

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077854.D
 Acq On : 13 Dec 2023 11:36
 Operator : RP/MD
 Sample : VD1213SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023

Quant Time: Dec 14 01:50:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	123694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	214410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	194503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	103179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71523	49.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.140%		
35) Dibromofluoromethane	7.810	113	73883	49.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.380%		
50) Toluene-d8	10.269	98	302311	50.258	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.520%		
62) 4-Bromofluorobenzene	12.575	95	88821	49.389	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32161	20.814	ug/l	99
3) Chloromethane	2.152	50	49327	23.421	ug/l	100
4) Vinyl Chloride	2.287	62	63727	22.288	ug/l	91
5) Bromomethane	2.699	94	40397	25.179	ug/l	96
6) Chloroethane	2.846	64	42957	22.037	ug/l	98
7) Trichlorofluoromethane	3.181	101	57128	21.694	ug/l	92
8) Diethyl Ether	3.599	74	15408	20.838	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	33189	22.031	ug/l	98
10) Methyl Iodide	4.169	142	27511	24.769	ug/l #	90
11) Tert butyl alcohol	5.063	59	8069	108.583	ug/l #	81
12) 1,1-Dichloroethene	3.946	96	30827	20.733	ug/l #	71
13) Acrolein	3.805	56	14725	95.504	ug/l	97
14) Allyl chloride	4.575	41	43235	21.143	ug/l	92
15) Acrylonitrile	5.258	53	34590	109.257	ug/l	99
16) Acetone	4.028	43	46358	132.312	ug/l	87
17) Carbon Disulfide	4.281	76	104631	20.800	ug/l	97
18) Methyl Acetate	4.563	43	22780	19.845	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	66351	21.033	ug/l	95
20) Methylene Chloride	4.810	84	39366	19.888	ug/l #	83
21) trans-1,2-Dichloroethene	5.316	96	36308	21.559	ug/l #	75
22) Diisopropyl ether	6.222	45	89860	21.028	ug/l	93
23) Vinyl Acetate	6.163	43	213548m	102.331	ug/l	
24) 1,1-Dichloroethane	6.116	63	63938	22.094	ug/l	95
25) 2-Butanone	7.087	43	47394	109.873	ug/l	89
26) 2,2-Dichloropropane	7.081	77	50612	20.830	ug/l	98
27) cis-1,2-Dichloroethene	7.093	96	41741	23.034	ug/l	92
28) Bromochloromethane	7.434	49	24079	20.591	ug/l #	75
29) Tetrahydrofuran	7.452	42	23690	102.067	ug/l	86
30) Chloroform	7.599	83	63765	22.016	ug/l	91
31) Cyclohexane	7.881	56	55106	21.256	ug/l #	84
32) 1,1,1-Trichloroethane	7.799	97	56781	22.239	ug/l	97
36) 1,1-Dichloropropene	8.010	75	51136	21.286	ug/l	95
37) Ethyl Acetate	7.169	43	16642	17.766	ug/l #	73
38) Carbon Tetrachloride	7.999	117	49569	20.697	ug/l	88
39) Methylcyclohexane	9.281	83	59103	20.753	ug/l	90
40) Benzene	8.257	78	143928	21.109	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	8370	17.580	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	36659	20.742	ug/l	94
43) Isopropyl Acetate	8.369	43	33279	19.986	ug/l	93
44) Trichloroethene	9.034	130	37135	20.899	ug/l	90
45) 1,2-Dichloropropane	9.310	63	36559	22.057	ug/l	97
46) Dibromomethane	9.404	93	18081	20.617	ug/l	94
47) Bromodichloromethane	9.587	83	46656	20.989	ug/l #	94
48) Methyl methacrylate	9.381	41	19811	20.930	ug/l #	74
49) 1,4-Dioxane	9.393	88	3289	377.680	ug/l #	75
51) 4-Methyl-2-Pentanone	10.163	43	86026	101.229	ug/l	88
52) Toluene	10.334	92	91380	21.606	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	44660	20.921	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	54234	21.014	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	26223	21.860	ug/l #	93
56) Ethyl methacrylate	10.598	69	20788	19.658	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	42140	20.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	63144	104.705	ug/l	95
59) 2-Hexanone	10.922	43	73788	104.656	ug/l	91
60) Dibromochloromethane	11.075	129	31095	21.529	ug/l	97
61) 1,2-Dibromoethane	11.181	107	23229	20.571	ug/l	98
64) Tetrachloroethene	10.816	164	29425	20.583	ug/l	96
65) Chlorobenzene	11.610	112	94141	19.395	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	33542	20.738	ug/l	97
67) Ethyl Benzene	11.687	91	170679	21.077	ug/l	95
68) m/p-Xylenes	11.792	106	132355	42.731	ug/l	91
69) o-Xylene	12.122	106	60143	21.068	ug/l	93
70) Styrene	12.134	104	88630	20.880	ug/l	92
71) Bromoform	12.298	173	16995	20.110	ug/l #	98
73) Isopropylbenzene	12.422	105	161515	20.654	ug/l	96
74) N-amyl acetate	12.234	43	29456	19.162	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	27189	19.940	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	19869m	22.172	ug/l	
77) Bromobenzene	12.704	156	36632	19.915	ug/l	90
78) n-propylbenzene	12.763	91	197557	20.732	ug/l	95
79) 2-Chlorotoluene	12.851	91	104713	20.505	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	132576	20.327	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	8796	19.887	ug/l #	83
82) 4-Chlorotoluene	12.951	91	113123	21.189	ug/l	95
83) tert-Butylbenzene	13.169	119	112646	20.458	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	134661	20.643	ug/l	96
85) sec-Butylbenzene	13.345	105	170489	20.947	ug/l	96
86) p-Isopropyltoluene	13.463	119	149542	20.521	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	77056	20.485	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	76348	19.351	ug/l	97
89) n-Butylbenzene	13.786	91	142453	20.775	ug/l	98
90) Hexachloroethane	14.057	117	29121	21.730	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	66703	20.851	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4345	21.438	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	40422	18.498	ug/l	97
94) Hexachlorobutadiene	15.204	225	21876	18.565	ug/l	93
95) Naphthalene	15.333	128	70627	19.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	34446	19.121	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 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

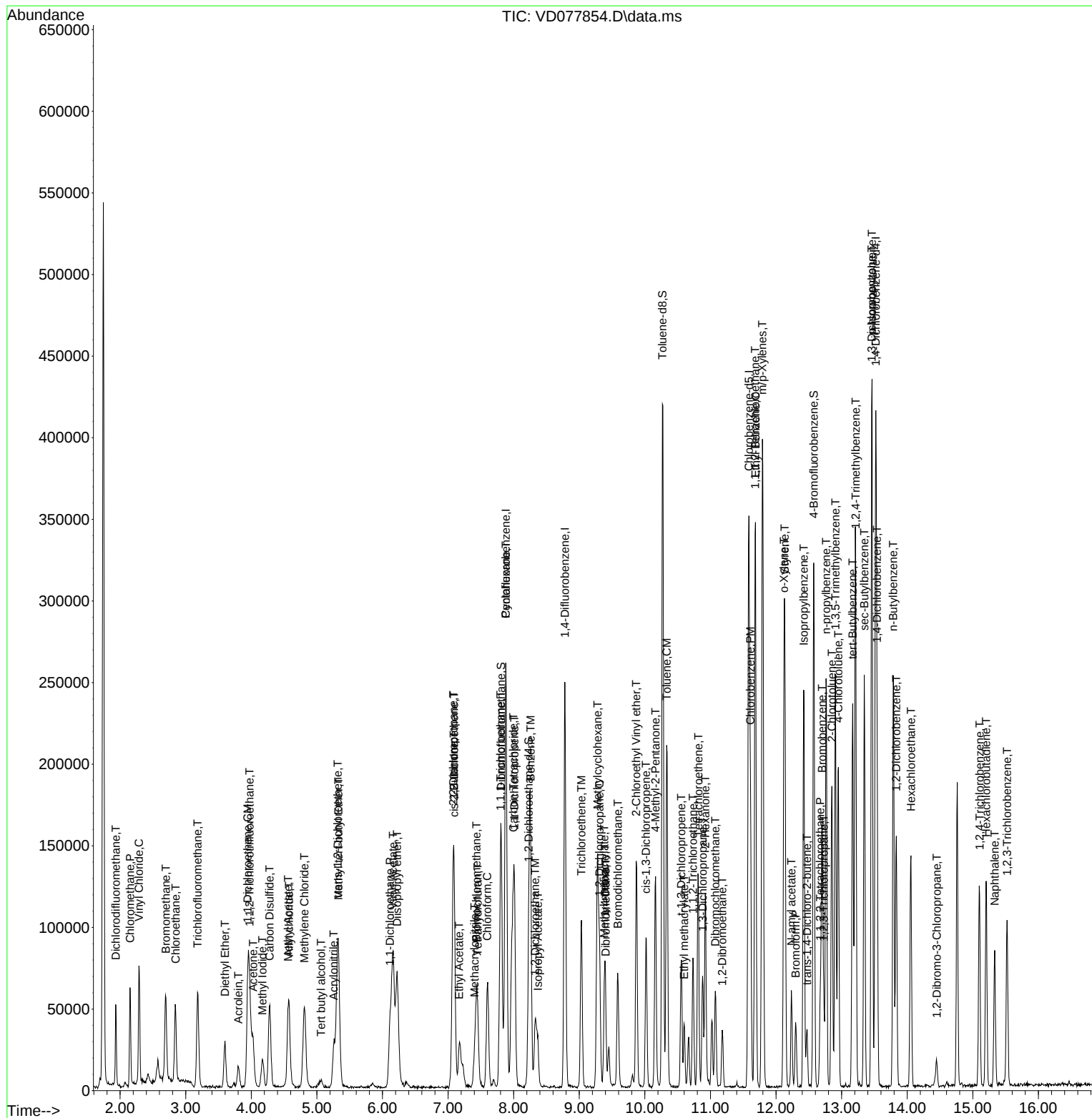
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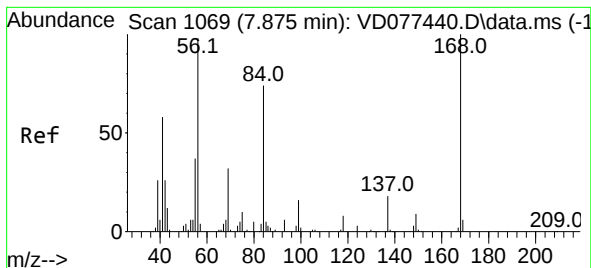
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077854.D

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Instrument :

MSVOA_D

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VD1213SBS01

Tgt Ion:168 Resp: 123694

Ion Ratio Lower Upper

168 100

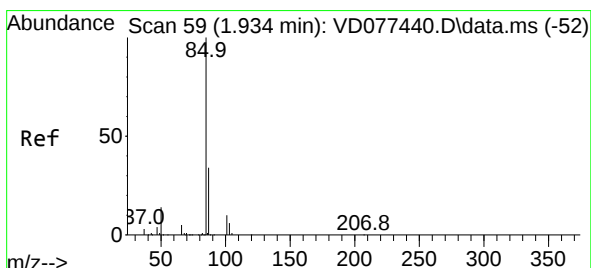
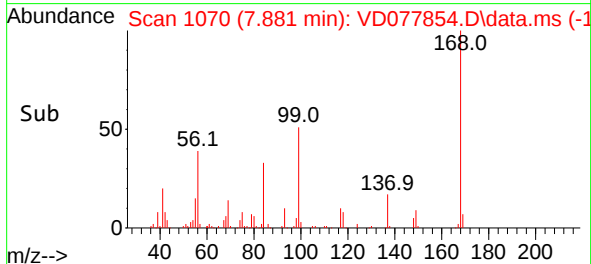
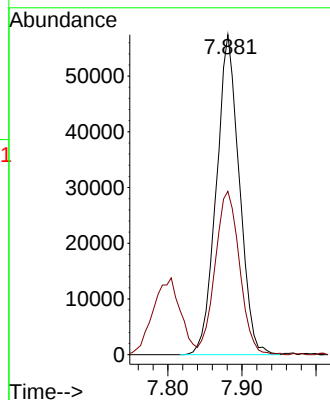
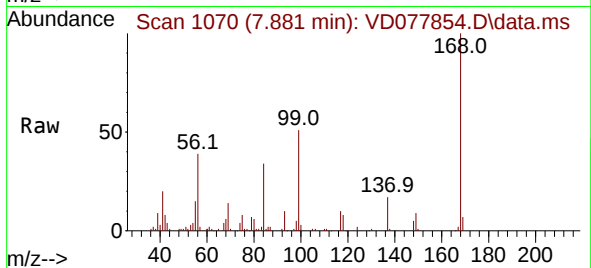
99 50.6 36.7 55.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.814 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077854.D

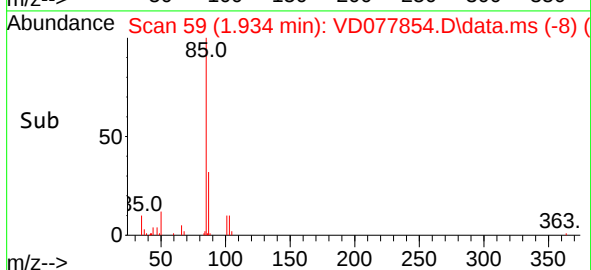
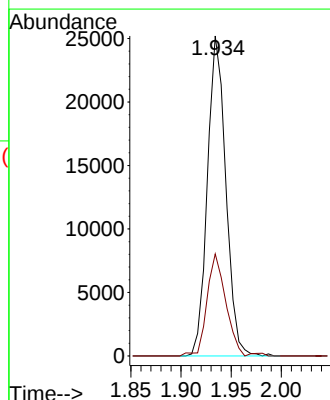
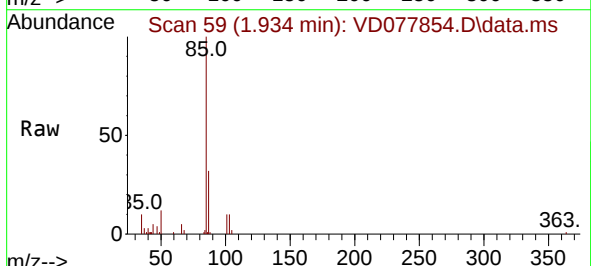
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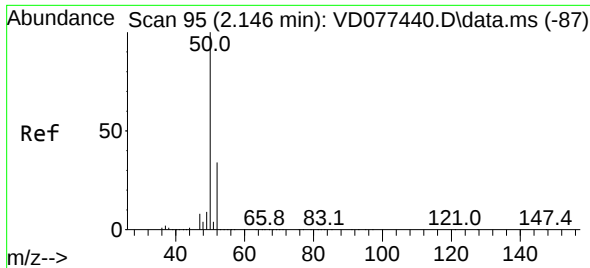
Tgt Ion: 85 Resp: 32161

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.0





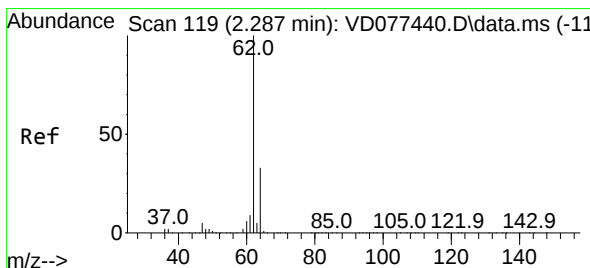
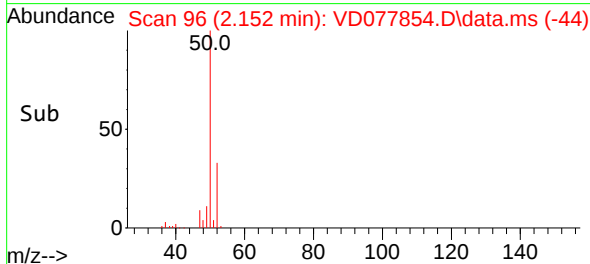
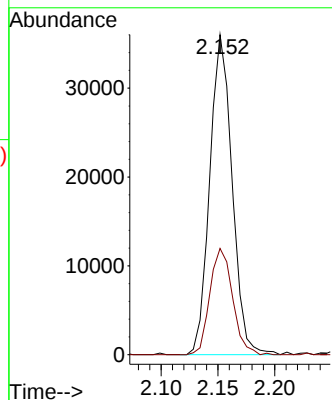
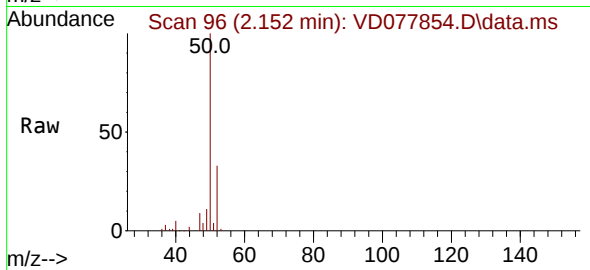
#3
Chloromethane
Concen: 23.421 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 50 Resp: 4932
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

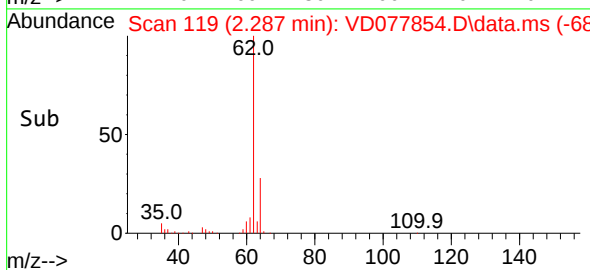
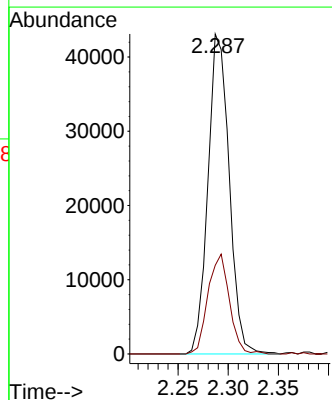
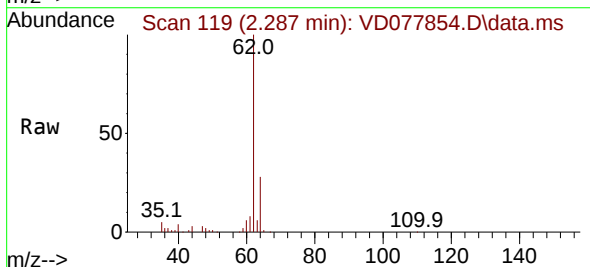
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#4
Vinyl Chloride
Concen: 22.288 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

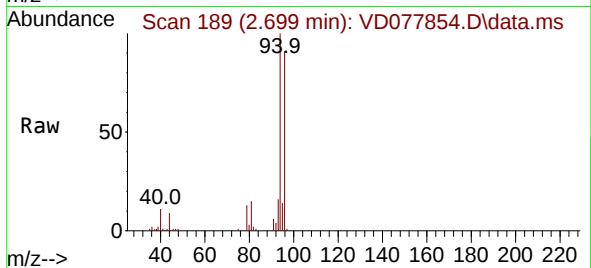
Tgt Ion: 62 Resp: 63727
Ion Ratio Lower Upper
62 100
64 27.7 26.0 39.0





#5
Bromomethane
Concen: 25.179 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

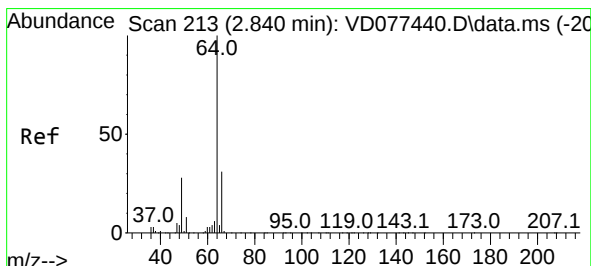
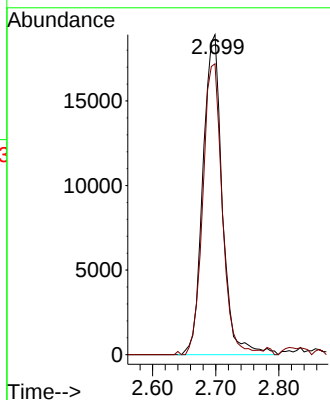
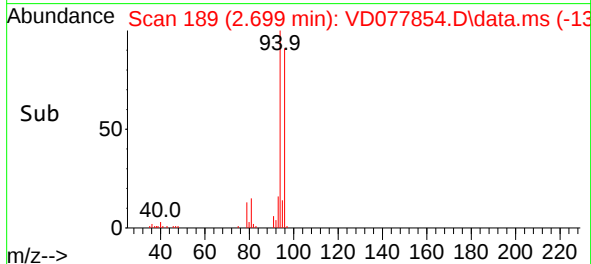
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 4039
Ion Ratio Lower Upper
94 100
96 90.7 75.8 113.8

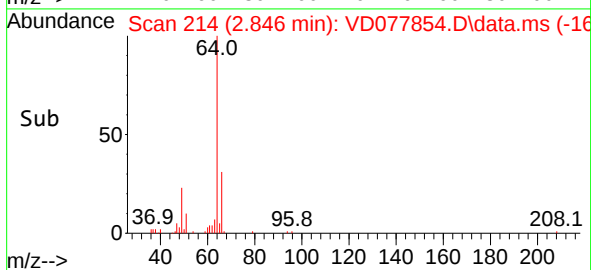
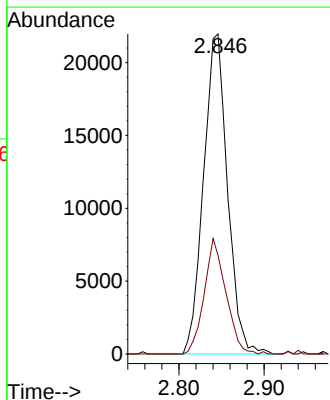
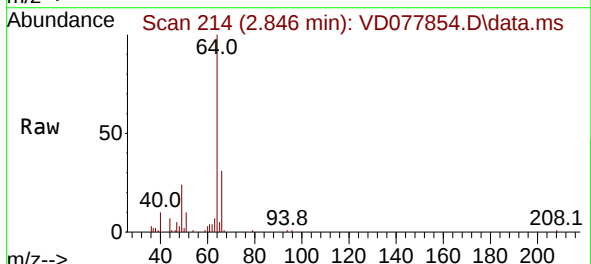
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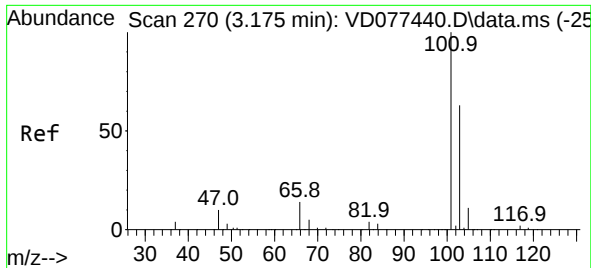
Reviewed By :Mahesh Dadoda 12/14/2023
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#6
Chloroethane
Concen: 22.037 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Tgt Ion: 64 Resp: 42957
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3





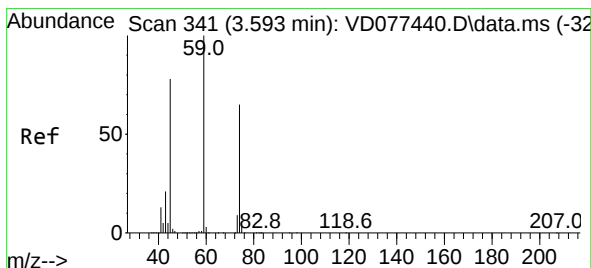
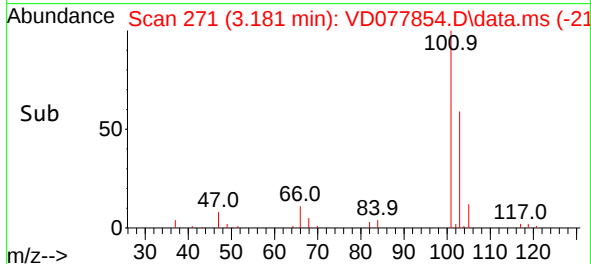
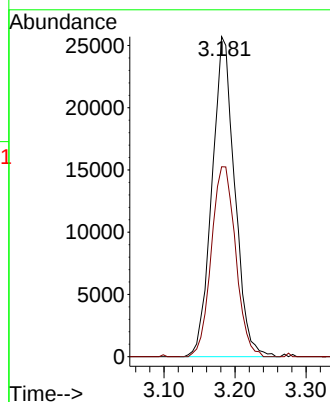
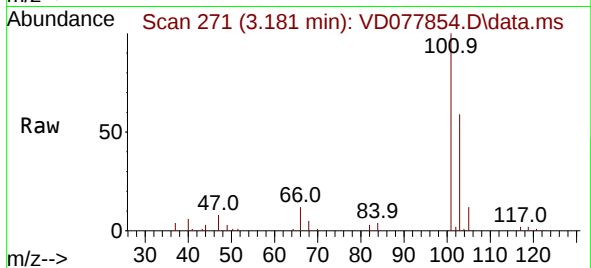
#7
Trichlorofluoromethane
Concen: 21.694 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 57128
Ion Ratio Lower Upper
101 100
103 59.3 52.3 78.5

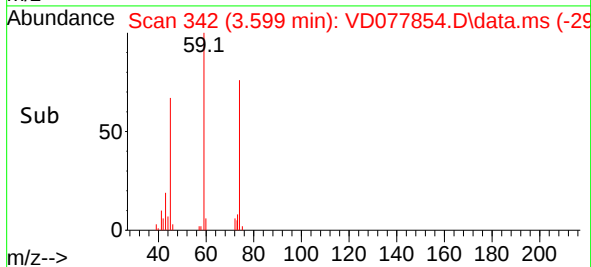
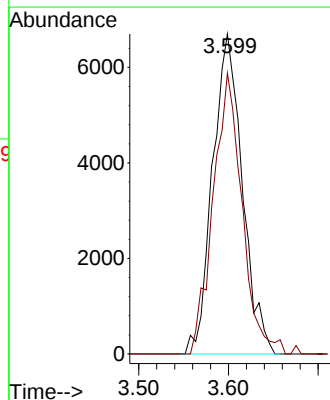
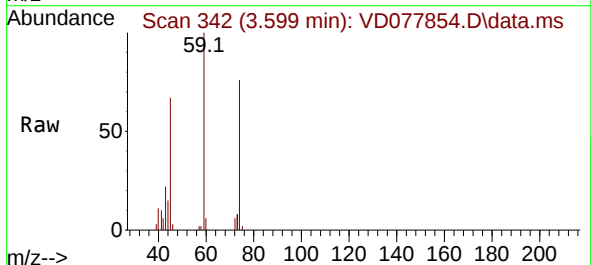
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#8
Diethyl Ether
Concen: 20.838 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Tgt Ion: 74 Resp: 15408
Ion Ratio Lower Upper
74 100
45 85.2 37.5 112.7





