

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078041.D
 Acq On : 21 Dec 2023 23:49
 Operator : RP/MD
 Sample : VD1221SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS02

Quant Time: Dec 22 05:43:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	101628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	168418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67213	56.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.260%			
35) Dibromofluoromethane	7.805	113	73835	57.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.180%			
50) Toluene-d8	10.269	98	285082	55.033	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.060%			
62) 4-Bromofluorobenzene	12.575	95	84046	54.267	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23914	18.837	ug/l	99
3) Chloromethane	2.152	50	38697	22.363	ug/l	91
4) Vinyl Chloride	2.287	62	54541	23.217	ug/l	95
5) Bromomethane	2.693	94	45515	34.529	ug/l	96
6) Chloroethane	2.846	64	40469	25.268	ug/l	96
7) Trichlorofluoromethane	3.181	101	44640	20.633	ug/l	94
8) Diethyl Ether	3.593	74	13205	21.736	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	27686	22.368	ug/l	96
10) Methyl Iodide	4.164	142	28160	29.200	ug/l	91
11) Tert butyl alcohol	5.046	59	5584	89.596	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	26413	21.622	ug/l #	80
13) Acrolein	3.799	56	8992	70.983	ug/l	99
14) Allyl chloride	4.569	41	34316	20.425	ug/l	90
15) Acrylonitrile	5.263	53	28865	110.970	ug/l	97
16) Acetone	4.022	43	33604	112.484	ug/l	88
17) Carbon Disulfide	4.275	76	69986	16.934	ug/l	97
18) Methyl Acetate	4.564	43	21242	22.523	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	59410	22.922	ug/l	97
20) Methylene Chloride	4.811	84	44235	29.173	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	30711	22.195	ug/l #	83
22) Diisopropyl ether	6.222	45	76886	21.899	ug/l #	94
23) Vinyl Acetate	6.158	43	157946m	92.120	ug/l	
24) 1,1-Dichloroethane	6.110	63	57989	24.389	ug/l	98
25) 2-Butanone	7.087	43	39018	110.127	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	44696	22.390	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	36876	24.768	ug/l	93
28) Bromochloromethane	7.434	49	19804	20.613	ug/l	81
29) Tetrahydrofuran	7.452	42	18824	98.712	ug/l	92
30) Chloroform	7.593	83	61011	25.639	ug/l	100
31) Cyclohexane	7.881	56	37781	17.737	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	50150	23.906	ug/l	98
36) 1,1-Dichloropropene	8.010	75	41362	19.993	ug/l	96
37) Ethyl Acetate	7.175	43	13254	16.430	ug/l #	93
38) Carbon Tetrachloride	7.993	117	43215	20.953	ug/l	93
39) Methylcyclohexane	9.275	83	41534	16.935	ug/l	98
40) Benzene	8.252	78	128772	21.930	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7968m	19.434	ug/l	
42) 1,2-Dichloroethane	8.328	62	35676	23.439	ug/l	95
43) Isopropyl Acetate	8.363	43	27342	19.067	ug/l #	82
44) Trichloroethene	9.028	130	34741	22.704	ug/l	98
45) 1,2-Dichloropropane	9.310	63	32552	22.805	ug/l	90
46) Dibromomethane	9.399	93	17808	23.578	ug/l	88
47) Bromodichloromethane	9.581	83	44730	23.366	ug/l	96
48) Methyl methacrylate	9.387	41	15910	19.518	ug/l	80
49) 1,4-Dioxane	9.381	88	2506	334.152	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	69854	95.448	ug/l	92
52) Toluene	10.334	92	80564	22.119	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	39736	21.615	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	49631	22.330	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	24253	23.476	ug/l	96
56) Ethyl methacrylate	10.593	69	18185	19.968	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	40192	22.570	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	41462	79.834	ug/l	93
59) 2-Hexanone	10.922	43	54164	89.206	ug/l	92
60) Dibromochloromethane	11.075	129	30168	24.254	ug/l	99
61) 1,2-Dibromoethane	11.181	107	22411	23.045	ug/l	96
64) Tetrachloroethene	10.810	164	27777	22.440	ug/l	94
65) Chlorobenzene	11.610	112	87164	20.873	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	32937	23.518	ug/l	97
67) Ethyl Benzene	11.687	91	155152	22.127	ug/l	97
68) m/p-Xylenes	11.793	106	116215	43.331	ug/l	90
69) o-Xylene	12.122	106	53386	21.598	ug/l	89
70) Styrene	12.134	104	83243	22.648	ug/l	93
71) Bromoform	12.298	173	17559	23.995	ug/l #	94
73) Isopropylbenzene	12.422	105	144929	22.622	ug/l	96
74) N-amyl acetate	12.234	43	24364	19.347	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27516	24.632	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	17968m	24.475	ug/l	
77) Bromobenzene	12.698	156	34180	22.682	ug/l	89
78) n-propylbenzene	12.763	91	181488	23.248	ug/l	94
79) 2-Chlorotoluene	12.845	91	96383	23.038	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	120901	22.627	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	8556	23.613	ug/l #	94
82) 4-Chlorotoluene	12.945	91	103438	23.650	ug/l	96
83) tert-Butylbenzene	13.163	119	106748	23.664	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	123560	23.120	ug/l	95
85) sec-Butylbenzene	13.345	105	150914	22.633	ug/l	96
86) p-Isopropyltoluene	13.463	119	133611	22.381	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	72489	23.523	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	70948	22.173	ug/l	97
89) n-Butylbenzene	13.787	91	126148	22.456	ug/l	97
90) Hexachloroethane	14.051	117	27475	25.025	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	61711	23.546	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3695	22.291	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	36396	20.331	ug/l	97
94) Hexachlorobutadiene	15.198	225	19409	20.106	ug/l	98
95) Naphthalene	15.328	128	63201	21.248	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	30811	20.877	ug/l	99

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

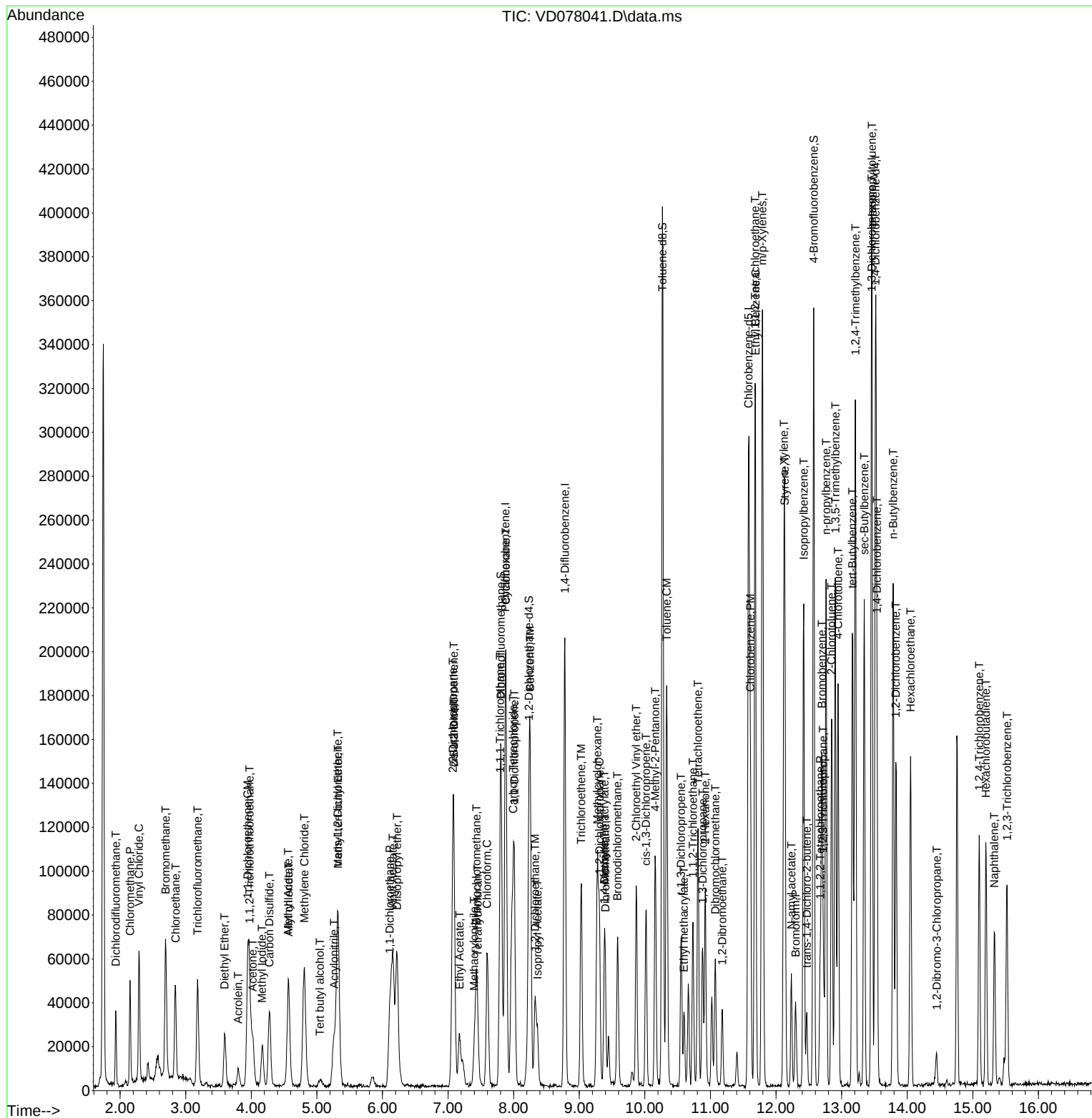
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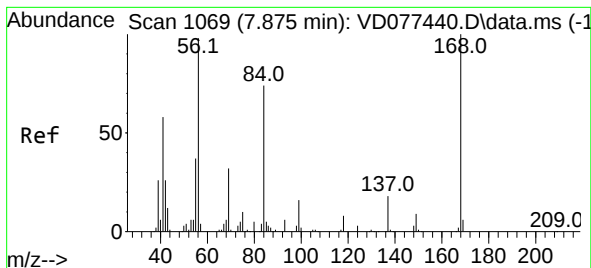
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion:168 Resp: 101628

Ion Ratio Lower Upper

168 100

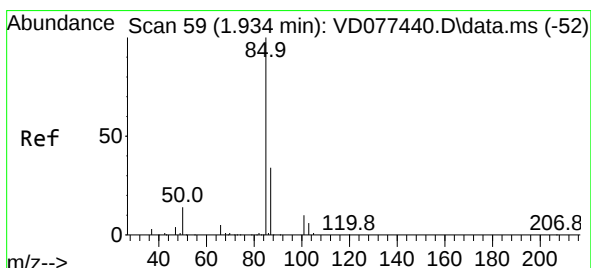
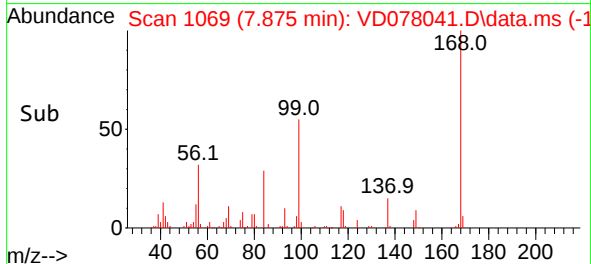
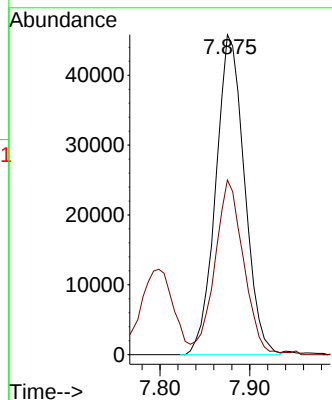
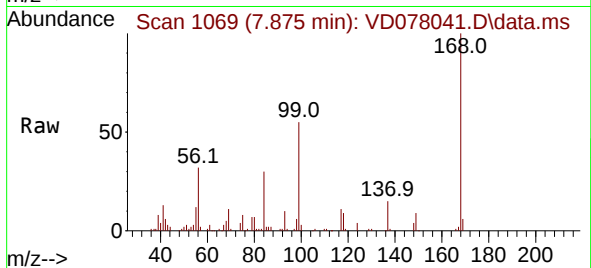
99 54.0 36.7 55.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.837 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078041.D

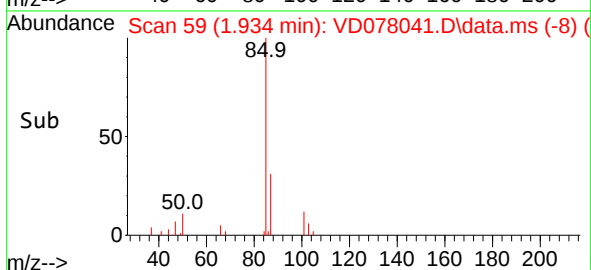
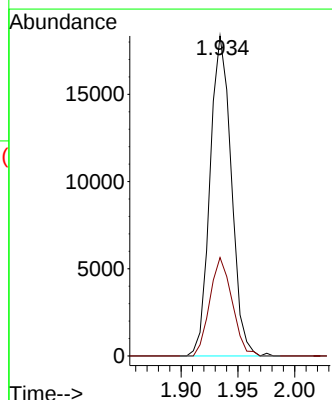
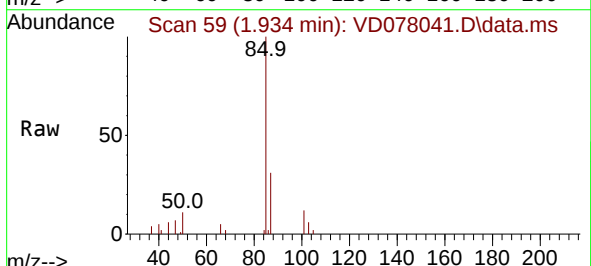
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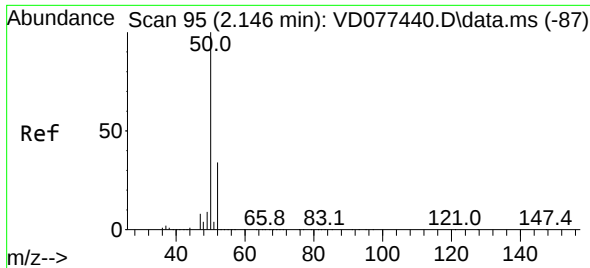
Tgt Ion: 85 Resp: 23914

Ion Ratio Lower Upper

85 100

87 30.8 15.7 47.0





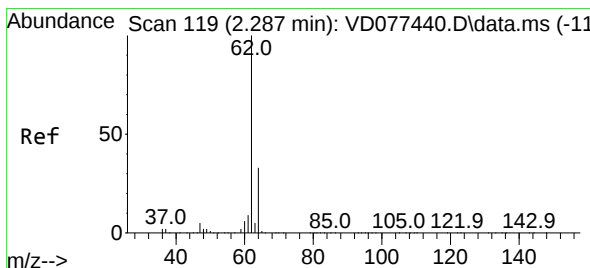
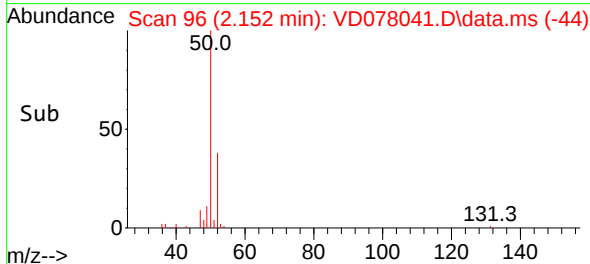
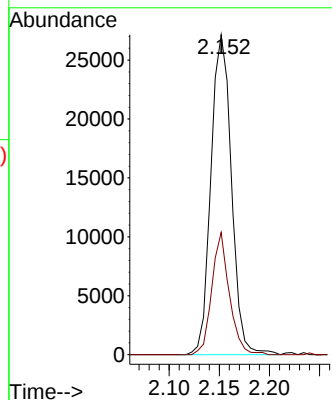
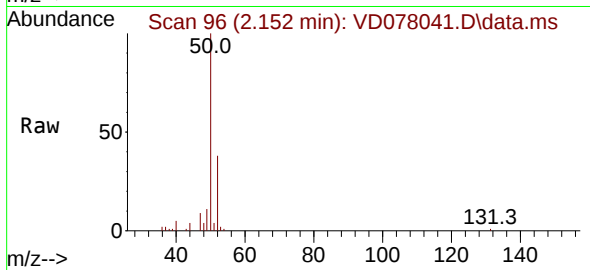
#3
Chloromethane
Concen: 22.363 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 50 Resp: 3869
Ion Ratio Lower Upper
50 100
52 38.2 26.6 40.0

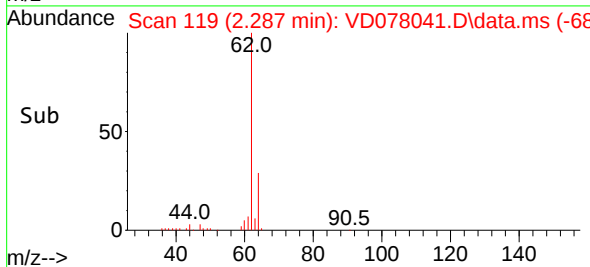
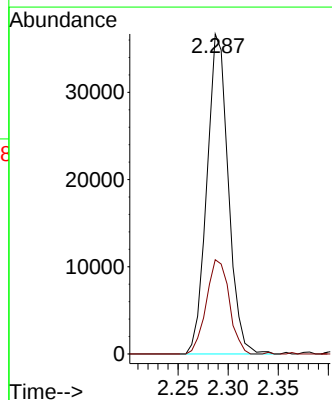
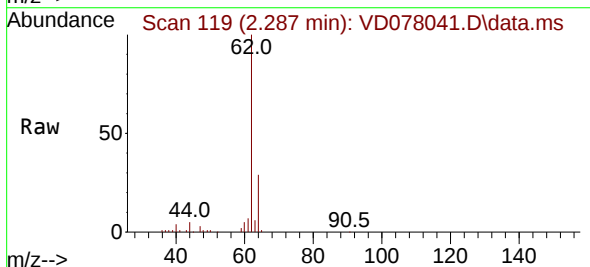
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#4
Vinyl Chloride
Concen: 23.217 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

