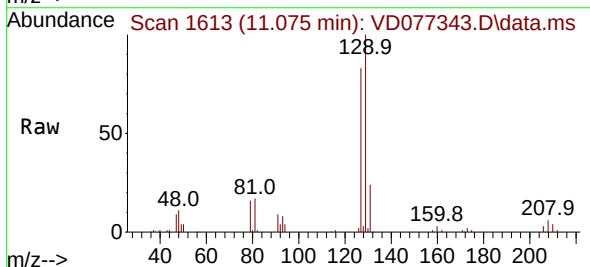
Manual Integrations
APPROVED

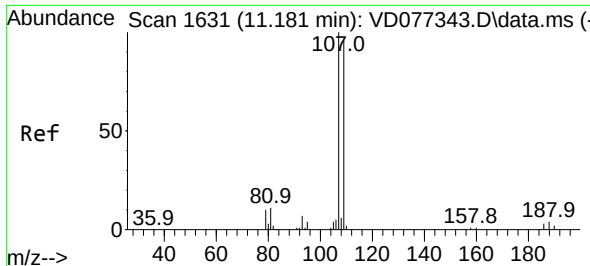
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#60
Dibromochloromethane
Concen: 50.347 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

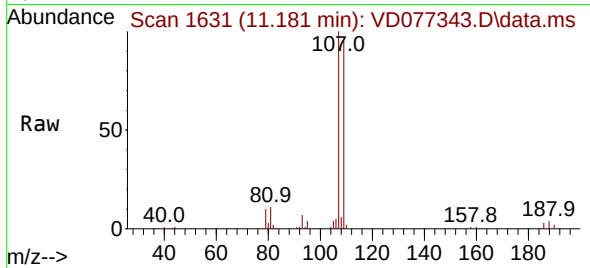
Tgt Ion:129 Resp: 117335
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 50.750 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

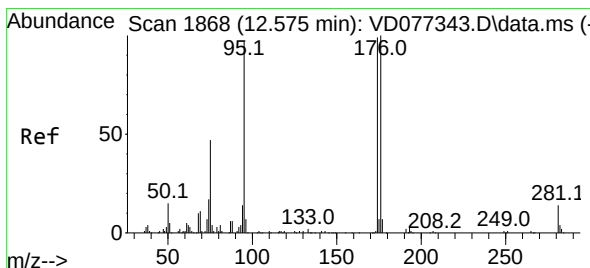
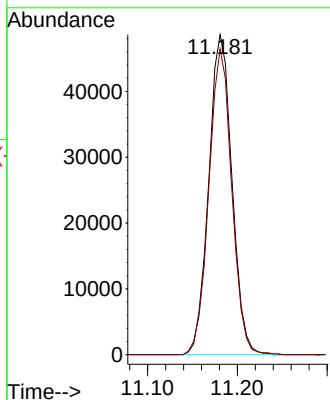
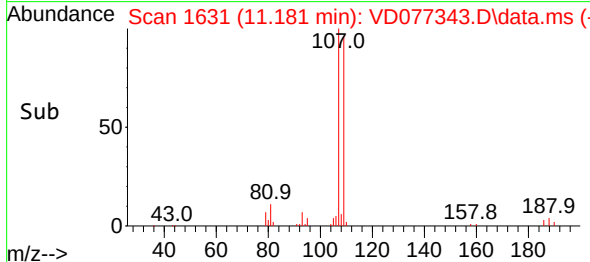
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



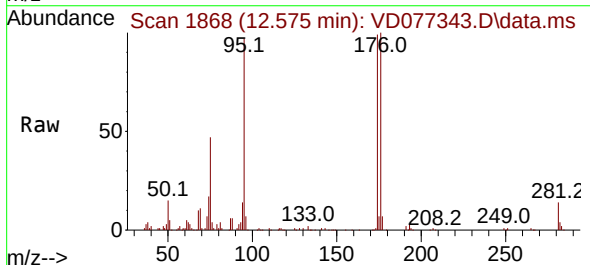
Tgt Ion:107 Resp: 87284
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

Manual Integrations
APPROVED

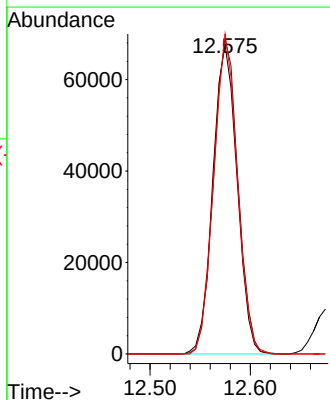
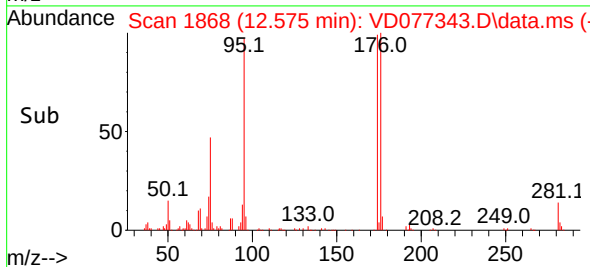
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

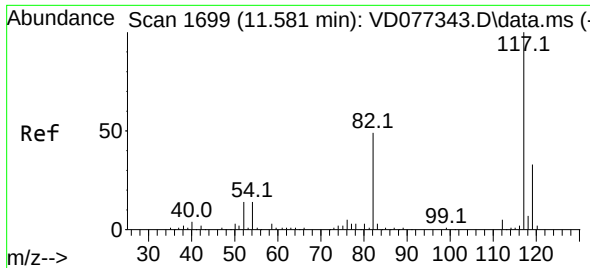


#62
4-Bromofluorobenzene
Concen: 47.880 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28



Tgt Ion: 95 Resp: 113189
Ion Ratio Lower Upper
95 100
174 102.9 0.0 201.8
176 100.3 0.0 191.8





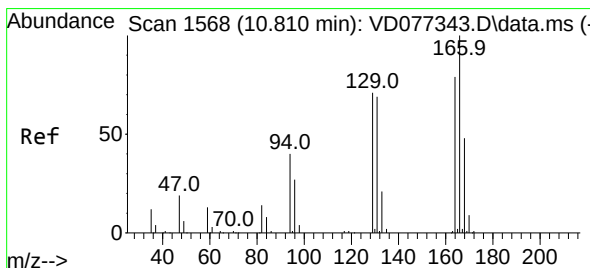
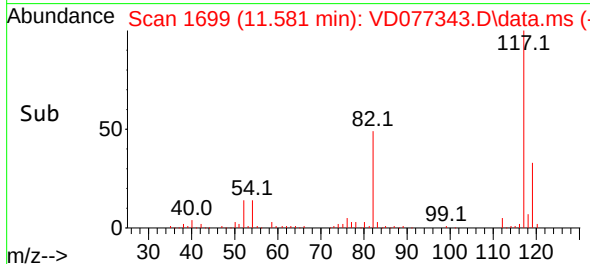
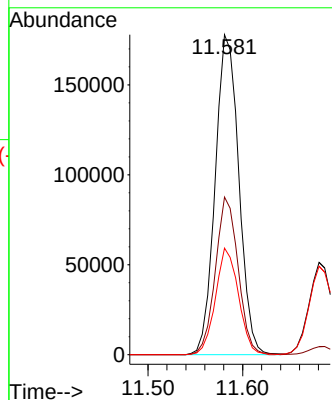
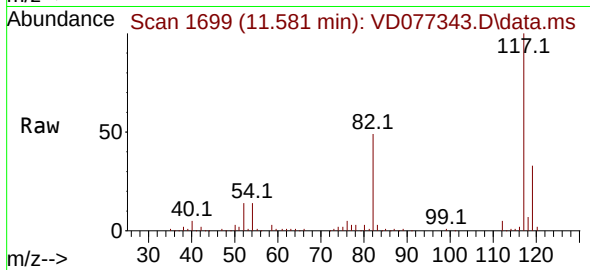
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 308992
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 33.3 25.0 37.4

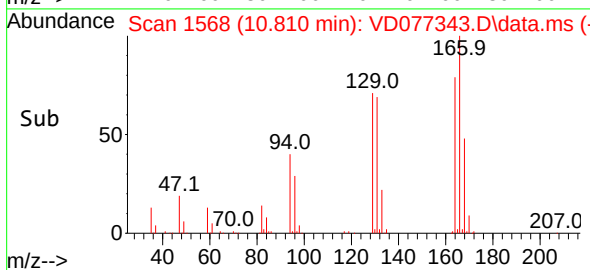
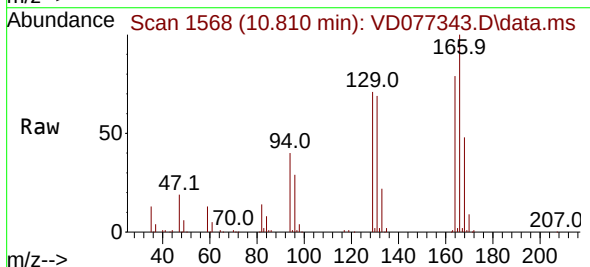
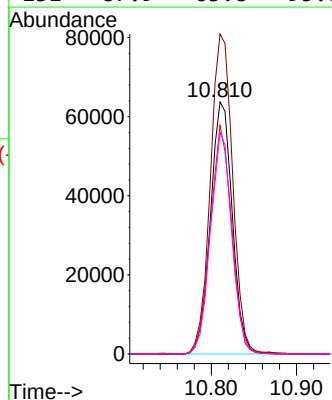
Manual Integrations
APPROVED

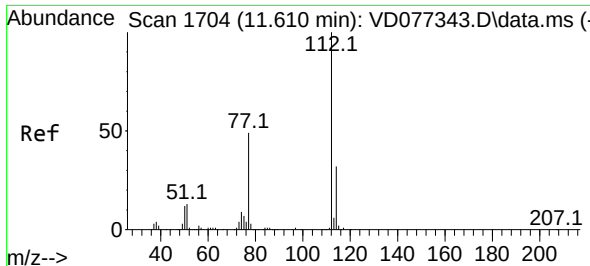
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#64
Tetrachloroethene
Concen: 49.479 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