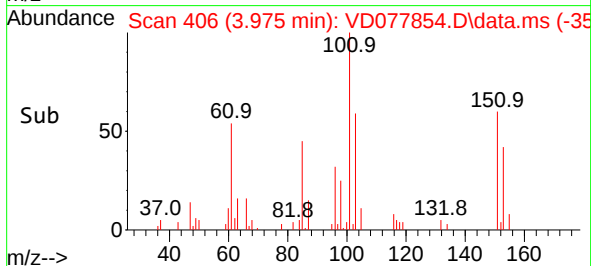
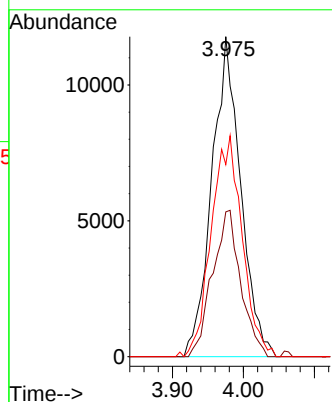
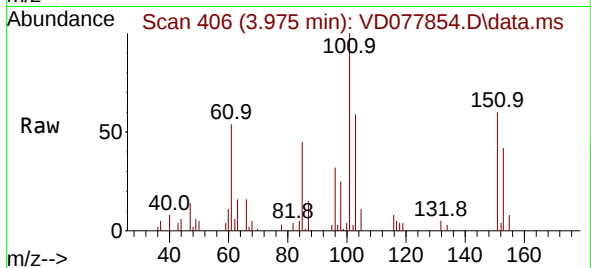
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.031 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:101 Resp: 33189
Ion Ratio Lower Upper
101 100
85 44.8 33.8 50.6
151 74.0 59.8 89.6

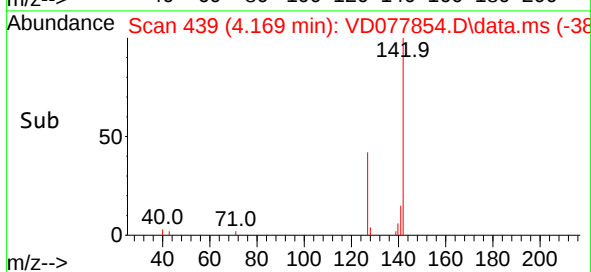
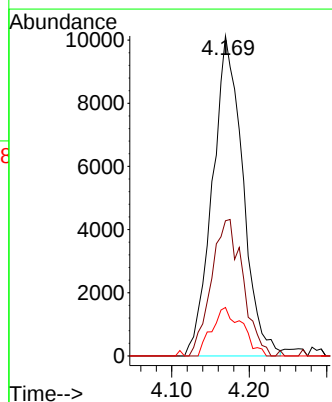
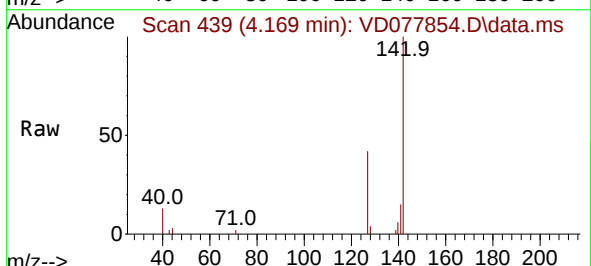
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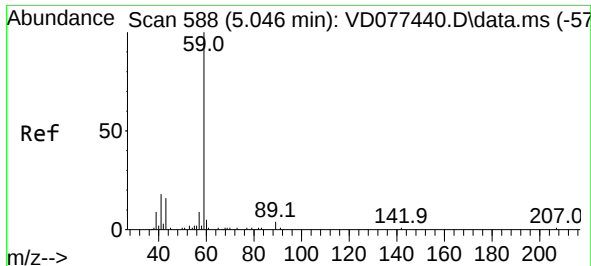
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#10
Methyl Iodide
Concen: 24.769 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

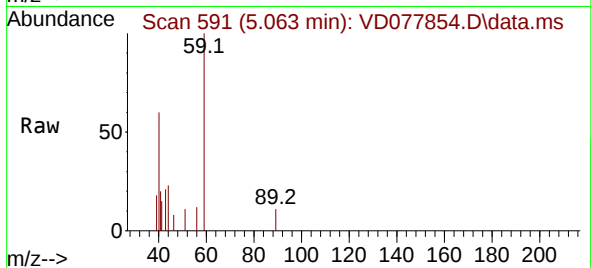
Tgt Ion:142 Resp: 27511
Ion Ratio Lower Upper
142 100
127 44.5 29.4 44.0#
141 15.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 108.583 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

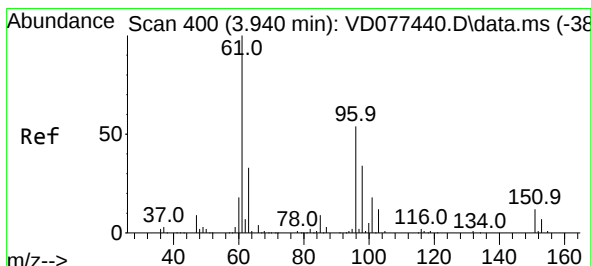
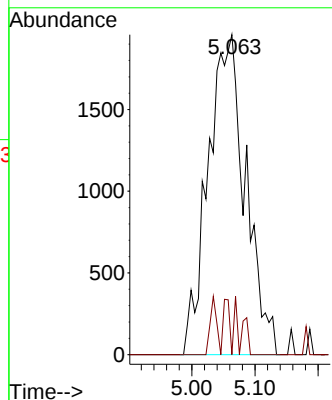
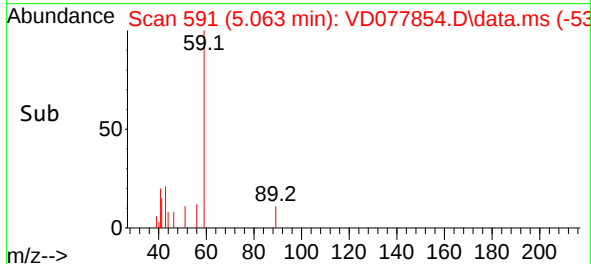
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



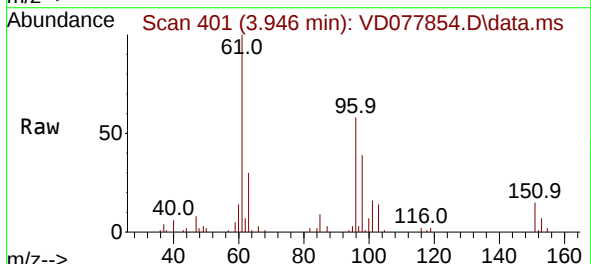
Tgt Ion: 59 Resp: 8069
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.8

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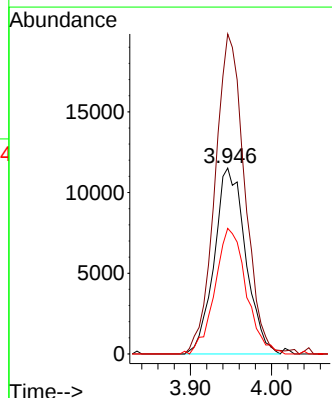
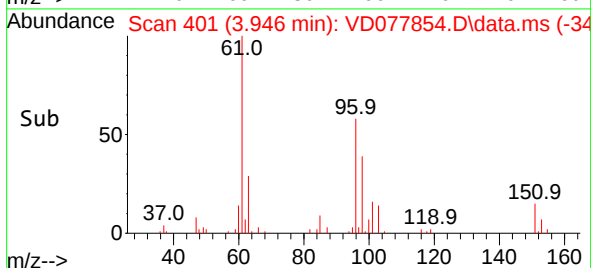
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

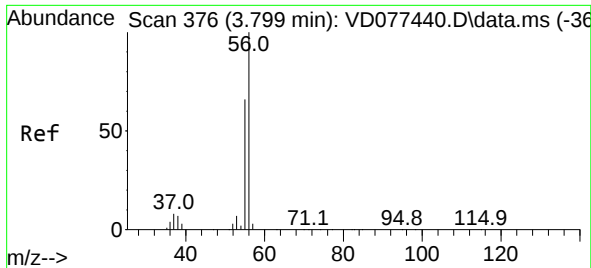


#12
1,1-Dichloroethene
Concen: 20.733 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



Tgt Ion: 96 Resp: 30827
Ion Ratio Lower Upper
96 100
61 172.1 100.6 150.8#
98 67.6 50.2 75.2





#13

Acrolein

Concen: 95.504 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 56 Resp: 14725

Ion Ratio Lower Upper

56 100

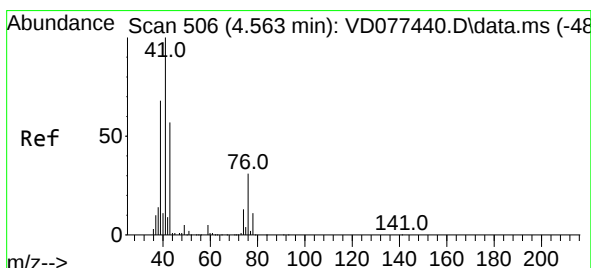
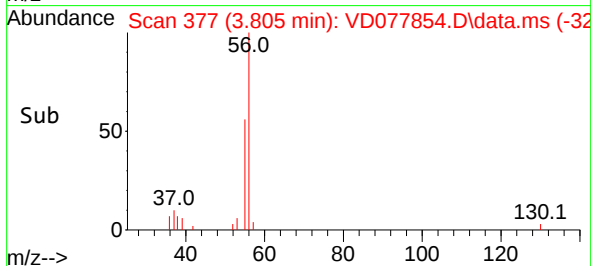
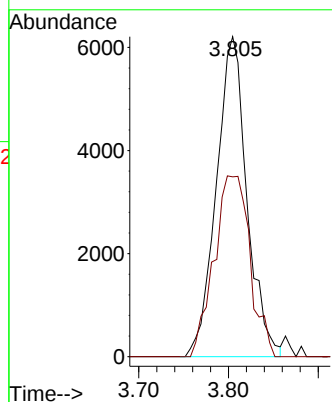
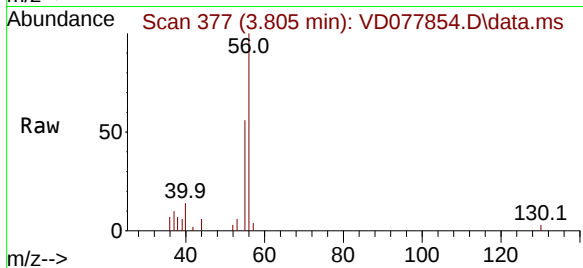
55 66.1 55.1 82.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#14

Allyl chloride

Concen: 21.143 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.012 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

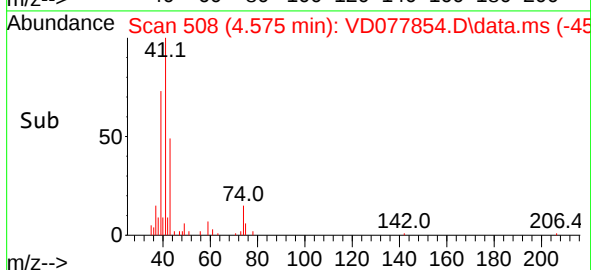
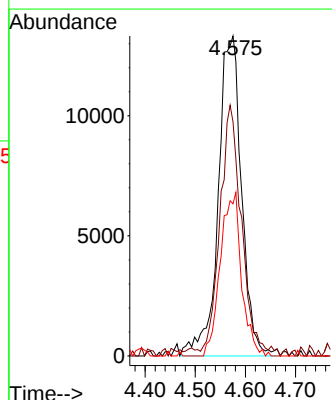
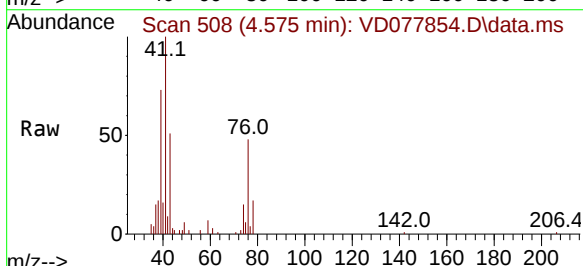
Tgt Ion: 41 Resp: 43235

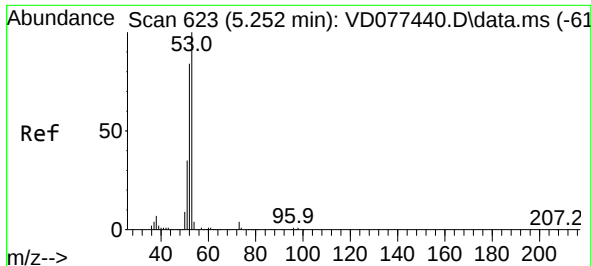
Ion Ratio Lower Upper

41 100

39 68.4 53.8 80.6

76 46.1 45.8 68.8





#15

Acrylonitrile

Concen: 109.257 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

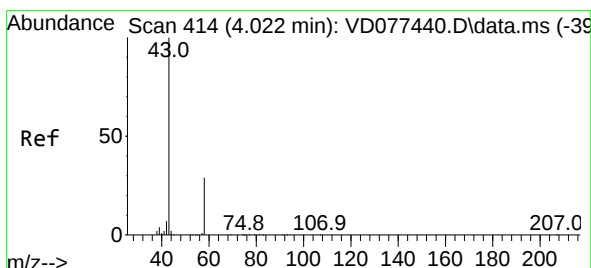
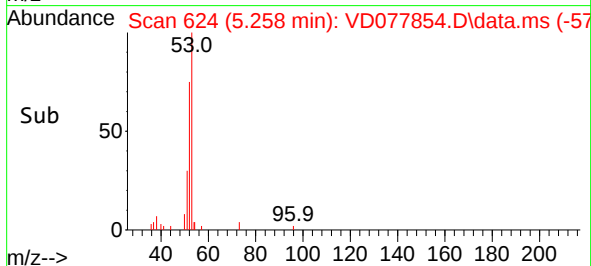
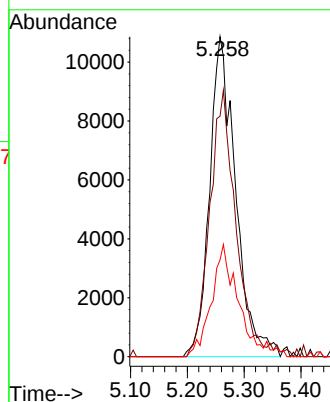
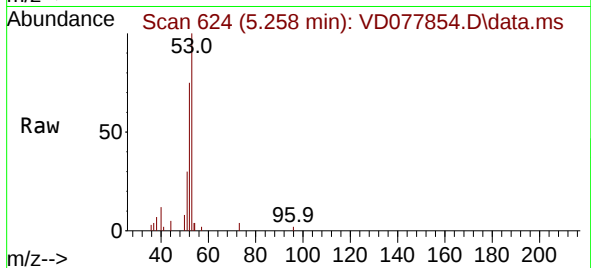
VD1213SBS01

Tgt Ion: 53	Resp: 34590
Ion Ratio	Lower Upper
53 100	
52 82.3	65.0 97.4
51 36.6	28.3 42.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#16

Acetone

Concen: 132.312 ug/l

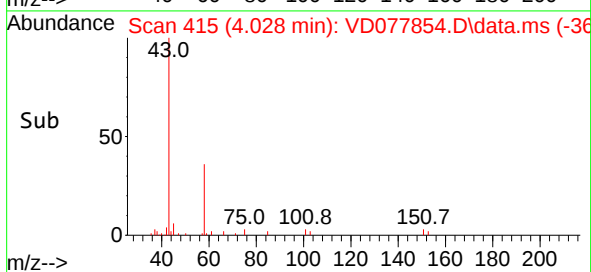
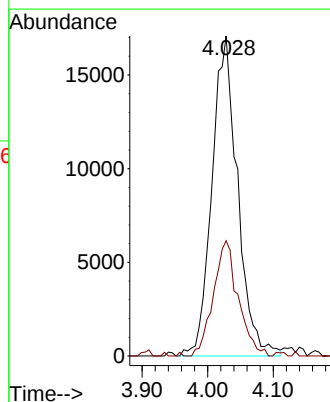
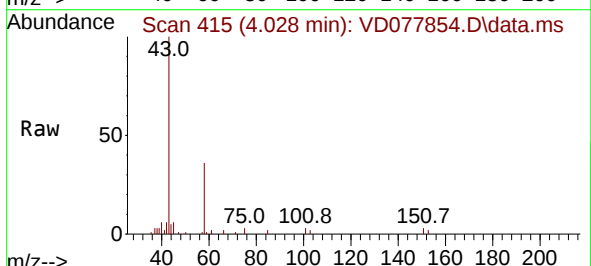
RT: 4.028 min Scan# 415

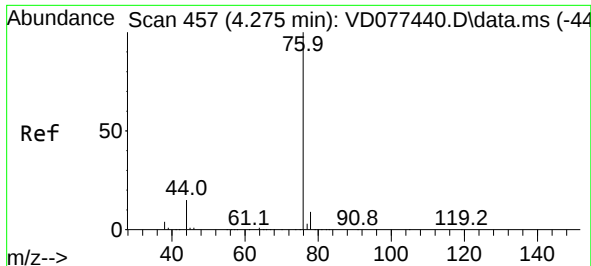
Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Tgt Ion: 43	Resp: 46358
Ion Ratio	Lower Upper
43 100	
58 35.0	34.7 52.1





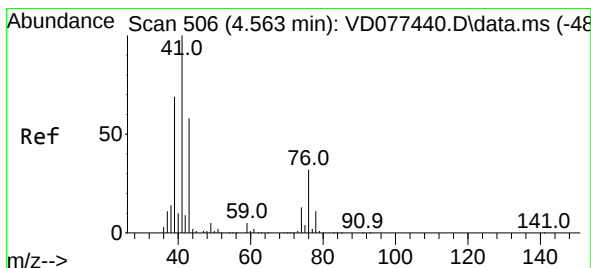
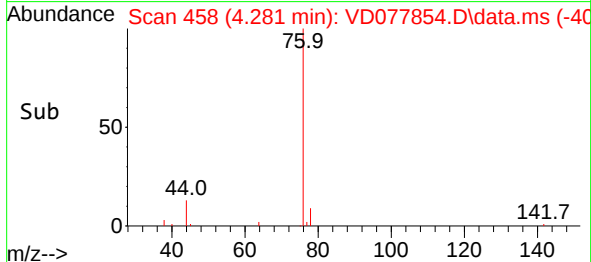
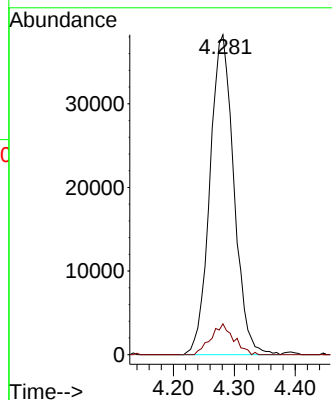
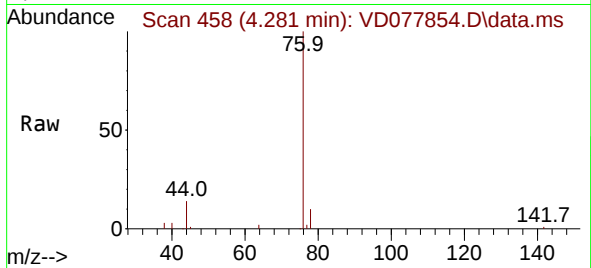
#17
Carbon Disulfide
Concen: 20.800 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 76 Resp: 10463
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

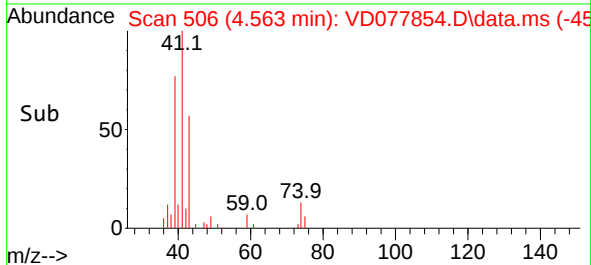
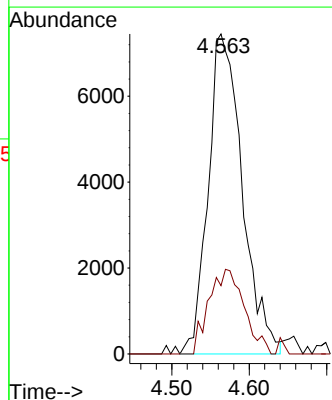
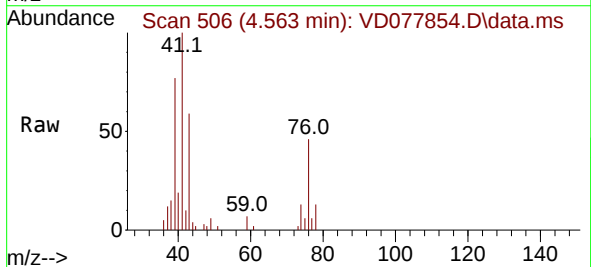
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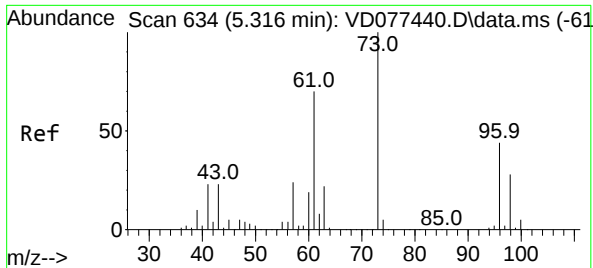
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#18
Methyl Acetate
Concen: 19.845 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Tgt Ion: 43 Resp: 22780
Ion Ratio Lower Upper
43 100
74 27.4 26.4 39.6





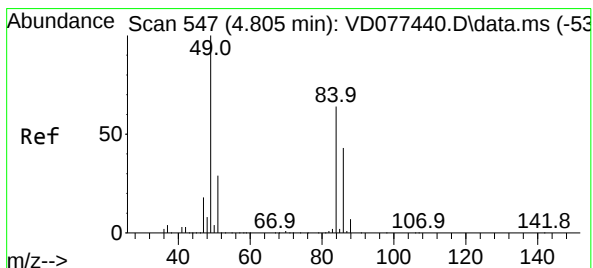
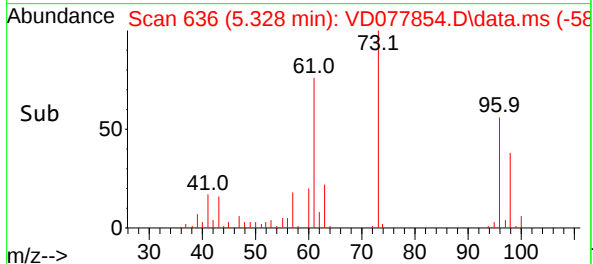
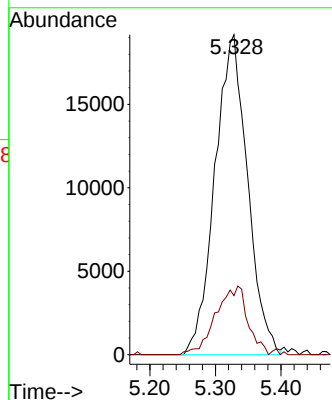
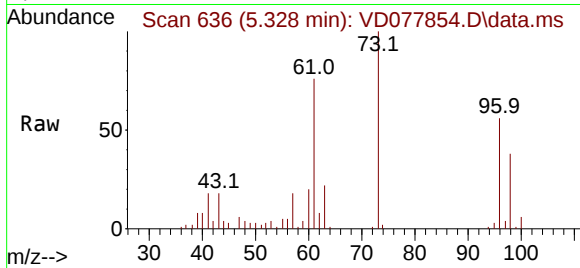
#19
Methyl tert-butyl Ether
Concen: 21.033 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 73 Resp: 6635
Ion Ratio Lower Upper
73 100
57 18.4 16.6 25.0

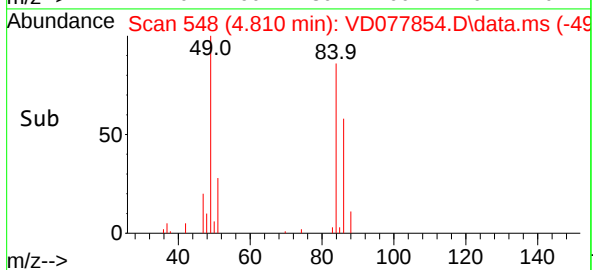
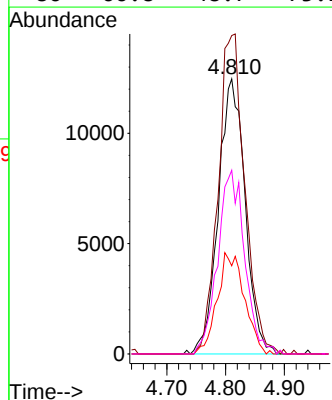
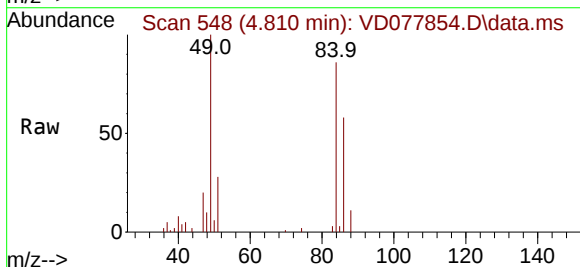
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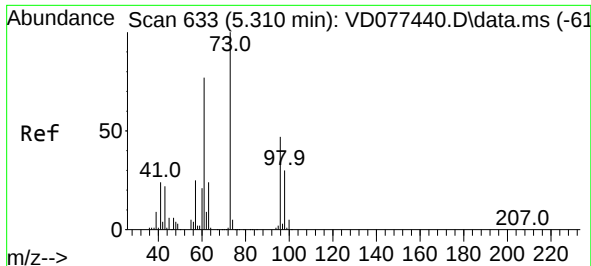
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#20
Methylene Chloride
Concen: 19.888 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

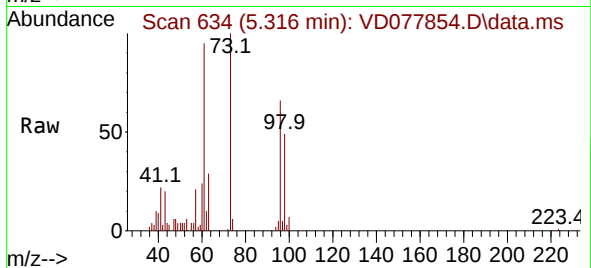
Tgt Ion: 84 Resp: 39366
Ion Ratio Lower Upper
84 100
49 115.8 71.4 107.2#
51 32.1 24.5 36.7
86 66.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.559 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

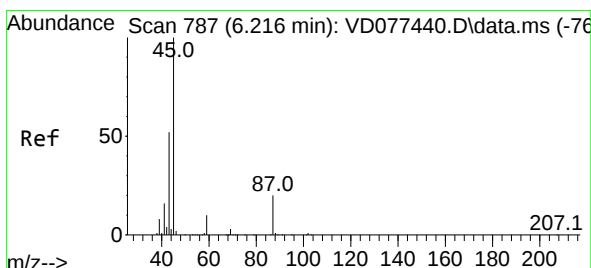
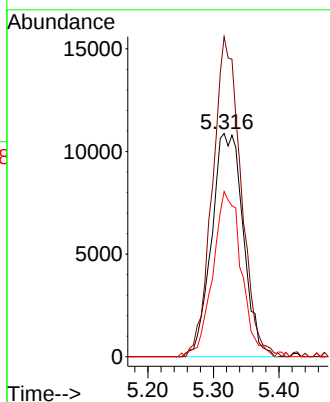
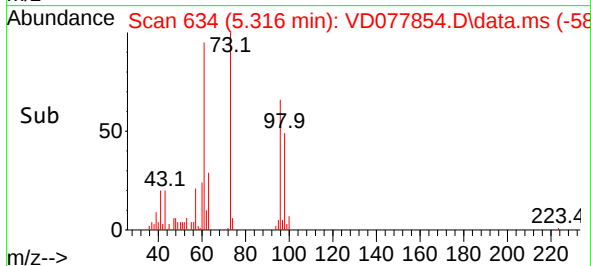
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