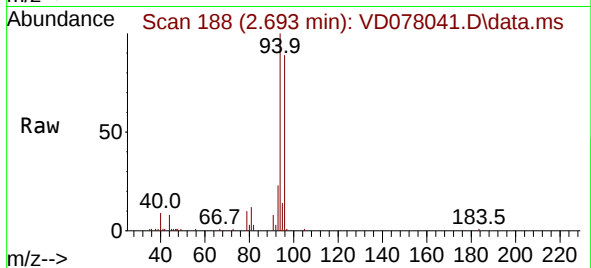
Tgt Ion: 62 Resp: 54541
Ion Ratio Lower Upper
62 100
64 29.5 26.0 39.0





#5
Bromomethane
Concen: 34.529 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

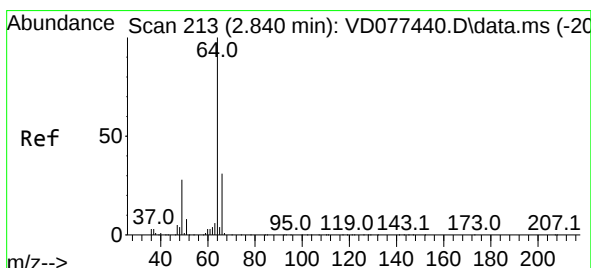
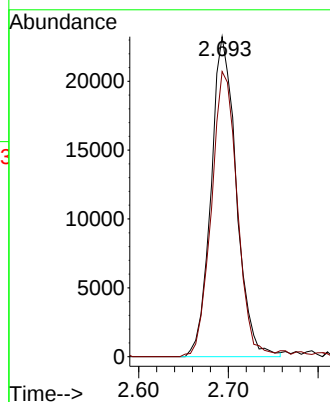
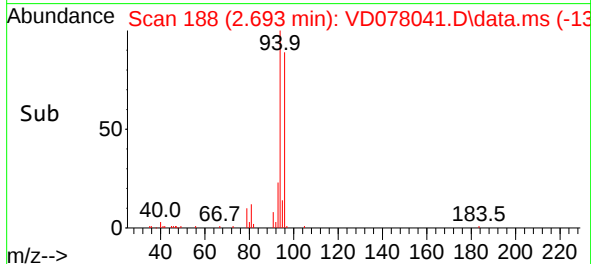
Instrument :
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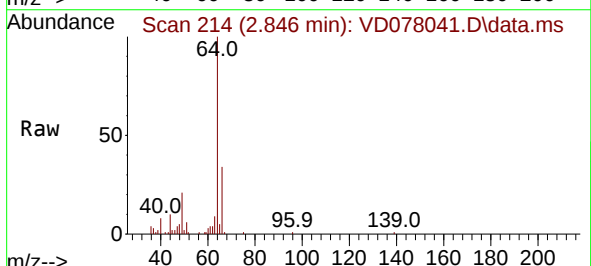
Tgt Ion: 94 Resp: 4551
Ion Ratio Lower Upper
94 100
96 91.0 75.8 113.8

Manual Integrations
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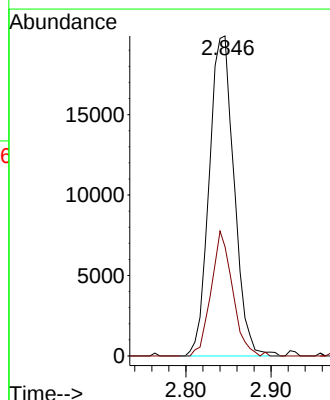
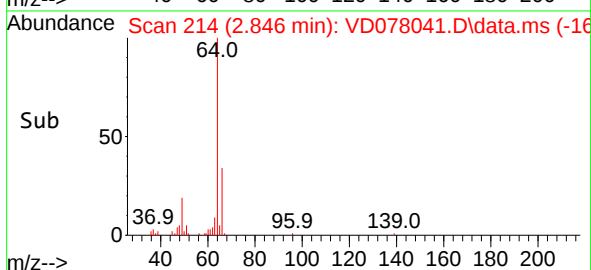
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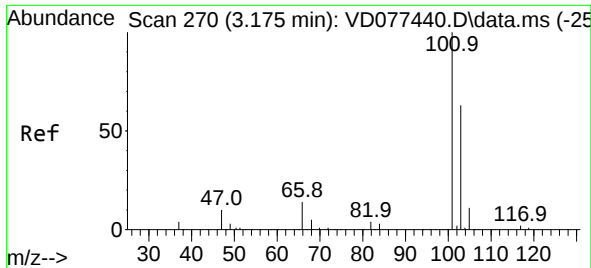


#6
Chloroethane
Concen: 25.268 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



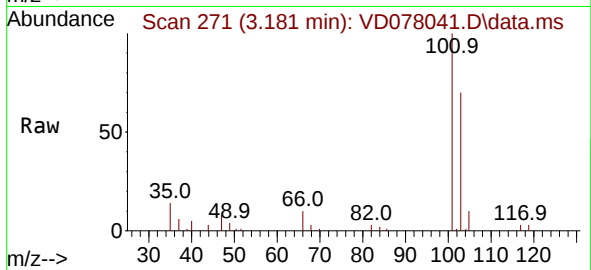
Tgt Ion: 64 Resp: 40469
Ion Ratio Lower Upper
64 100
66 34.2 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 20.633 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

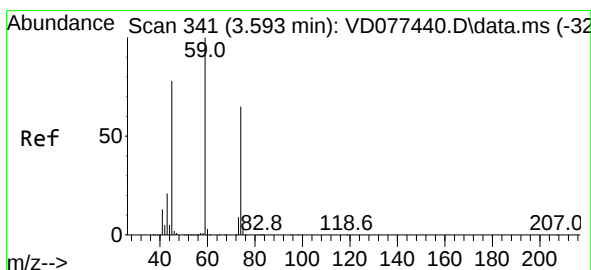
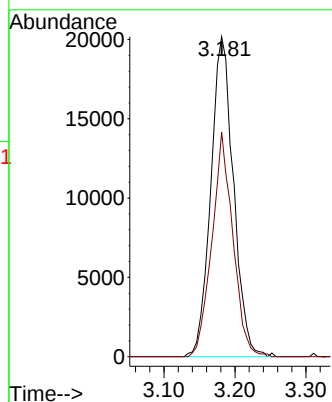
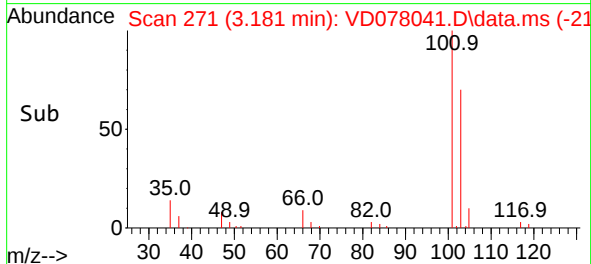
Instrument :
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Tgt Ion:101 Resp: 44640
 Ion Ratio Lower Upper
 101 100
 103 70.2 52.3 78.5

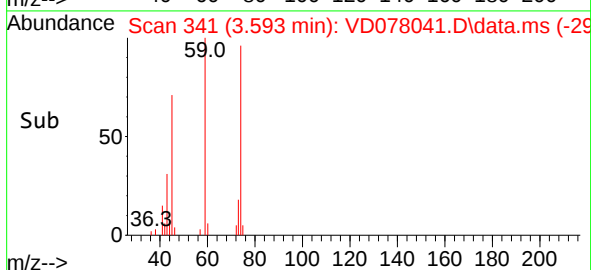
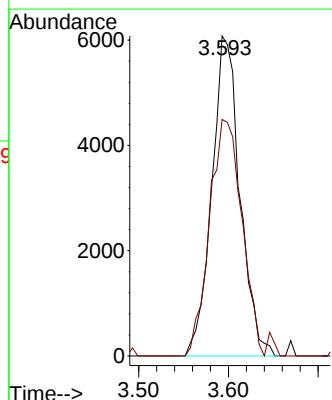
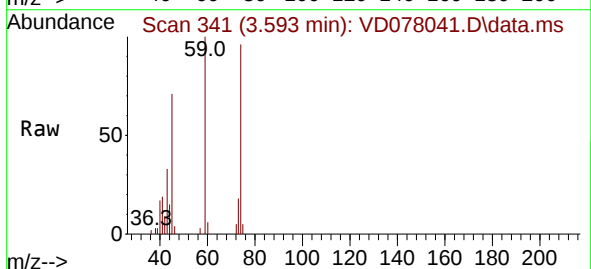
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 Supervised By :Semsettin Yesilyurt 12/22/2023



#8
 Diethyl Ether
 Concen: 21.736 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

Tgt Ion: 74 Resp: 13205
 Ion Ratio Lower Upper
 74 100
 45 85.2 37.5 112.7





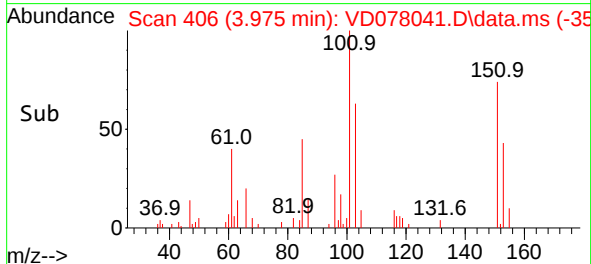
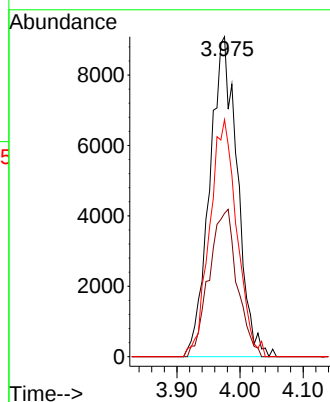
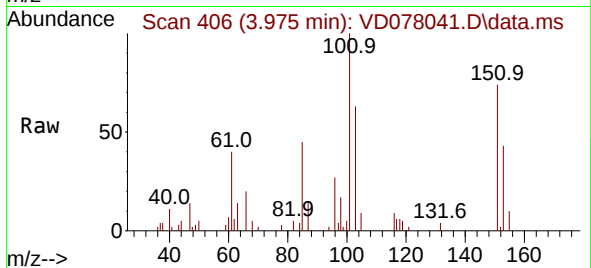
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.368 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion:101 Resp: 27680
Ion Ratio Lower Upper
101 100
85 46.6 33.8 50.6
151 72.7 59.8 89.6

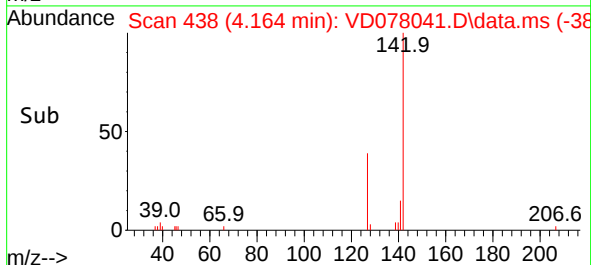
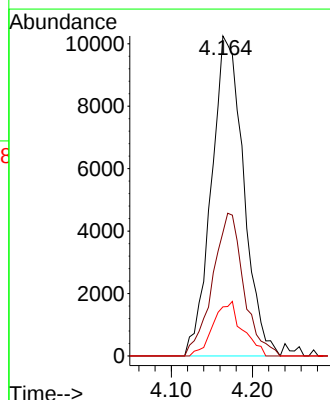
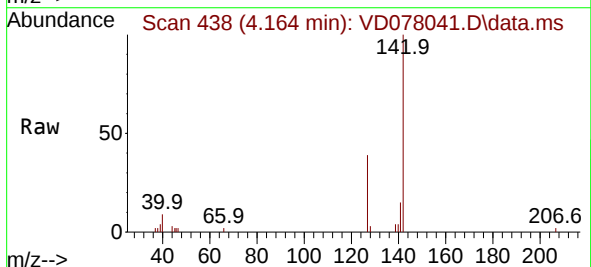
Manual Integrations
APPROVED

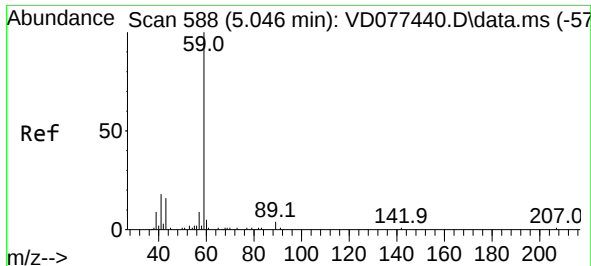
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 29.200 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

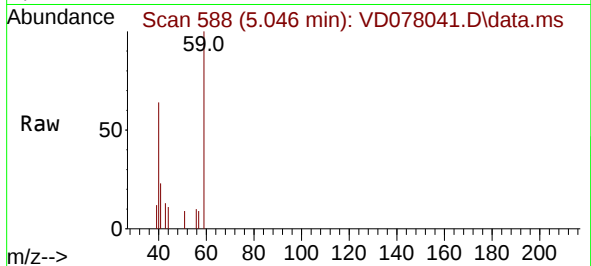
Tgt Ion:142 Resp: 28160
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 15.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 89.596 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

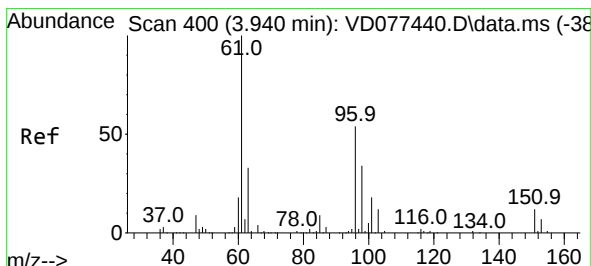
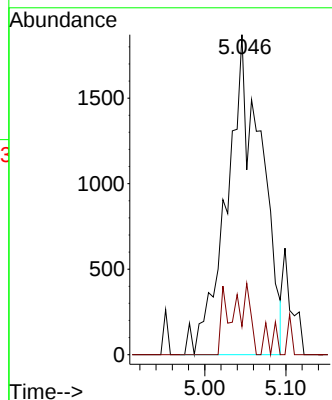
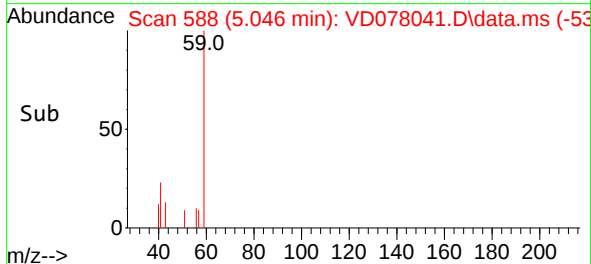
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



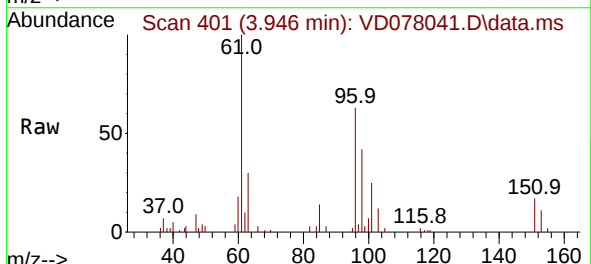
Tgt Ion: 59 Resp: 5584
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8

Manual Integrations
APPROVED

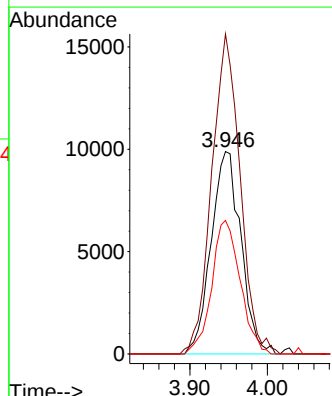
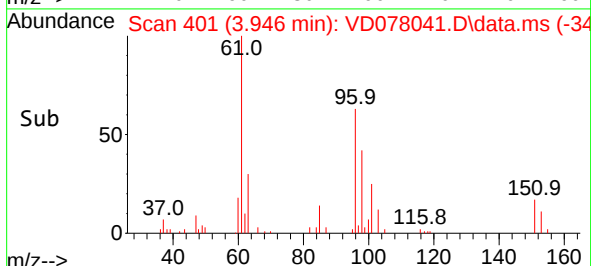
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

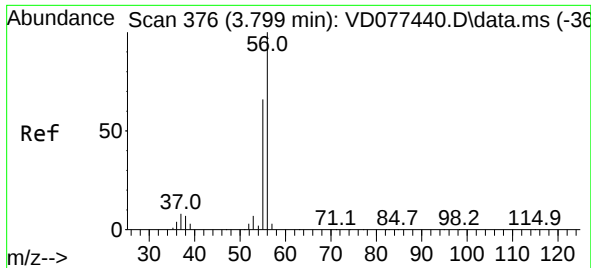


#12
1,1-Dichloroethene
Concen: 21.622 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



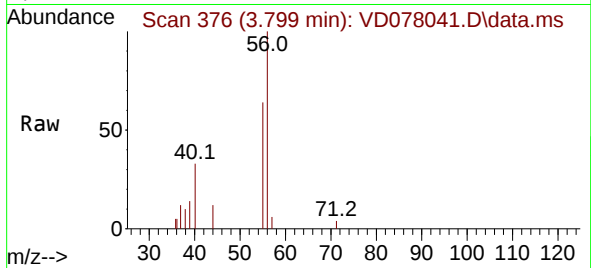
Tgt Ion: 96 Resp: 26413
Ion Ratio Lower Upper
96 100
61 158.1 100.6 150.8#
98 66.0 50.2 75.2