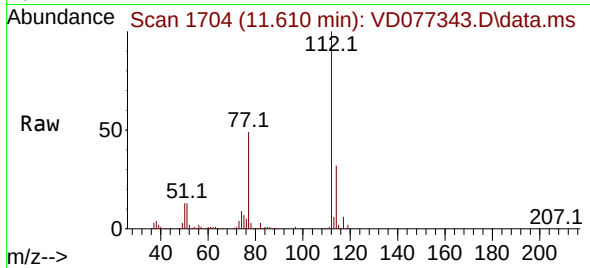
Tgt Ion:164 Resp: 113636
Ion Ratio Lower Upper
164 100
166 127.0 99.2 148.8
129 90.7 68.4 102.6
131 87.9 63.8 95.8





#65
Chlorobenzene
Concen: 50.450 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

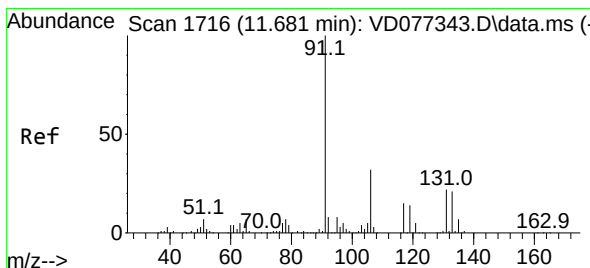
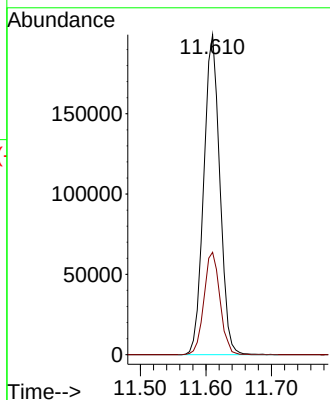
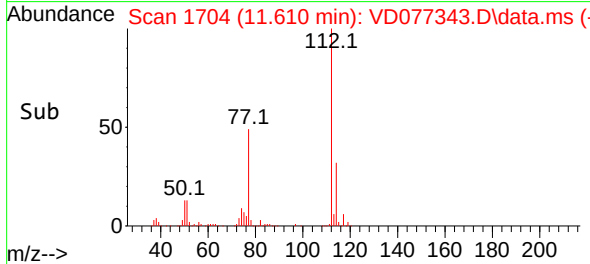
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 339789
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

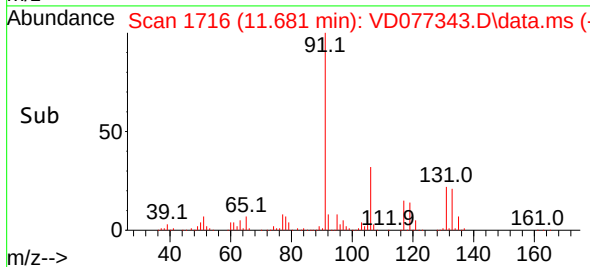
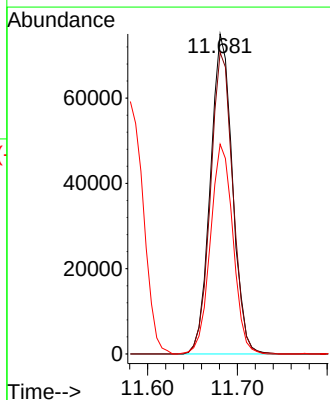
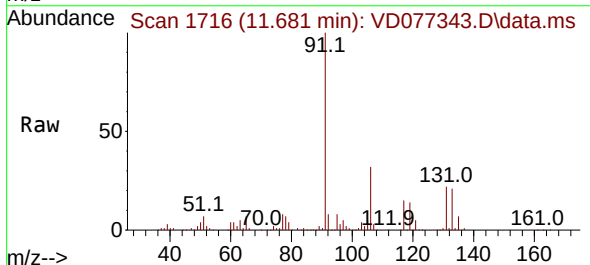
Manual Integrations
APPROVED

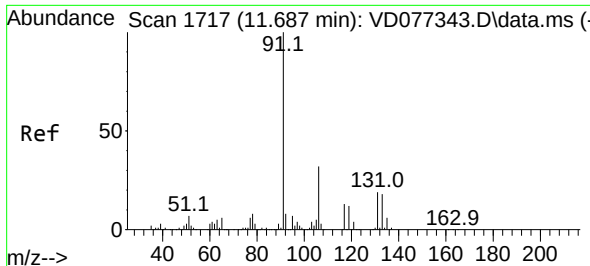
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.015 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

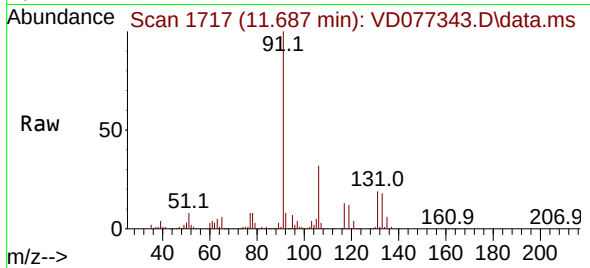
Tgt Ion:131 Resp: 128049
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.5
119 67.0 35.6 106.9





#67
Ethyl Benzene
Concen: 52.376 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

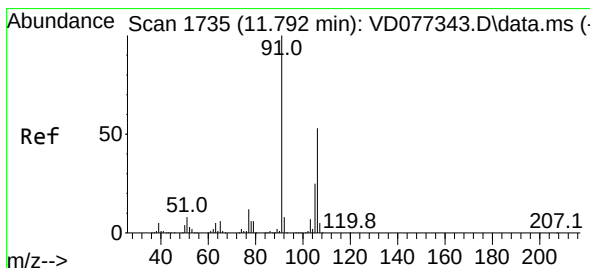
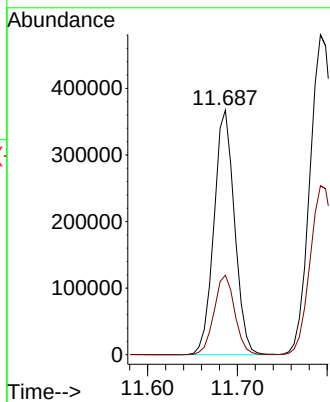
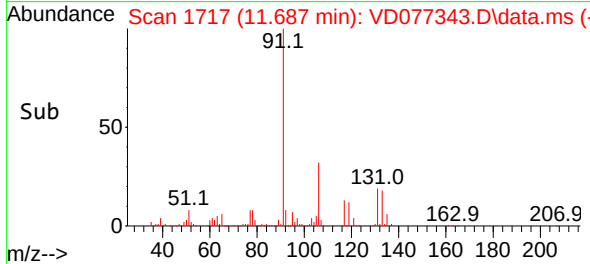
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



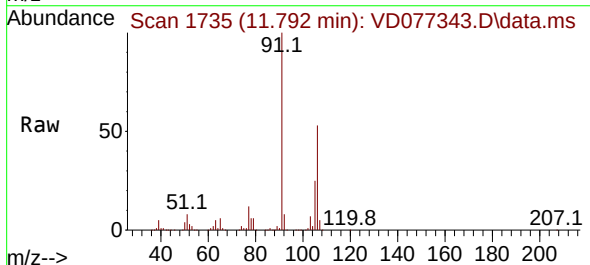
Tgt Ion: 91 Resp: 584758
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7

Manual Integrations
APPROVED

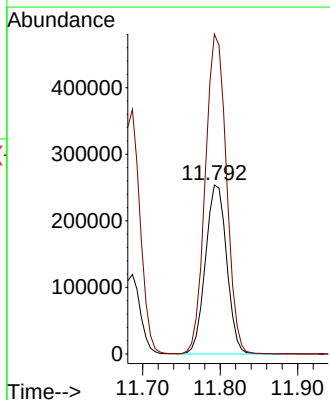
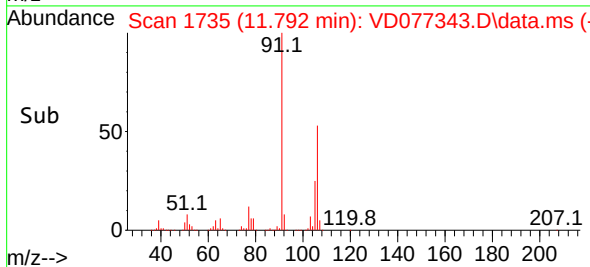
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

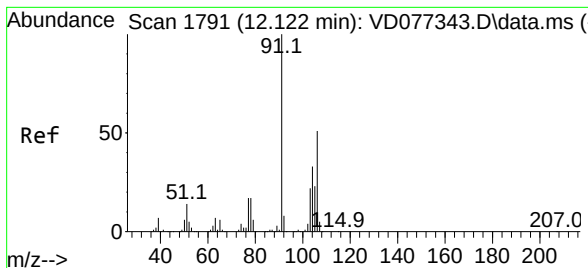


#68
m/p-Xylenes
Concen: 105.275 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28



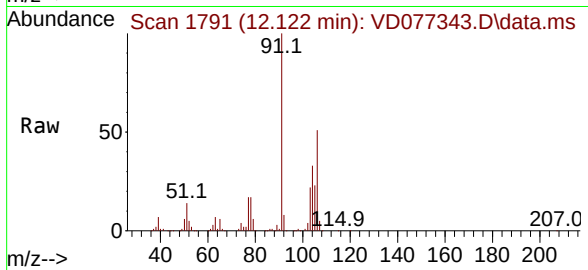
Tgt Ion:106 Resp: 482647
Ion Ratio Lower Upper
106 100
91 188.5 147.0 220.6





#69
o-Xylene
Concen: 52.716 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