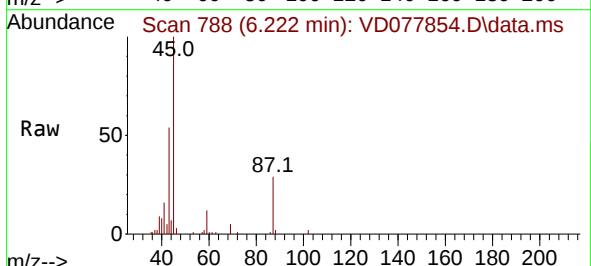
Tgt Ion: 96 Resp: 36308
Ion Ratio Lower Upper
96 100
61 143.4 89.3 133.9
98 74.0 48.6 73.0

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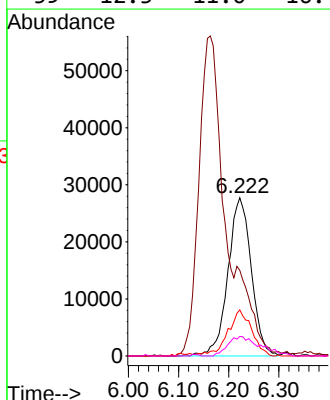
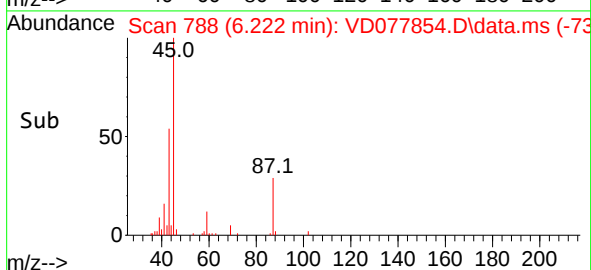
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

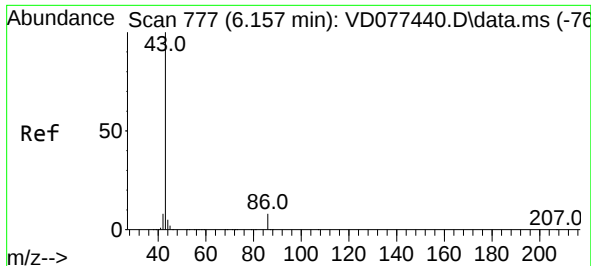


#22
Diisopropyl ether
Concen: 21.028 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



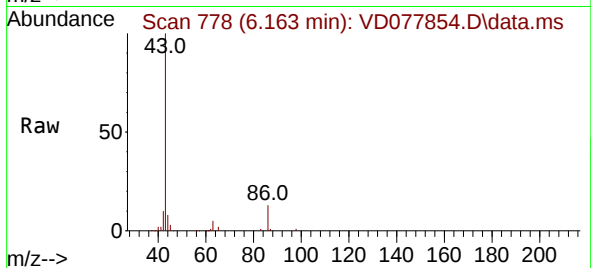
Tgt Ion: 45 Resp: 89860
Ion Ratio Lower Upper
45 100
43 53.0 40.0 60.0
87 28.6 28.2 42.4
59 12.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 102.331 ug/l m
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077854.D
 Acq: 13 Dec 2023 11:36

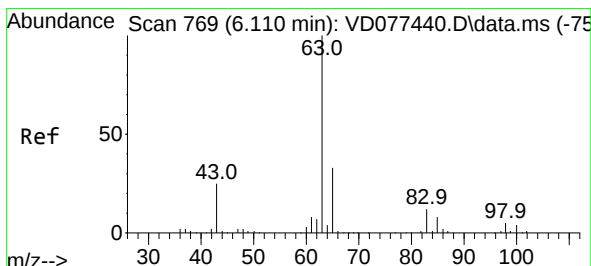
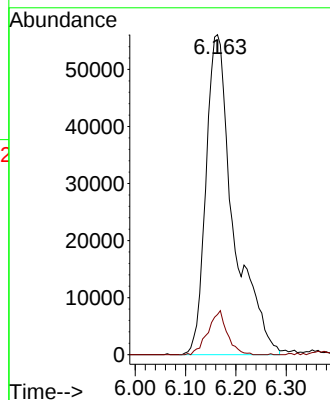
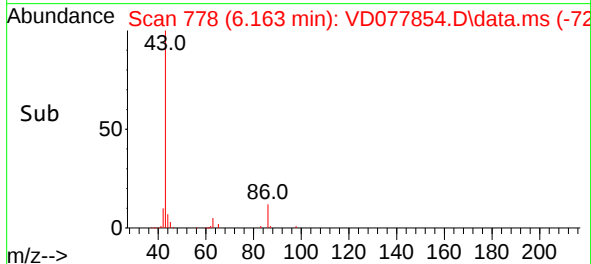
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01



Tgt Ion: 43 Resp: 21354
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7

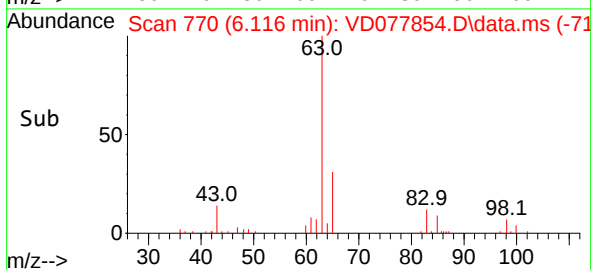
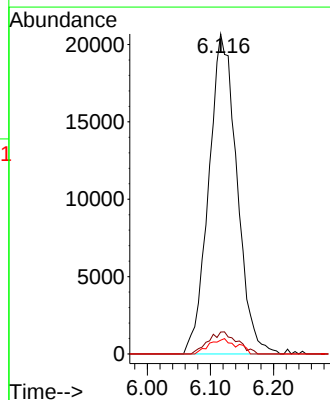
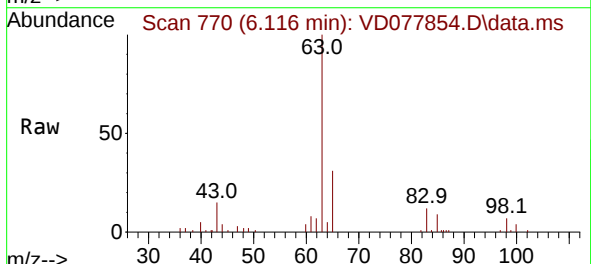
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 22.094 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077854.D
 Acq: 13 Dec 2023 11:36

Tgt Ion: 63 Resp: 63938
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 4.3 2.5 7.5





#25

2-Butanone

Concen: 109.873 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 43 Resp: 47394

Ion Ratio Lower Upper

43 100

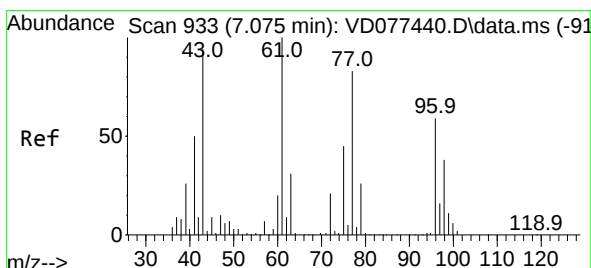
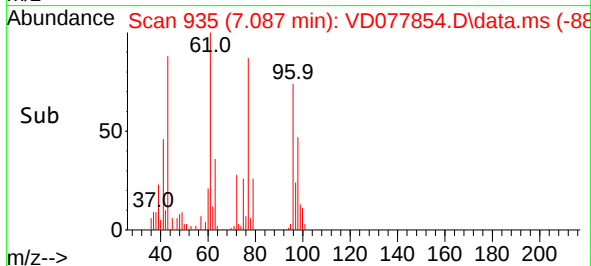
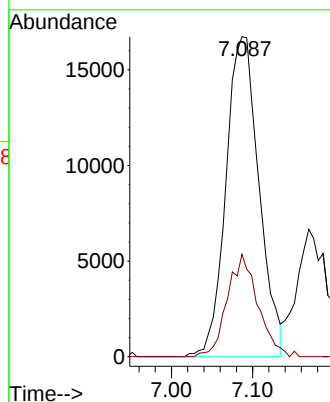
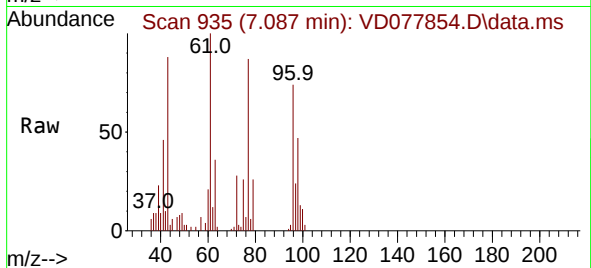
72 32.0 30.7 46.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#26

2,2-Dichloropropane

Concen: 20.830 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077854.D

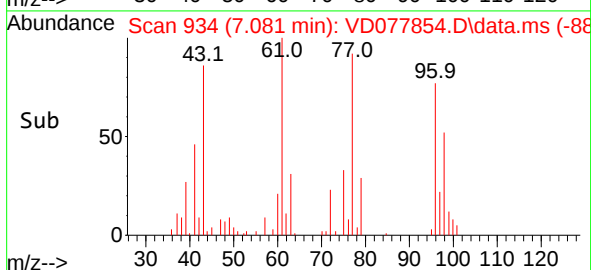
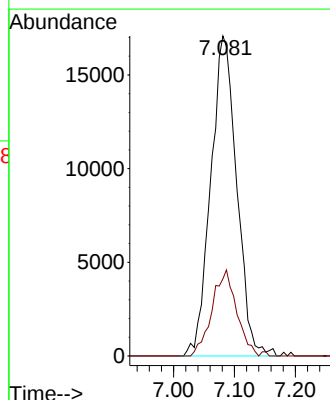
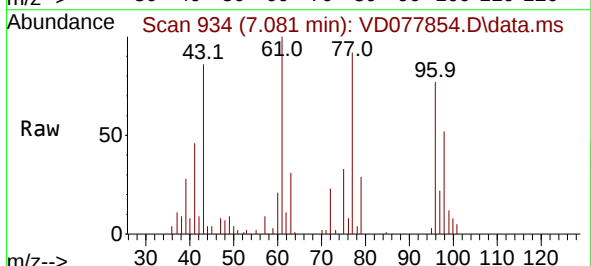
Acq: 13 Dec 2023 11:36

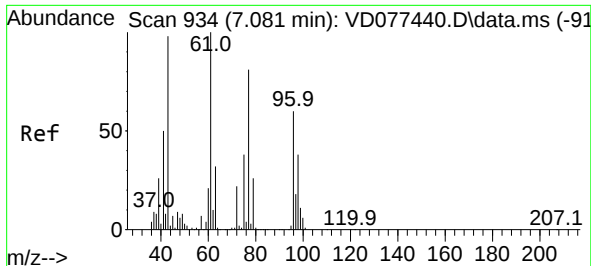
Tgt Ion: 77 Resp: 50612

Ion Ratio Lower Upper

77 100

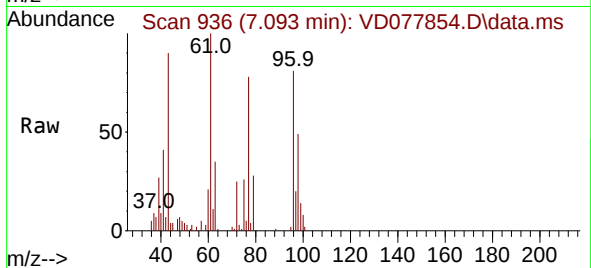
97 25.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 23.034 ug/l
 RT: 7.093 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD077854.D
 Acq: 13 Dec 2023 11:36

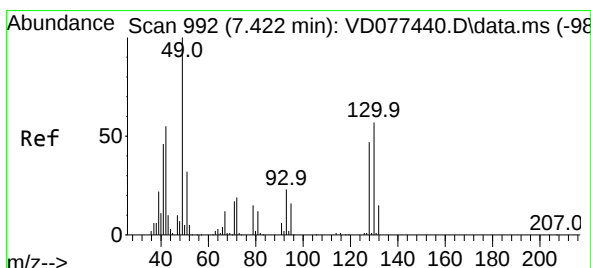
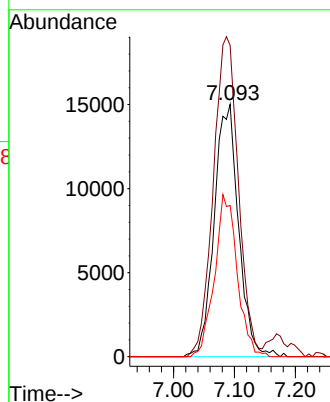
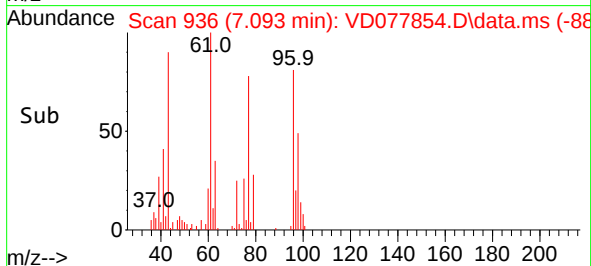
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01



Tgt Ion: 96 Resp: 4174
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 239.2
 98 59.7 0.0 128.6

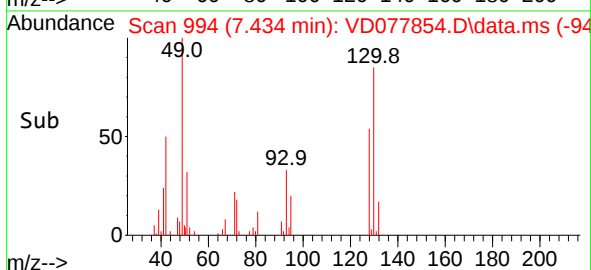
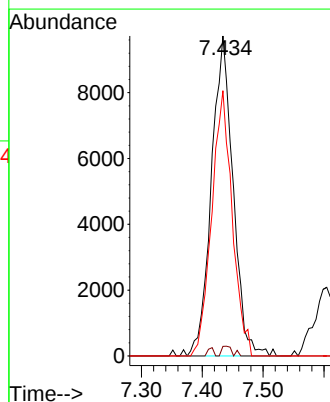
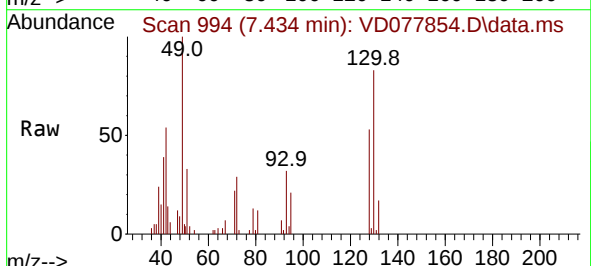
Manual Integrations
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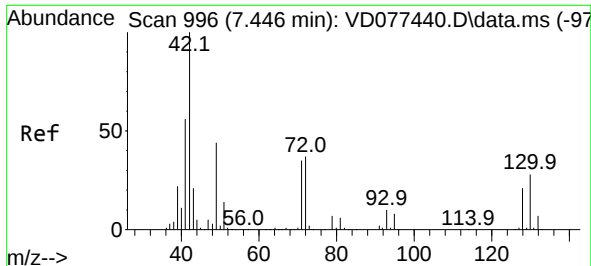
Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023



#28
 Bromochloromethane
 Concen: 20.591 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077854.D
 Acq: 13 Dec 2023 11:36

Tgt Ion: 49 Resp: 24079
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 6.0
 130 78.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 102.067 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

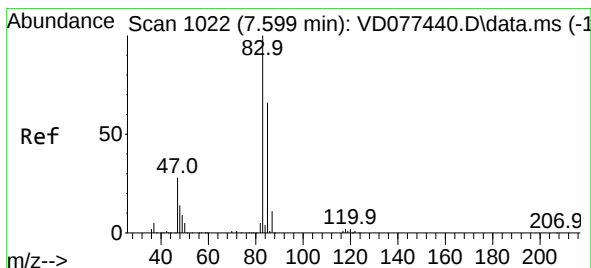
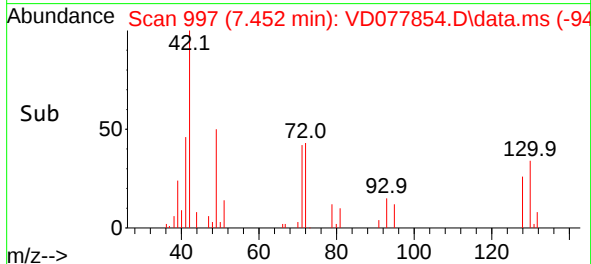
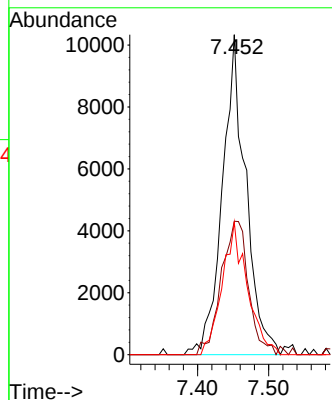
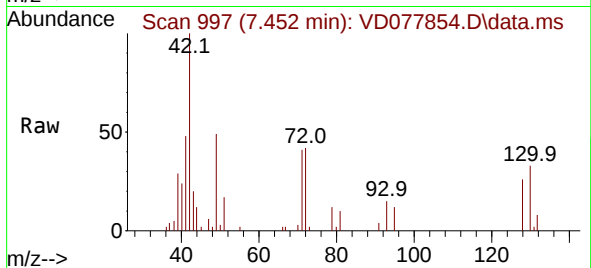
VD1213SBS01

Tgt Ion:	42	Resp:	23690
Ion Ratio	Lower	Upper	
42	100		
72	48.6	46.5	69.7
71	44.5	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#30

Chloroform

Concen: 22.016 ug/l

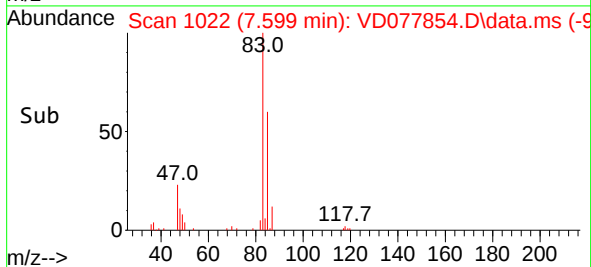
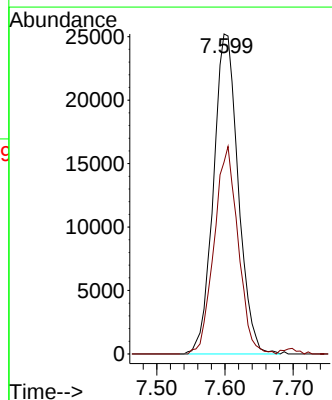
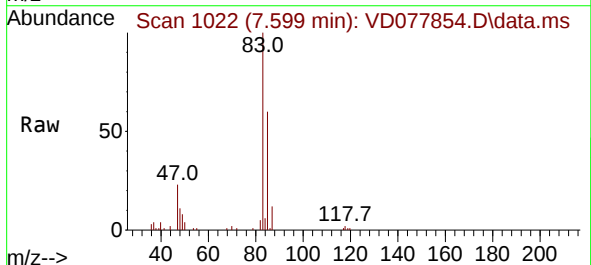
RT: 7.599 min Scan# 1022

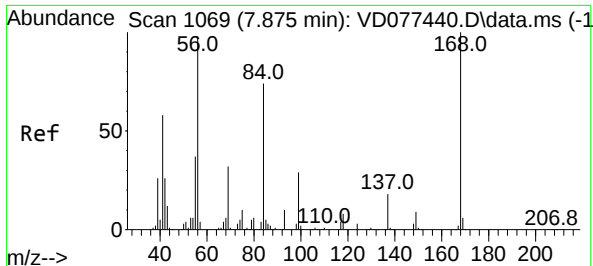
Delta R.T. -0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

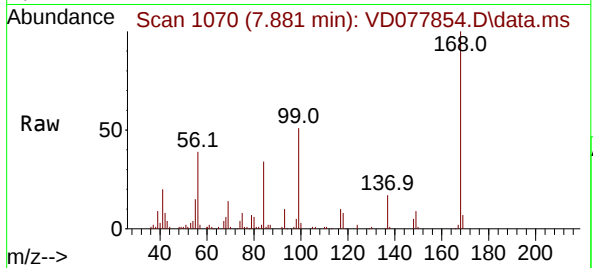
Tgt Ion:	83	Resp:	63765
Ion Ratio	Lower	Upper	
83	100		
85	60.0	53.4	80.2





#31
Cyclohexane
Concen: 21.256 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

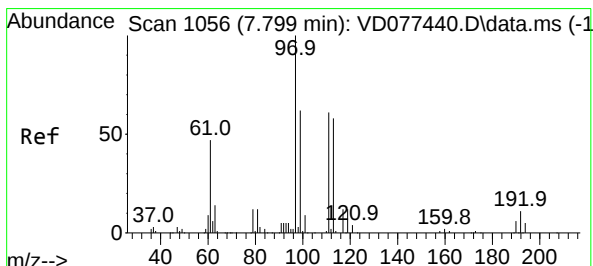
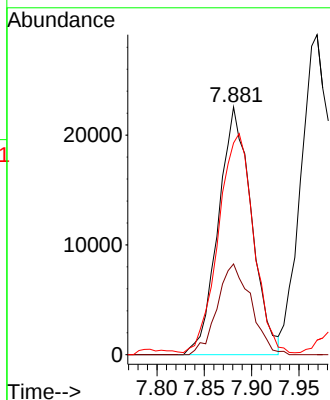
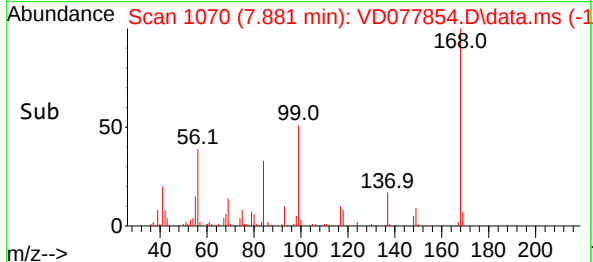
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 56 Resp: 55100
Ion Ratio Lower Upper
56 100
69 36.6 28.6 43.0
84 84.4 84.8 127.2

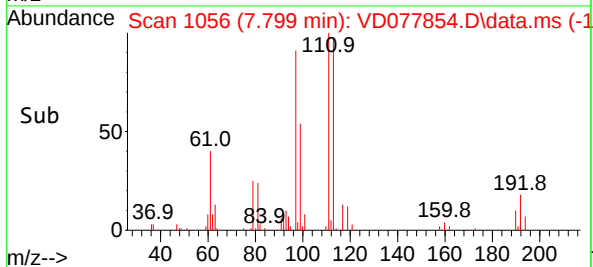
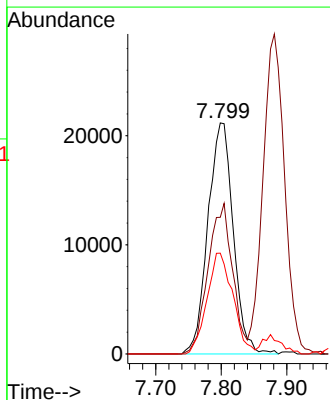
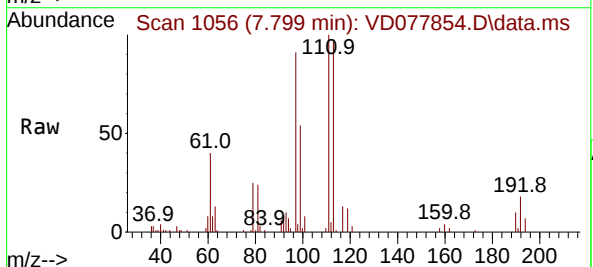
Manual Integrations
APPROVED

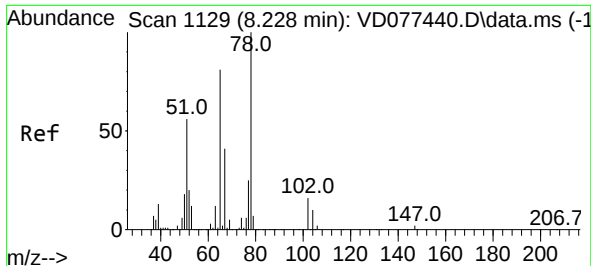
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#32
1,1,1-Trichloroethane
Concen: 22.239 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Tgt Ion: 97 Resp: 56781
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.071 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 65 Resp: 7152

Ion Ratio Lower Upper

65 100

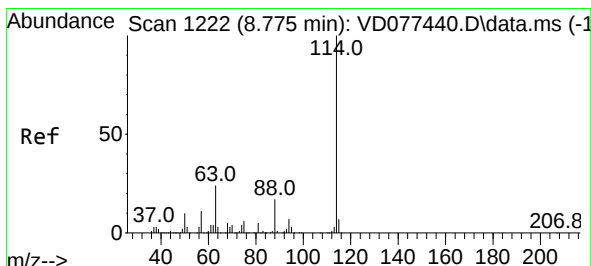
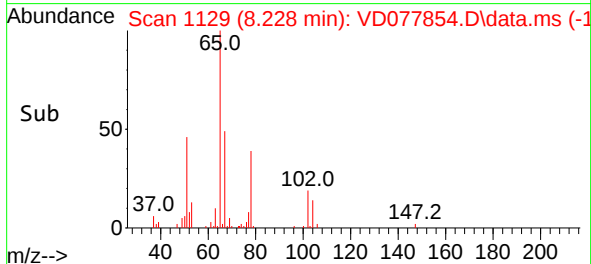
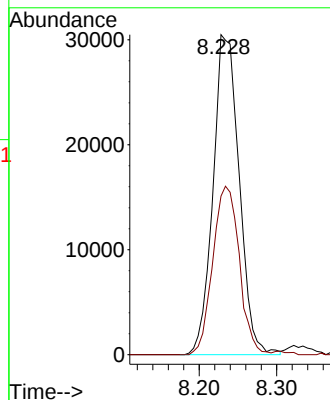
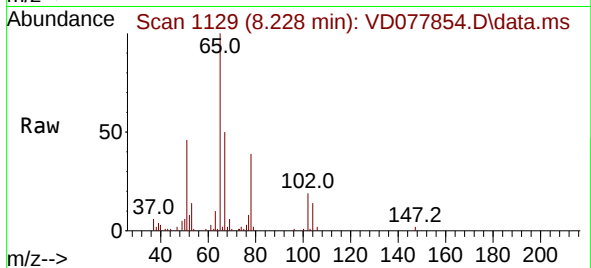
67 53.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