#13
Acrolein
Concen: 70.983 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

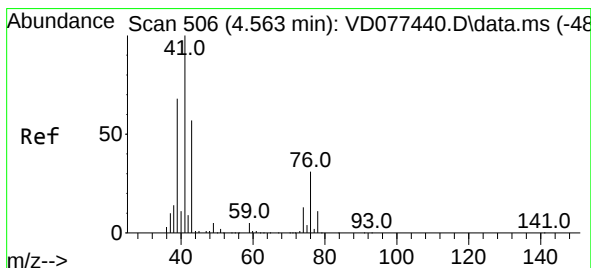
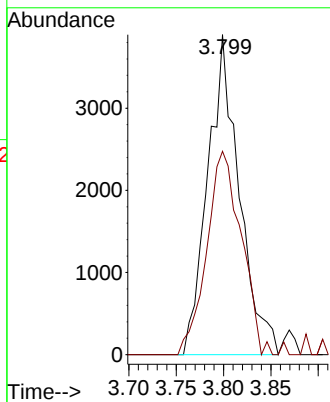
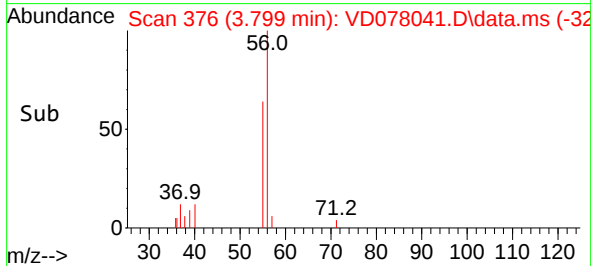
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



Tgt Ion: 56 Resp: 899
Ion Ratio Lower Upper
56 100
55 69.8 55.1 82.7

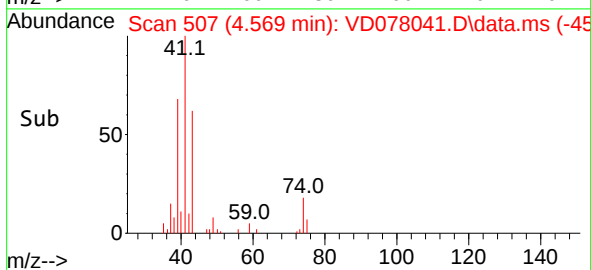
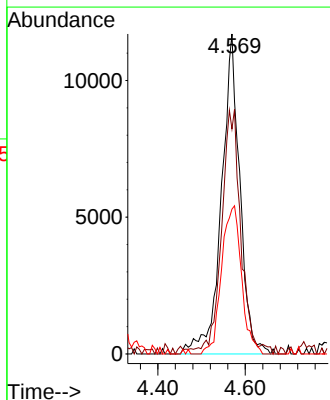
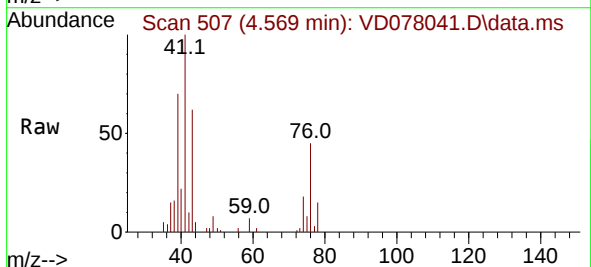
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#14
Allyl chloride
Concen: 20.425 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

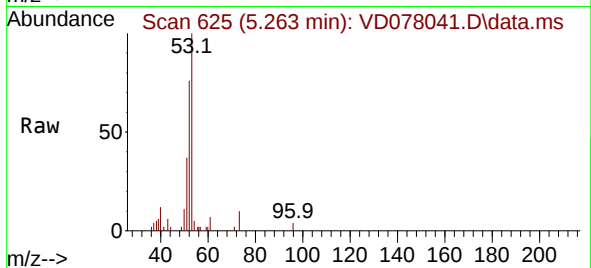
Tgt Ion: 41 Resp: 34316
Ion Ratio Lower Upper
41 100
39 75.0 53.8 80.6
76 49.9 45.8 68.8





#15
Acrylonitrile
Concen: 110.970 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

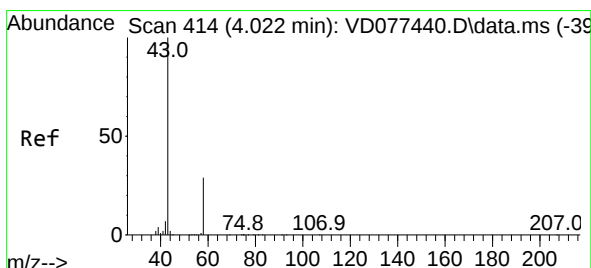
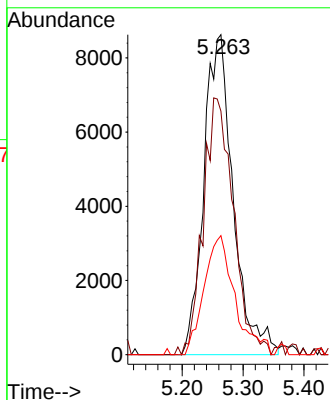
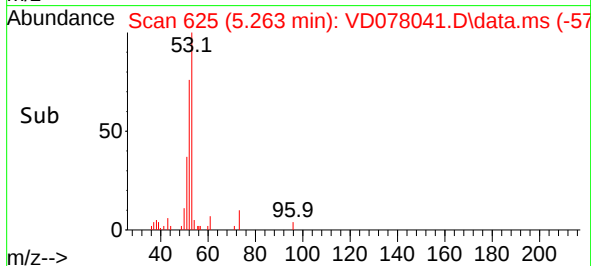
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



Tgt Ion: 53 Resp: 2886
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.4
51 39.0 28.3 42.5

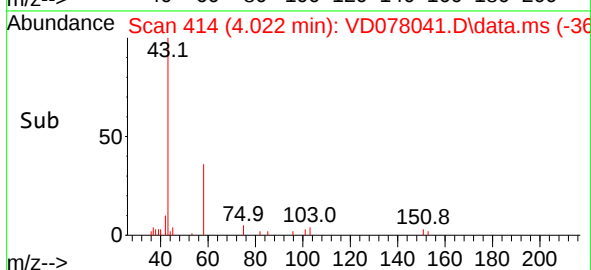
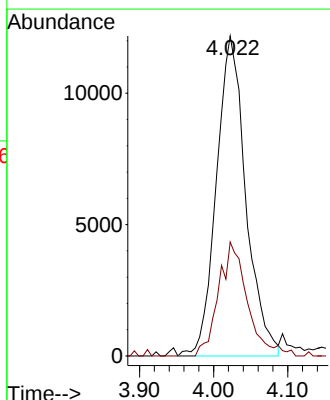
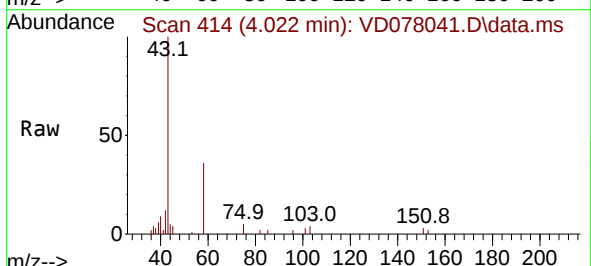
Manual Integrations
APPROVED

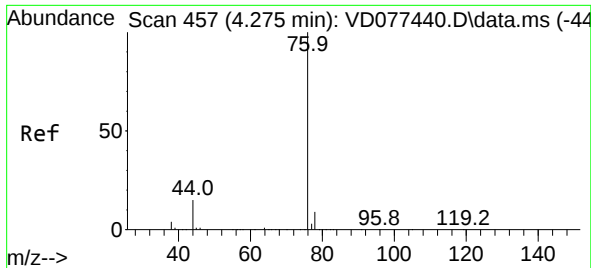
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#16
Acetone
Concen: 112.484 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

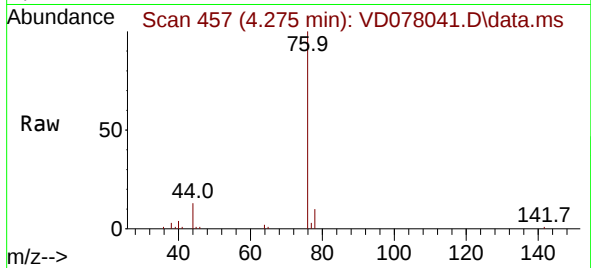
Tgt Ion: 43 Resp: 33604
Ion Ratio Lower Upper
43 100
58 35.6 34.7 52.1





#17
Carbon Disulfide
Concen: 16.934 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

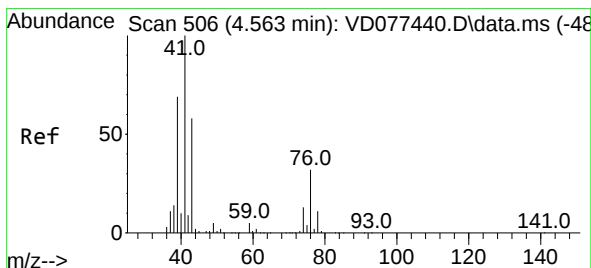
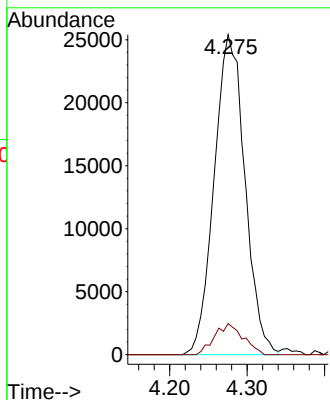
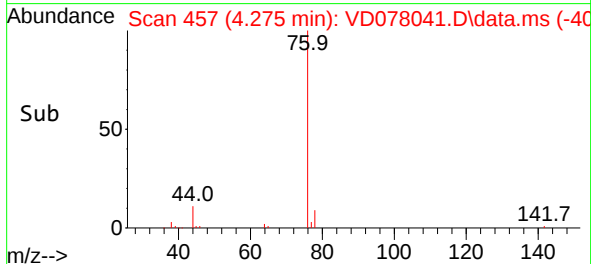
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



Tgt Ion: 76 Resp: 6998
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

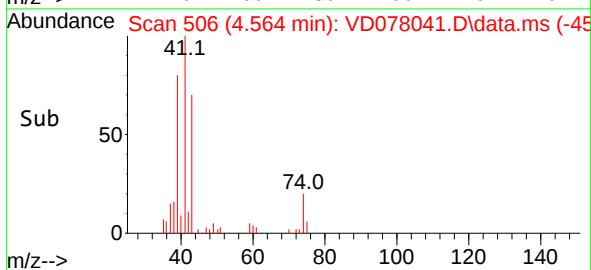
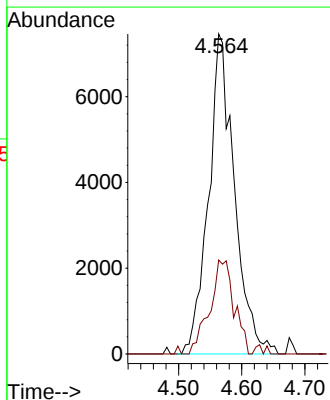
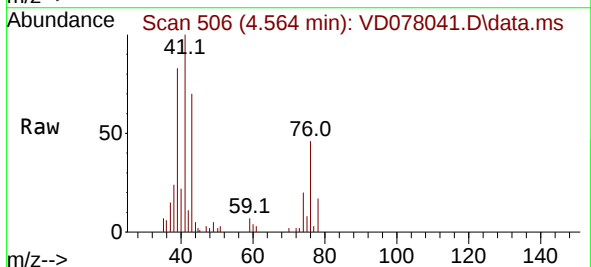
Manual Integrations
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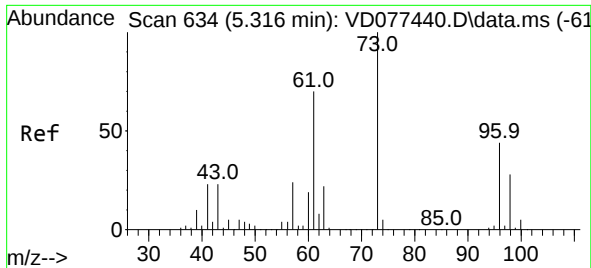
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#18
Methyl Acetate
Concen: 22.523 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 43 Resp: 21242
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6





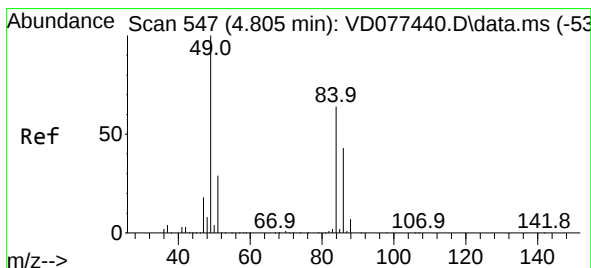
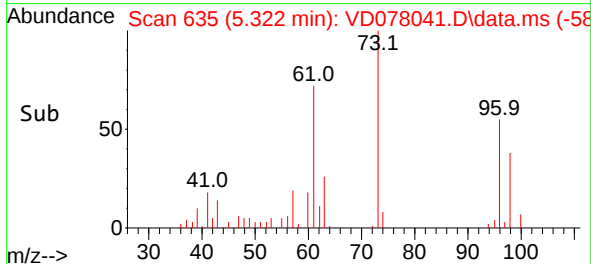
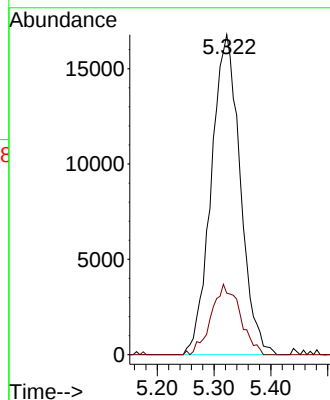
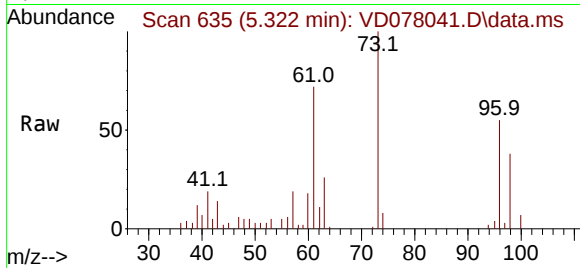
#19
Methyl tert-butyl Ether
Concen: 22.922 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 73 Resp: 59410
Ion Ratio Lower Upper
73 100
57 19.2 16.6 25.0

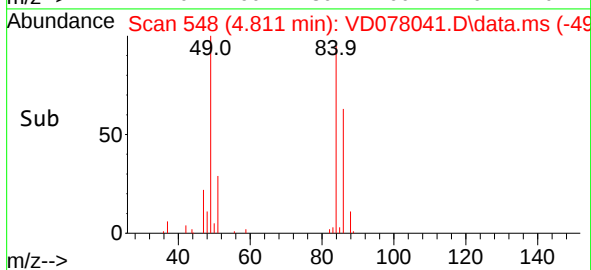
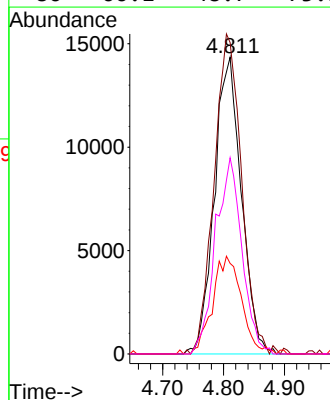
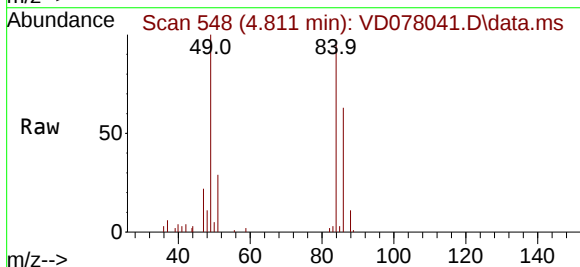
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#20
Methylene Chloride
Concen: 29.173 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

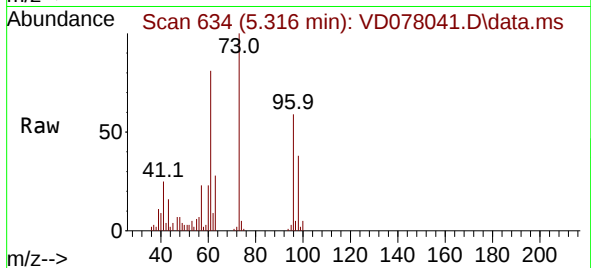
Tgt Ion: 84 Resp: 44235
Ion Ratio Lower Upper
84 100
49 104.9 71.4 107.2
51 29.2 24.5 36.7
86 66.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 22.195 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