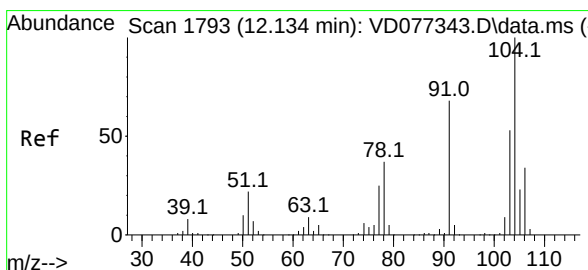
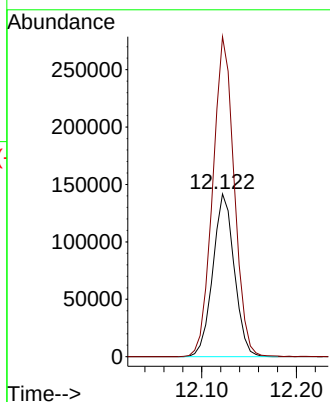
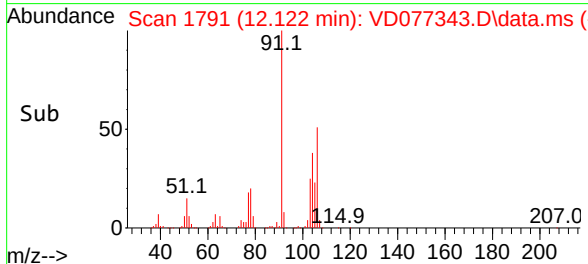
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 222480
Ion Ratio Lower Upper
106 100
91 197.7 97.9 293.6

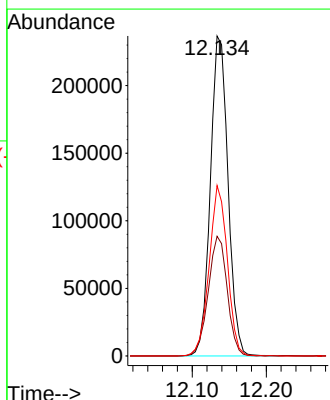
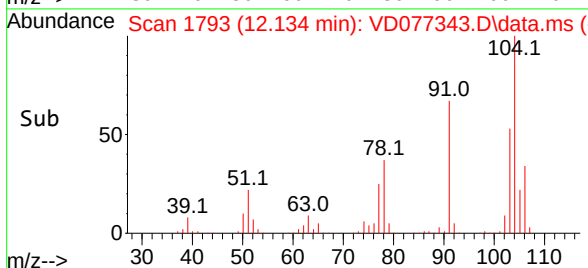
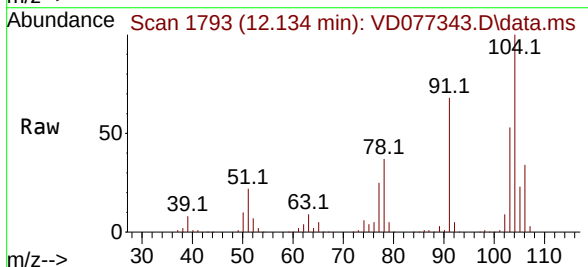
Manual Integrations
APPROVED

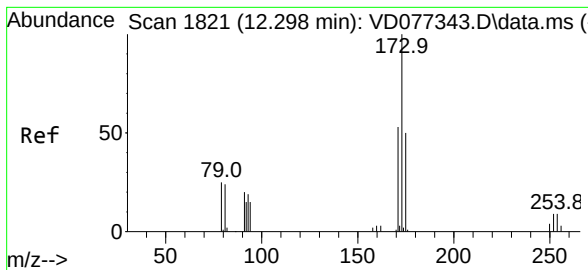
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Styrene
Concen: 54.381 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion:104 Resp: 391582
Ion Ratio Lower Upper
104 100
78 40.3 33.2 49.8
103 55.0 43.6 65.4





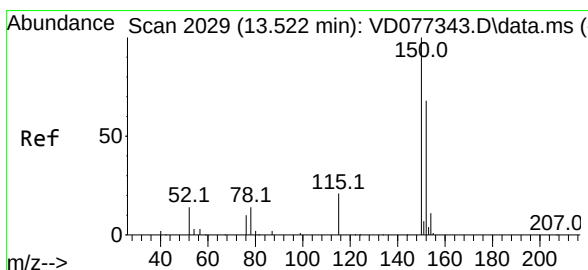
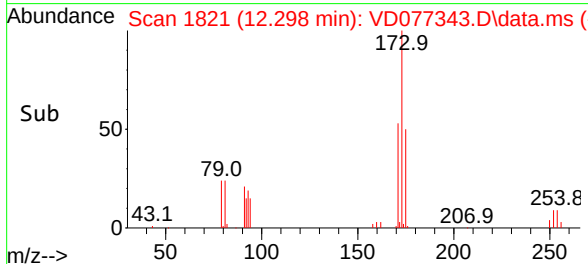
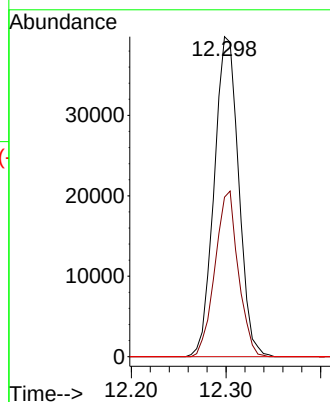
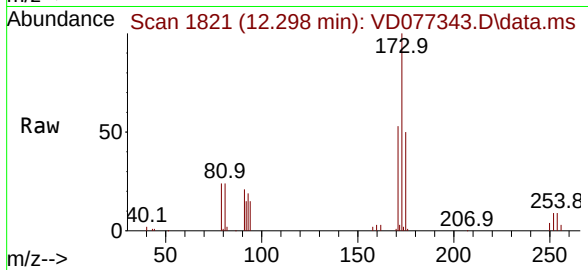
#71
Bromoform
Concen: 50.869 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 7139
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0

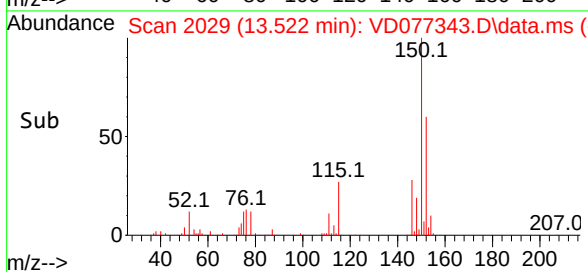
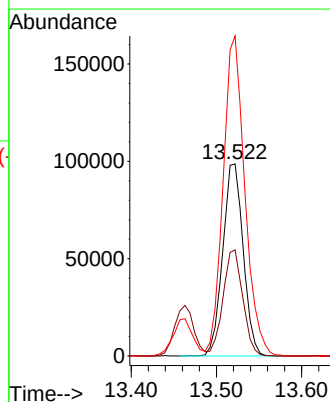
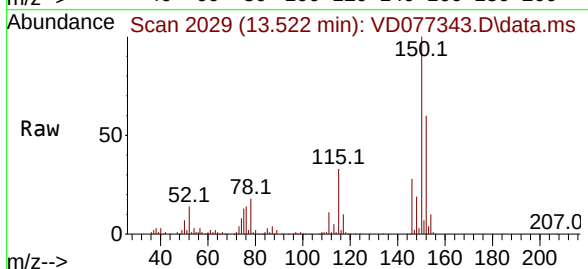
Manual Integrations
APPROVED

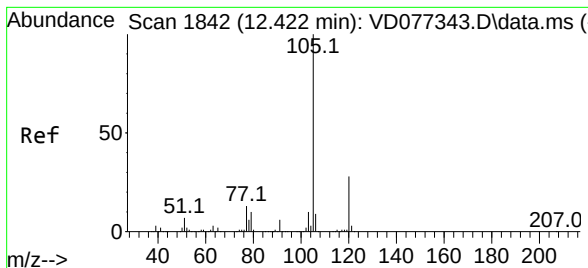
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion:152 Resp: 164697
Ion Ratio Lower Upper
152 100
115 53.5 27.1 81.3
150 176.6 0.0 353.6





#73

Isopropylbenzene

Concen: 52.537 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 572329

Ion Ratio Lower Upper

105 100

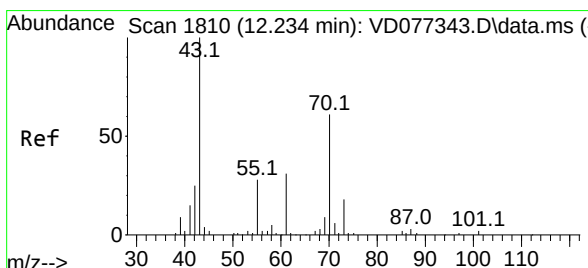
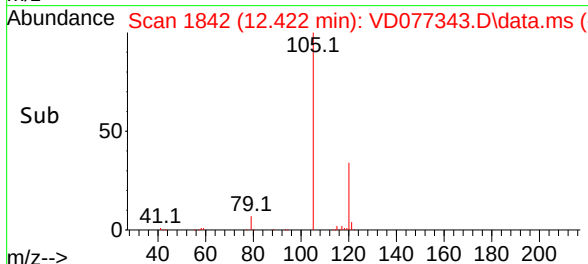
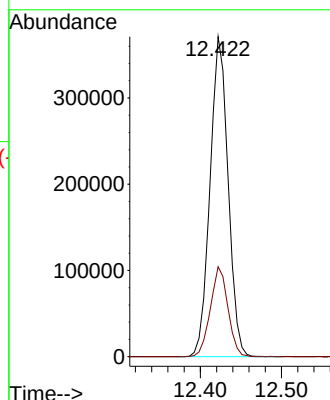
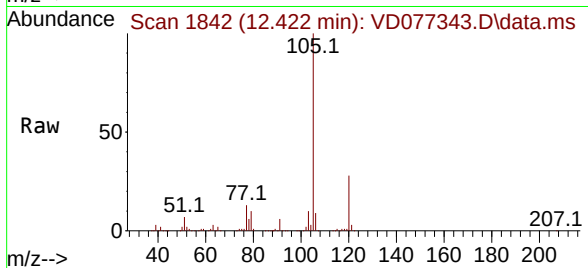
120 27.3 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#74