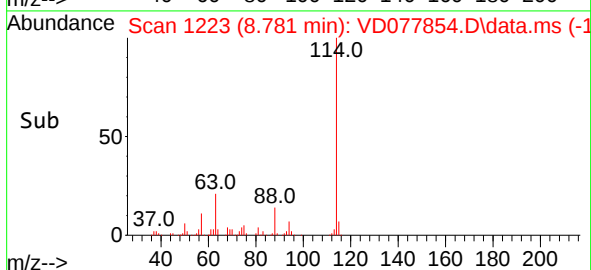
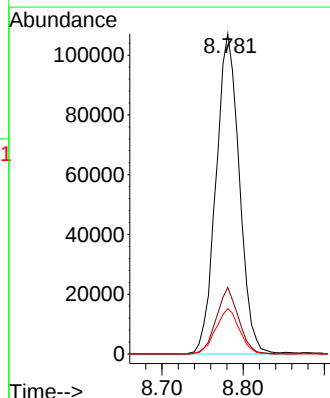
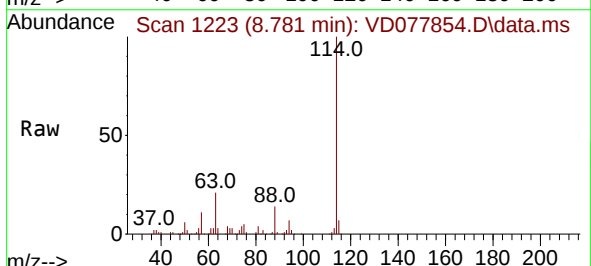
Tgt Ion:114 Resp: 214410

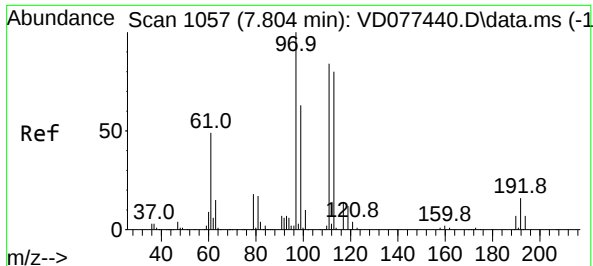
Ion Ratio Lower Upper

114 100

63 20.7 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.194 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

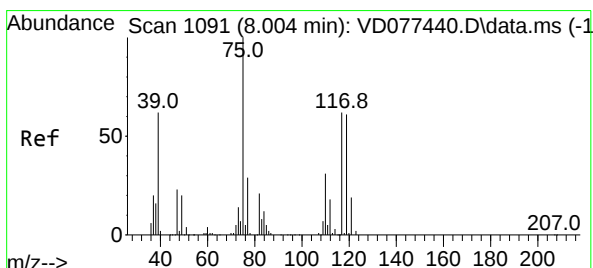
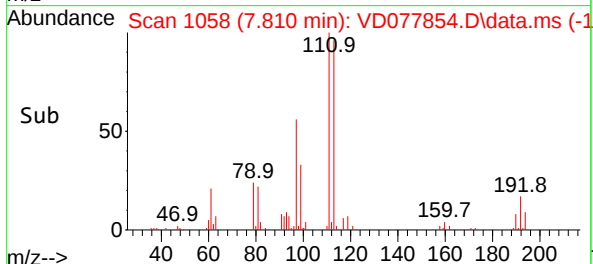
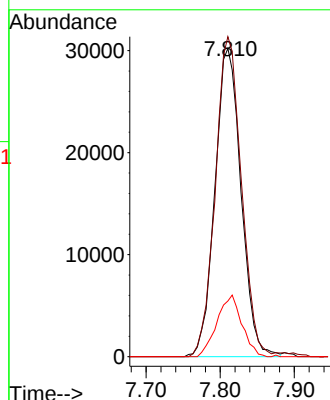
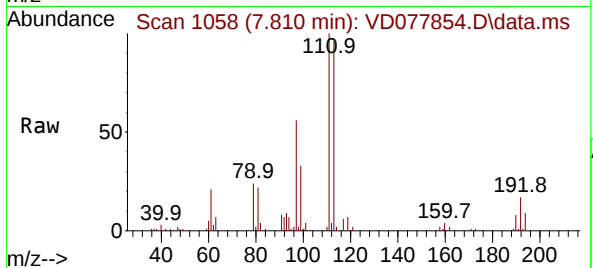
Tgt Ion: 113 Resp: 7388

Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.7	127.1
192	19.0	16.8	25.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#36

1,1-Dichloropropene

Concen: 21.286 ug/l

RT: 8.010 min Scan# 1092

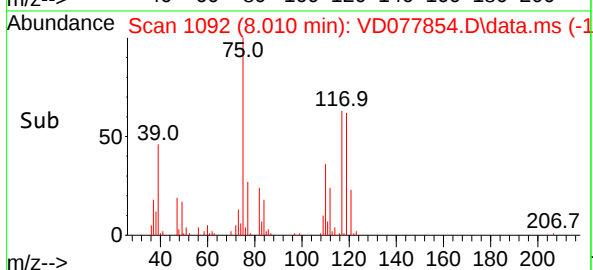
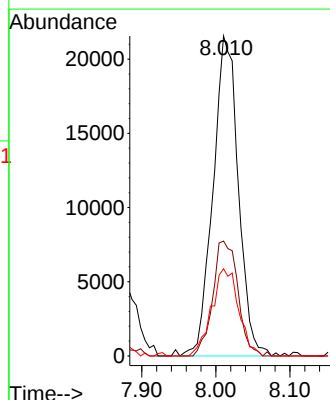
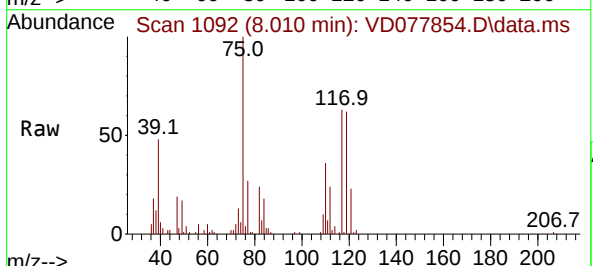
Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Tgt Ion: 75 Resp: 51136

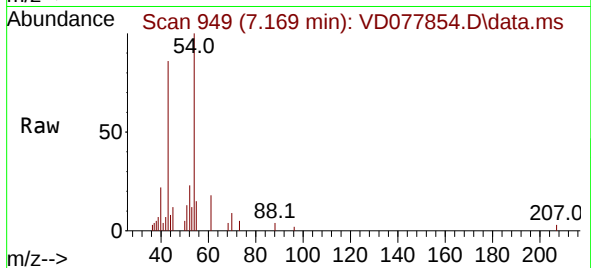
Ion	Ratio	Lower	Upper
75	100		
110	35.7	19.9	59.6
77	29.1	24.7	37.1





#37
Ethyl Acetate
Concen: 17.766 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

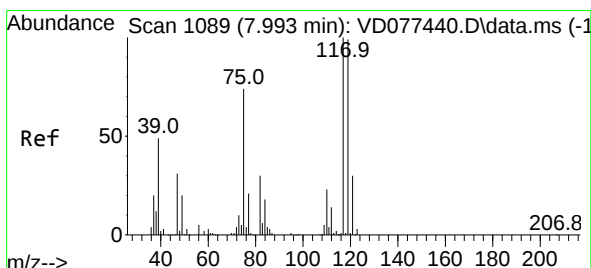
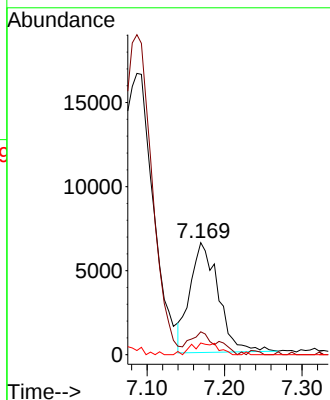
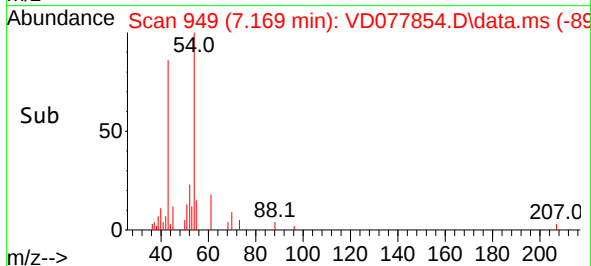
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3
70 10.1 10.0 15.0

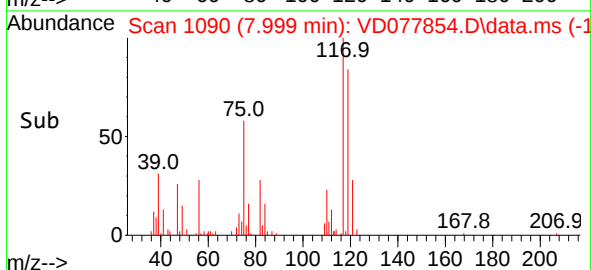
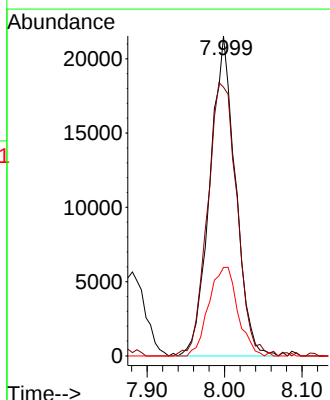
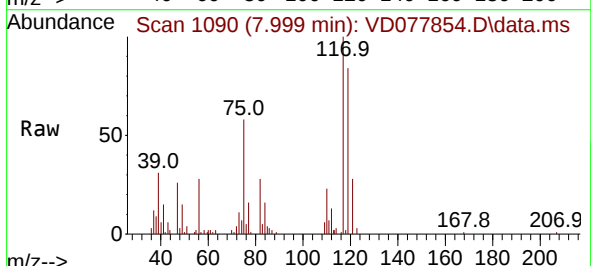
Manual Integrations
APPROVED

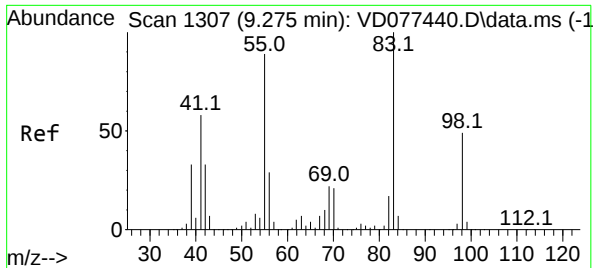
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#38
Carbon Tetrachloride
Concen: 20.697 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

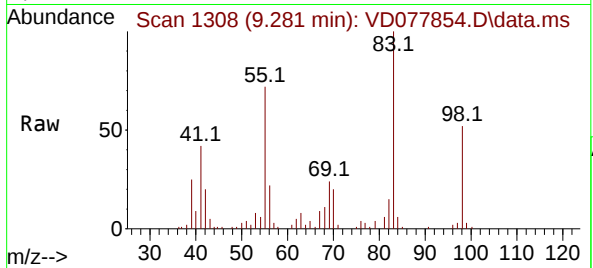
Tgt Ion:117 Resp: 49569
Ion Ratio Lower Upper
117 100
119 84.0 78.0 117.0
121 27.6 24.2 36.2





#39
Methylcyclohexane
Concen: 20.753 ug/l
RT: 9.281 min Scan# 1138
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

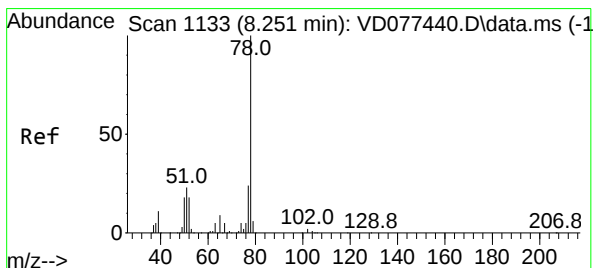
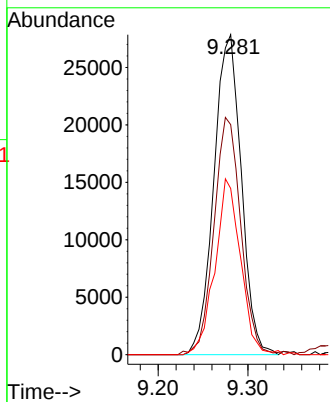
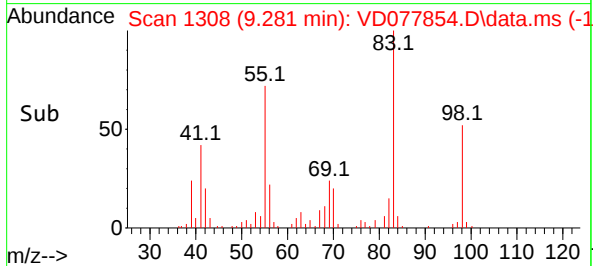
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 83 Resp: 5910
Ion Ratio Lower Upper
83 100
55 71.9 49.4 74.0
98 51.9 38.4 57.6

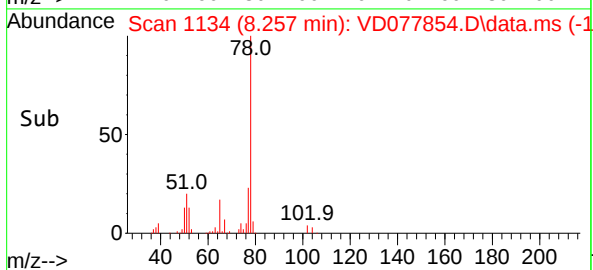
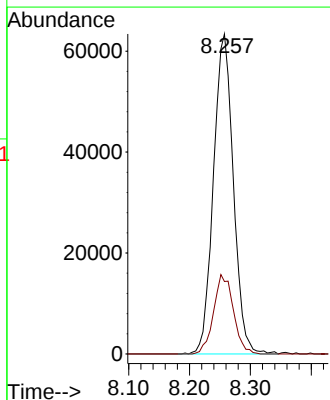
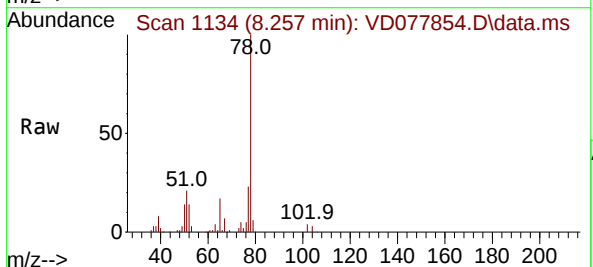
Manual Integrations
APPROVED

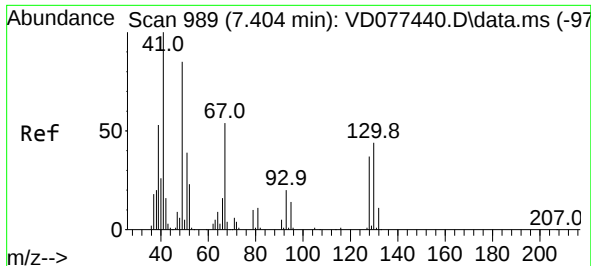
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#40
Benzene
Concen: 21.109 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

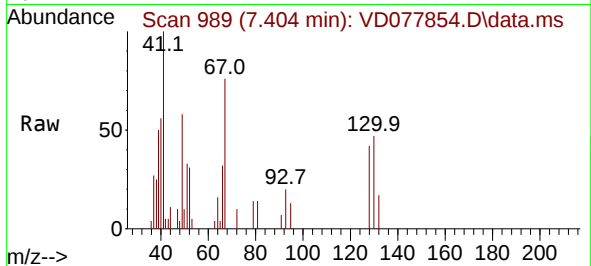
Tgt Ion: 78 Resp: 143928
Ion Ratio Lower Upper
78 100
77 22.7 19.4 29.0





#41
Methacrylonitrile
Concen: 17.580 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

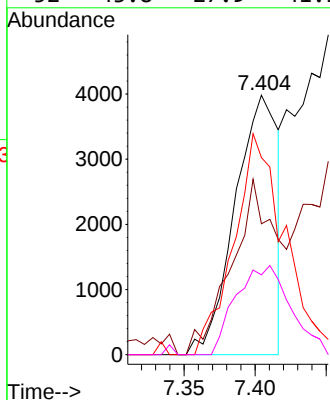
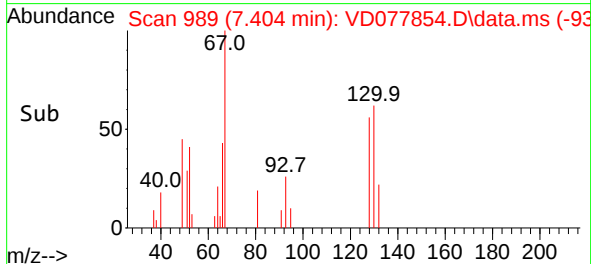
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 41 Resp: 8370
Ion Ratio Lower Upper
41 100
39 71.6 34.0 51.0
67 100.8 77.0 115.4
52 43.8 27.9 41.9#

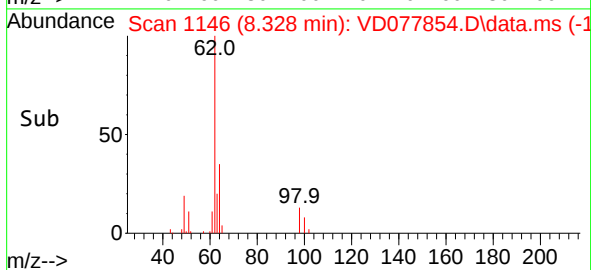
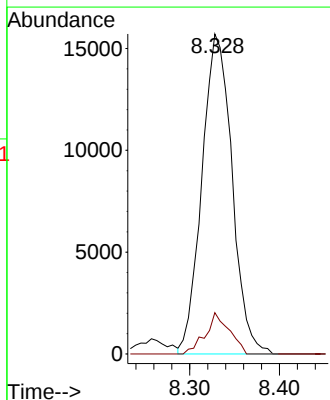
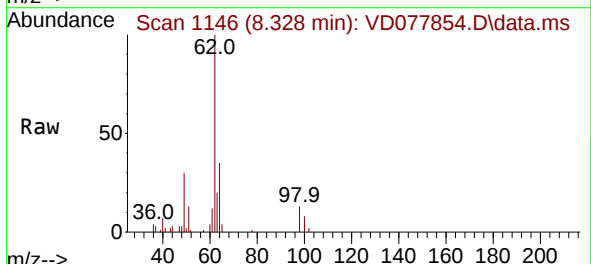
Manual Integrations
APPROVED

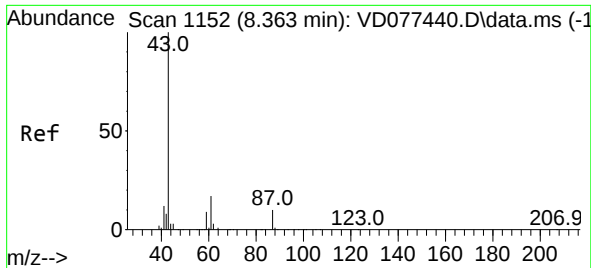
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#42
1,2-Dichloroethane
Concen: 20.742 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

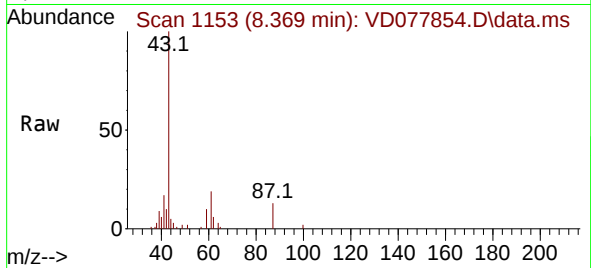
Tgt Ion: 62 Resp: 36659
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4





#43
Isopropyl Acetate
Concen: 19.986 ug/l
RT: 8.369 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

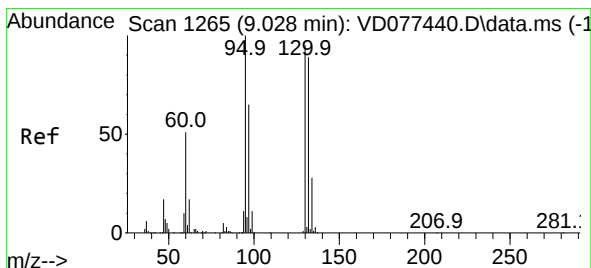
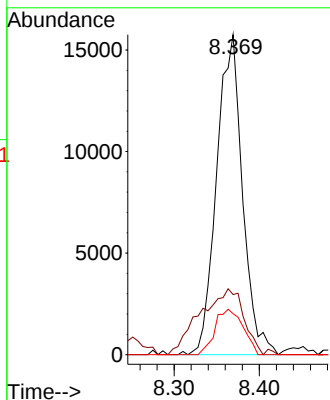
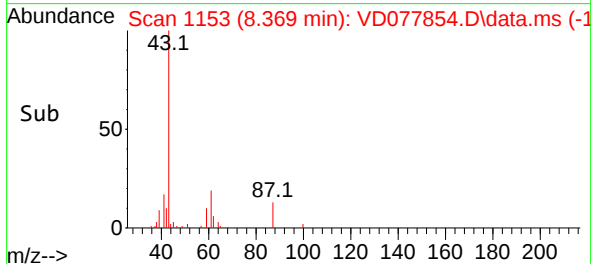
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



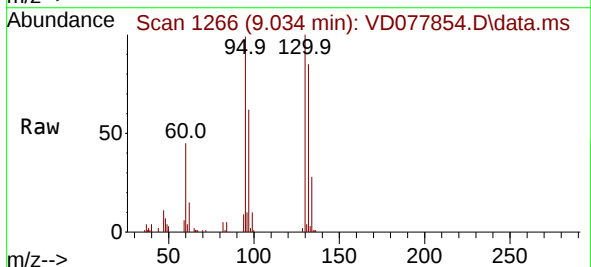
Tgt Ion: 43 Resp: 33279
Ion Ratio Lower Upper
43 100
61 35.1 31.4 47.0
87 15.4 14.9 22.3

Manual Integrations
APPROVED

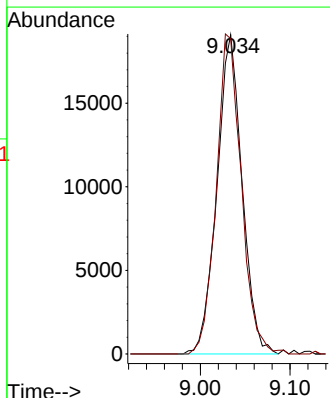
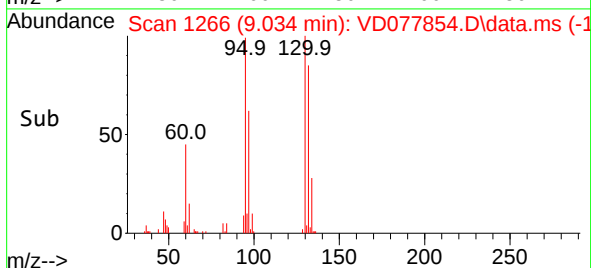
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

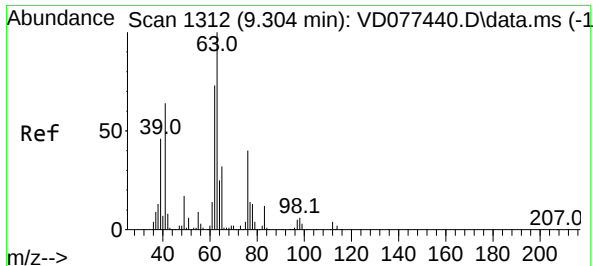


#44
Trichloroethene
Concen: 20.899 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



Tgt Ion:130 Resp: 37135
Ion Ratio Lower Upper
130 100
95 98.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.057 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 63 Resp: 3655

Ion Ratio Lower Upper

63 100

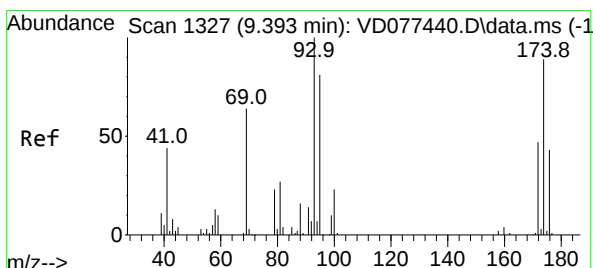
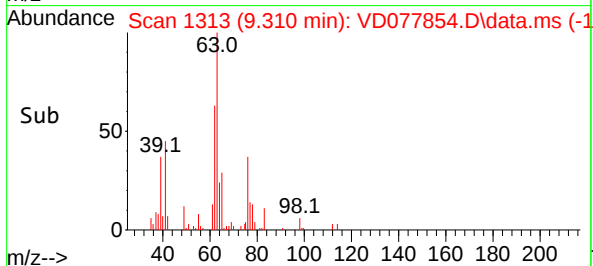
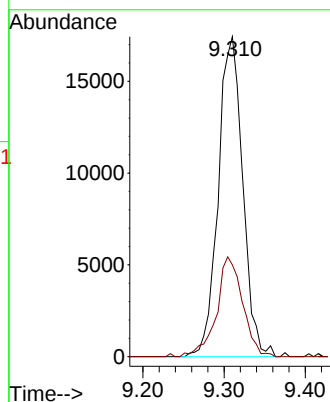
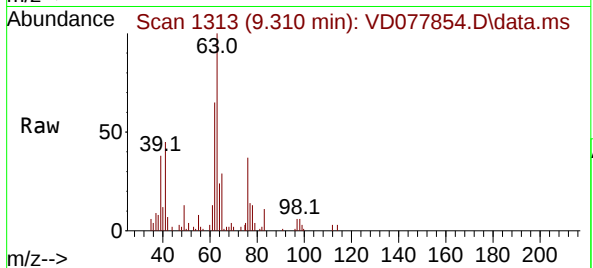
65 28.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#46

Dibromomethane

Concen: 20.617 ug/l

RT: 9.404 min Scan# 1329

Delta R.T. 0.011 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

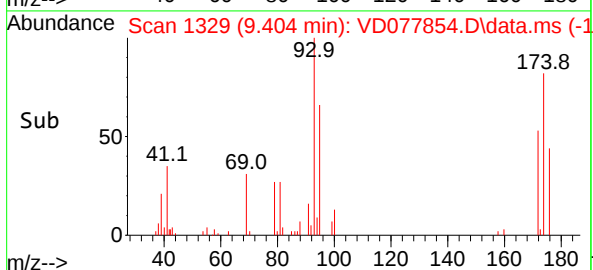
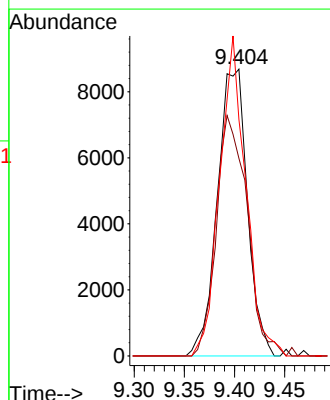
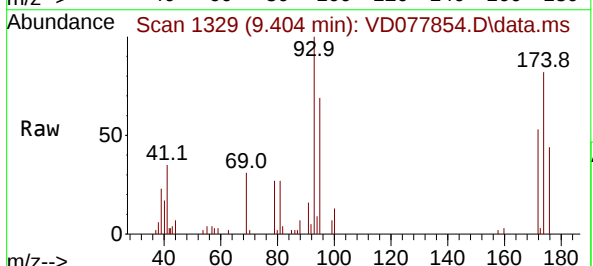
Tgt Ion: 93 Resp: 18081