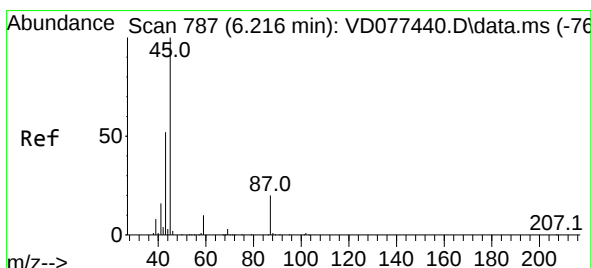
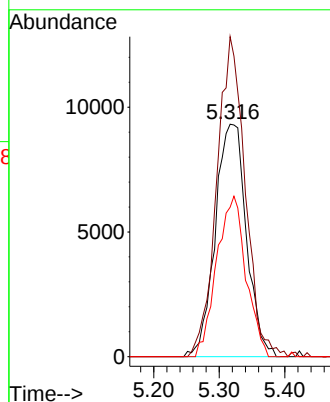
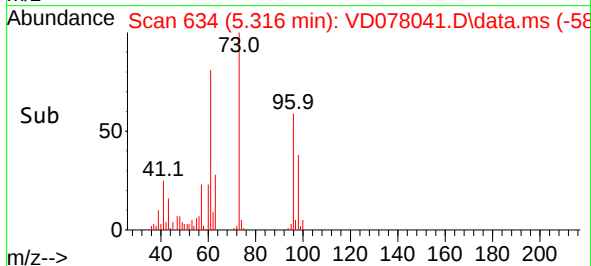
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



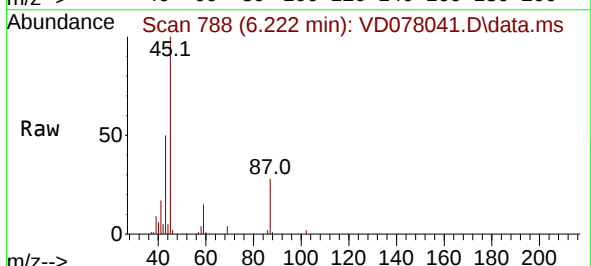
Tgt Ion: 96 Resp: 3071
Ion Ratio Lower Upper
96 100
61 137.6 89.3 133.9
98 64.3 48.6 73.0

Manual Integrations
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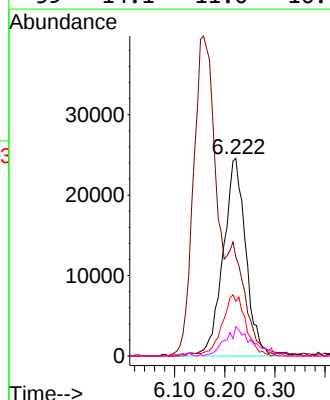
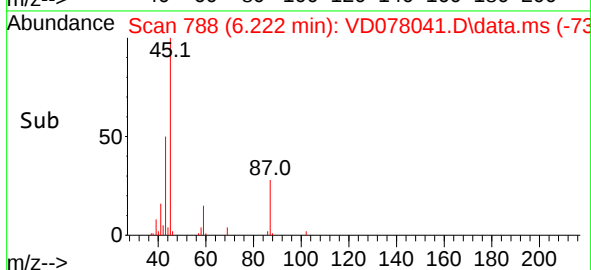
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

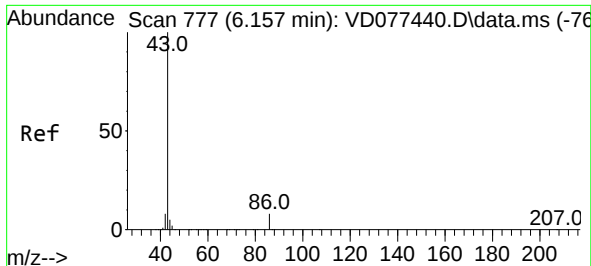


#22
Diisopropyl ether
Concen: 21.899 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



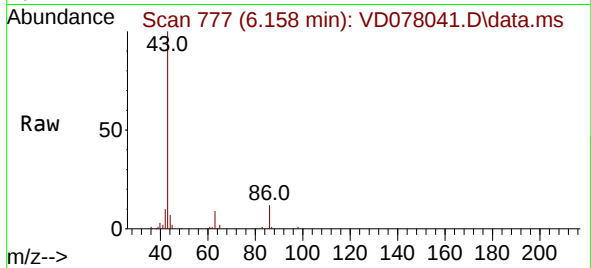
Tgt Ion: 45 Resp: 76886
Ion Ratio Lower Upper
45 100
43 48.2 40.0 60.0
87 27.7 28.2 42.4
59 14.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 92.120 ug/l m
 RT: 6.158 min Scan# 777
 Delta R.T. 0.001 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

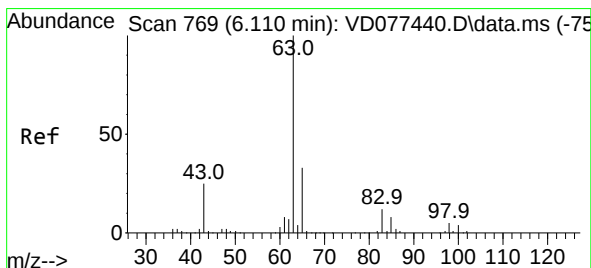
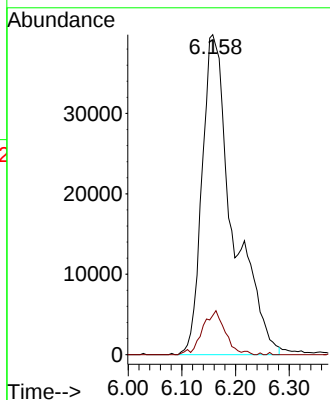
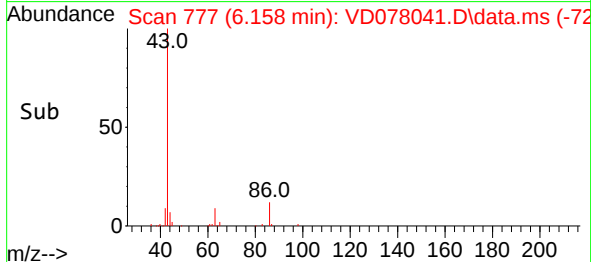
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS02



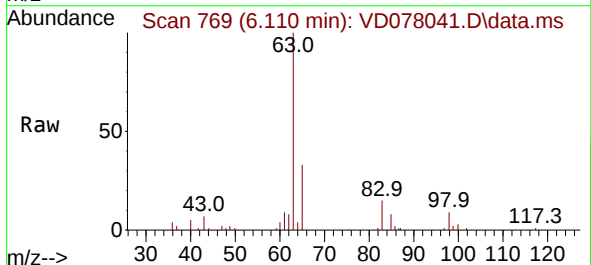
Tgt Ion: 43 Resp: 157940
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.5 18.75

Manual Integrations
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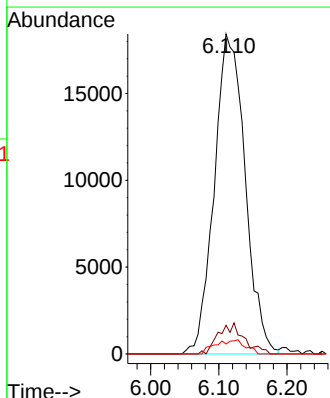
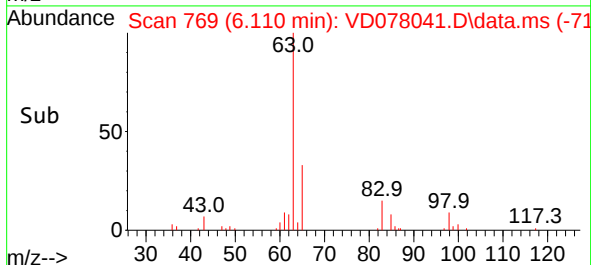
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 24.389 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49



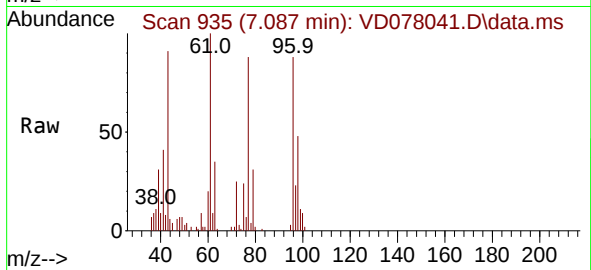
Tgt Ion: 63 Resp: 57989
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 3.1 2.5 7.5





#25
2-Butanone
Concen: 110.127 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

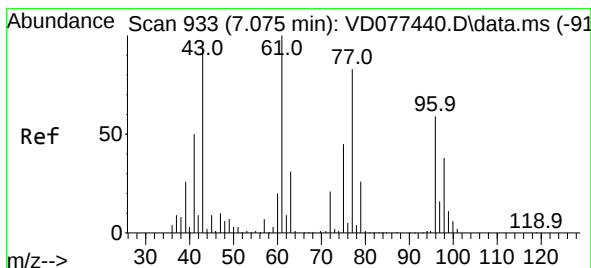
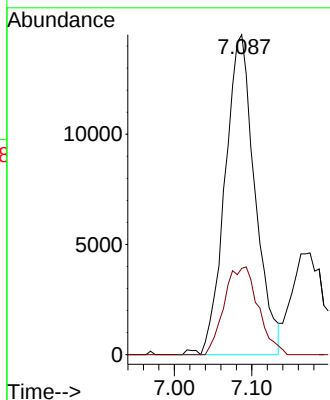
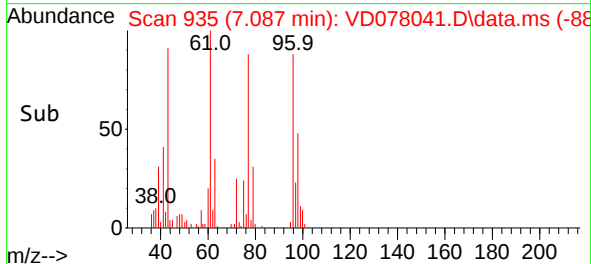
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



Tgt Ion: 43 Resp: 39018
Ion Ratio Lower Upper
43 100
72 26.9 30.7 46.1

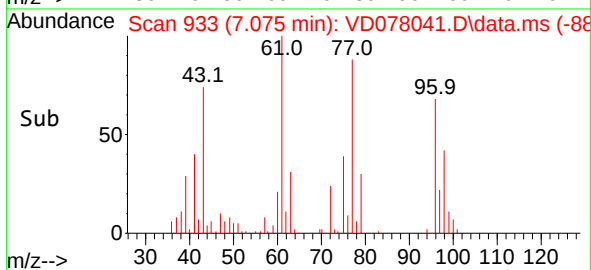
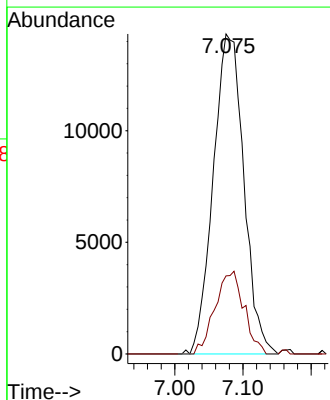
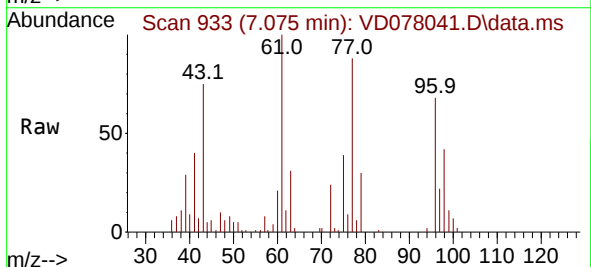
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#26
2,2-Dichloropropane
Concen: 22.390 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 77 Resp: 44696
Ion Ratio Lower Upper
77 100
97 24.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 24.768 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

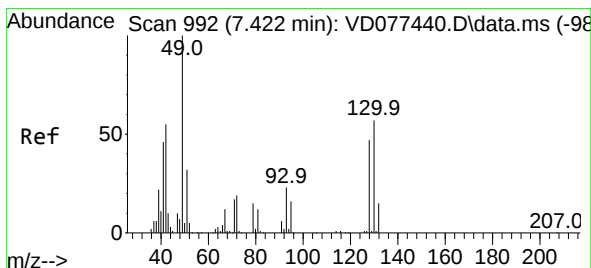
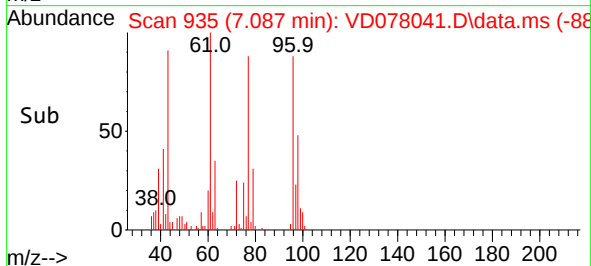
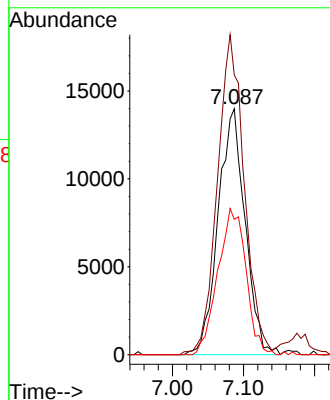
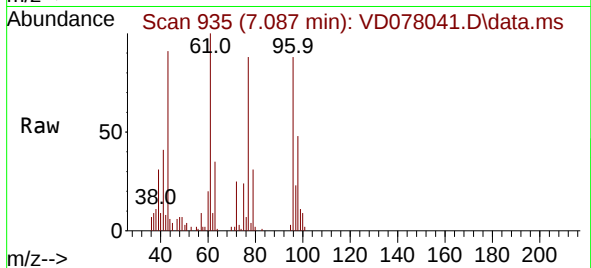
VD1221SBS02

Tgt Ion:	96	Resp:	3687
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	239.2
98	62.0	0.0	128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#28

Bromochloromethane

Concen: 20.613 ug/l

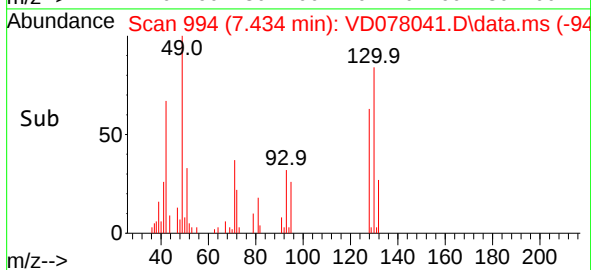
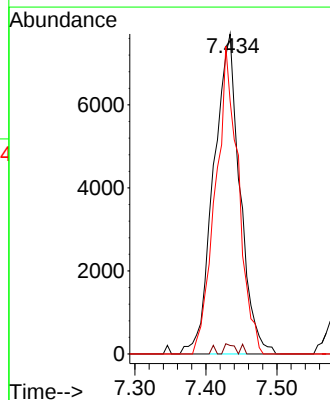
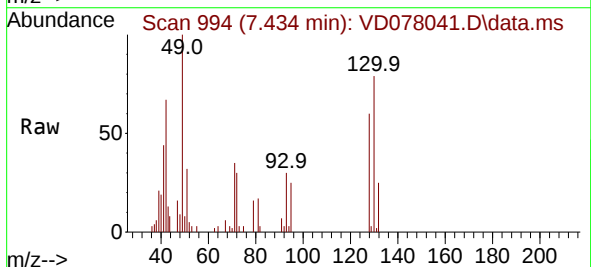
RT: 7.434 min Scan# 994

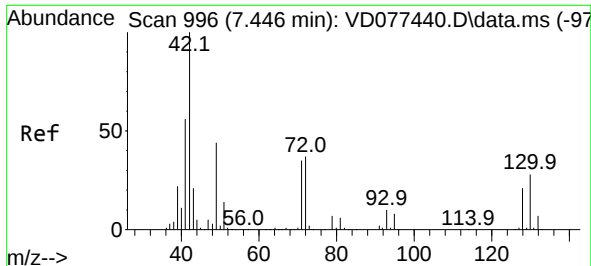
Delta R.T. 0.012 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Tgt Ion:	49	Resp:	19804
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	6.0
130	83.8	83.2	124.8





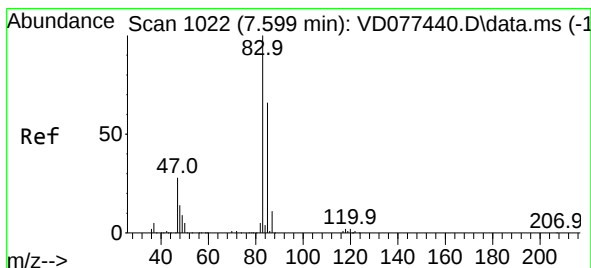
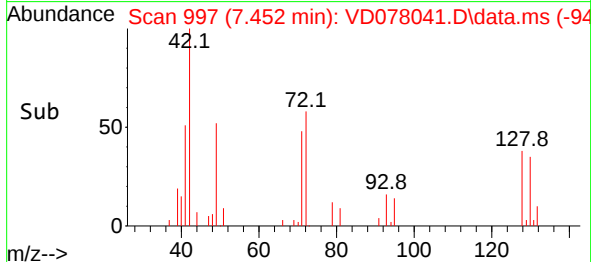
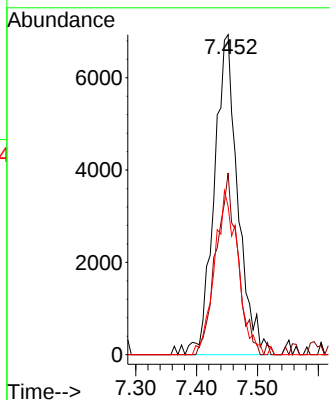
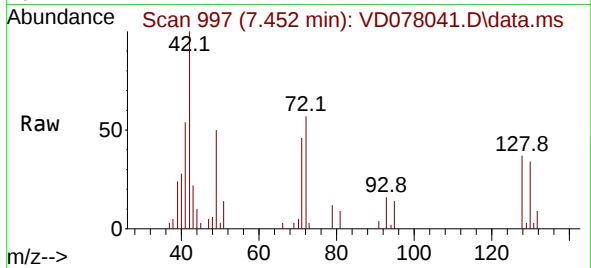
#29
Tetrahydrofuran
Concen: 98.712 ug/l
RT: 7.452 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 42 Resp: 18824
Ion Ratio Lower Upper
42 100
72 51.5 46.5 69.7
71 50.6 44.5 66.7