N-ethyl acetate

Concen: 50.677 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Tgt Ion: 43 Resp: 79420

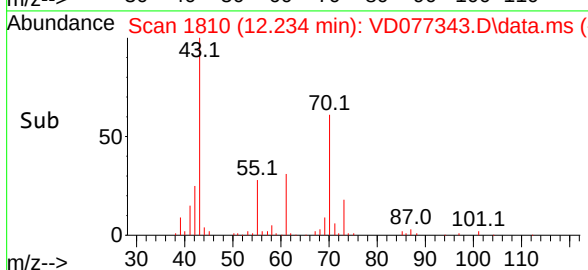
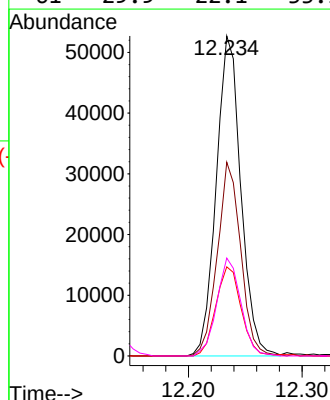
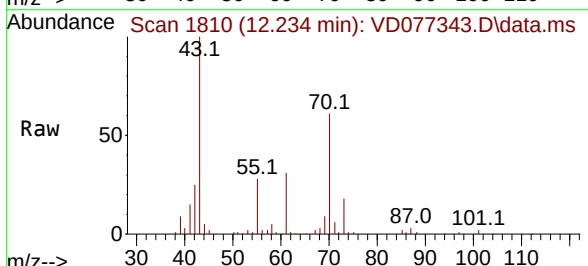
Ion Ratio Lower Upper

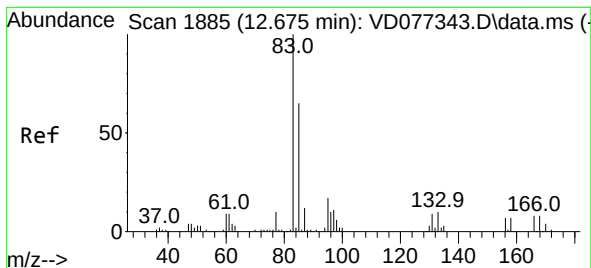
43 100

70 57.7 45.0 67.4

55 28.9 23.8 35.6

61 29.9 22.1 33.1





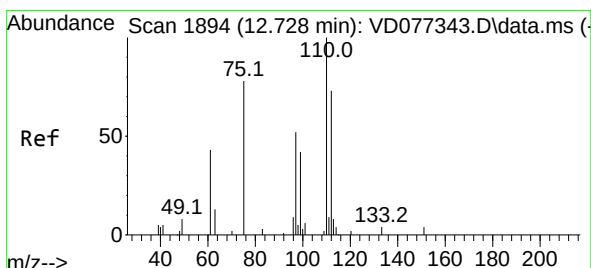
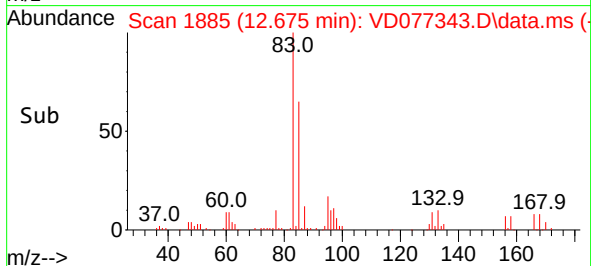
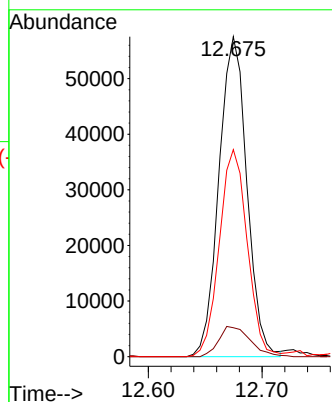
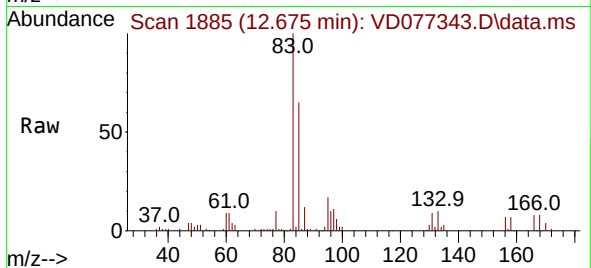
#75
1,1,2,2-Tetrachloroethane
Concen: 49.677 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 98340
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 64.7 32.6 97.8

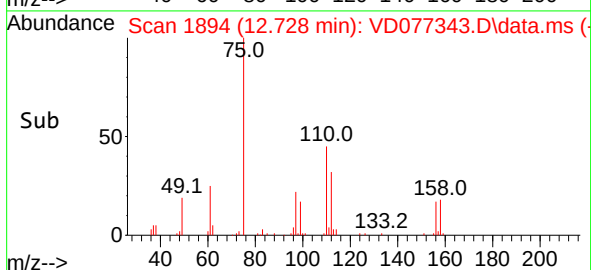
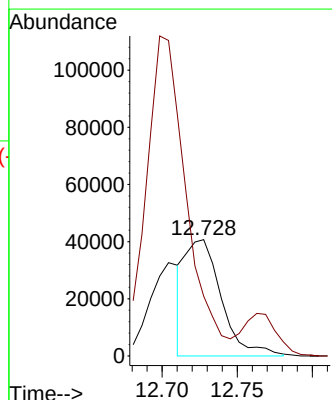
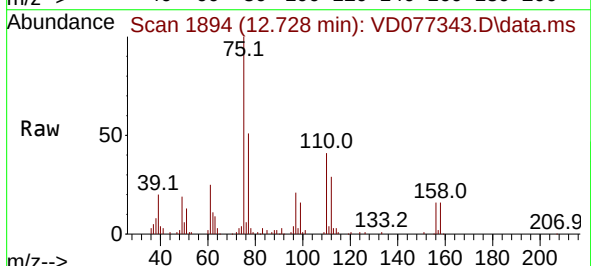
Manual Integrations
APPROVED

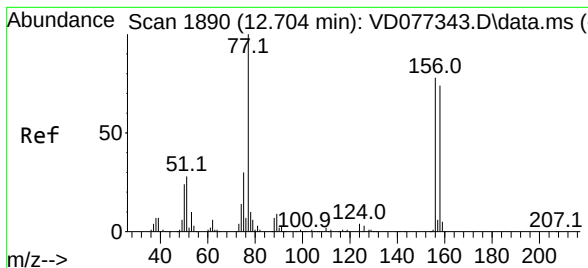
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 35.715 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion: 75 Resp: 68557
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.354 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

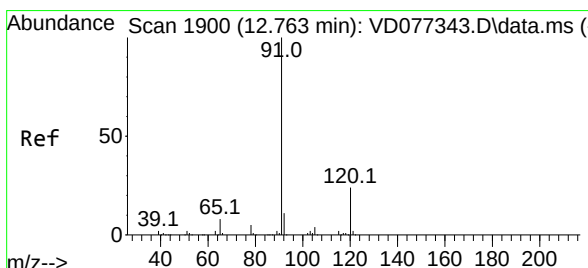
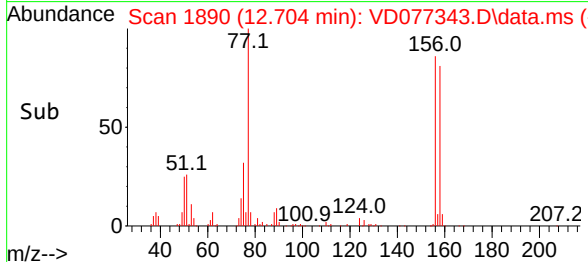
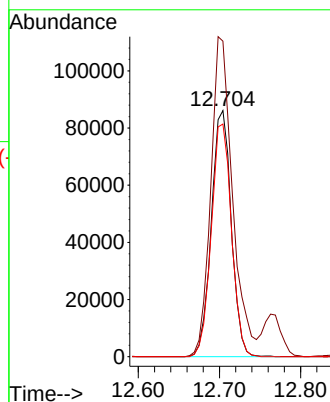
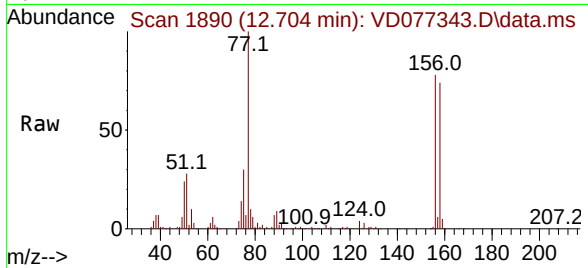
VSTDICCC050

Tgt Ion:	156	Resp:	14687
Ion Ratio	Lower	Upper	
156	100		
77	142.0	76.8	230.4
158	95.6	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#78

n-propylbenzene

Concen: 52.908 ug/l

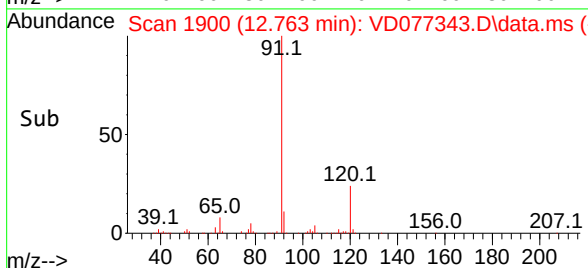
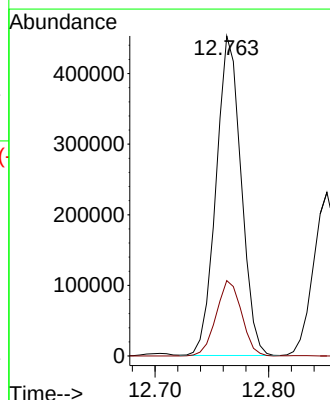
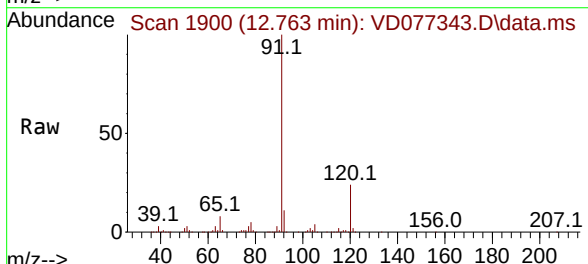
RT: 12.763 min Scan# 1900