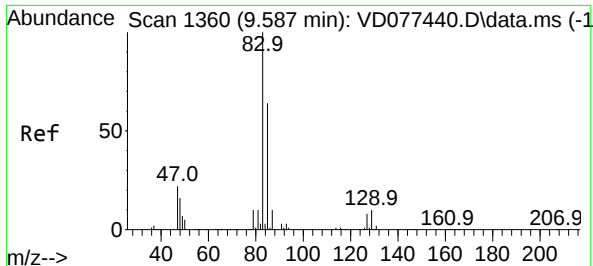
Ion Ratio Lower Upper

93 100

95 85.8 67.7 101.5

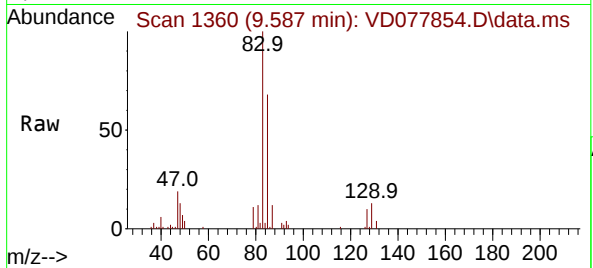
174 97.3 85.4 128.2





#47
Bromodichloromethane
Concen: 20.989 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

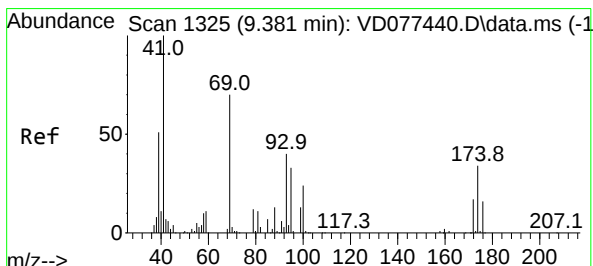
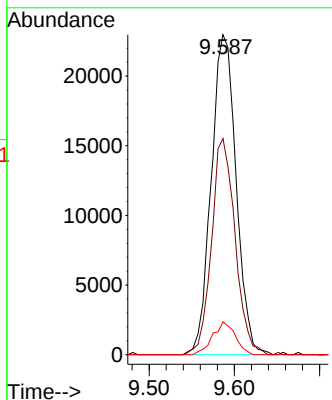
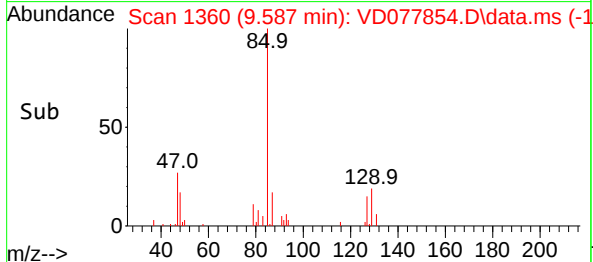
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 83 Resp: 46650
Ion Ratio Lower Upper
83 100
85 67.5 50.2 75.4
127 10.3 6.3 9.5

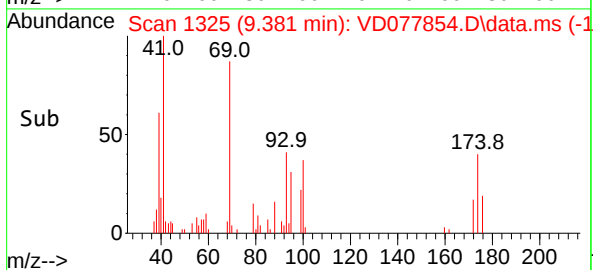
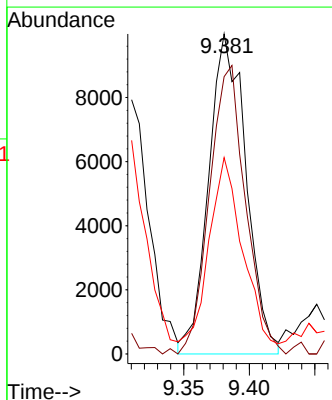
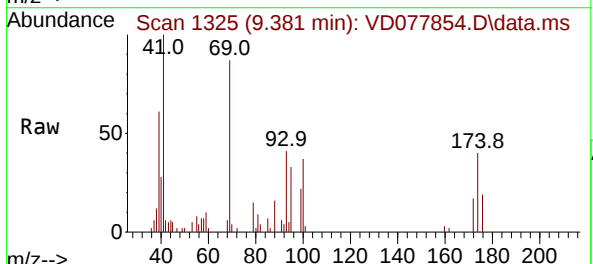
Manual Integrations
APPROVED

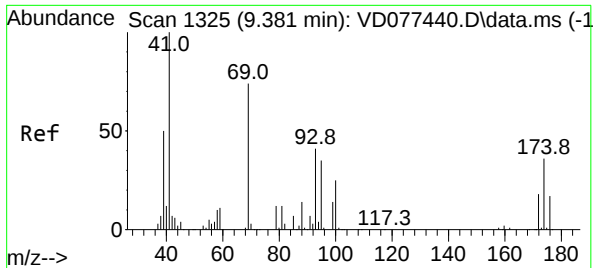
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#48
Methyl methacrylate
Concen: 20.930 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

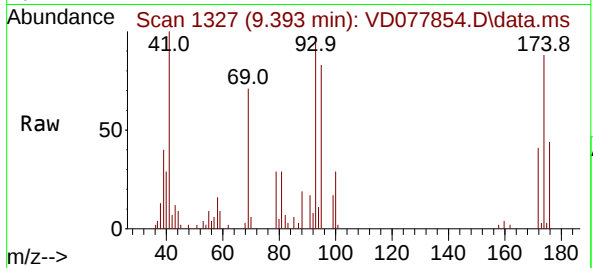
Tgt Ion: 41 Resp: 19811
Ion Ratio Lower Upper
41 100
69 86.9 102.2 153.2#
39 50.7 41.4 62.2





#49
1,4-Dioxane
Concen: 377.680 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

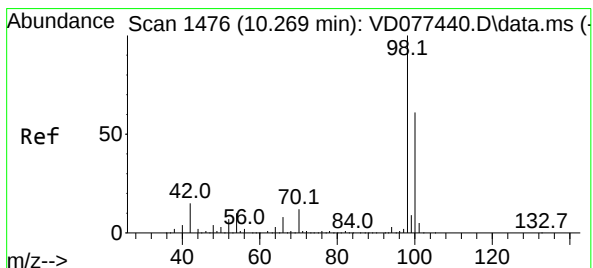
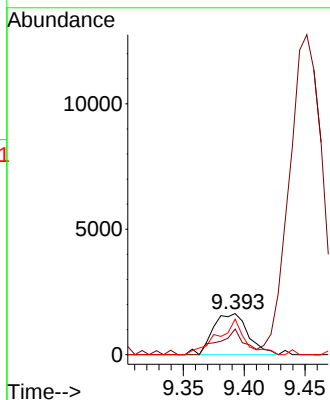
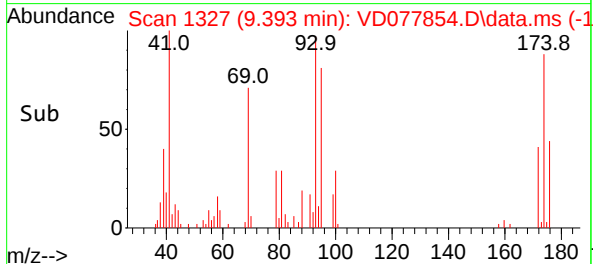
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 88 Resp: 3289
Ion Ratio Lower Upper
88 100
43 45.1 19.0 28.6
58 67.1 43.5 65.3

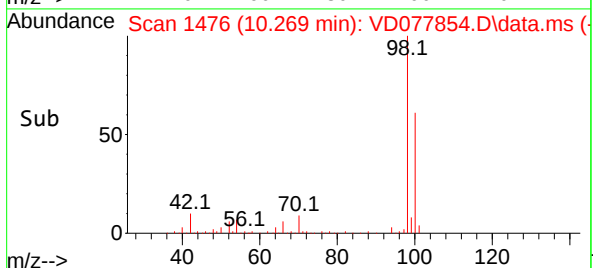
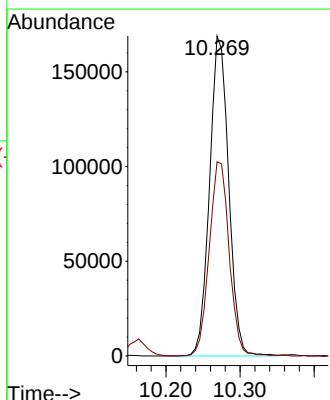
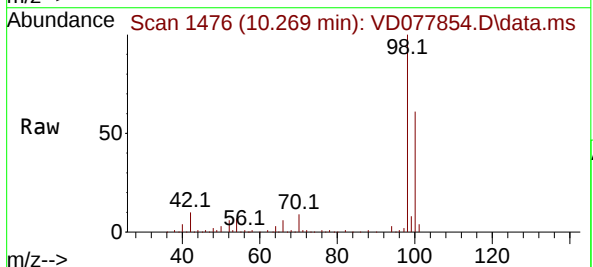
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#50
Toluene-d8
Concen: 50.258 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

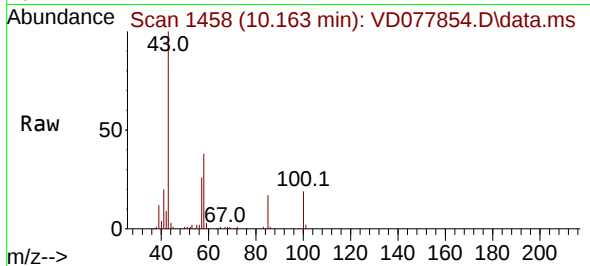
Tgt Ion: 98 Resp: 302311
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 101.229 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

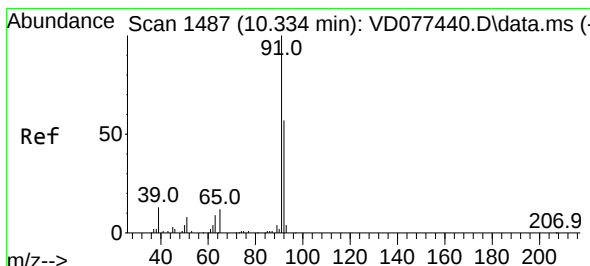
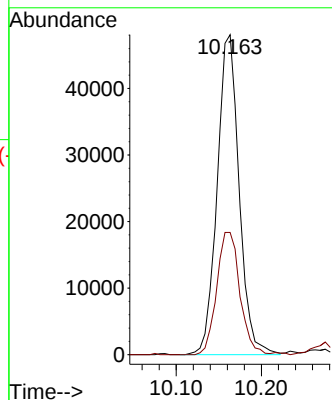
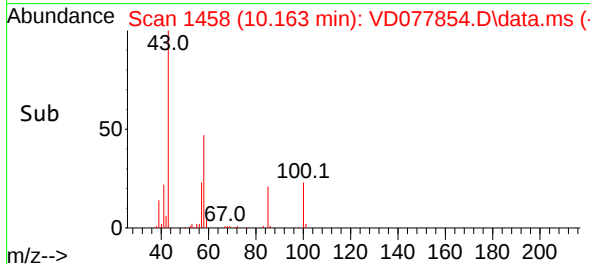
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 43 Resp: 86020
Ion Ratio Lower Upper
43 100
58 40.3 38.9 58.3

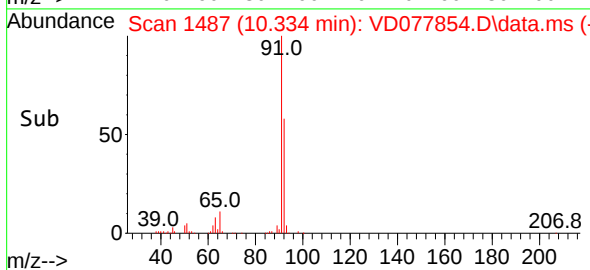
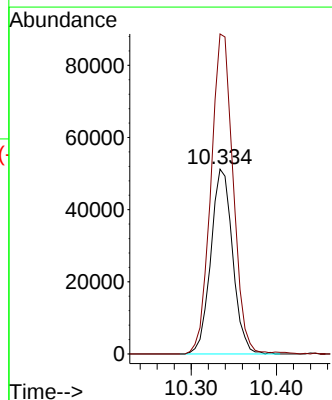
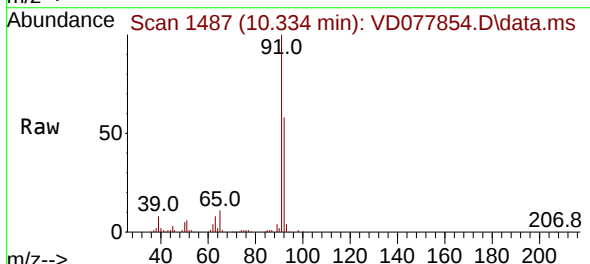
Manual Integrations
APPROVED

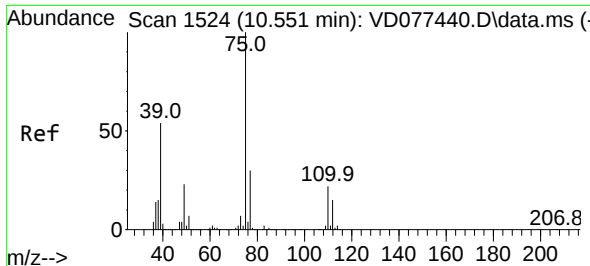
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#52
Toluene
Concen: 21.606 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

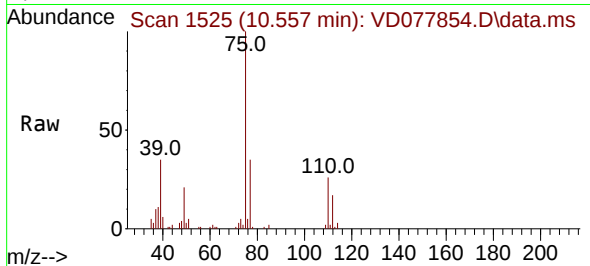
Tgt Ion: 92 Resp: 91380
Ion Ratio Lower Upper
92 100
91 175.9 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 20.921 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

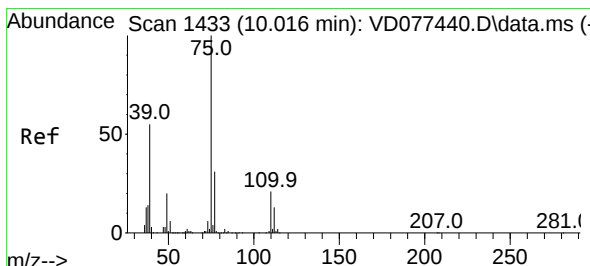
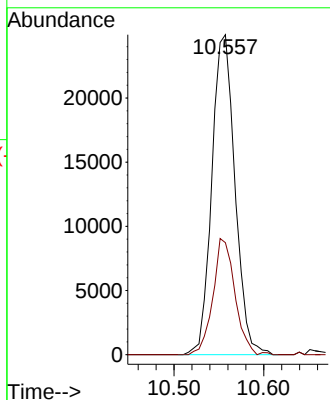
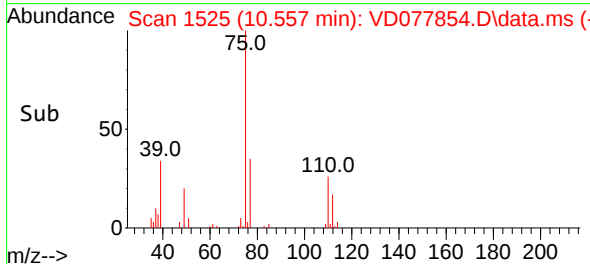
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion: 75 Resp: 44660
Ion Ratio Lower Upper
75 100
77 35.0 25.3 37.9

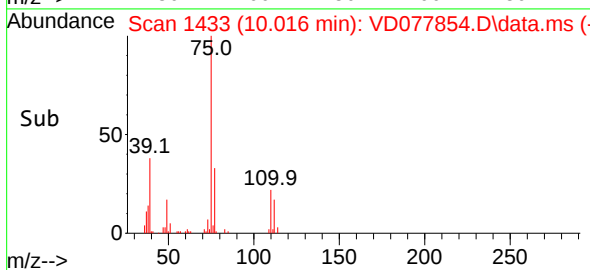
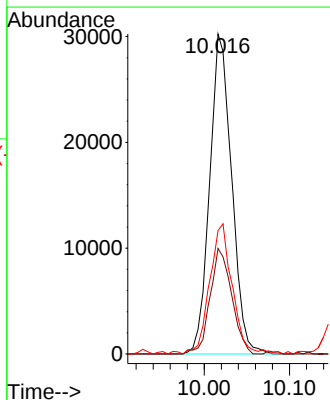
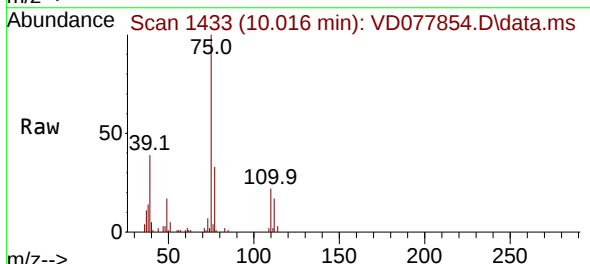
Manual Integrations
APPROVED

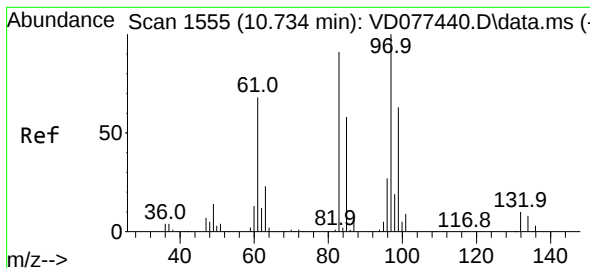
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#54
cis-1,3-Dichloropropene
Concen: 21.014 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Tgt Ion: 75 Resp: 54234
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3
39 37.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.860 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

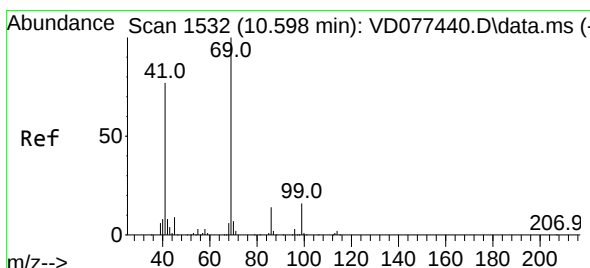
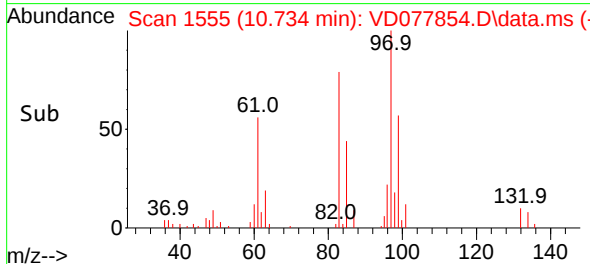
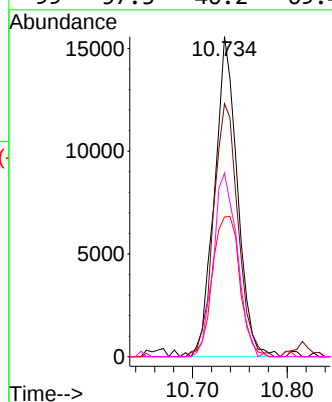
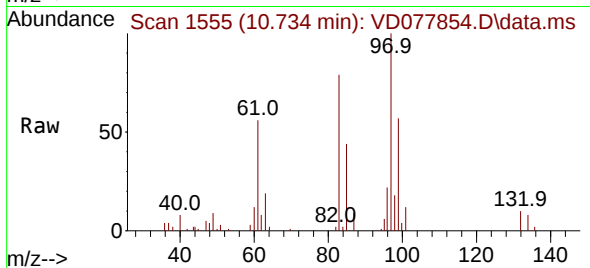
VD1213SBS01

Tgt Ion:	97	Resp:	2622
Ion	Ratio	Lower	Upper
97	100		
83	79.0	65.8	98.6
85	43.7	45.7	68.5
99	57.3	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#56

Ethyl methacrylate

Concen: 19.658 ug/l

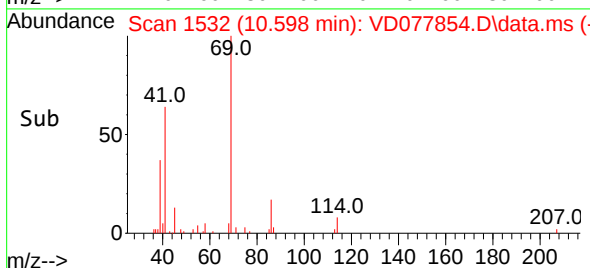
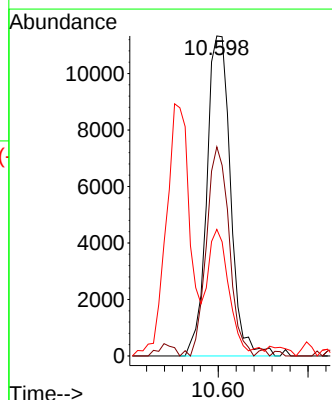
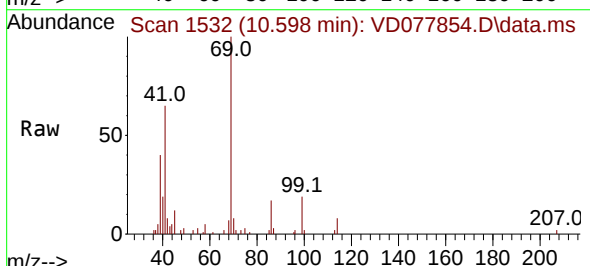
RT: 10.598 min Scan# 1532

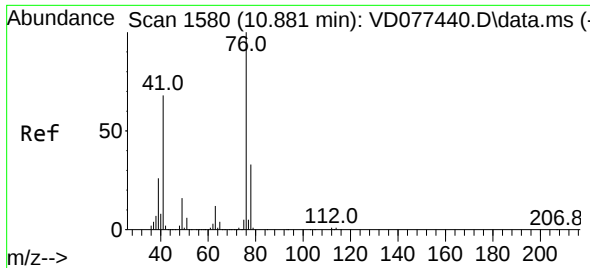
Delta R.T. 0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Tgt Ion:	69	Resp:	20788
Ion	Ratio	Lower	Upper
69	100		
41	62.5	39.1	58.7#
39	35.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.379 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 76 Resp: 42140

Ion Ratio Lower Upper

76 100

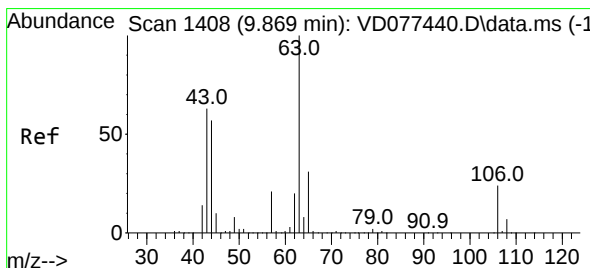
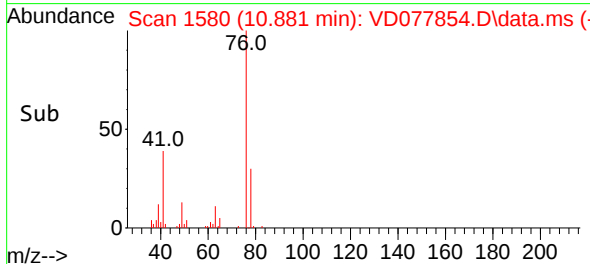
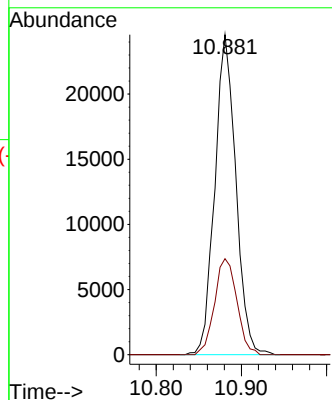
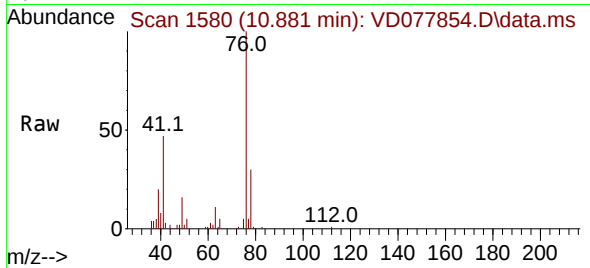
78 31.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 104.705 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077854.D

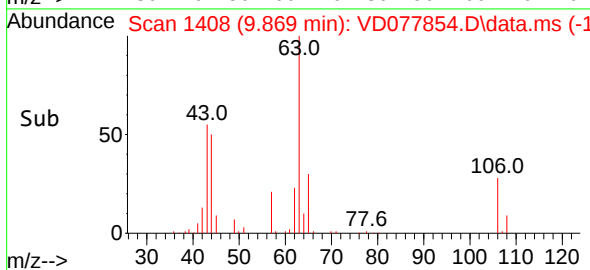
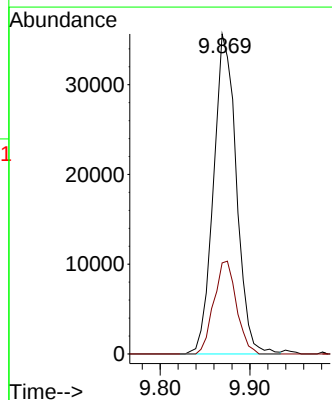
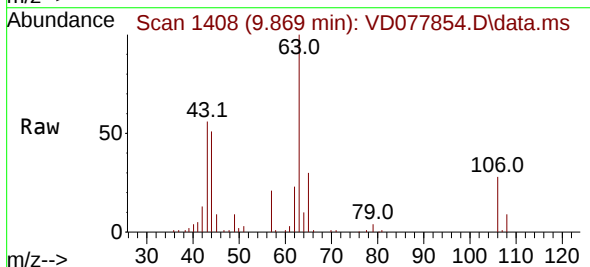
Acq: 13 Dec 2023 11:36

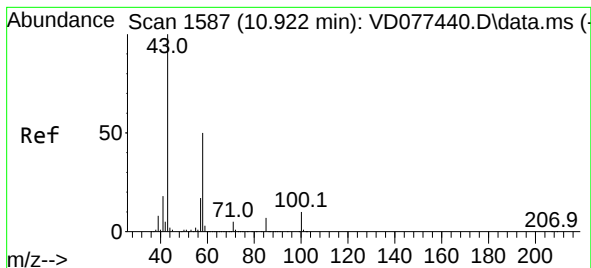
Tgt Ion: 63 Resp: 63144

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9





#59

2-Hexanone

Concen: 104.656 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion: 43 Resp: 73788