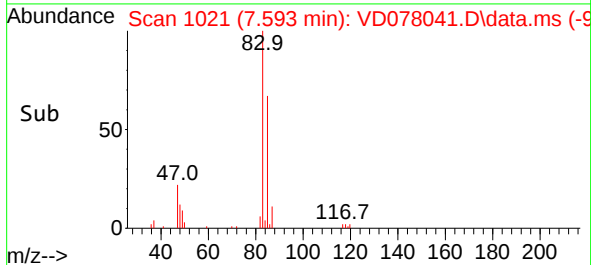
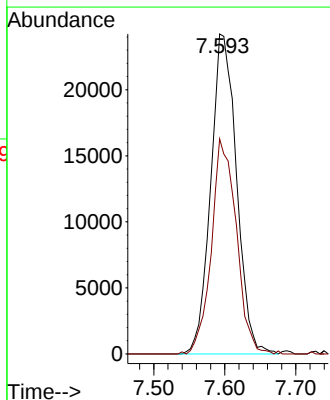
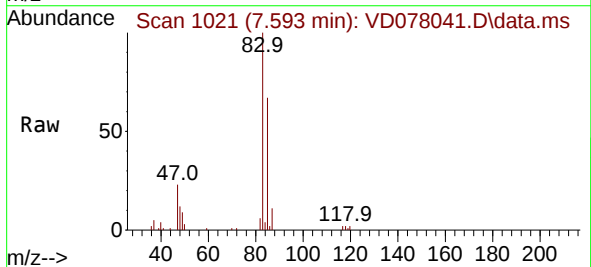
Manual Integrations
APPROVED

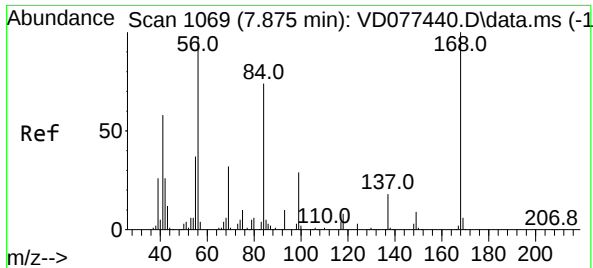
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#30
Chloroform
Concen: 25.639 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

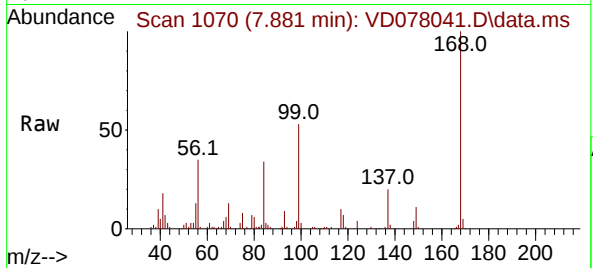
Tgt Ion: 83 Resp: 61011
Ion Ratio Lower Upper
83 100
85 67.2 53.4 80.2





#31
Cyclohexane
Concen: 17.737 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

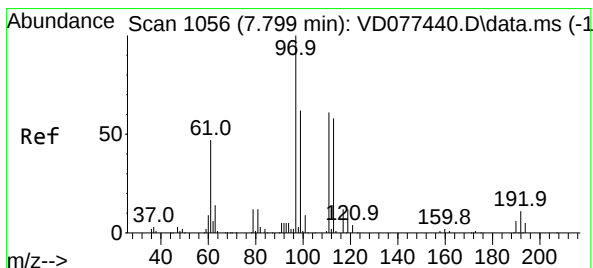
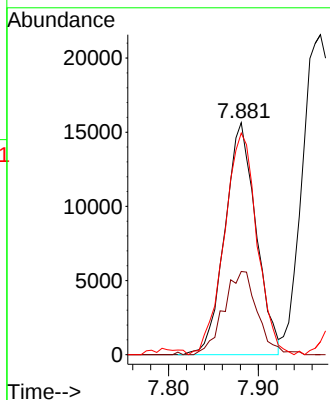
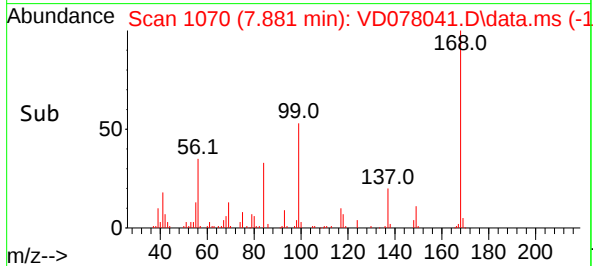
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



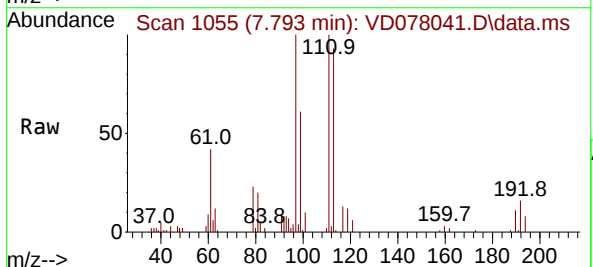
Tgt Ion: 56 Resp: 3778
Ion Ratio Lower Upper
56 100
69 34.7 28.6 43.0
84 93.5 84.8 127.2

Manual Integrations
APPROVED

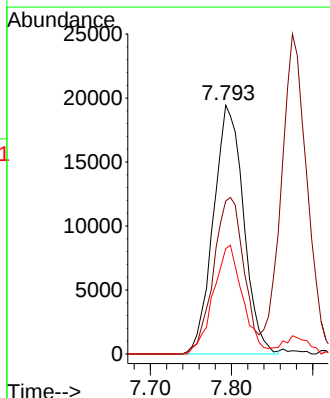
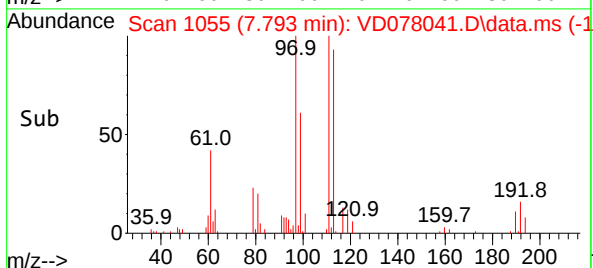
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

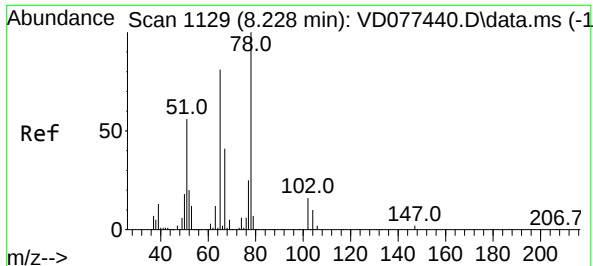


#32
1,1,1-Trichloroethane
Concen: 23.906 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



Tgt Ion: 97 Resp: 50150
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 42.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.126 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion: 65 Resp: 6721

Ion Ratio Lower Upper

65 100

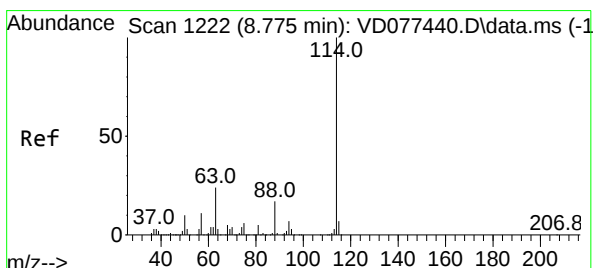
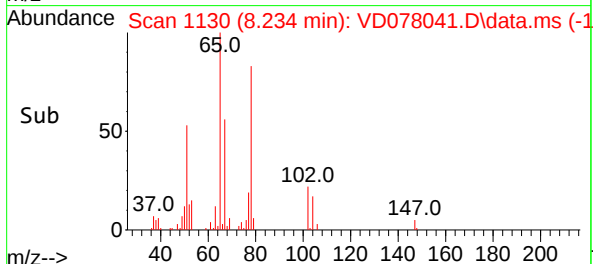
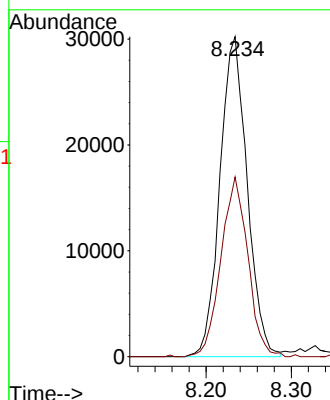
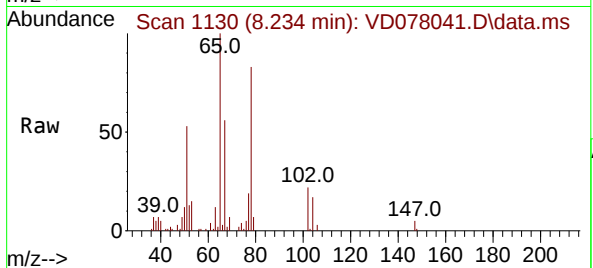
67 55.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

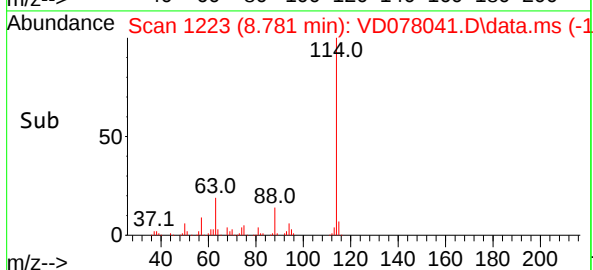
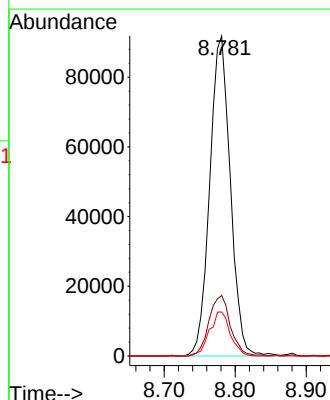
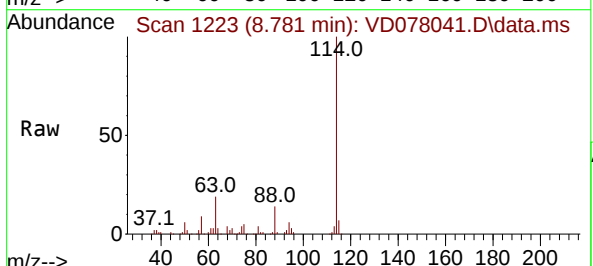
Tgt Ion:114 Resp: 184647

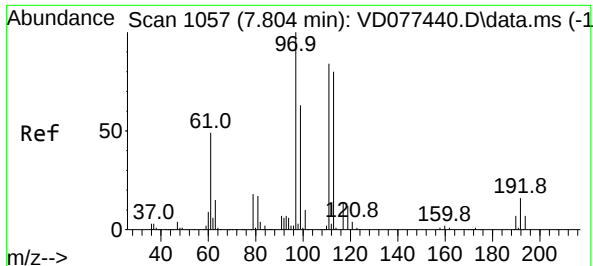
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

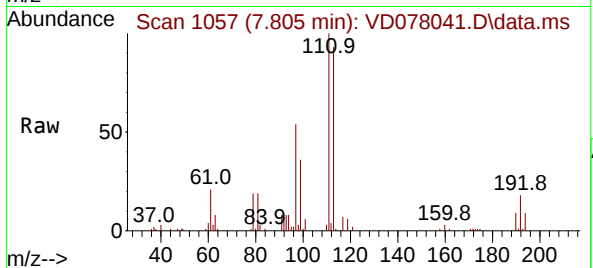
88 13.7 0.0 26.2





#35
Dibromofluoromethane
Concen: 57.087 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

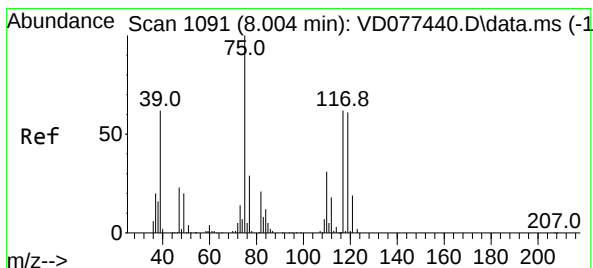
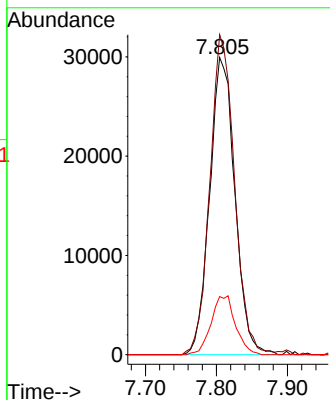
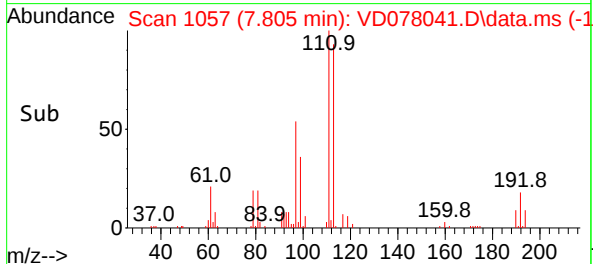
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



Tgt Ion: 113 Resp: 7383
Ion Ratio Lower Upper
113 100
111 105.0 84.7 127.1
192 19.1 16.8 25.2

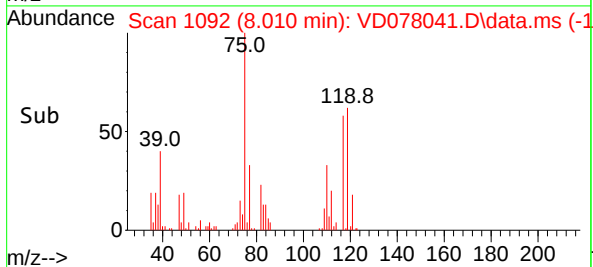
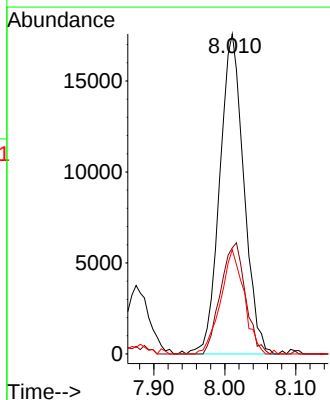
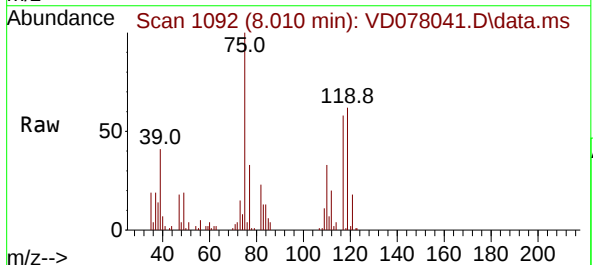
Manual Integrations
APPROVED

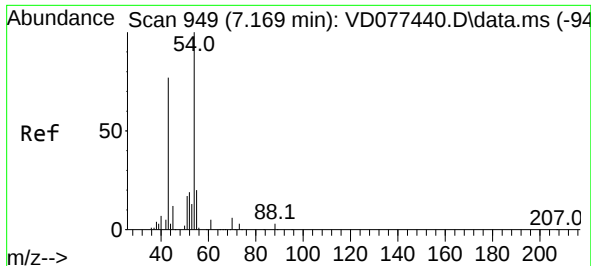
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#36
1,1-Dichloropropene
Concen: 19.993 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 75 Resp: 41362
Ion Ratio Lower Upper
75 100
110 35.7 19.9 59.6
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 16.430 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

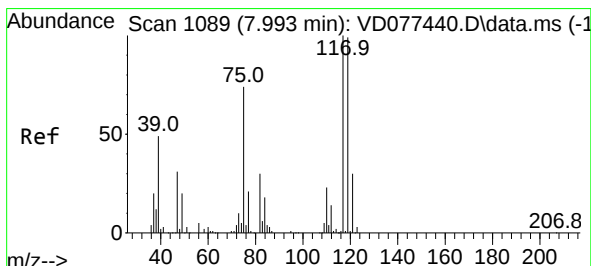
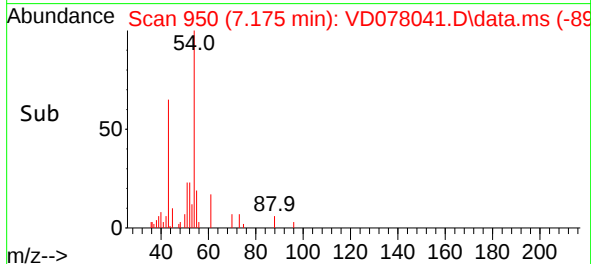
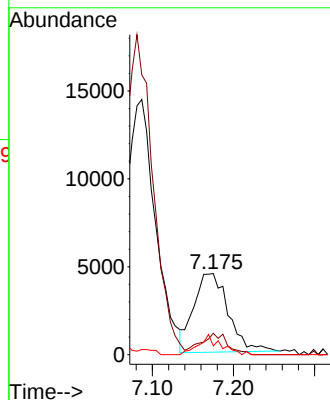
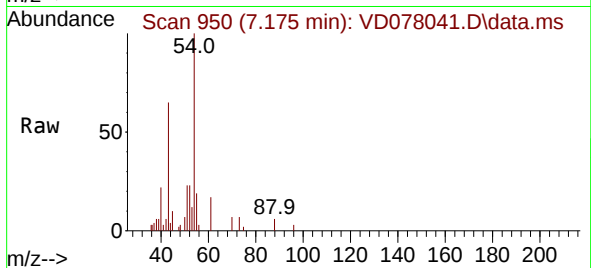
Tgt Ion: 43 Resp: 13254