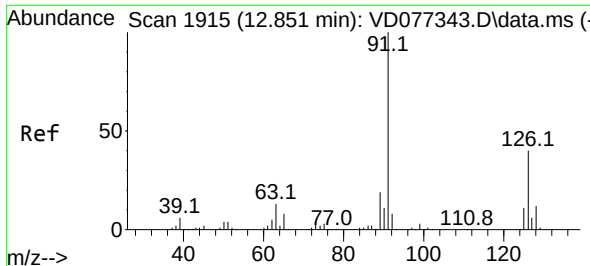
Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Tgt Ion:	91	Resp:	694142
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.4	37.2





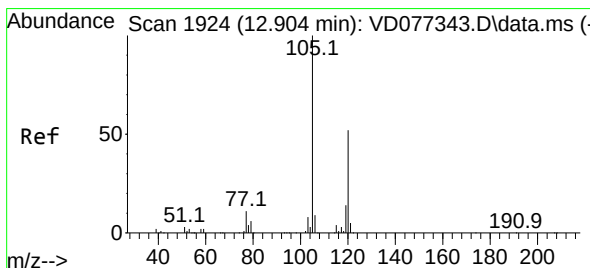
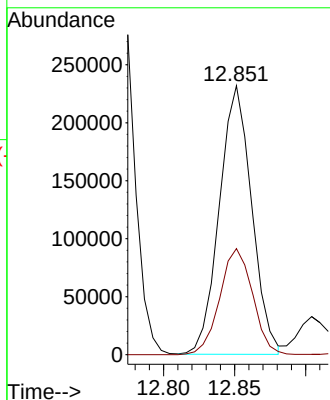
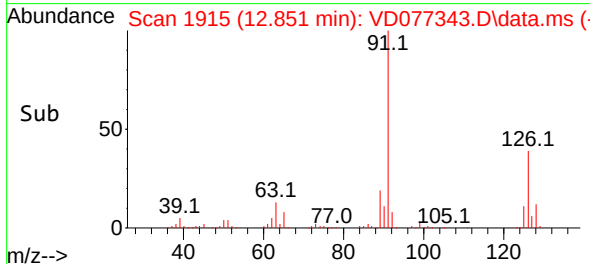
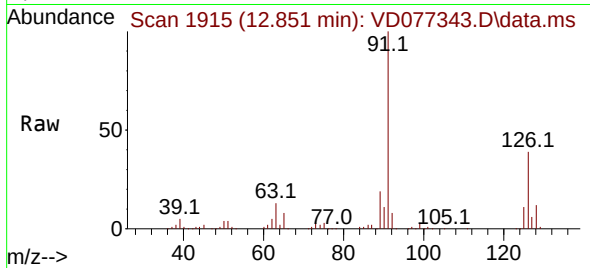
#79
2-Chlorotoluene
Concen: 51.354 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 366978
Ion Ratio Lower Upper
91 100
126 40.1 19.4 58.1

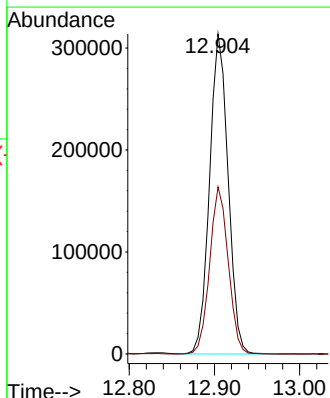
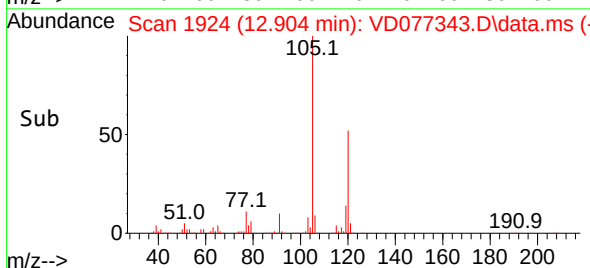
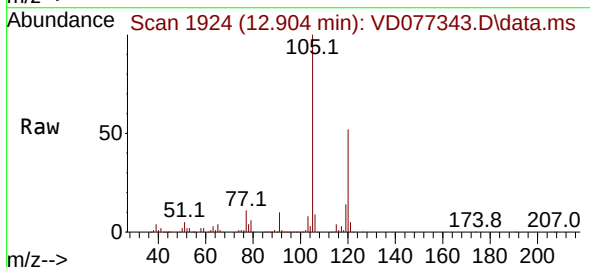
Manual Integrations
APPROVED

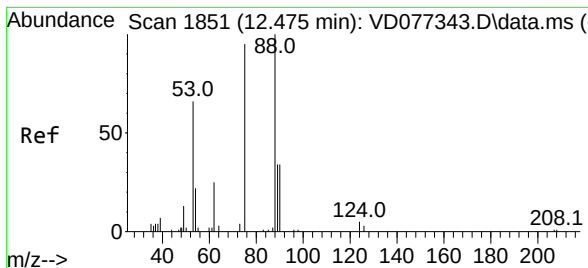
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.772 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

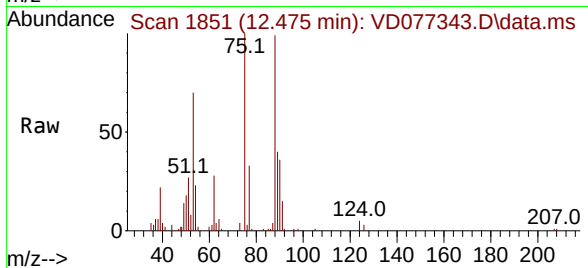
Tgt Ion:105 Resp: 474409
Ion Ratio Lower Upper
105 100
120 52.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.934 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

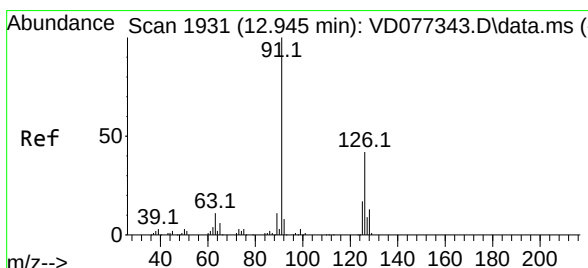
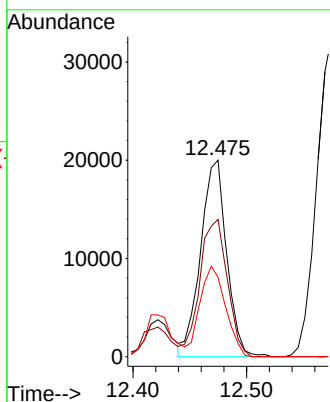
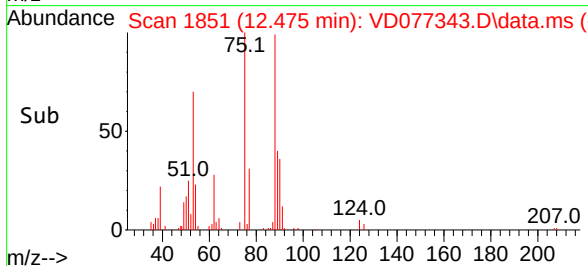
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 3192
Ion Ratio Lower Upper
75 100
53 74.0 63.0 94.4
89 45.3 37.9 56.9

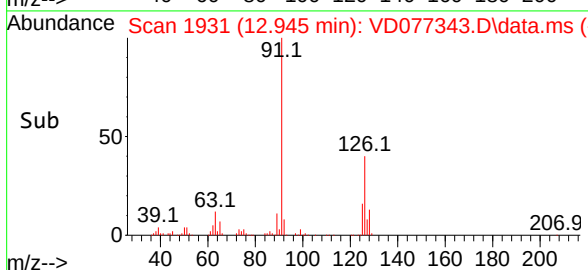
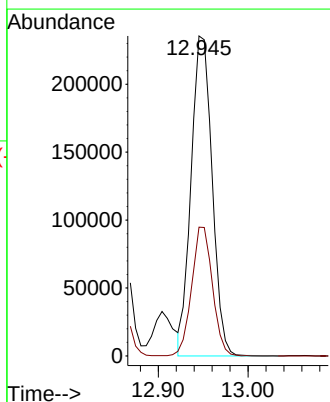
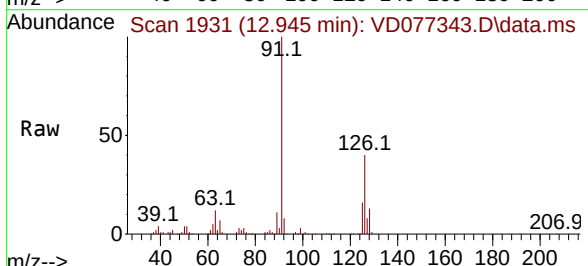
Manual Integrations
APPROVED

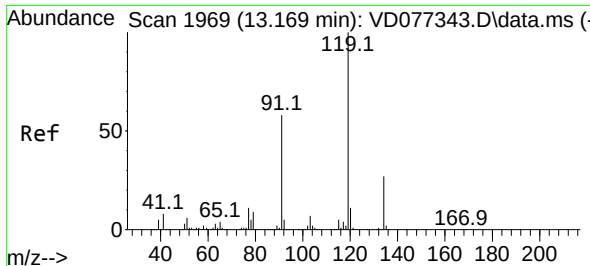
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#82
4-Chlorotoluene
Concen: 51.527 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