Ion Ratio Lower Upper

43 100

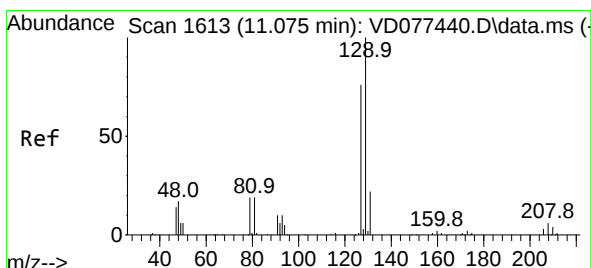
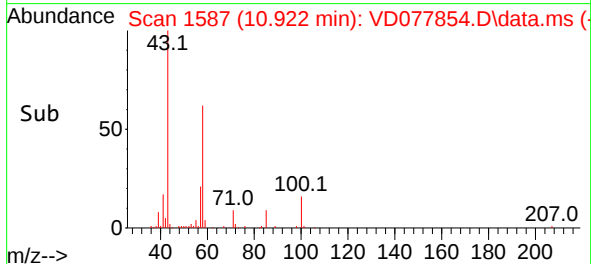
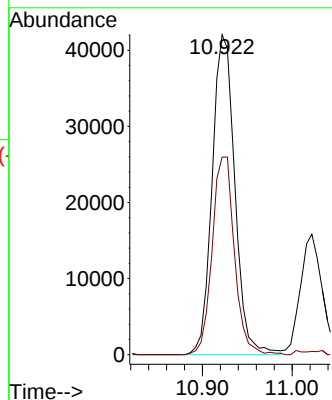
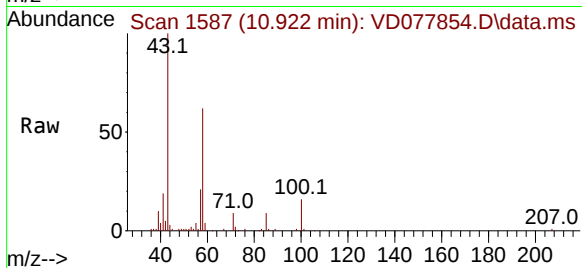
58 60.8 34.1 102.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#60

Dibromochloromethane

Concen: 21.529 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD077854.D

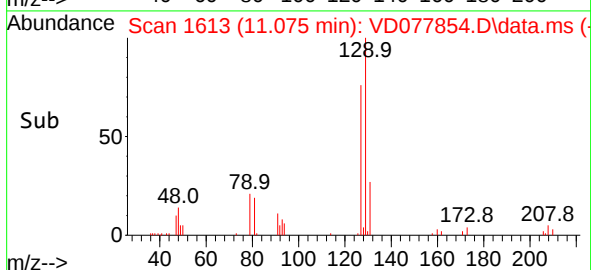
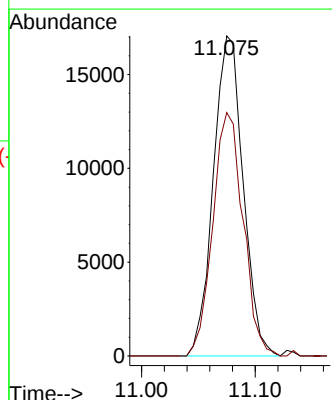
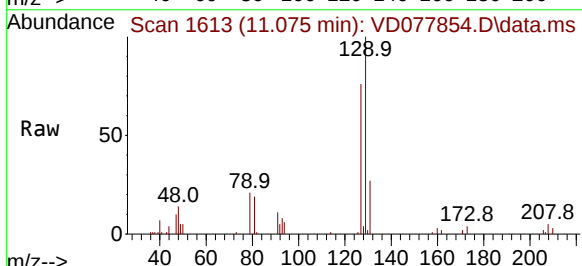
Acq: 13 Dec 2023 11:36

Tgt Ion:129 Resp: 31095

Ion Ratio Lower Upper

129 100

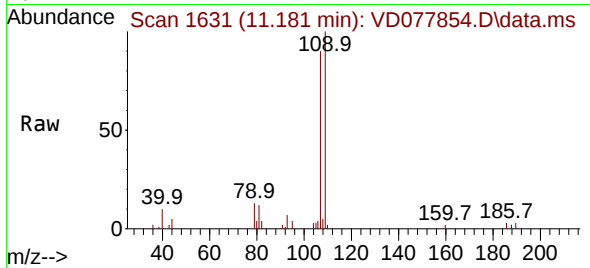
127 77.3 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.571 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

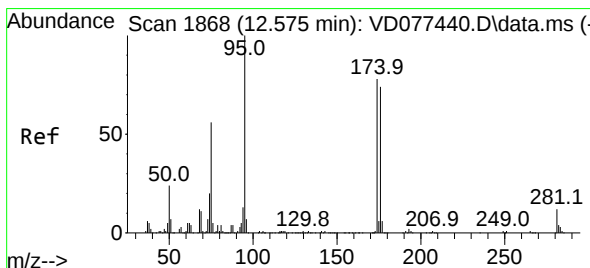
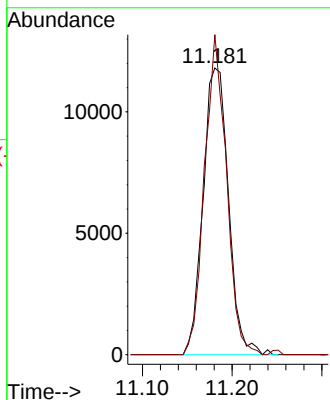
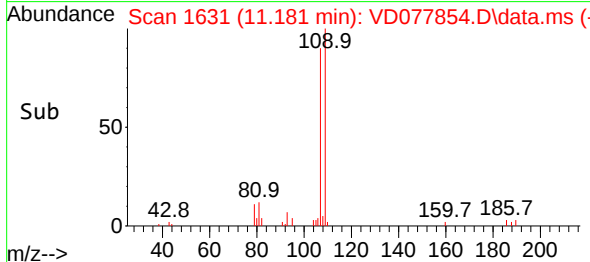
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



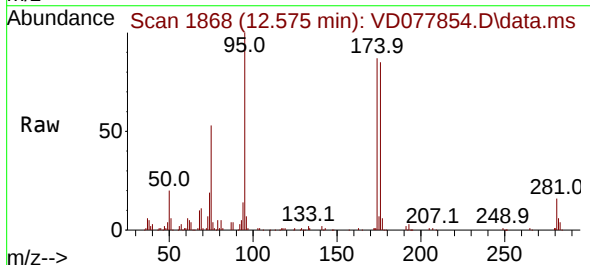
Tgt Ion:107 Resp: 23229
Ion Ratio Lower Upper
107 100
109 96.4 75.6 113.4

Manual Integrations
APPROVED

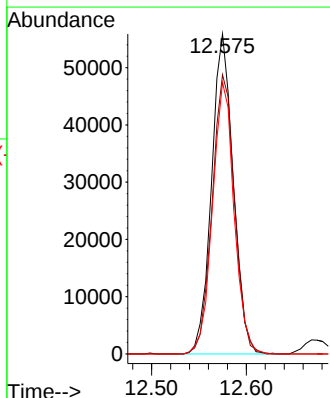
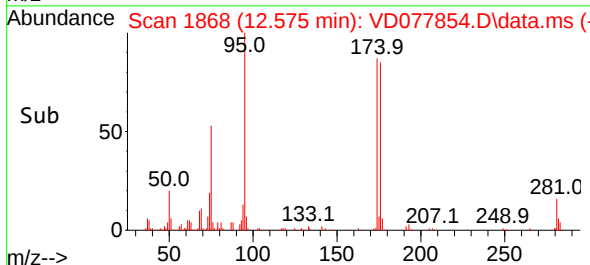
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

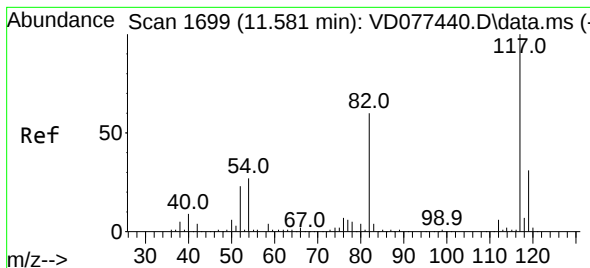


#62
4-Bromofluorobenzene
Concen: 49.389 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



Tgt Ion: 95 Resp: 88821
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 84.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 117

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion:117 Resp: 19450

Ion Ratio Lower Upper

117 100

82 50.1 38.3 57.5

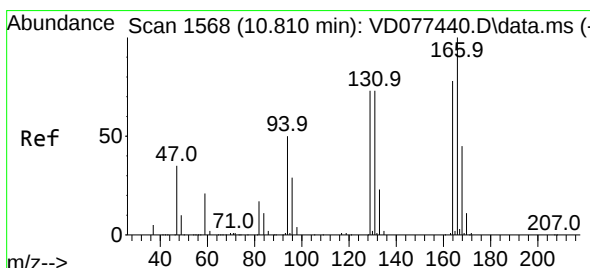
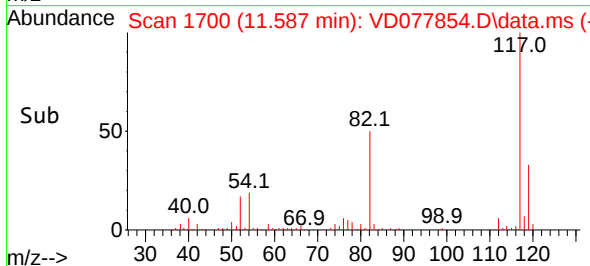
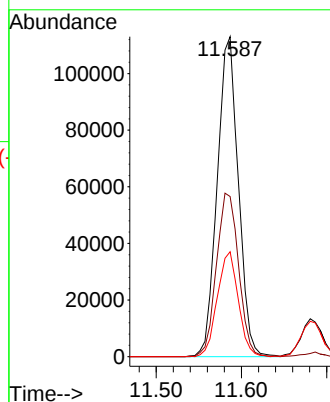
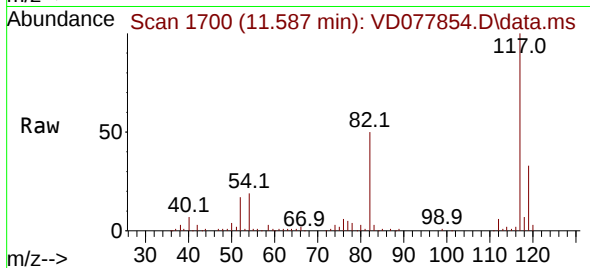
119 32.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#64

Tetrachloroethene

Concen: 20.583 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Tgt Ion:164 Resp: 29425

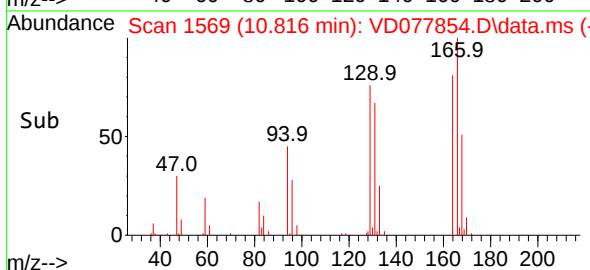
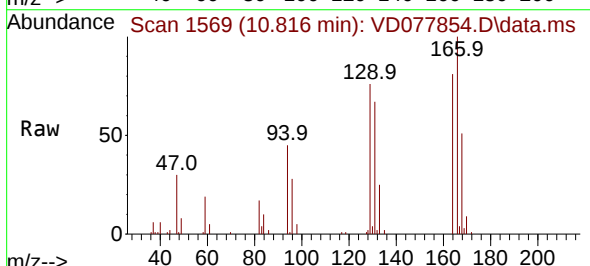
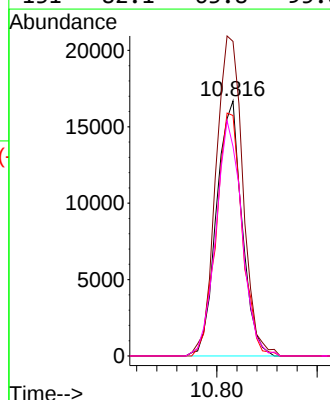
Ion Ratio Lower Upper

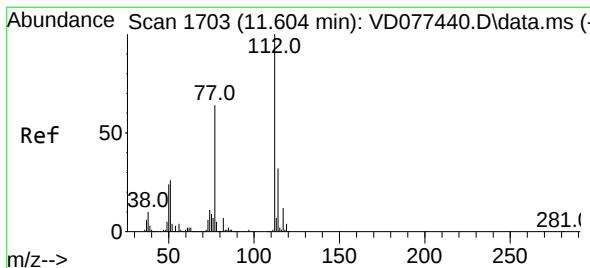
164 100

166 123.3 99.2 148.8

129 94.3 68.4 102.6

131 82.1 63.8 95.8





#65

Chlorobenzene

Concen: 19.395 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

Tgt Ion:112 Resp: 9414

Ion Ratio Lower Upper

112 100

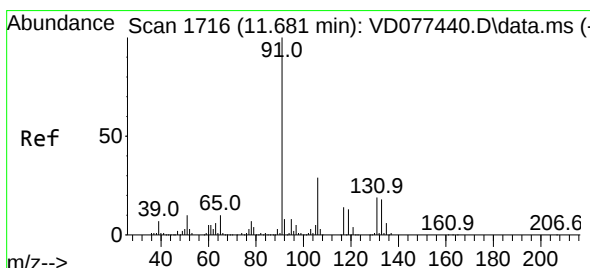
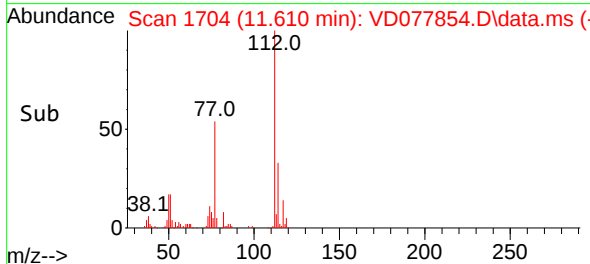
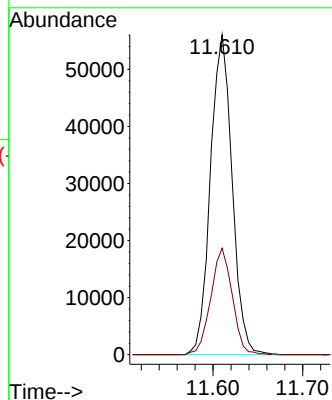
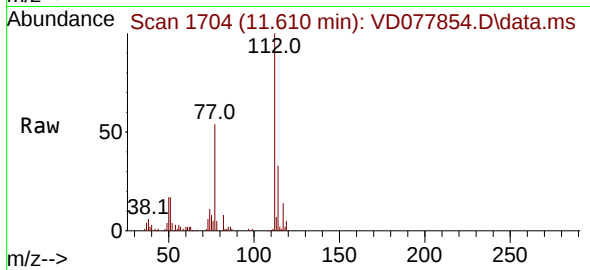
114 33.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023

Supervised By :Semsettin Yesilyurt 12/14/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 20.738 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

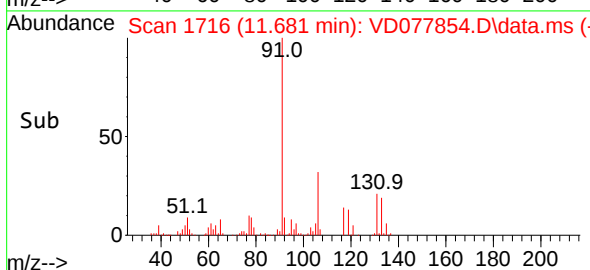
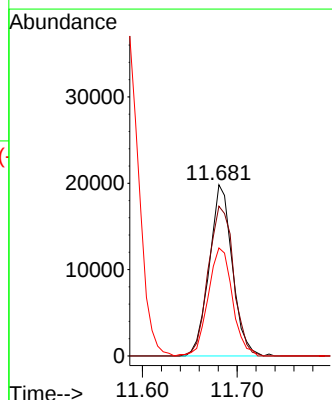
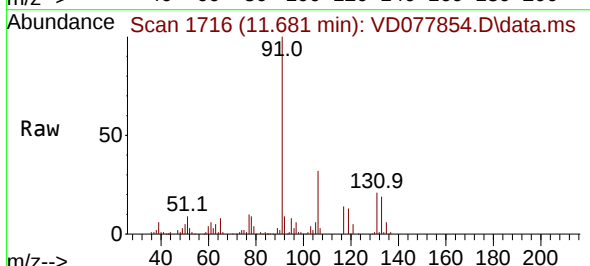
Tgt Ion:131 Resp: 33542

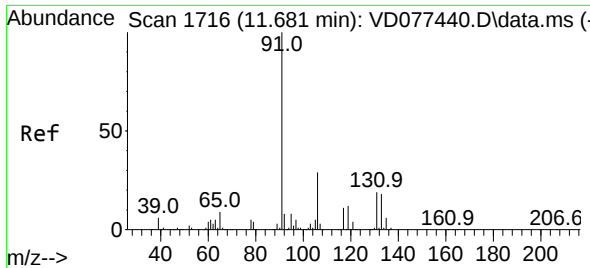
Ion Ratio Lower Upper

131 100

133 95.6 48.5 145.5

119 66.2 35.6 106.9





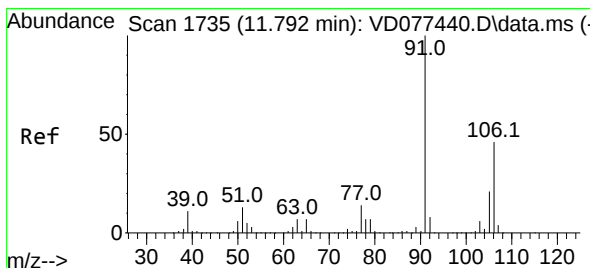
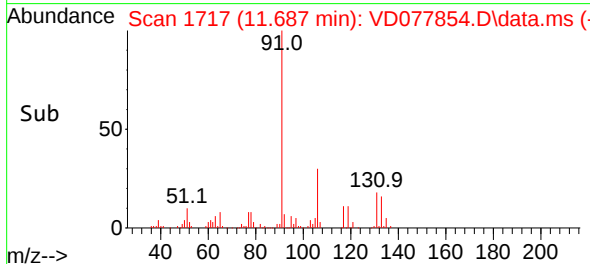
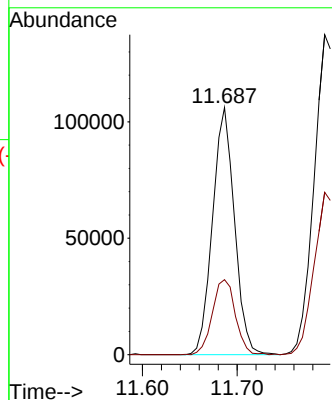
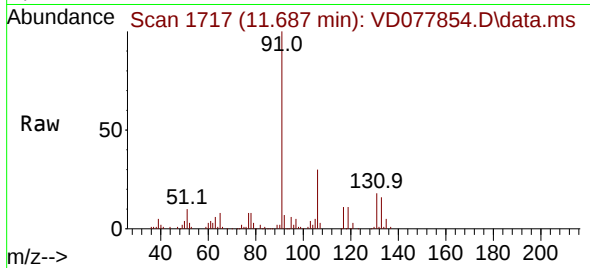
#67
Ethyl Benzene
Concen: 21.077 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 91 Resp: 170679
Ion Ratio Lower Upper
91 100
106 30.4 26.5 39.7

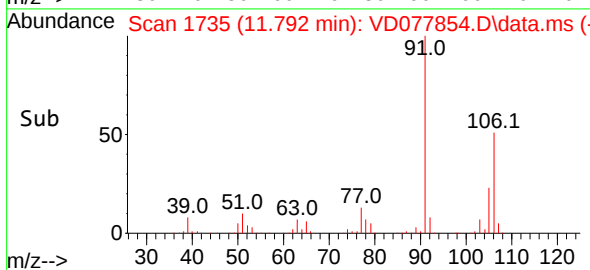
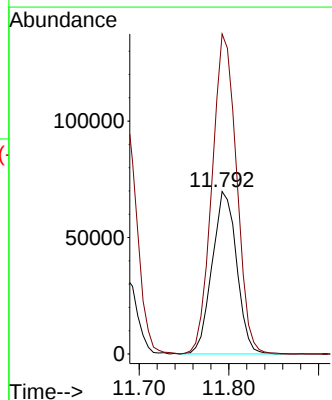
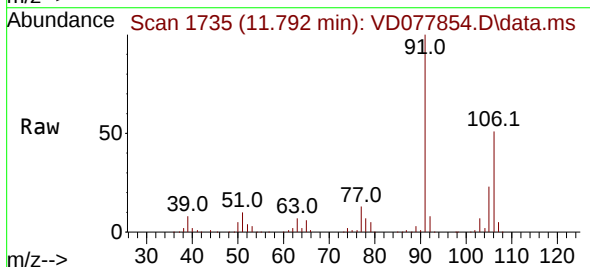
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#68
m/p-Xylenes
Concen: 42.731 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Tgt Ion:106 Resp: 132355
Ion Ratio Lower Upper
106 100
91 197.2 147.0 220.6





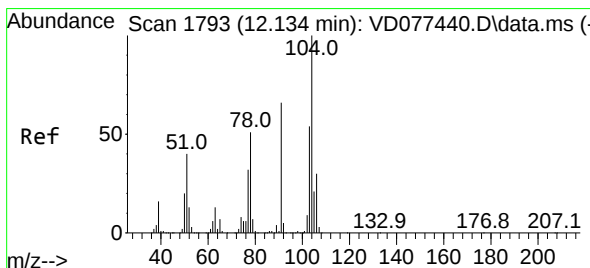
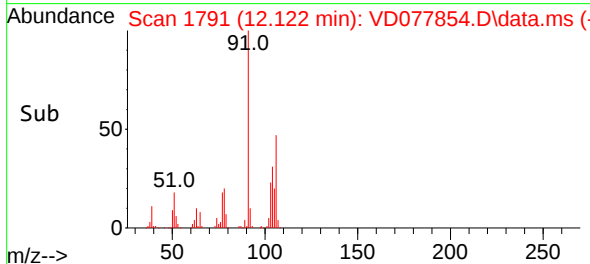
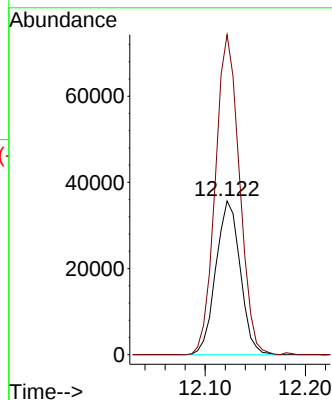
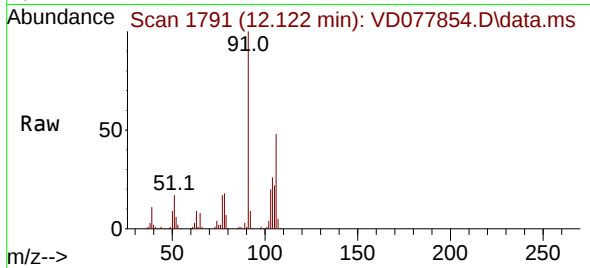
#69
o-Xylene
Concen: 21.068 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:106 Resp: 6014
Ion Ratio Lower Upper
106 100
91 206.7 97.9 293.6

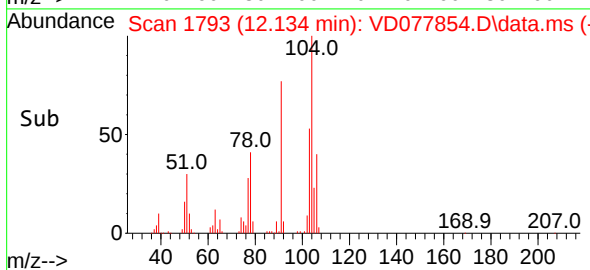
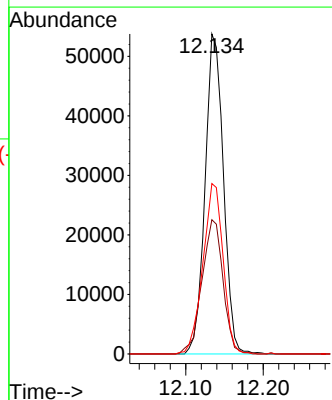
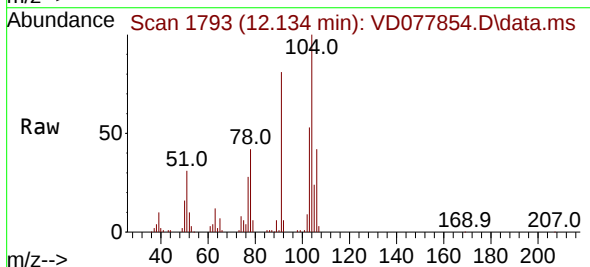
Manual Integrations
APPROVED

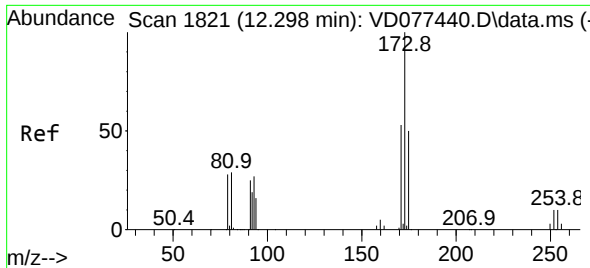
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#70
Styrene
Concen: 20.880 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

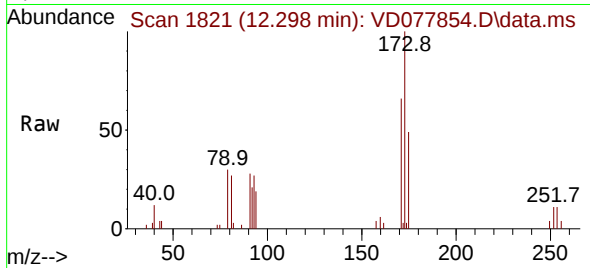
Tgt Ion:104 Resp: 88630
Ion Ratio Lower Upper
104 100
78 48.0 33.2 49.8
103 58.5 43.6 65.4





#71
Bromoform
Concen: 20.110 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

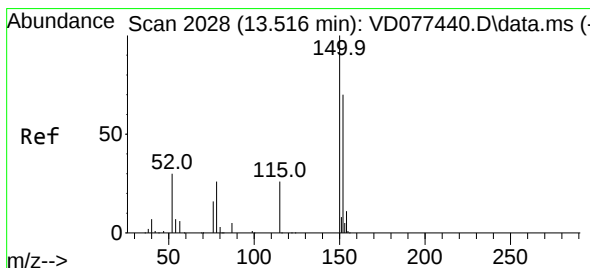
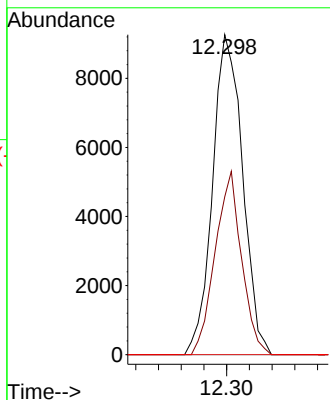
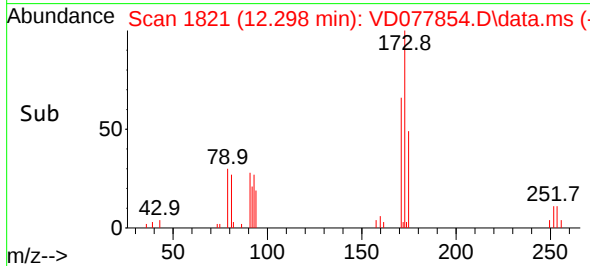
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