Ion	Ratio	Lower	Upper
43	100		
61	21.2	14.9	22.3
70	16.1	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#38

Carbon Tetrachloride

Concen: 20.953 ug/l

RT: 7.993 min Scan# 1089

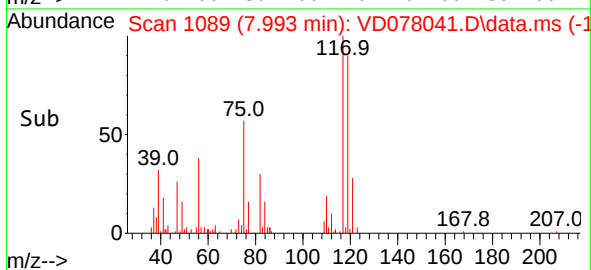
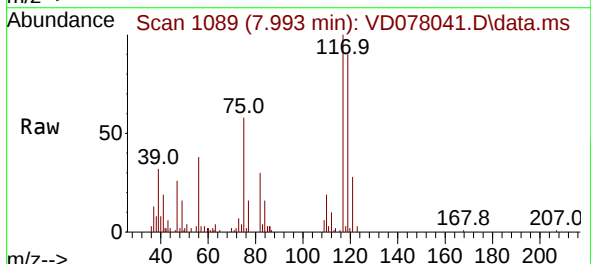
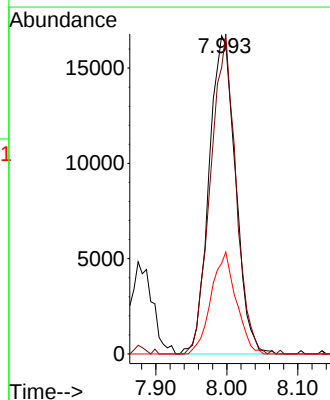
Delta R.T. -0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Tgt Ion:117 Resp: 43215

Ion	Ratio	Lower	Upper
117	100		
119	90.0	78.0	117.0
121	28.5	24.2	36.2





#39

Methylcyclohexane

Concen: 16.935 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

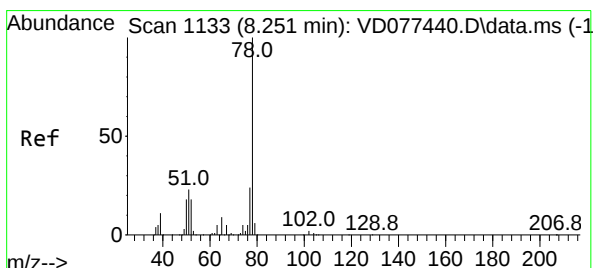
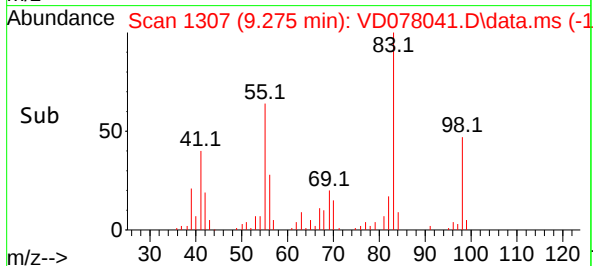
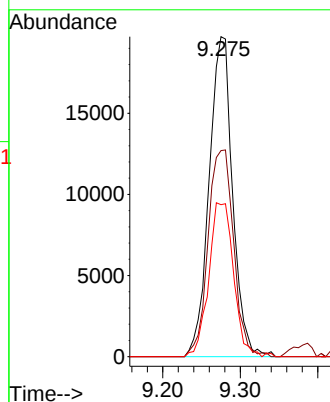
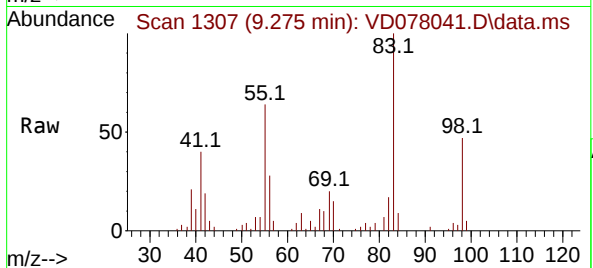
Tgt Ion: 83 Resp: 41534

Ion	Ratio	Lower	Upper
83	100		
55	64.4	49.4	74.0
98	47.5	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#40

Benzene

Concen: 21.930 ug/l

RT: 8.252 min Scan# 1133

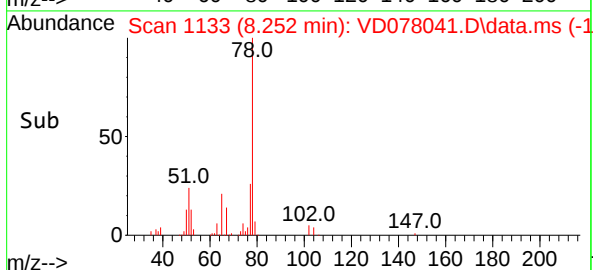
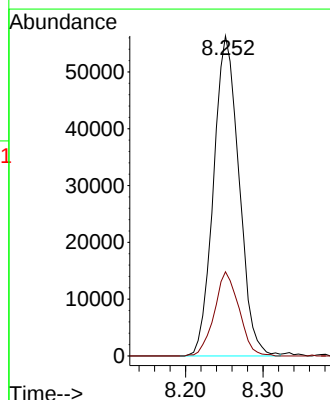
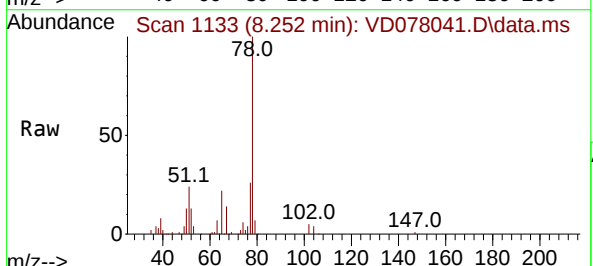
Delta R.T. 0.001 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Tgt Ion: 78 Resp: 128772

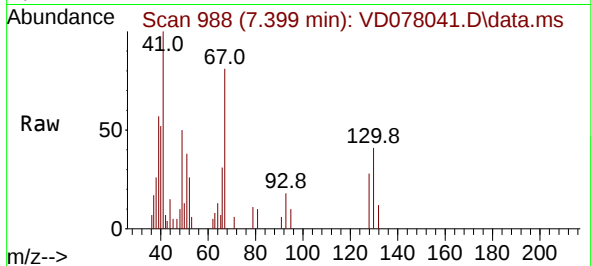
Ion	Ratio	Lower	Upper
78	100		
77	26.3	19.4	29.0





#41
Methacrylonitrile
Concen: 19.434 ug/l m
RT: 7.399 min Scan# 988
Delta R.T. -0.005 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

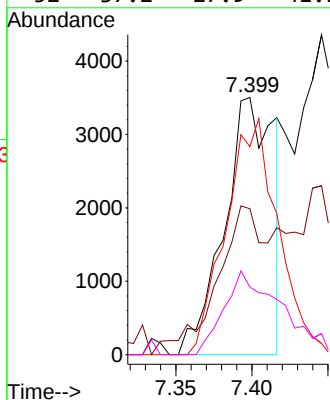
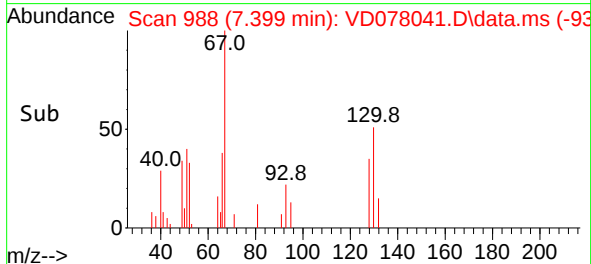
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



Tgt Ion: 41 Resp: 7968
Ion Ratio Lower Upper
41 100
39 48.8 34.0 51.0
67 95.9 77.0 115.4
52 37.2 27.9 41.9

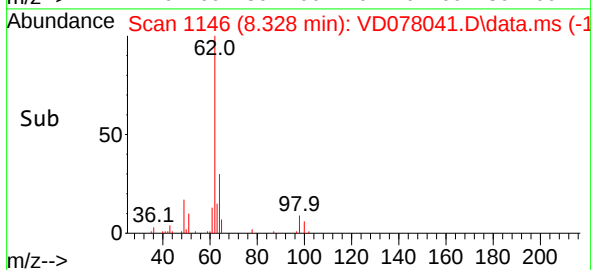
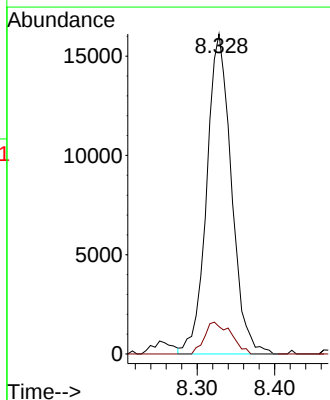
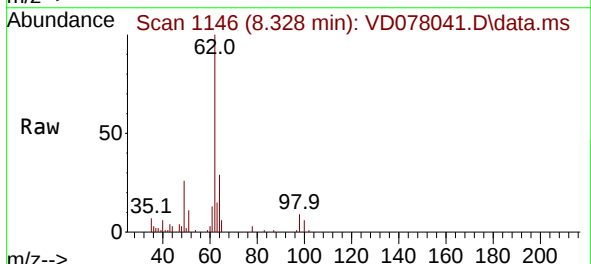
Manual Integrations
APPROVED

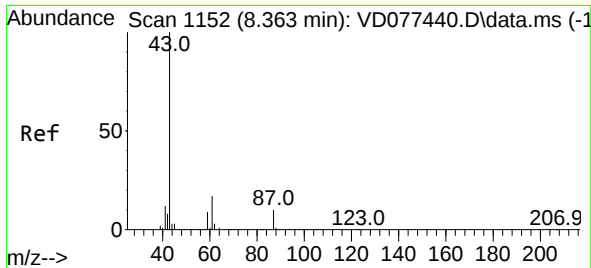
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#42
1,2-Dichloroethane
Concen: 23.439 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

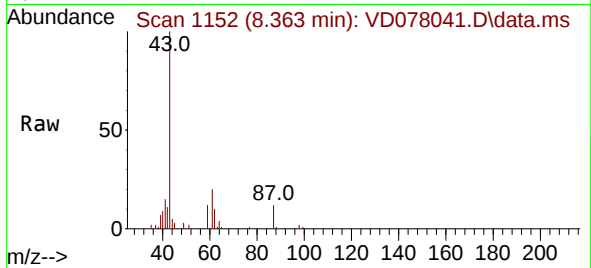
Tgt Ion: 62 Resp: 35676
Ion Ratio Lower Upper
62 100
98 10.6 0.0 25.4





#43
Isopropyl Acetate
Concen: 19.067 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

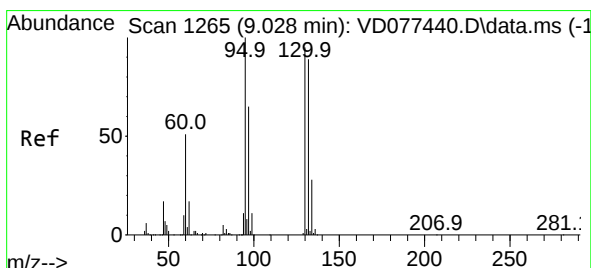
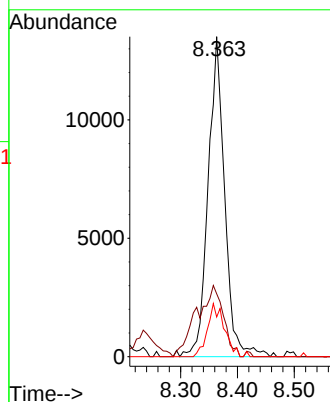
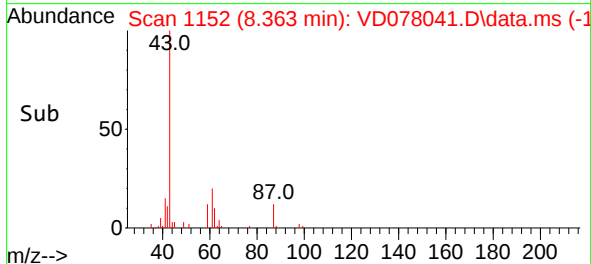
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



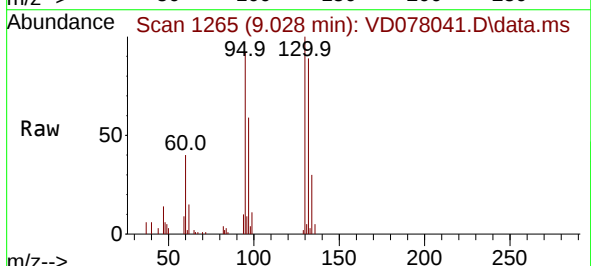
Tgt Ion: 43 Resp: 27342
Ion Ratio Lower Upper
43 100
61 24.4 31.4 47.0
87 16.7 14.9 22.3

Manual Integrations
APPROVED

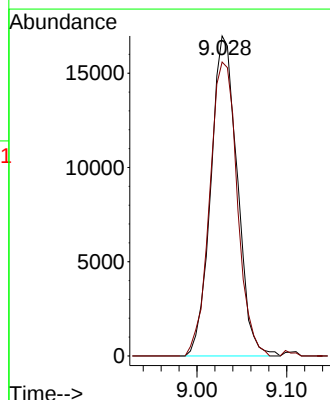
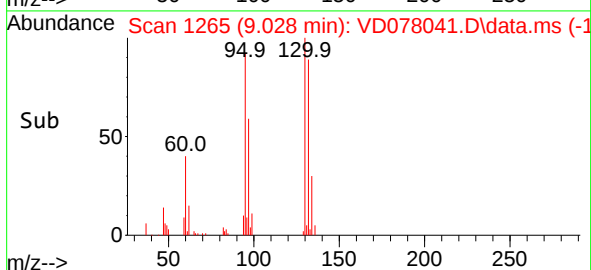
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

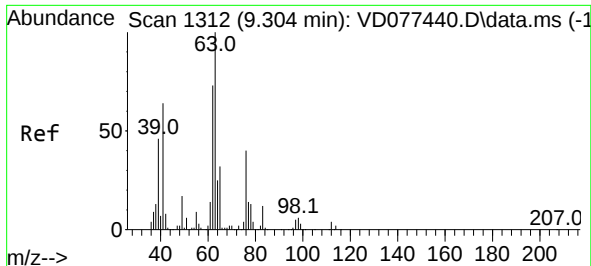


#44
Trichloroethene
Concen: 22.704 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



Tgt Ion:130 Resp: 34741
Ion Ratio Lower Upper
130 100
95 91.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.805 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion: 63 Resp: 3255

Ion Ratio Lower Upper

63 100

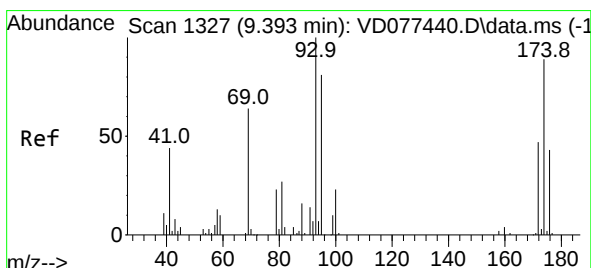
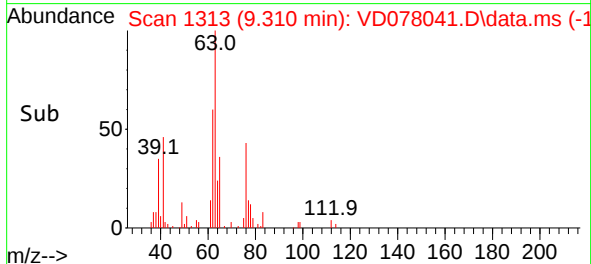
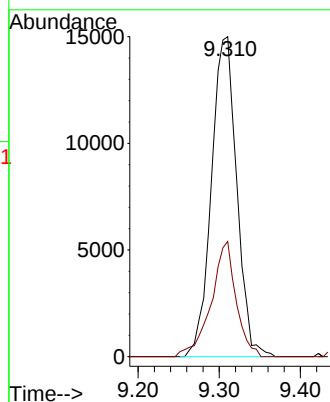
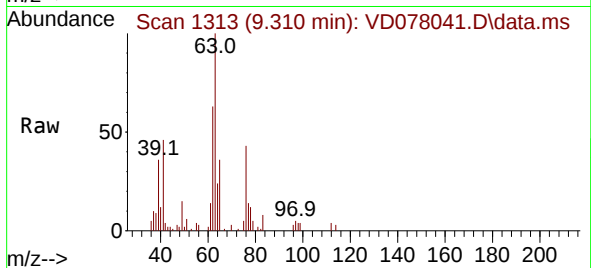
65 36.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#46