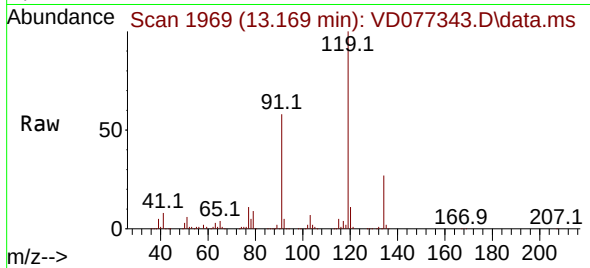
Tgt Ion: 91 Resp: 383353
Ion Ratio Lower Upper
91 100
126 39.9 19.4 58.4





#83
tert-Butylbenzene
Concen: 51.188 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

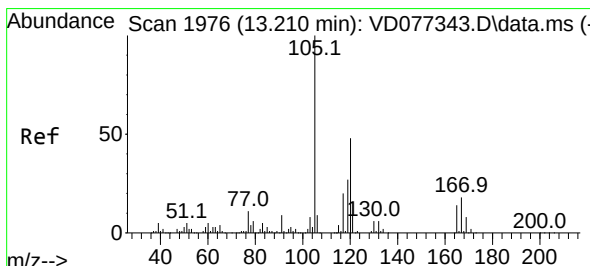
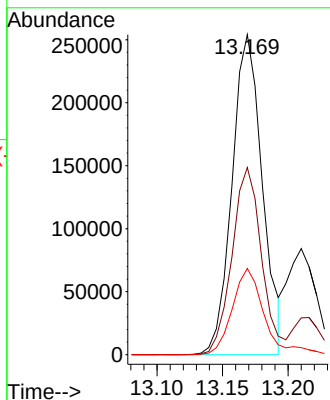
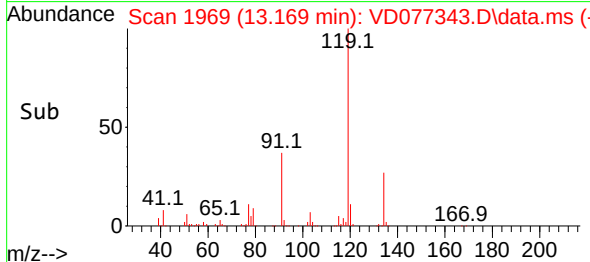
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



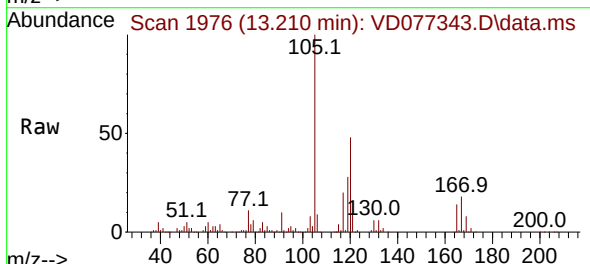
Tgt Ion:119 Resp: 407979
Ion Ratio Lower Upper
119 100
91 57.4 29.3 87.8
134 28.3 14.1 42.3

Manual Integrations
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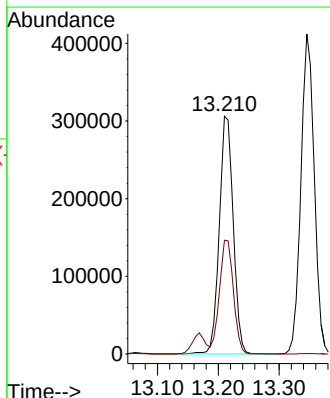
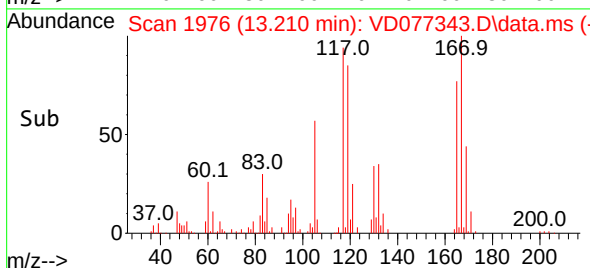
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

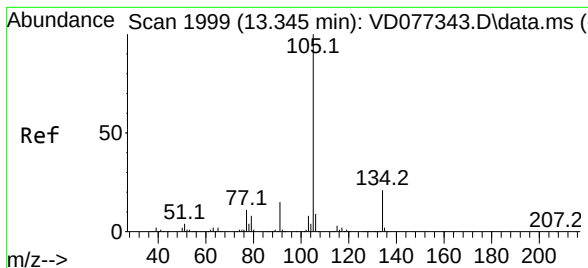


#84
1,2,4-Trimethylbenzene
Concen: 53.775 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28



Tgt Ion:105 Resp: 486719
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 52.102 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 62488

Ion Ratio Lower Upper

105 100

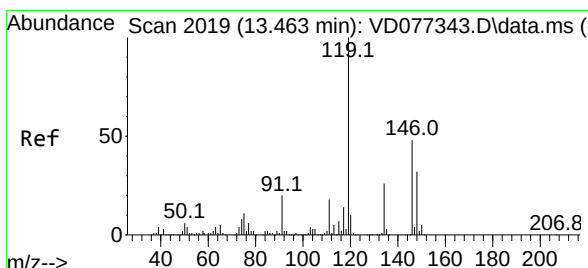
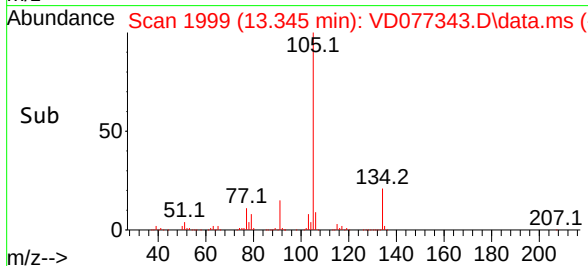
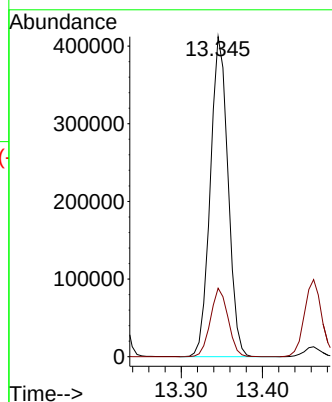
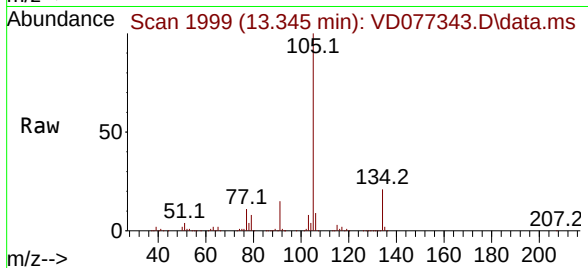
134 21.2 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#86

p-Isopropyltoluene

Concen: 52.514 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

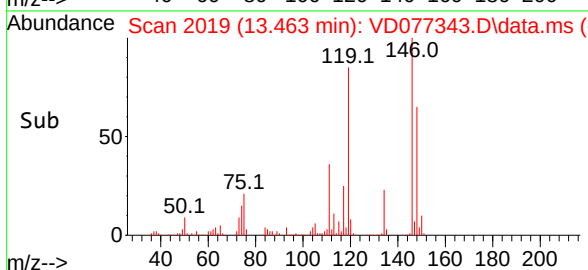
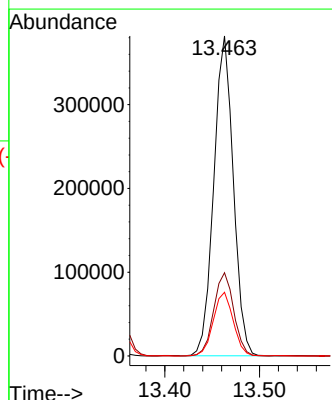
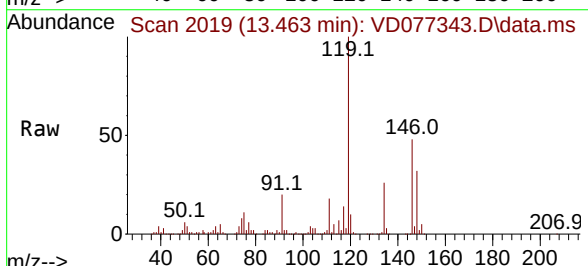
Tgt Ion:119 Resp: 547158

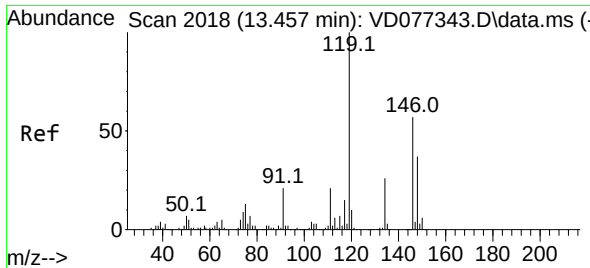
Ion Ratio Lower Upper

119 100

134 26.7 14.2 42.6

91 20.5 10.5 31.5





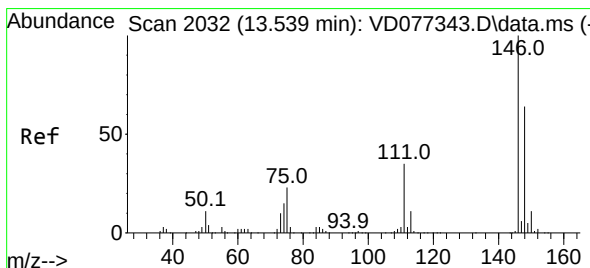
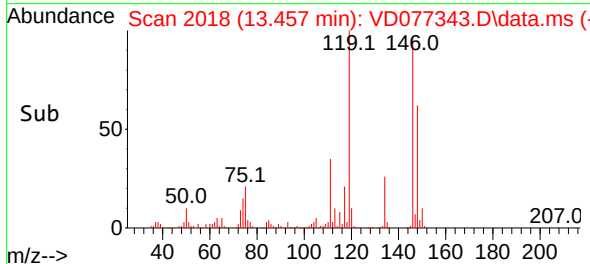
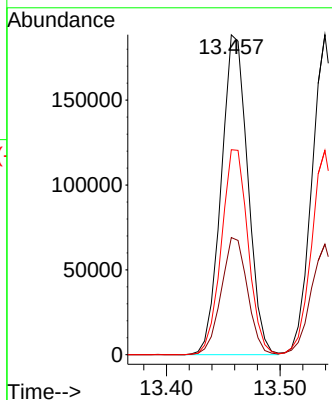
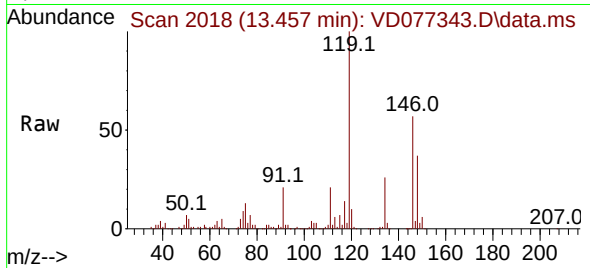
#87
 1,3-Dichlorobenzene
 Concen: 51.013 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077343.D
 Acq: 17 Oct 2023 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 30704
 Ion Ratio Lower Upper
 146 100
 111 36.1 17.9 53.8
 148 64.2 32.3 96.8