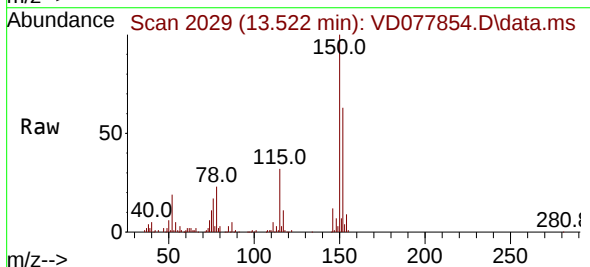
Tgt Ion:173 Resp: 16998
Ion Ratio Lower Upper
173 100
175 50.5 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

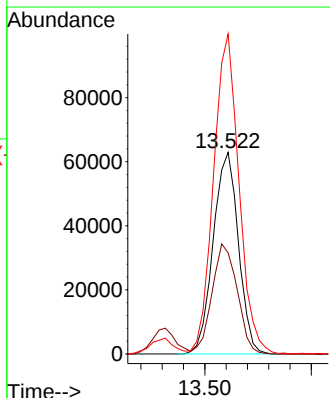
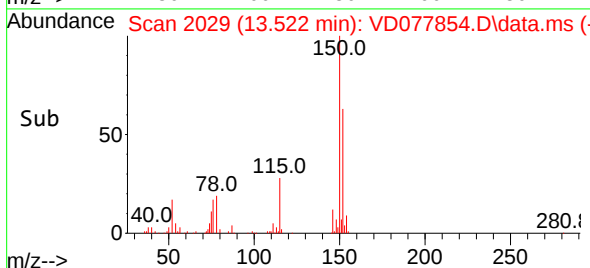
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

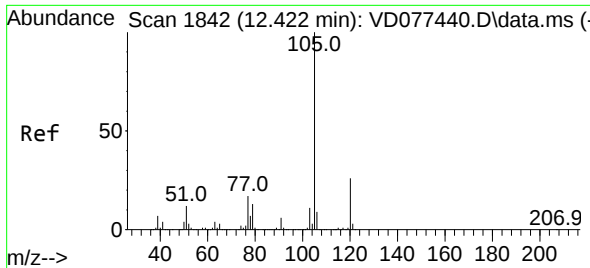


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



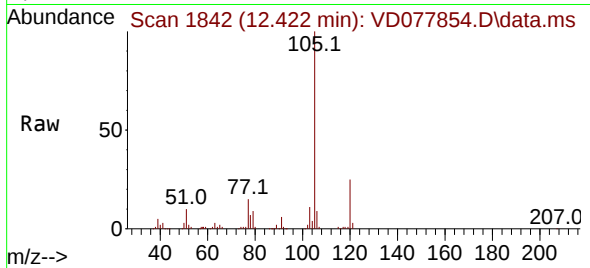
Tgt Ion:152 Resp: 103179
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 160.4 0.0 353.6





#73
Isopropylbenzene
Concen: 20.654 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

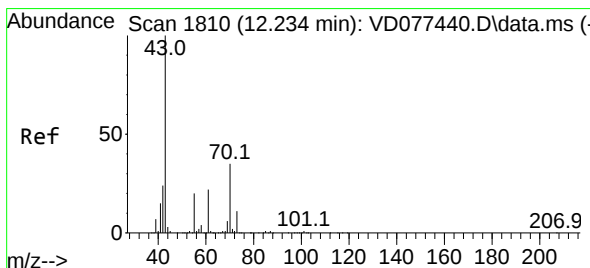
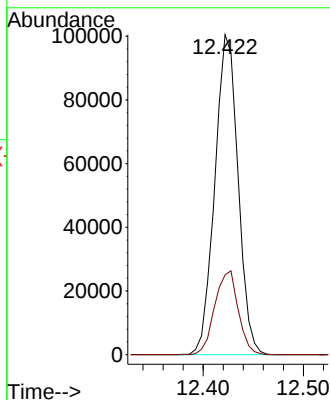
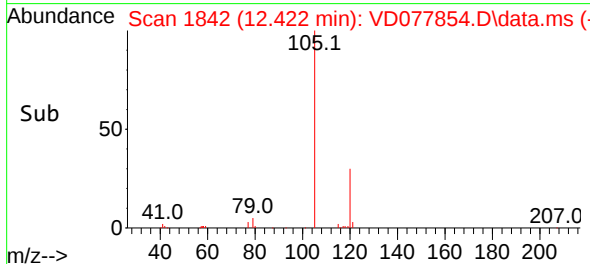
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



Tgt Ion:105 Resp: 16151
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9

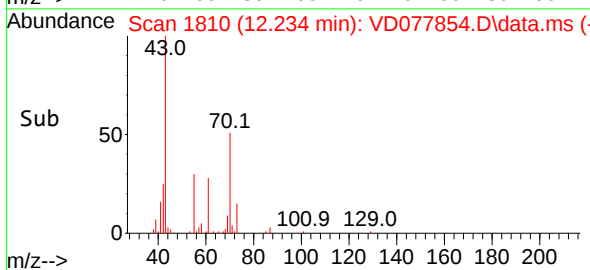
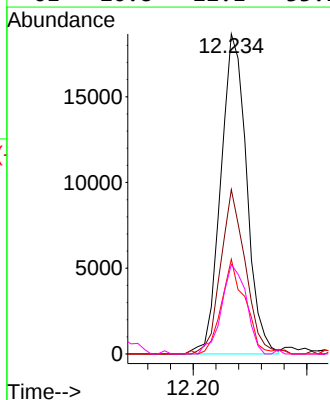
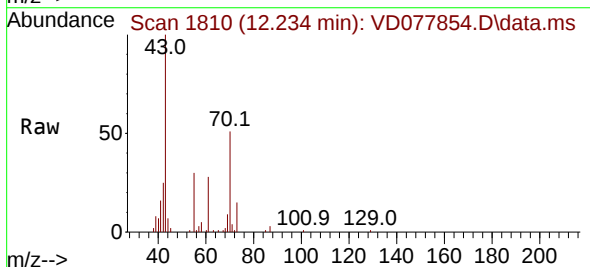
Manual Integrations
APPROVED

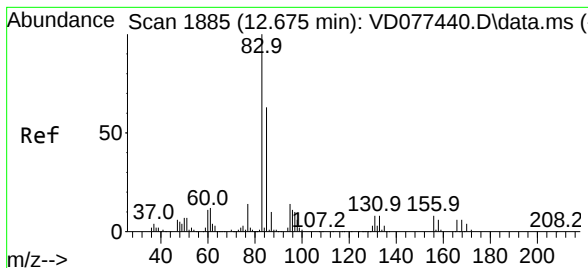
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#74
N-ethyl acetate
Concen: 19.162 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

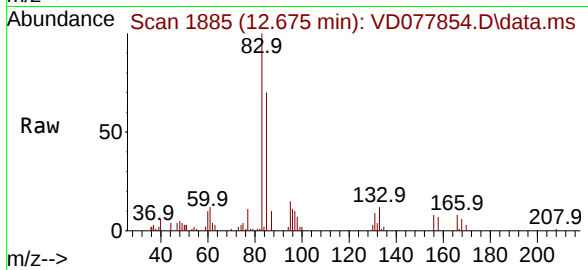
Tgt Ion: 43 Resp: 29456
Ion Ratio Lower Upper
43 100
70 49.4 45.0 67.4
55 27.7 23.8 35.6
61 26.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 19.940 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

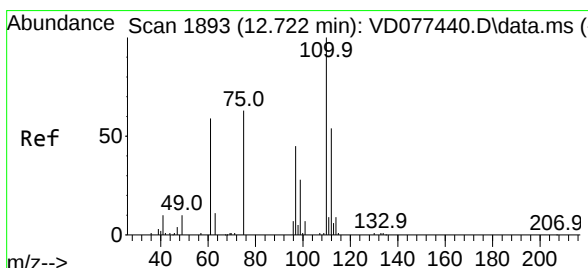
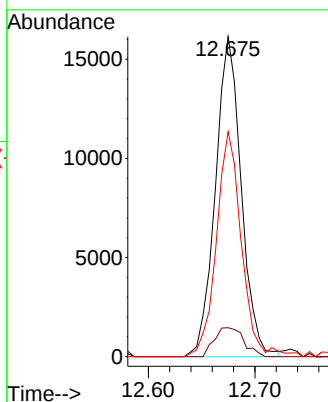
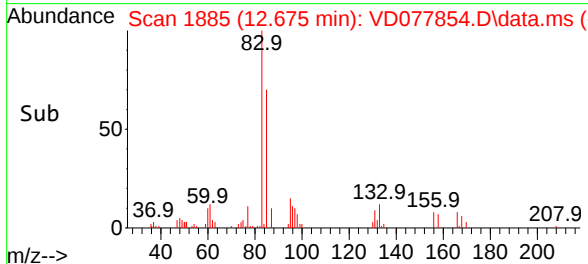
Instrument : MSVOA_D
ClientSampleId : VD1213SBS01



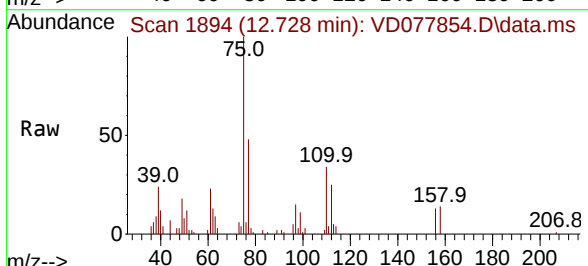
Tgt Ion: 83 Resp: 27189
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 68.0 32.6 97.8

Manual Integrations
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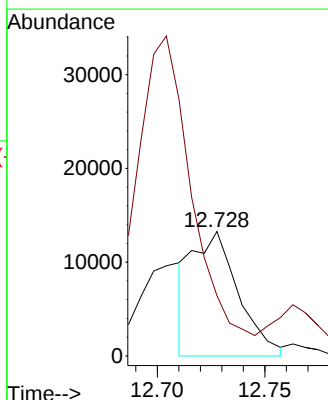
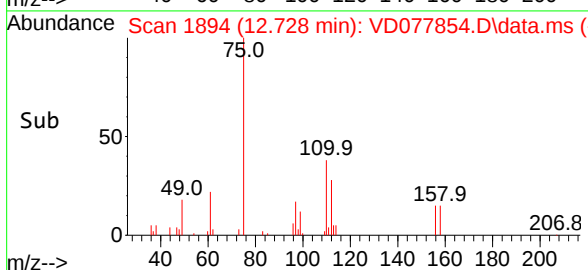
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

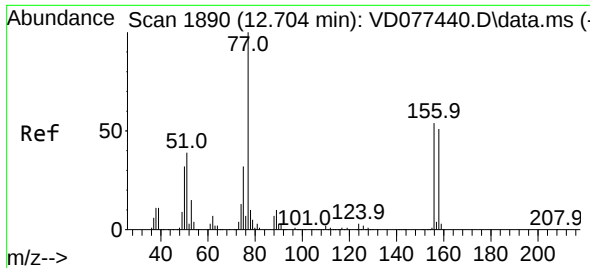


#76
1,2,3-Trichloropropane
Concen: 22.172 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



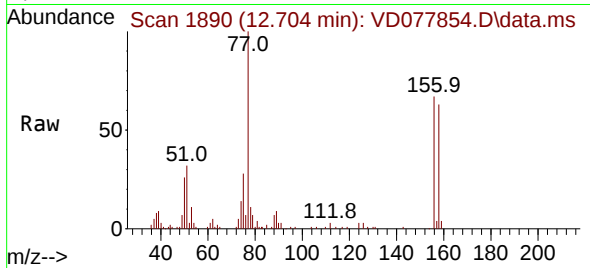
Tgt Ion: 75 Resp: 19869
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.915 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

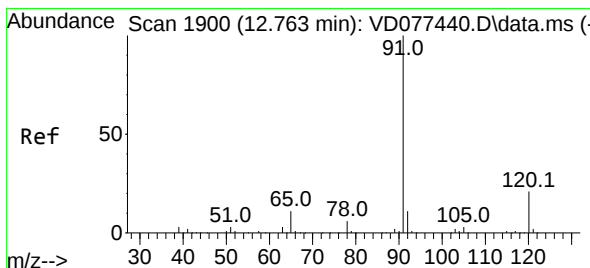
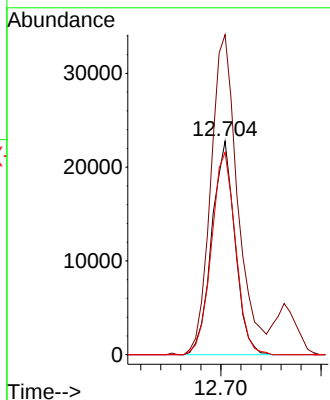
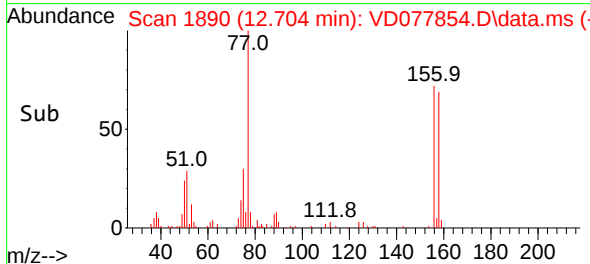
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



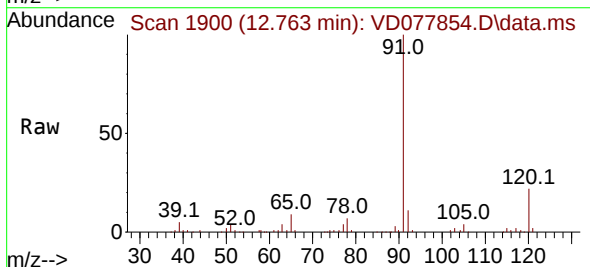
Tgt Ion:156 Resp: 3663
Ion Ratio Lower Upper
156 100
77 173.5 76.8 230.4
158 98.3 48.6 145.9

Manual Integrations
APPROVED

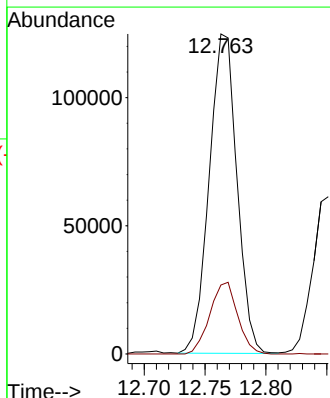
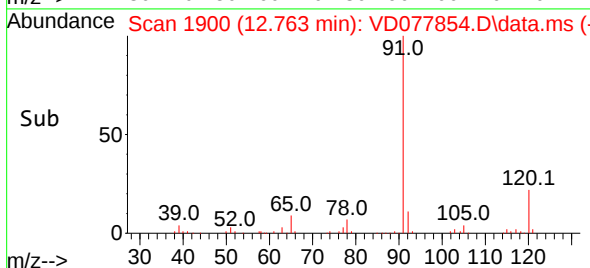
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

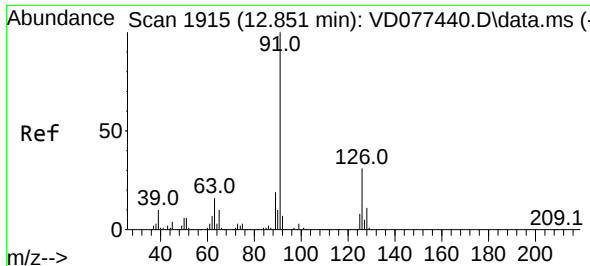


#78
n-propylbenzene
Concen: 20.732 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



Tgt Ion: 91 Resp: 197557
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2





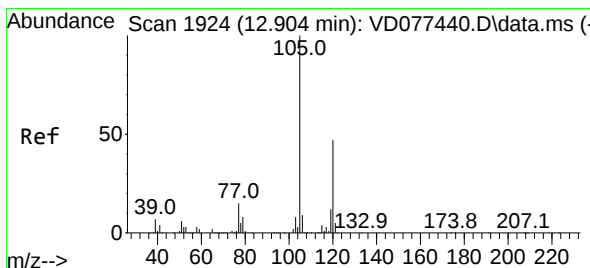
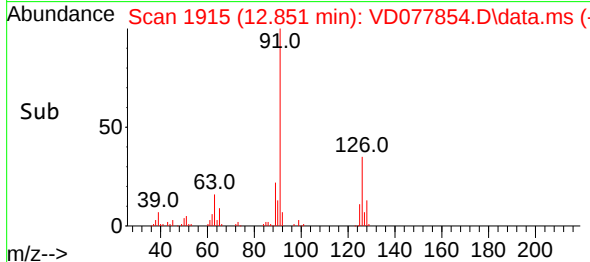
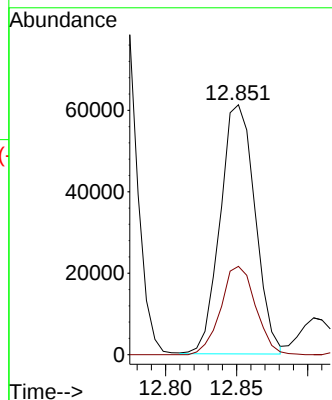
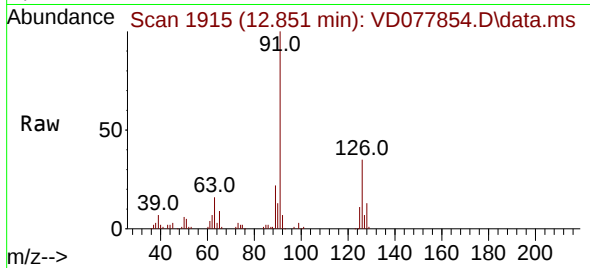
#79
2-Chlorotoluene
Concen: 20.505 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 91 Resp: 104711
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1

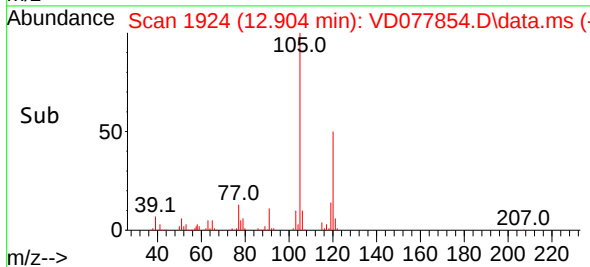
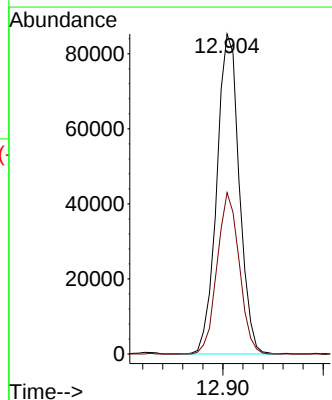
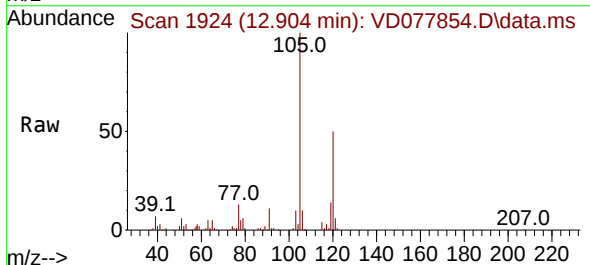
Manual Integrations
APPROVED

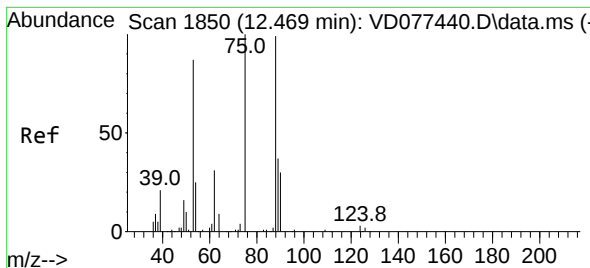
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.327 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Tgt Ion:105 Resp: 132576
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2





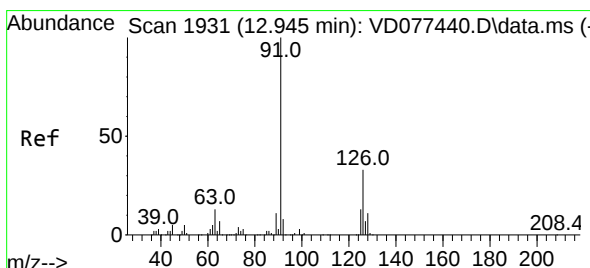
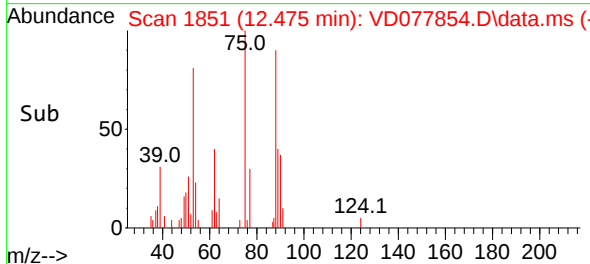
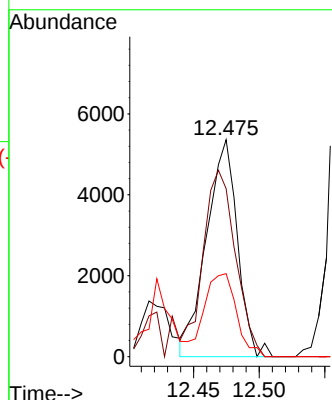
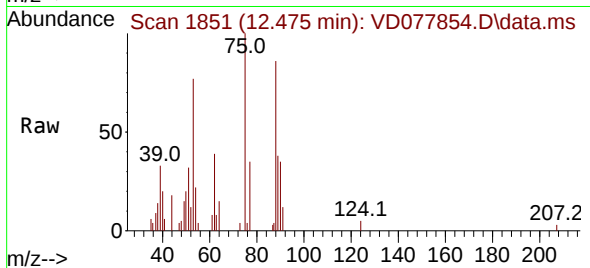
#81
trans-1,4-Dichloro-2-butene
Concen: 19.887 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion: 75 Resp: 8790
Ion Ratio Lower Upper
75 100
53 96.1 63.0 94.4
89 39.4 37.9 56.9

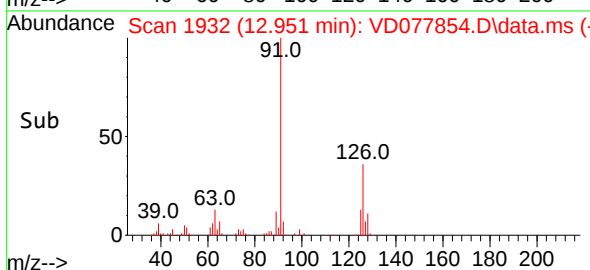
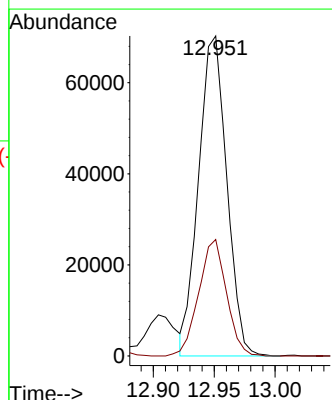
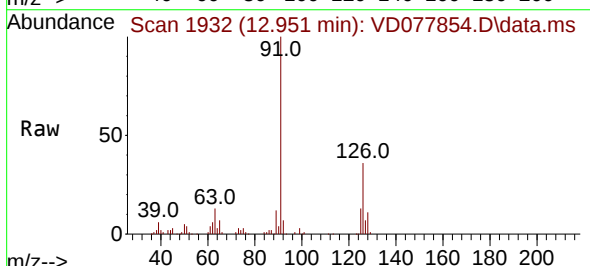
Manual Integrations
APPROVED

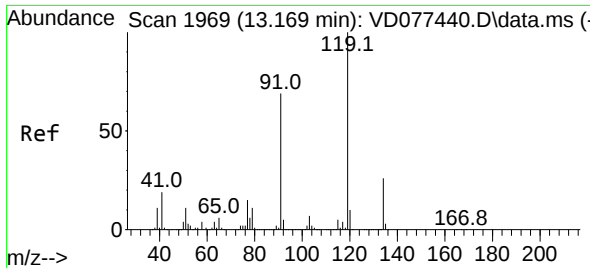
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#82
4-Chlorotoluene
Concen: 21.189 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

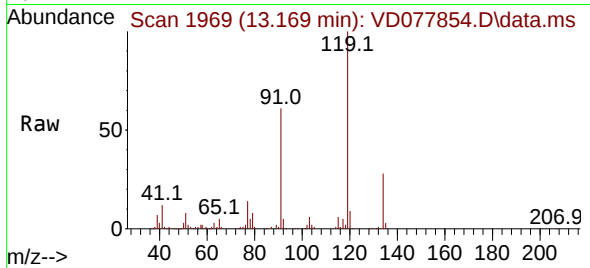
Tgt Ion: 91 Resp: 113123
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.458 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

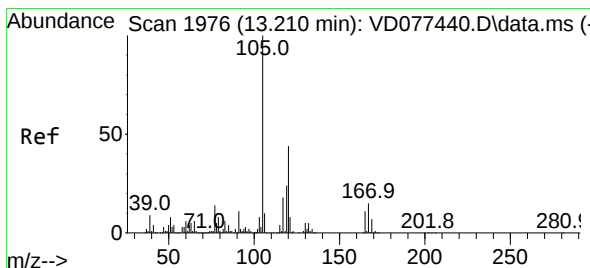
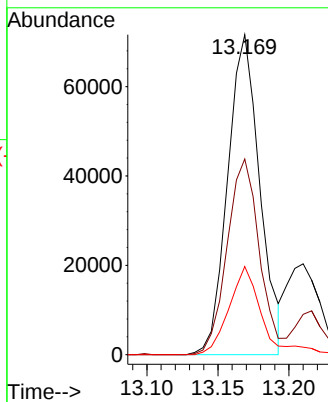
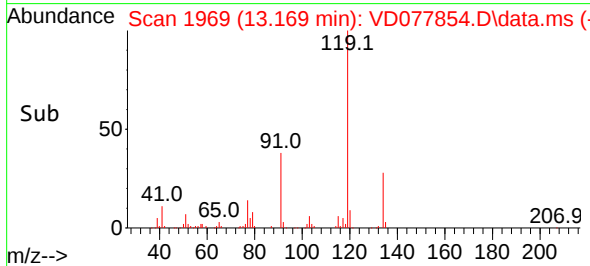
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



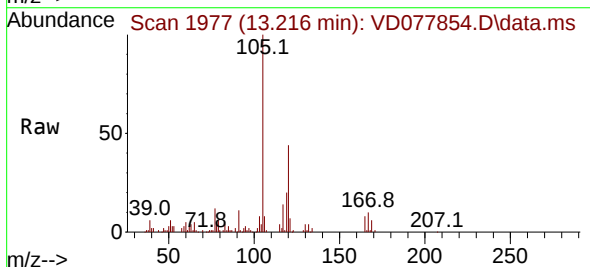
Tgt Ion:119 Resp: 112640
Ion Ratio Lower Upper
119 100
91 62.2 29.3 87.8
134 28.2 14.1 42.3