Dibromomethane

Concen: 23.578 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

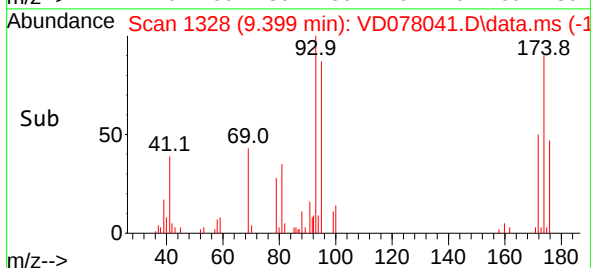
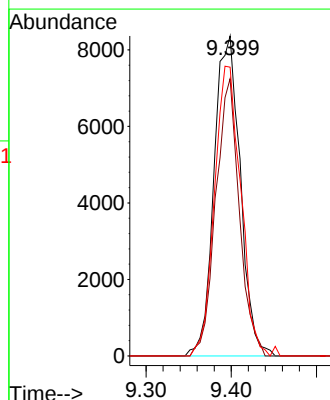
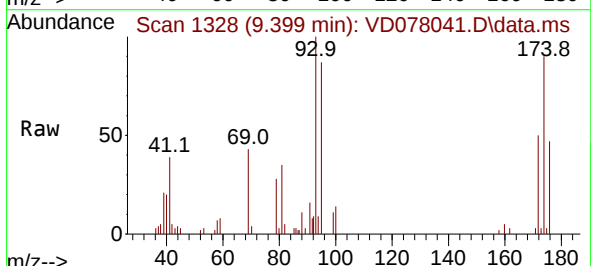
Tgt Ion: 93 Resp: 17808

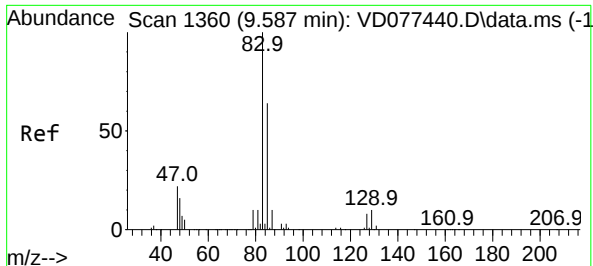
Ion Ratio Lower Upper

93 100

95 78.3 67.7 101.5

174 90.8 85.4 128.2





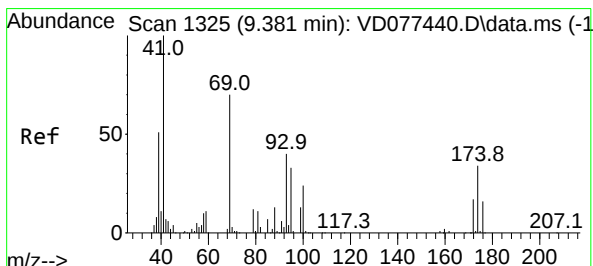
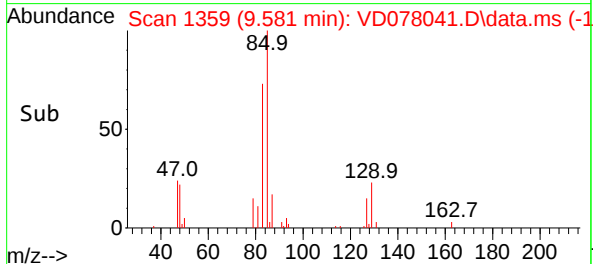
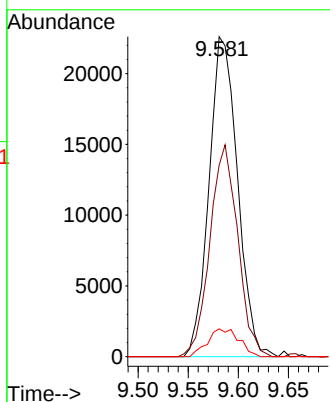
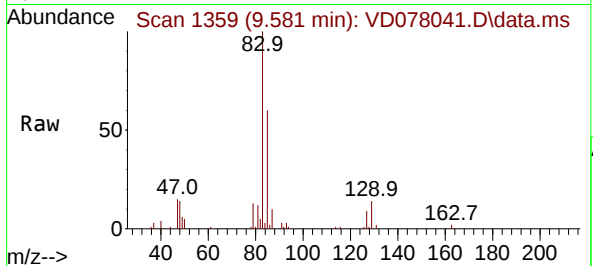
#47
Bromodichloromethane
Concen: 23.366 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 83 Resp: 44730
Ion Ratio Lower Upper
83 100
85 59.9 50.2 75.4
127 8.7 6.3 9.5

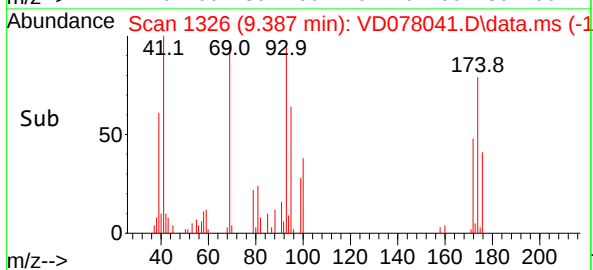
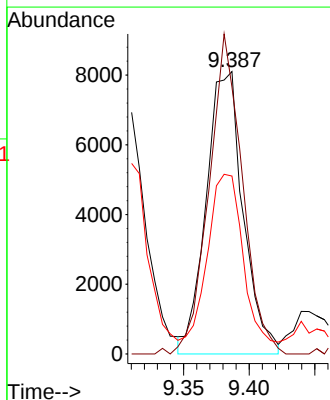
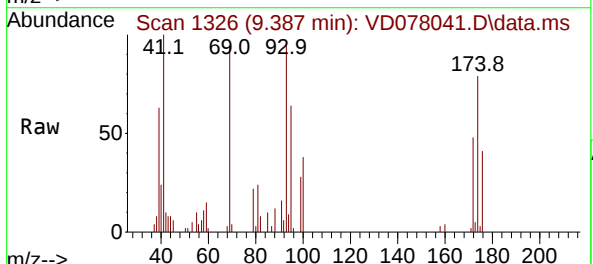
Manual Integrations
APPROVED

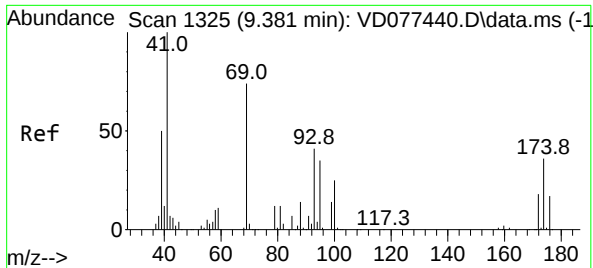
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#48
Methyl methacrylate
Concen: 19.518 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 41 Resp: 15910
Ion Ratio Lower Upper
41 100
69 102.5 102.2 153.2
39 61.9 41.4 62.2





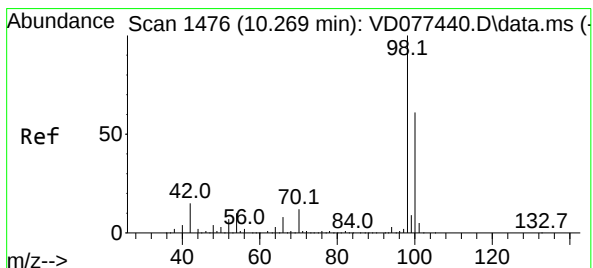
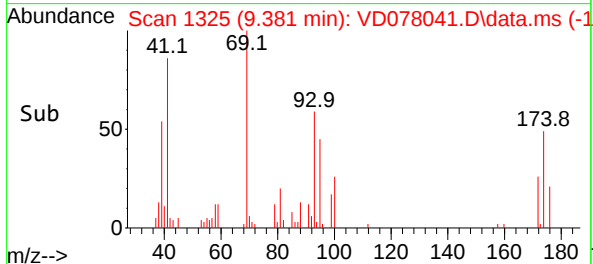
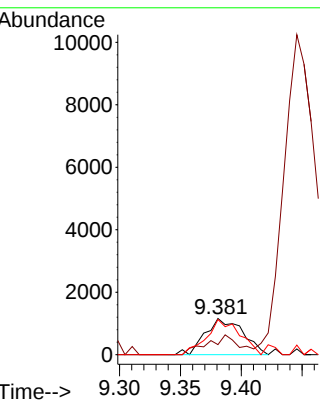
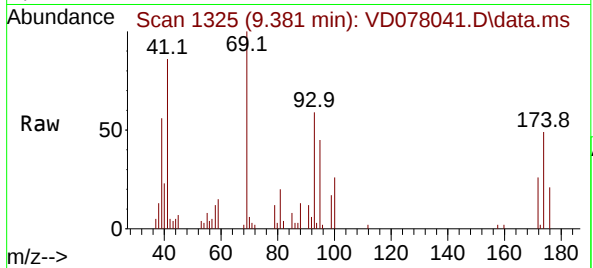
#49
1,4-Dioxane
Concen: 334.152 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 88 Resp: 2500
Ion Ratio Lower Upper
88 100
43 46.6 19.0 28.6
58 85.2 43.5 65.3

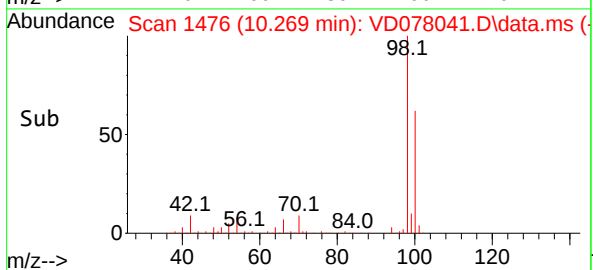
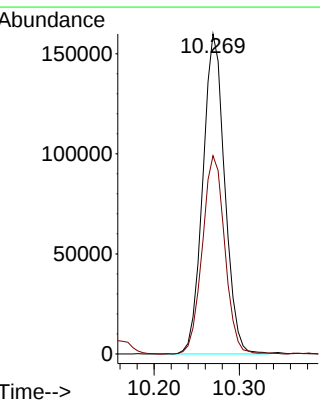
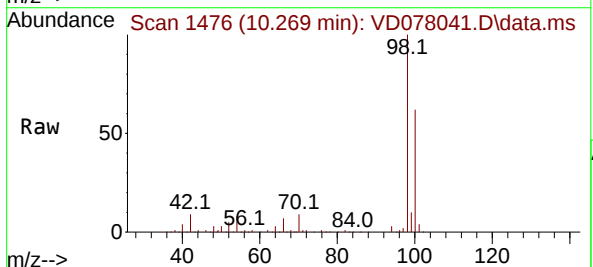
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#50
Toluene-d8
Concen: 55.033 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 98 Resp: 285082
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5





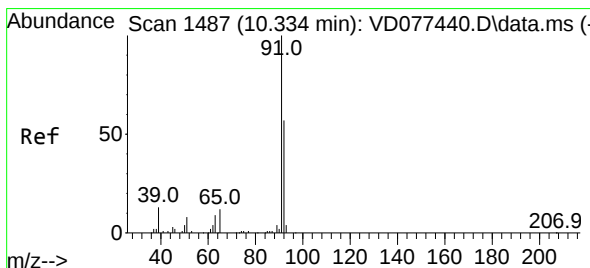
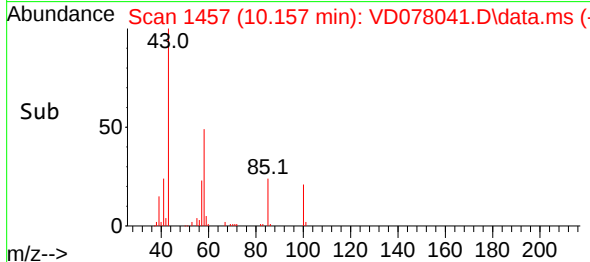
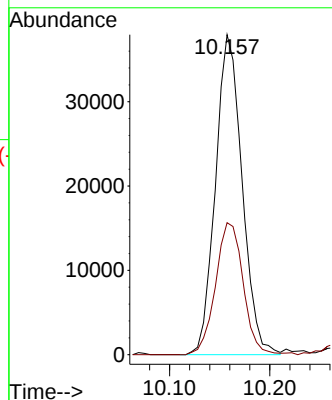
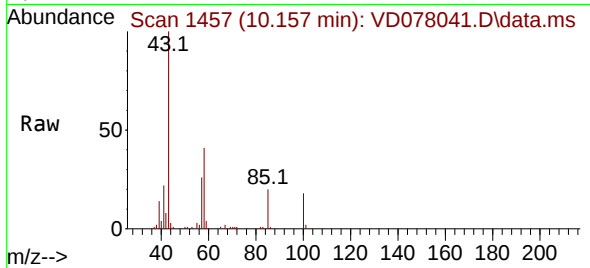
#51
4-Methyl-2-Pentanone
Concen: 95.448 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 43 Resp: 69854
Ion Ratio Lower Upper
43 100
58 42.9 38.9 58.3

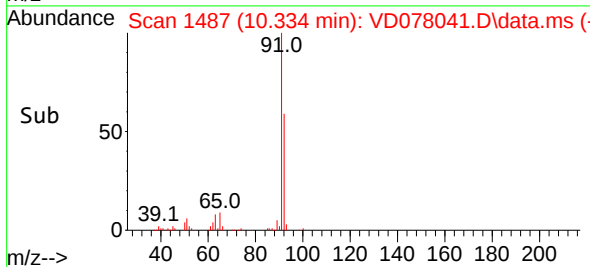
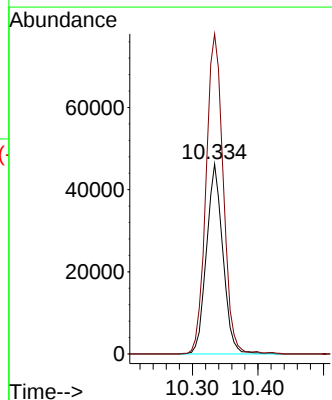
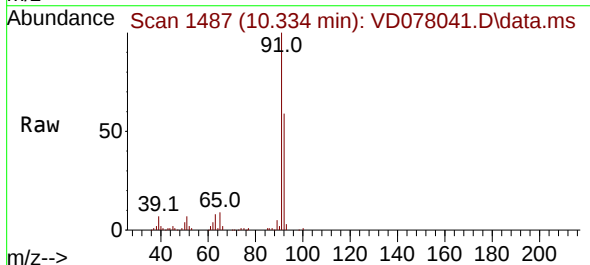
Manual Integrations
APPROVED

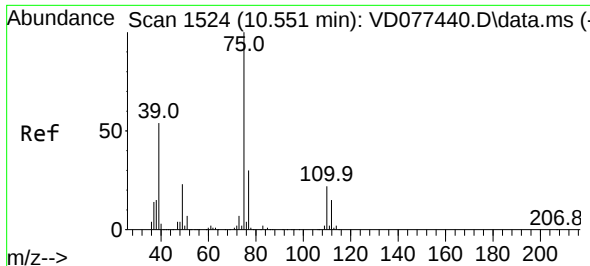
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#52
Toluene
Concen: 22.119 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

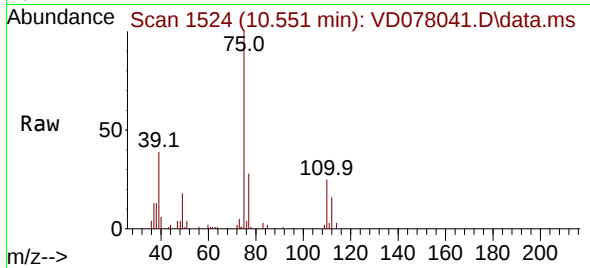
Tgt Ion: 92 Resp: 80564
Ion Ratio Lower Upper
92 100
91 175.3 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 21.615 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

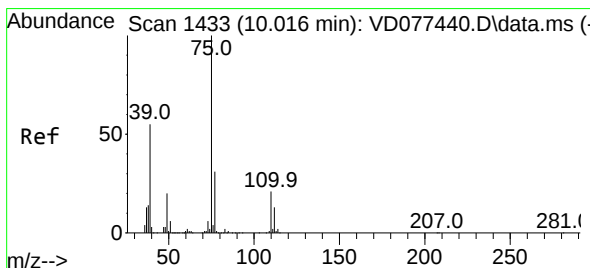
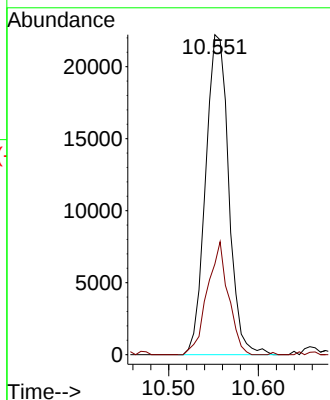
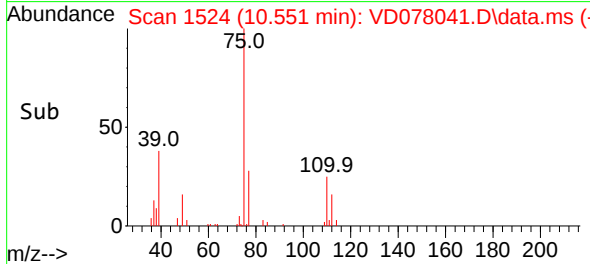
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



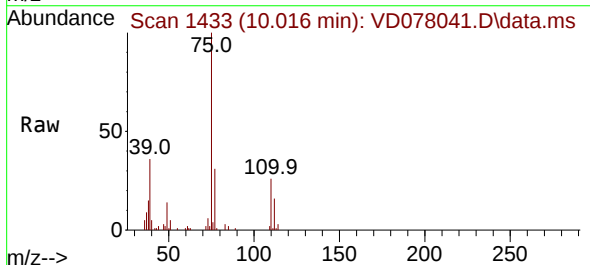
Tgt Ion: 75 Resp: 39730
Ion Ratio Lower Upper
75 100
77 28.3 25.3 37.9