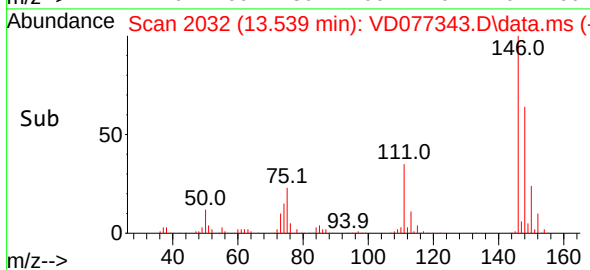
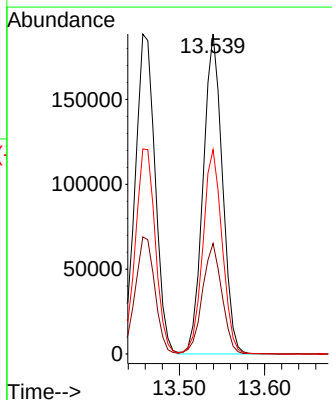
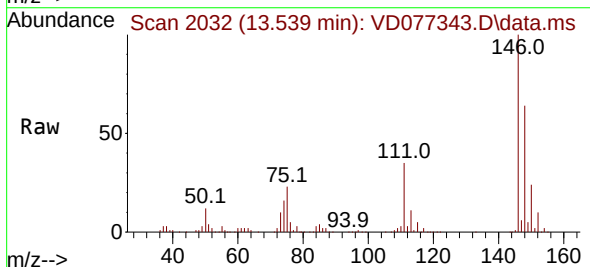
Manual Integrations
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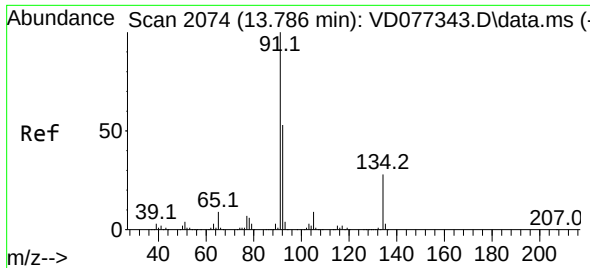
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#88
 1,4-Dichlorobenzene
 Concen: 49.667 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077343.D
 Acq: 17 Oct 2023 16:28

Tgt Ion:146 Resp: 296233
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.4 52.3
 148 63.9 31.7 95.1





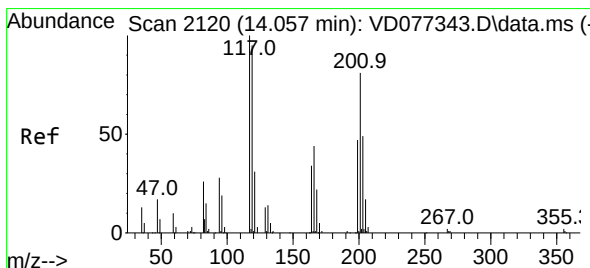
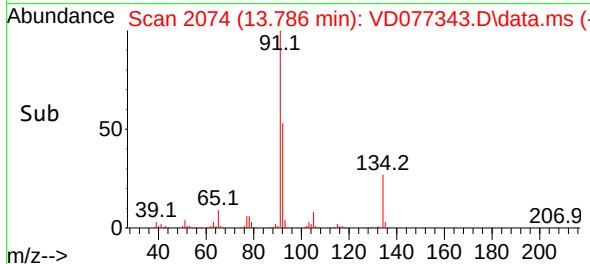
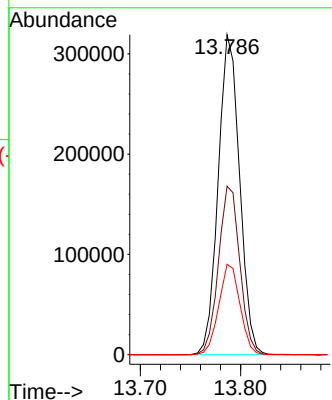
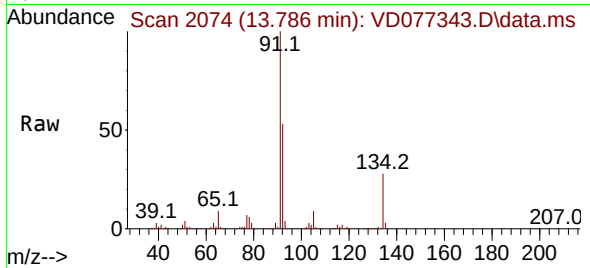
#89
n-Butylbenzene
Concen: 51.992 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 47170
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 28.0 13.8 41.3

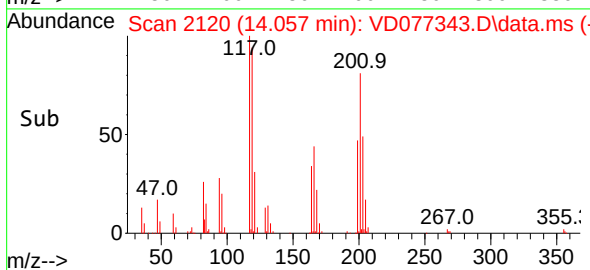
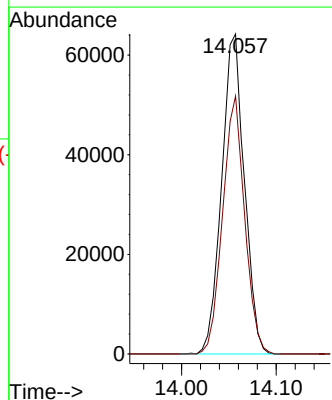
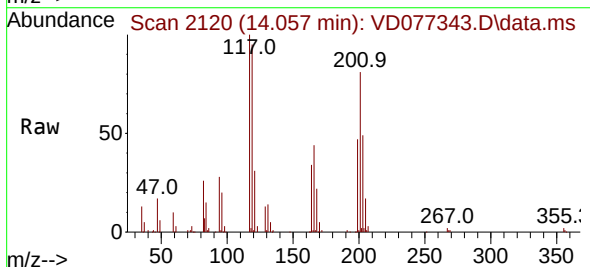
Manual Integrations
APPROVED

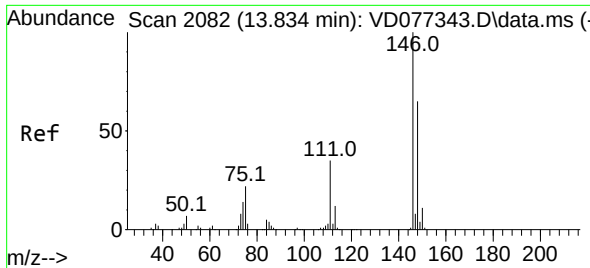
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#90
Hexachloroethane
Concen: 50.869 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion:117 Resp: 107138
Ion Ratio Lower Upper
117 100
201 77.9 38.5 115.5





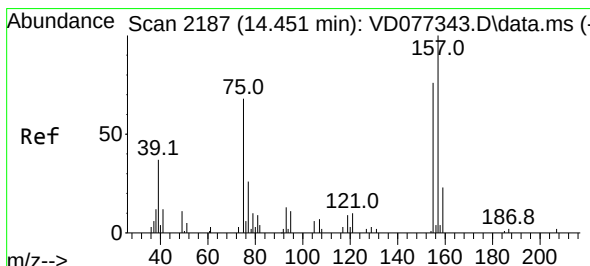
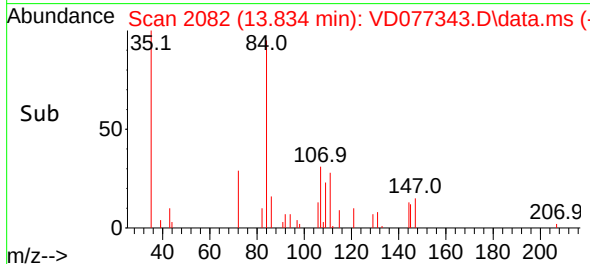
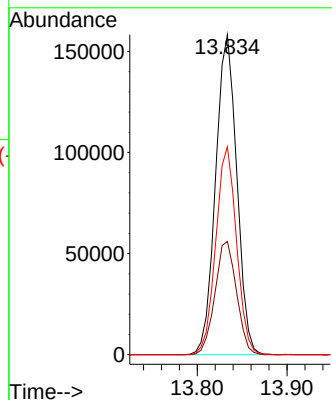
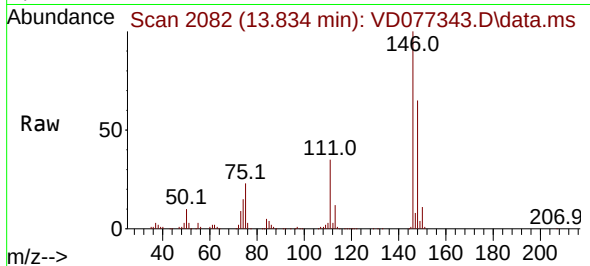
#91
1,2-Dichlorobenzene
Concen: 51.035 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 259480
Ion Ratio Lower Upper
146 100
111 36.0 18.3 54.8
148 63.6 31.6 94.7