Manual Integrations
APPROVED

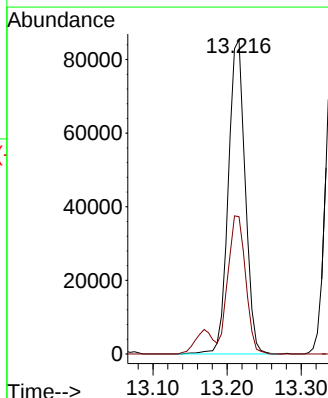
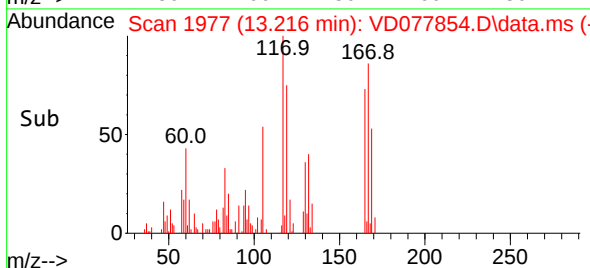
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

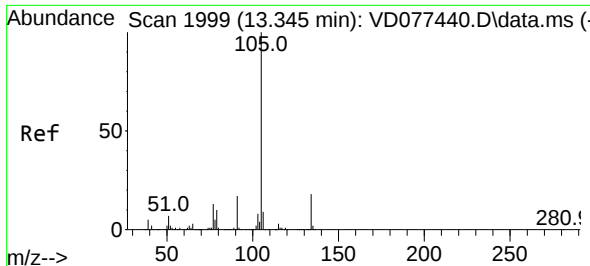


#84
1,2,4-Trimethylbenzene
Concen: 20.643 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



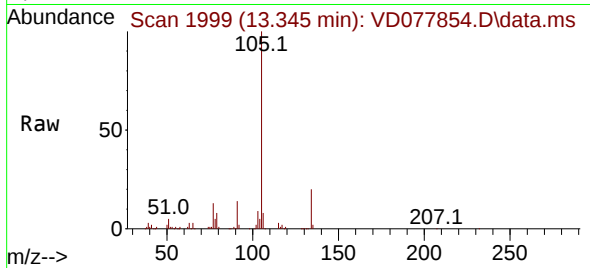
Tgt Ion:105 Resp: 134661
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.947 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077854.D
 Acq: 13 Dec 2023 11:36

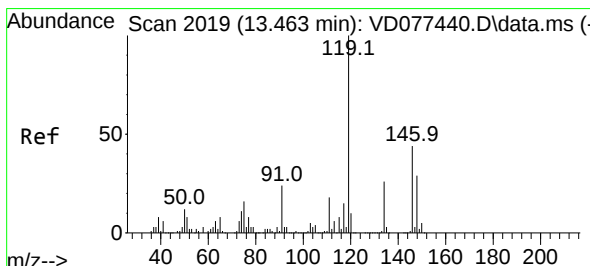
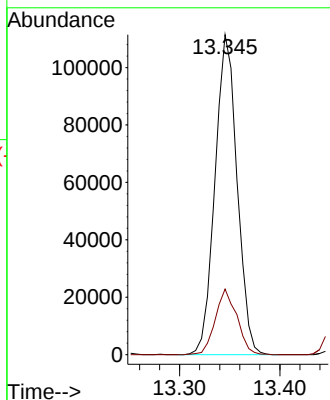
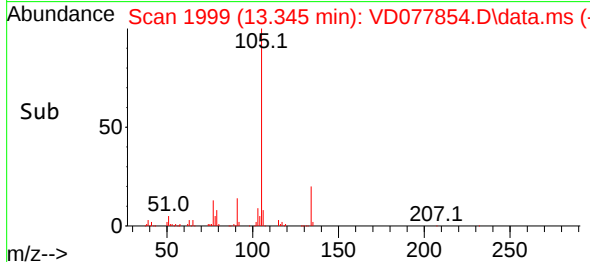
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01



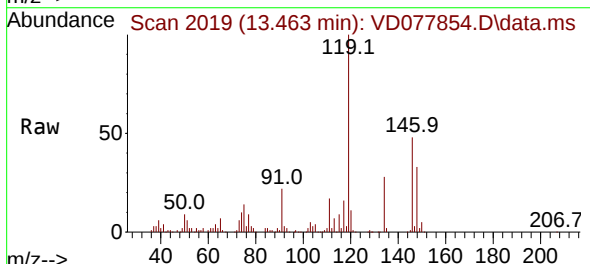
Tgt Ion:105 Resp: 170489
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9

Manual Integrations
 APPROVED

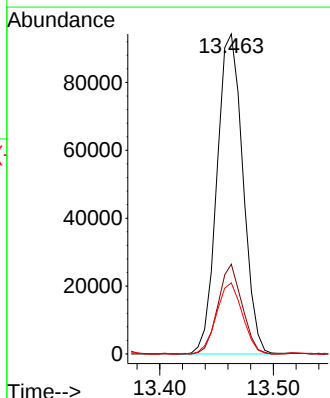
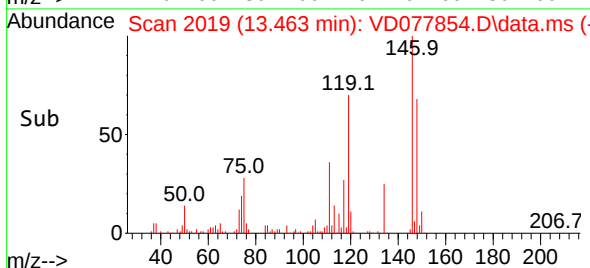
Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023

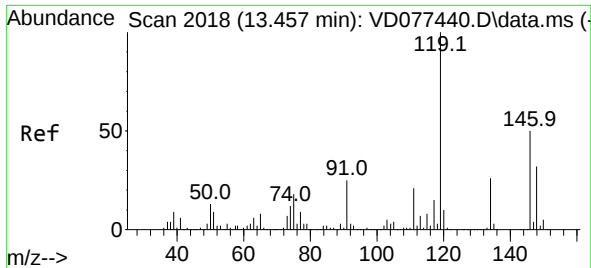


#86
 p-Isopropyltoluene
 Concen: 20.521 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077854.D
 Acq: 13 Dec 2023 11:36



Tgt Ion:119 Resp: 149542
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.485 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

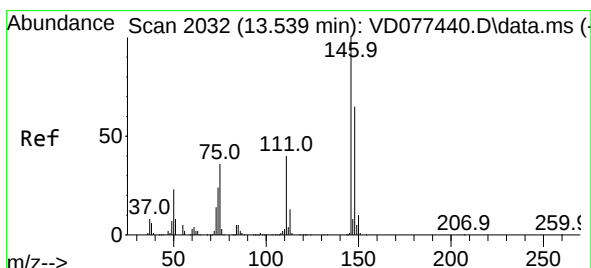
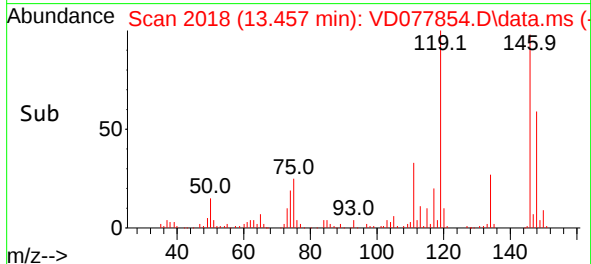
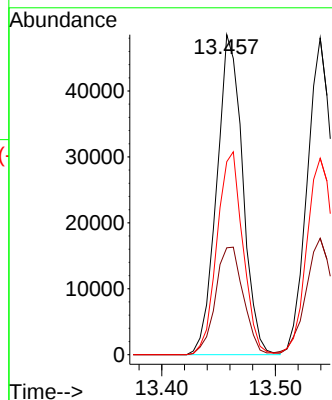
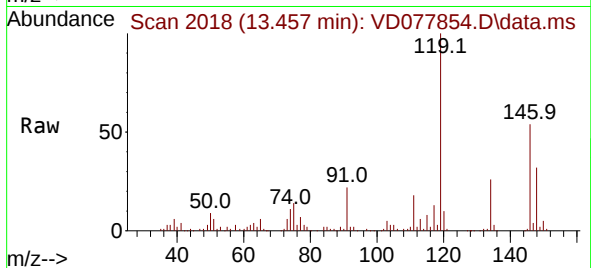
Tgt Ion:146 Resp: 77050

Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.9	53.8
148	63.2	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#88

1,4-Dichlorobenzene

Concen: 19.351 ug/l

RT: 13.539 min Scan# 2032

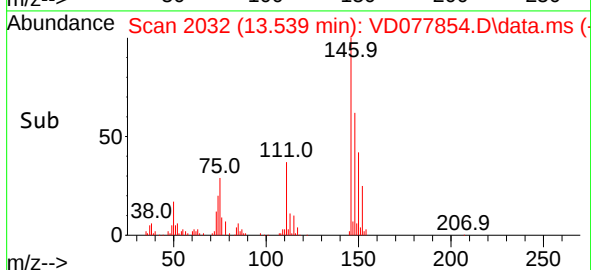
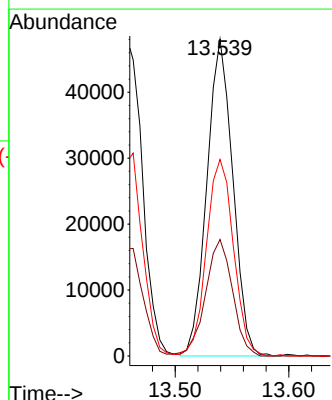
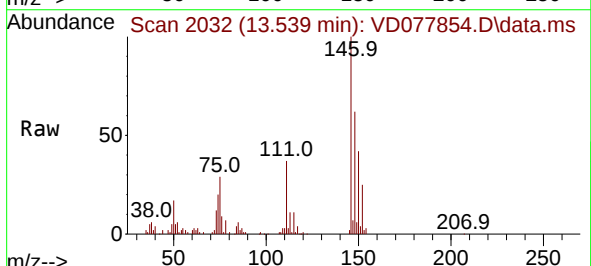
Delta R.T. 0.000 min

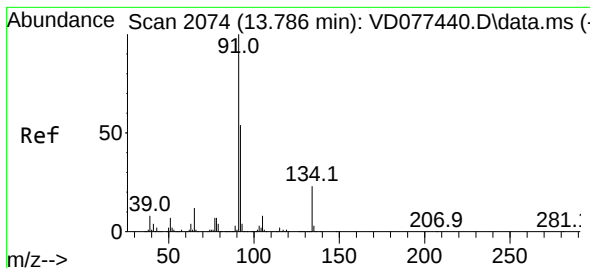
Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Tgt Ion:146 Resp: 76348

Ion	Ratio	Lower	Upper
146	100		
111	38.2	17.4	52.3
148	64.6	31.7	95.1





#89

n-Butylbenzene

Concen: 20.775 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD1213SBS01

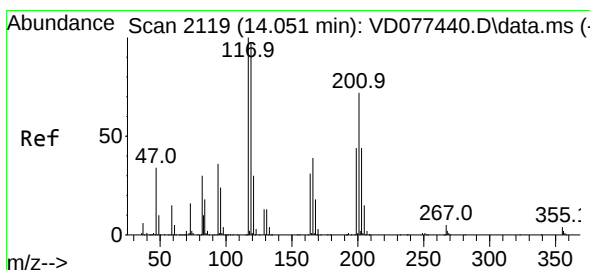
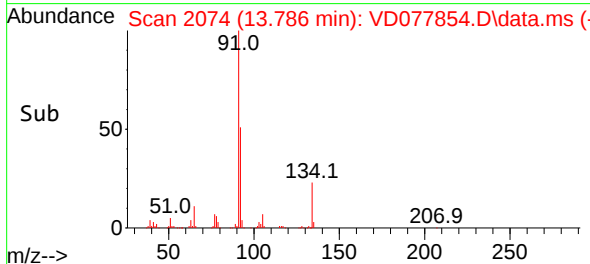
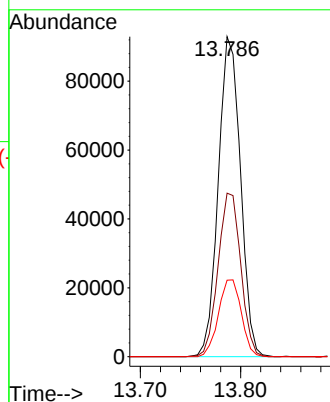
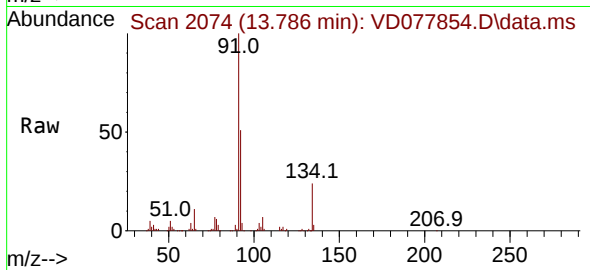
Tgt Ion: 91 Resp: 14245

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	24.8	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#90

Hexachloroethane

Concen: 21.730 ug/l

RT: 14.057 min Scan# 2120

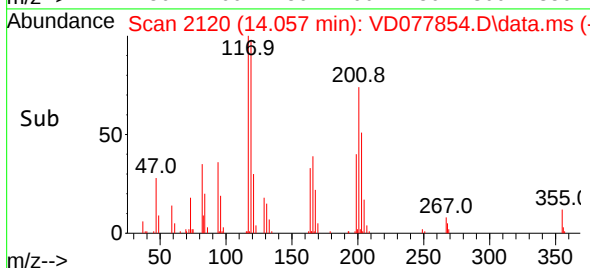
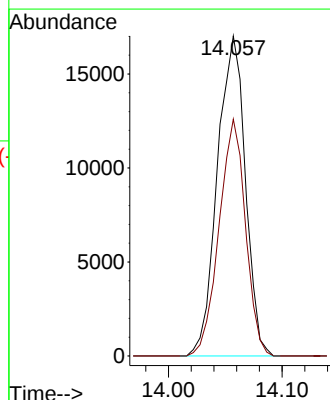
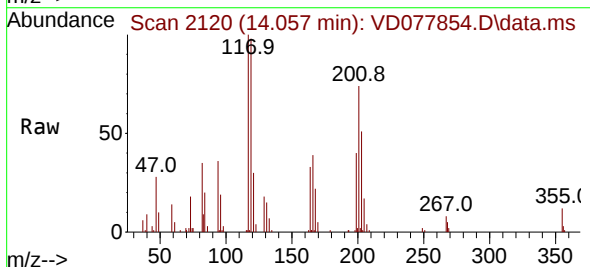
Delta R.T. 0.006 min

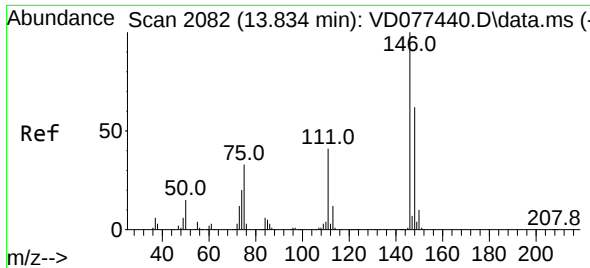
Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Tgt Ion:117 Resp: 29121

Ion	Ratio	Lower	Upper
117	100		
201	69.9	38.5	115.5





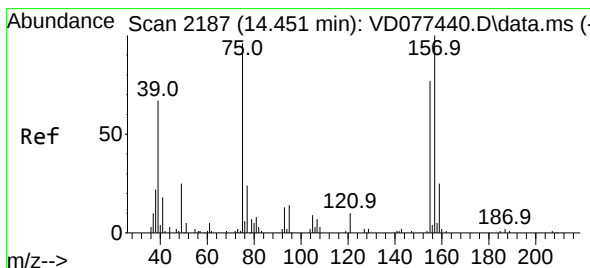
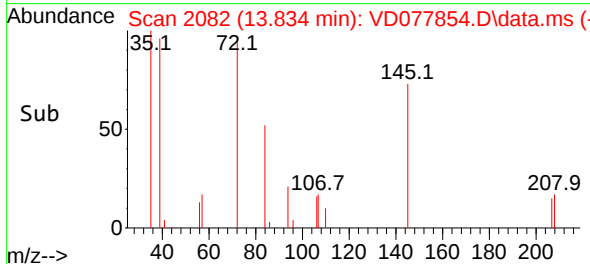
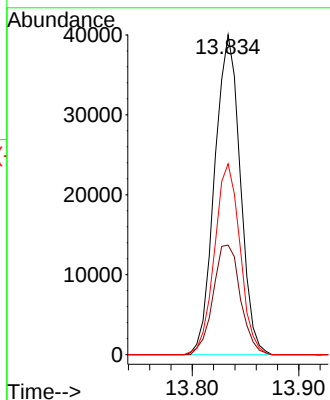
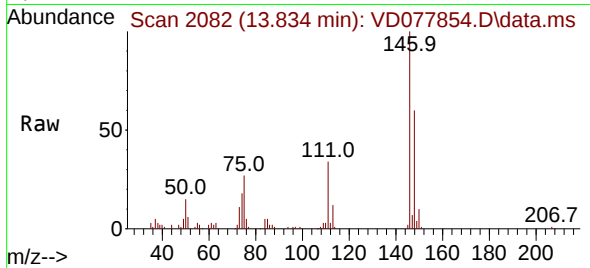
#91
1,2-Dichlorobenzene
Concen: 20.851 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Tgt Ion:146 Resp: 6670
Ion Ratio Lower Upper
146 100
111 36.6 18.3 54.8
148 59.5 31.6 94.7

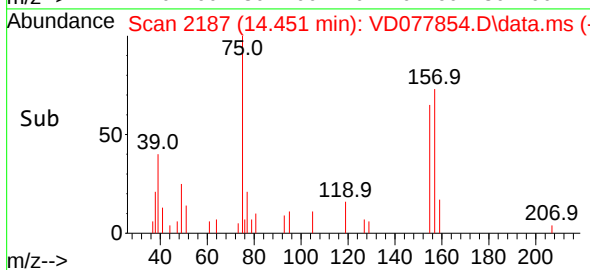
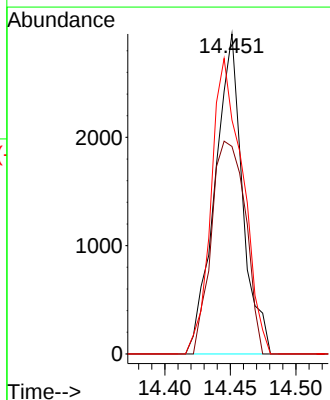
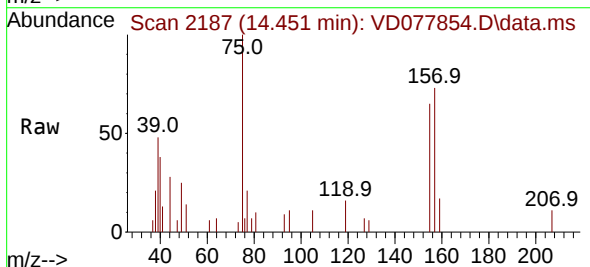
Manual Integrations
APPROVED

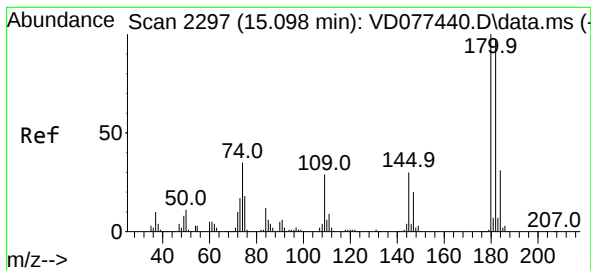
Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.438 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

Tgt Ion: 75 Resp: 4345
Ion Ratio Lower Upper
75 100
155 81.8 47.9 143.8
157 104.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.498 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

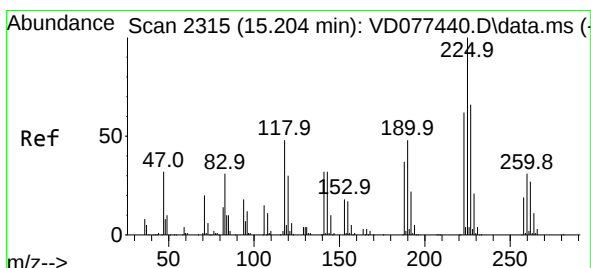
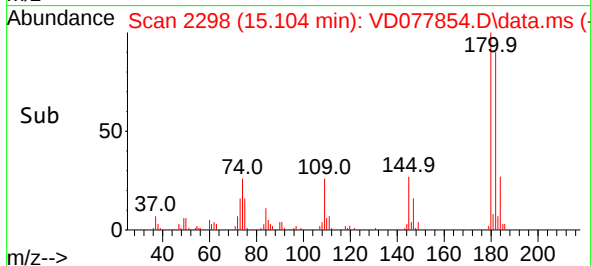
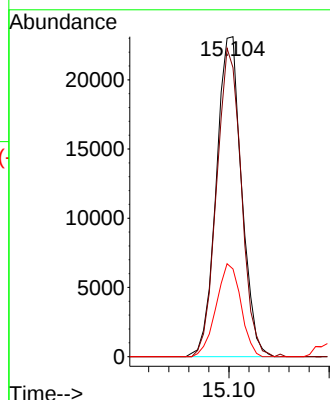
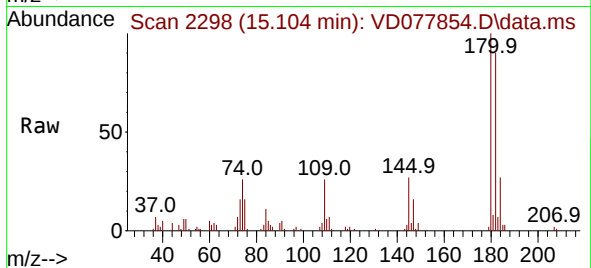
VD1213SBS01

Tgt Ion:	180	Resp:	4042
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.5	145.6
145	28.4	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#94

Hexachlorobutadiene

Concen: 18.565 ug/l

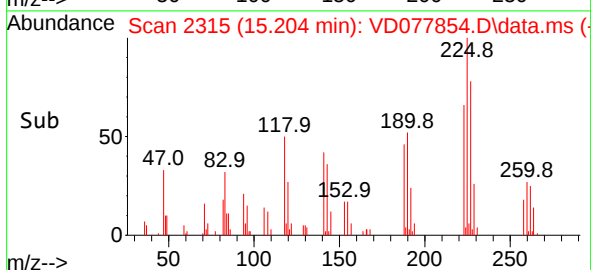
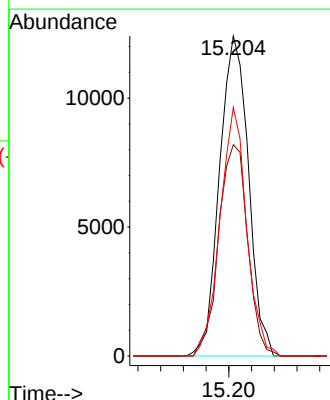
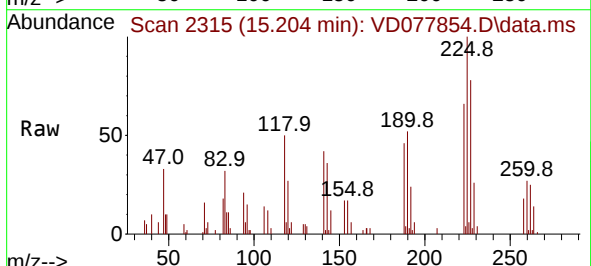
RT: 15.204 min Scan# 2315

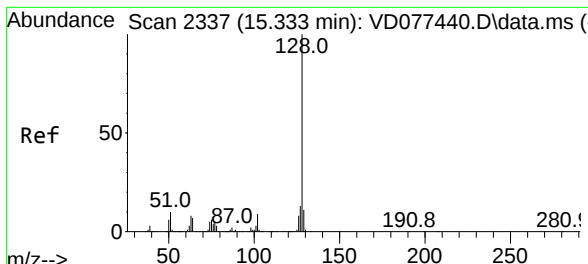
Delta R.T. 0.000 min

Lab File: VD077854.D

Acq: 13 Dec 2023 11:36

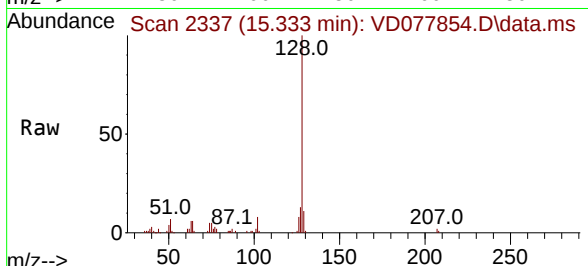
Tgt Ion:	225	Resp:	21876
Ion Ratio	Lower	Upper	
225	100		
223	66.4	31.6	94.8
227	71.6	31.7	95.1





#95
Naphthalene
Concen: 19.453 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36

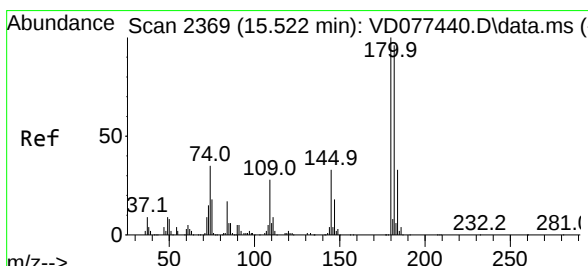
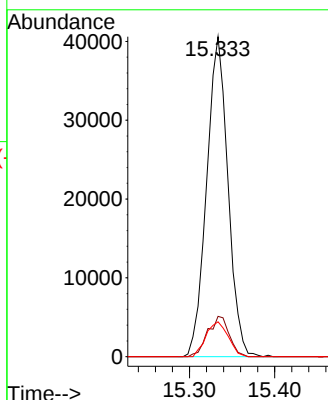
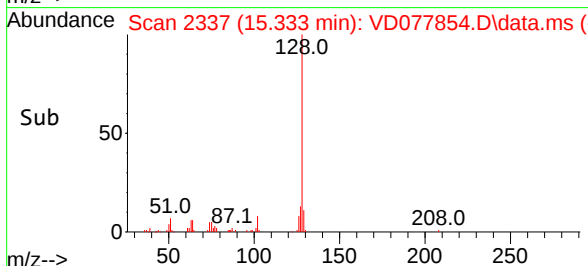
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01



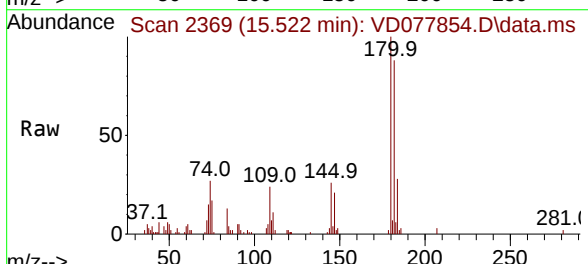
Tgt Ion:128 Resp: 7062
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.121 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077854.D
Acq: 13 Dec 2023 11:36



Tgt Ion:180 Resp: 34446
Ion Ratio Lower Upper
180 100
182 98.5 47.3 141.9
145 32.4 15.1 45.3