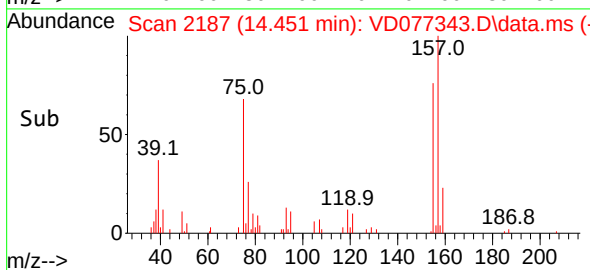
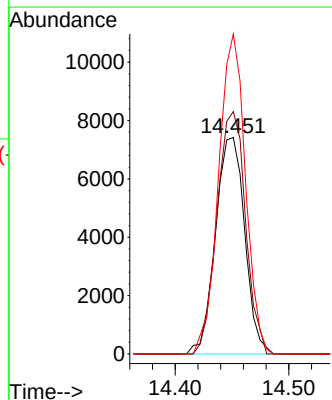
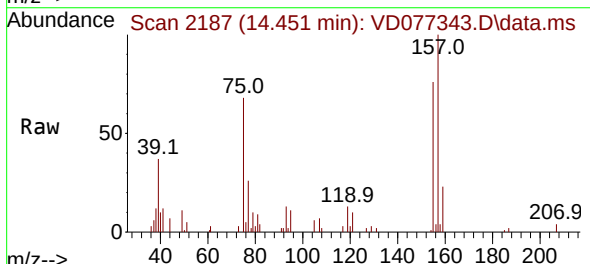
Manual Integrations
APPROVED

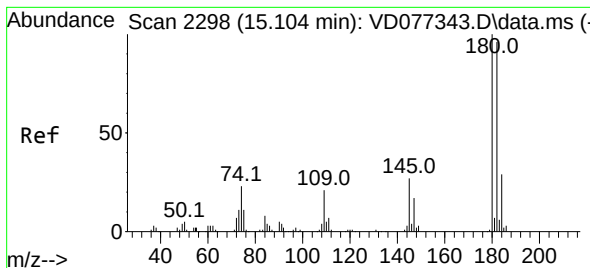
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.668 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

Tgt Ion: 75 Resp: 13246
Ion Ratio Lower Upper
75 100
155 109.4 47.9 143.8
157 135.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 50.709 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 160638

Ion Ratio Lower Upper

180 100

182 96.5 48.5 145.6

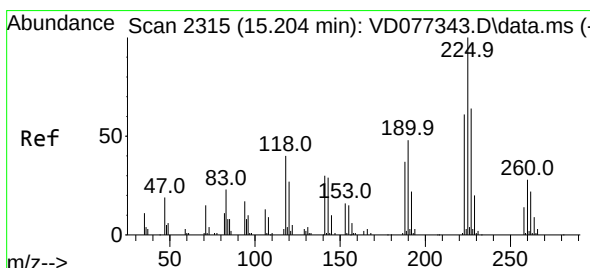
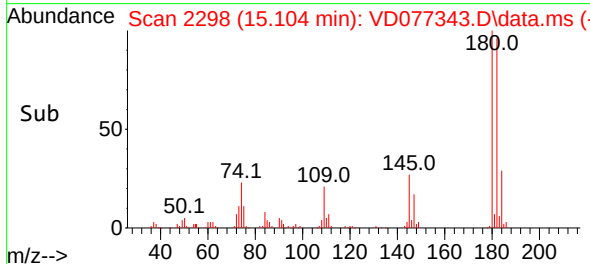
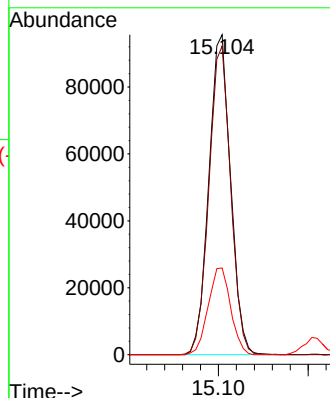
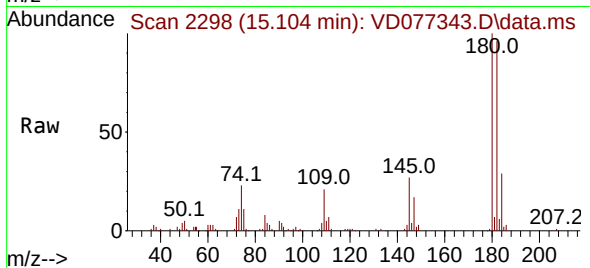
145 28.0 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#94

Hexachlorobutadiene

Concen: 48.858 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077343.D

Acq: 17 Oct 2023 16:28

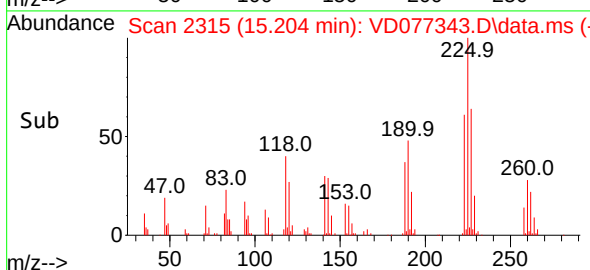
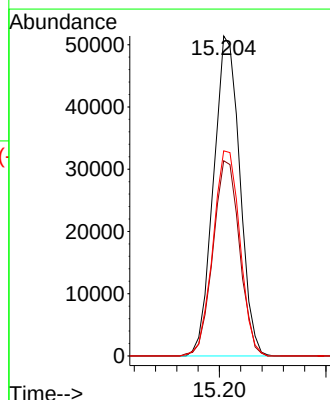
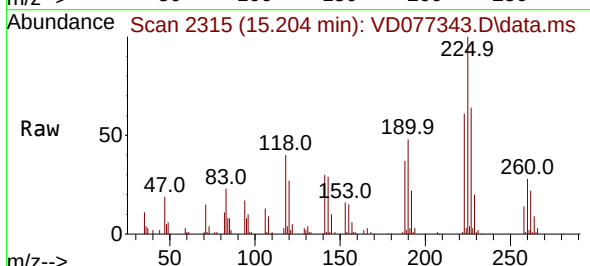
Tgt Ion:225 Resp: 87900

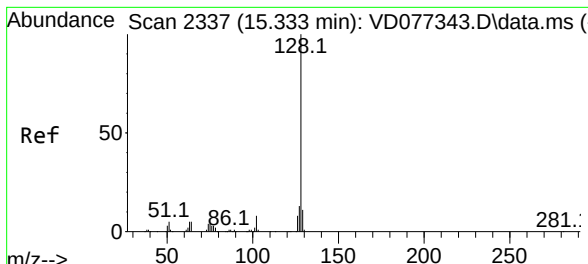
Ion Ratio Lower Upper

225 100

223 61.7 31.6 94.8

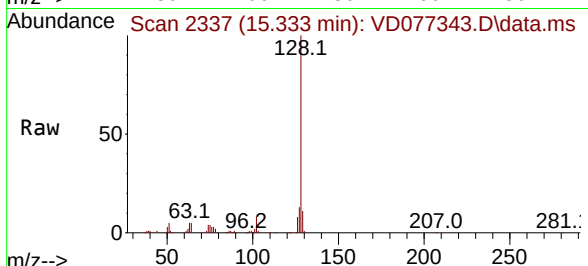
227 65.8 31.7 95.1





#95
Naphthalene
Concen: 51.492 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28

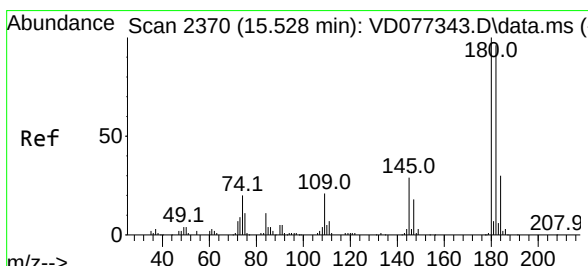
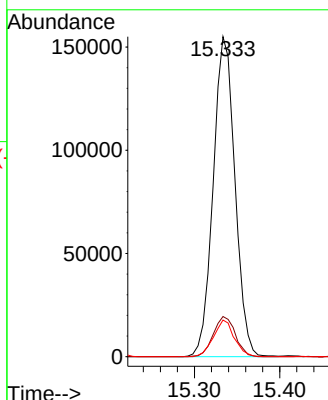
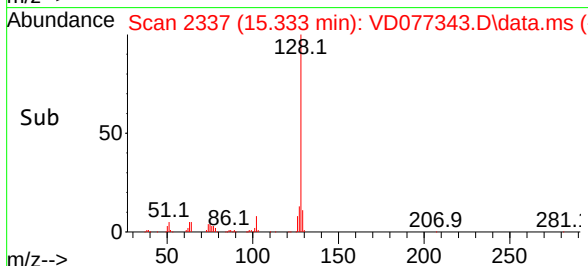
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



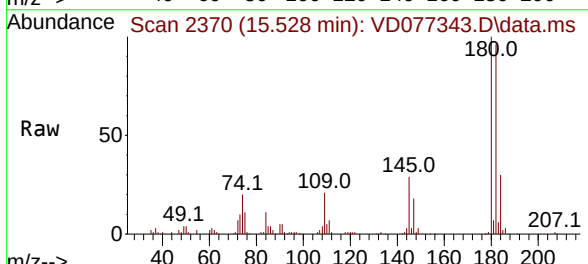
Tgt Ion:128 Resp: 275410
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.217 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD077343.D
Acq: 17 Oct 2023 16:28



Tgt Ion:180 Resp: 140826
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 29.3 15.1 45.3