Manual Integrations
APPROVED

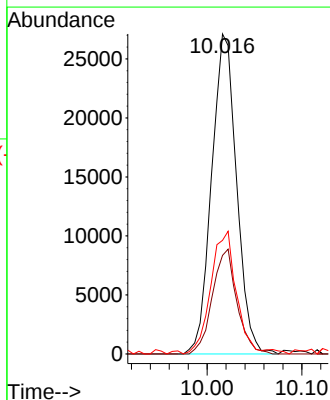
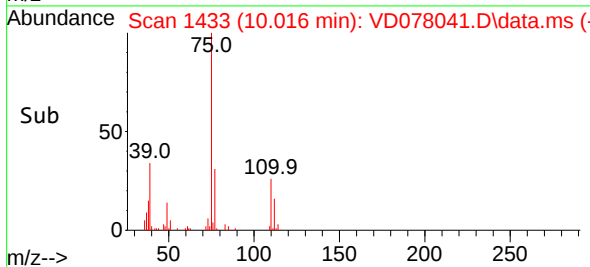
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

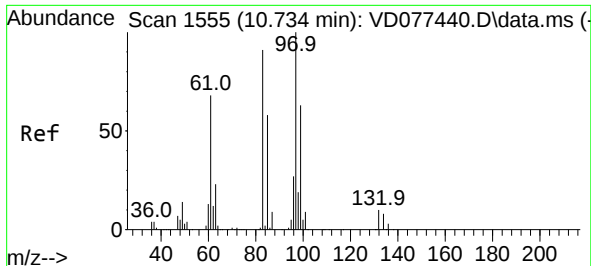


#54
cis-1,3-Dichloropropene
Concen: 22.330 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



Tgt Ion: 75 Resp: 49631
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3
39 34.6 22.1 33.1#





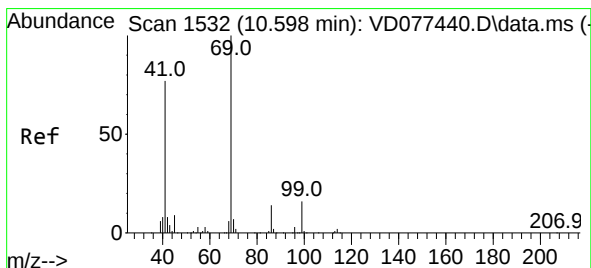
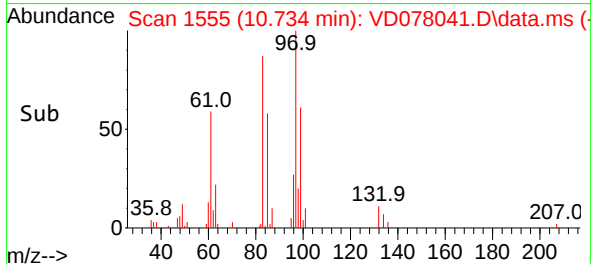
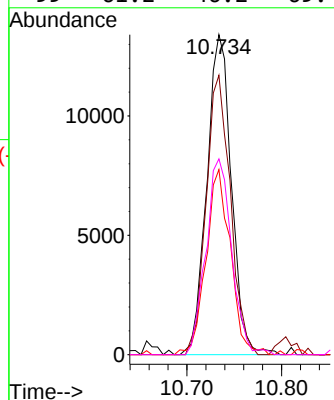
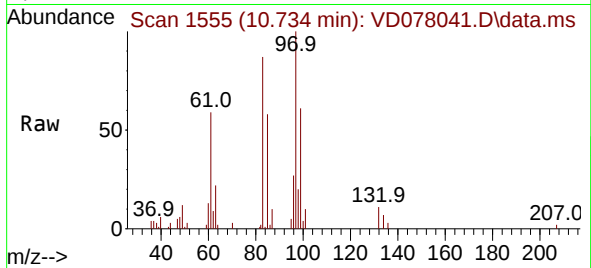
#55
1,1,2-Trichloroethane
Concen: 23.476 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.8	98.6
85	56.7	45.7	68.5
99	61.2	46.2	69.4

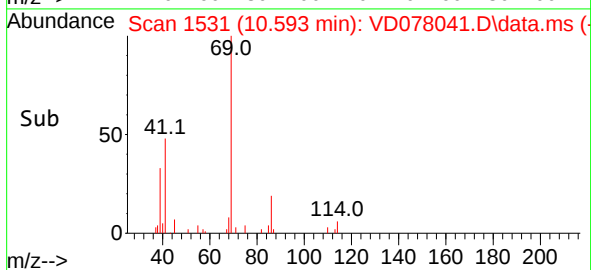
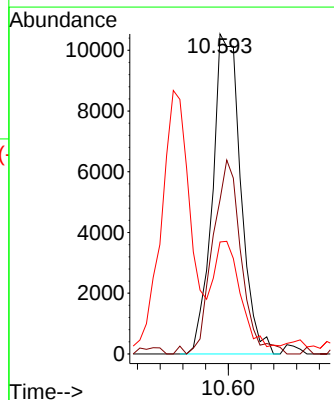
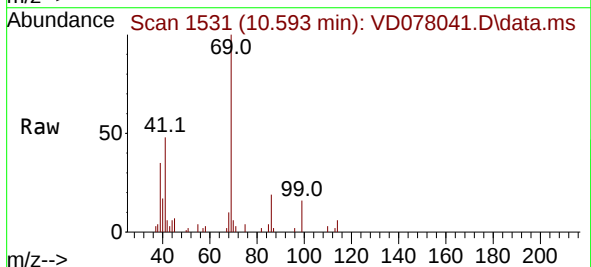
Manual Integrations
APPROVED

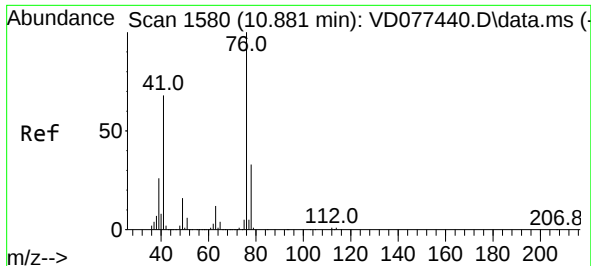
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#56
Ethyl methacrylate
Concen: 19.968 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	39.1	58.7#
39	33.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 22.570 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion: 76 Resp: 40192

Ion Ratio Lower Upper

76 100

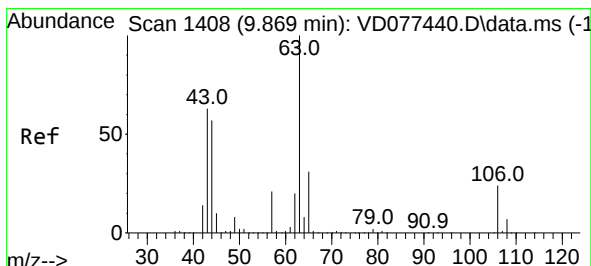
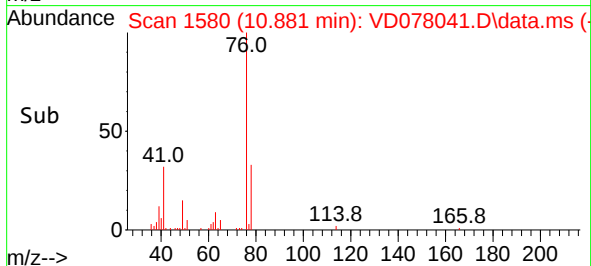
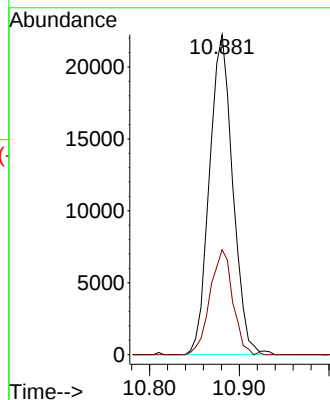
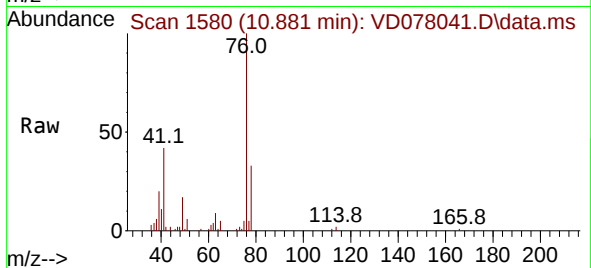
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 79.834 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078041.D

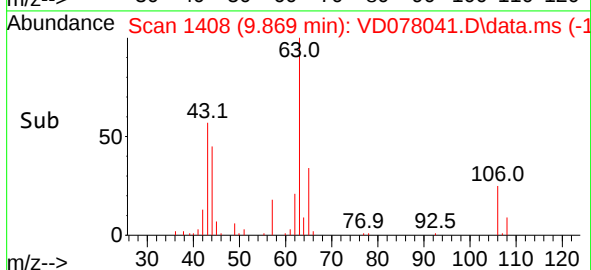
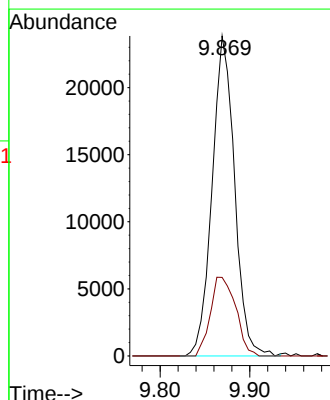
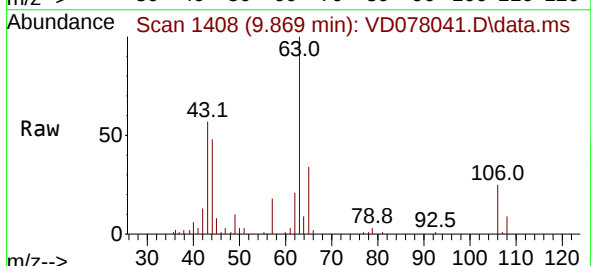
Acq: 21 Dec 2023 23:49

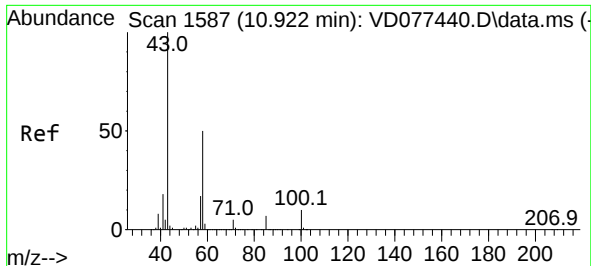
Tgt Ion: 63 Resp: 41462

Ion Ratio Lower Upper

63 100

106 27.7 25.3 37.9





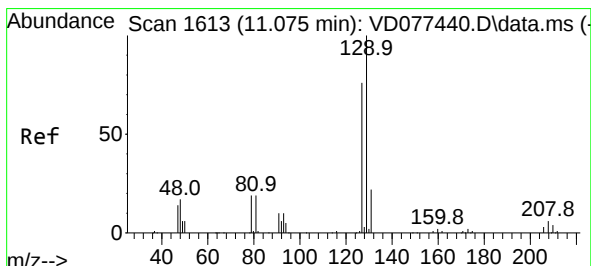
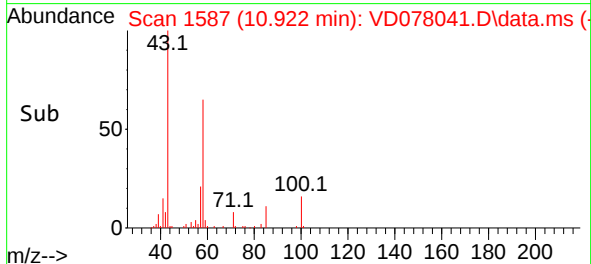
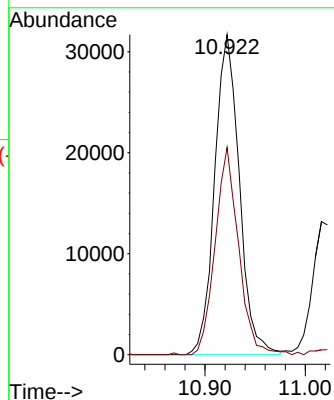
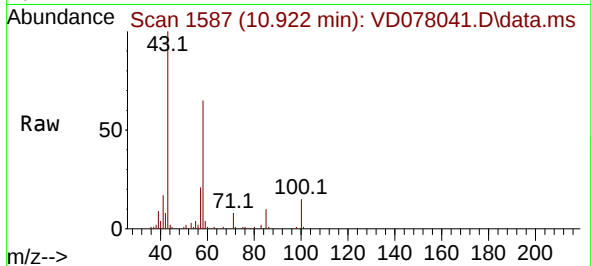
#59
2-Hexanone
Concen: 89.206 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 43 Resp: 54164
Ion Ratio Lower Upper
43 100
58 61.4 34.1 102.2

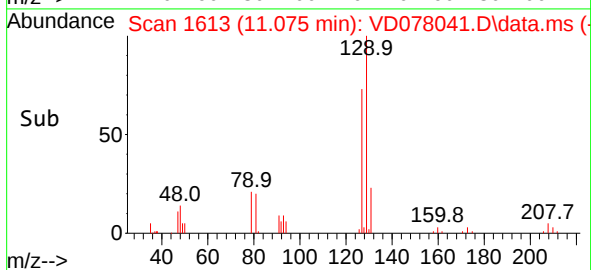
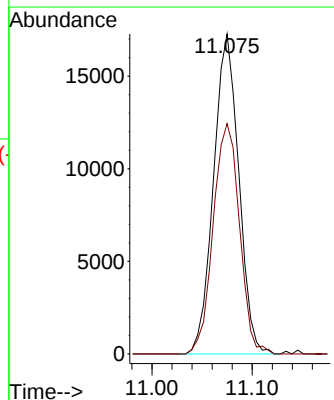
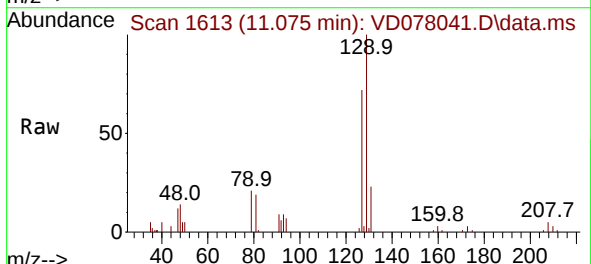
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#60
Dibromochloromethane
Concen: 24.254 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

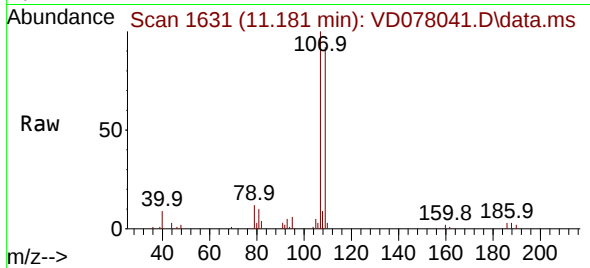
Tgt Ion:129 Resp: 30168
Ion Ratio Lower Upper
129 100
127 74.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 23.045 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

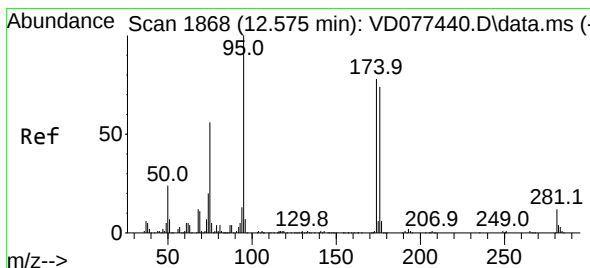
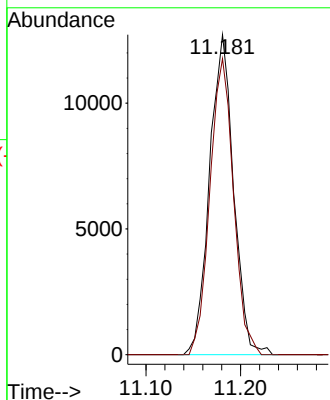
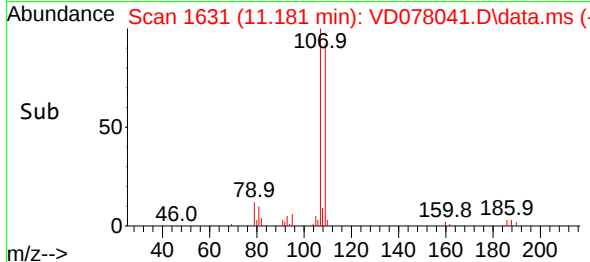
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



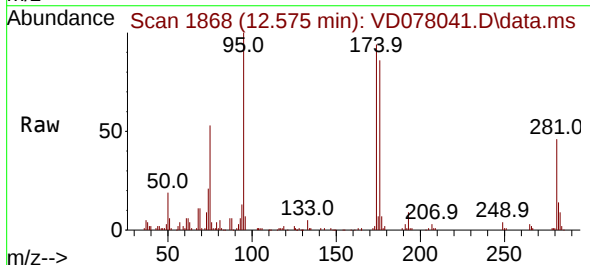
Tgt Ion: 107 Resp: 2241
Ion Ratio Lower Upper
107 100
109 90.8 75.6 113.4

Manual Integrations
APPROVED

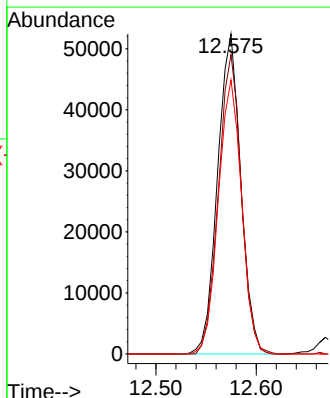
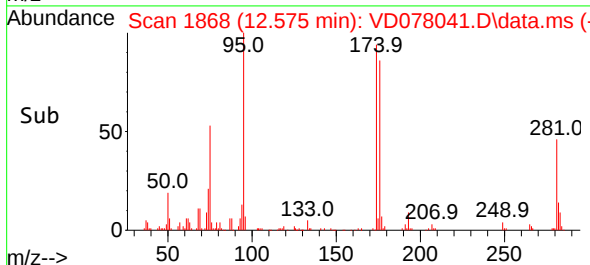
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

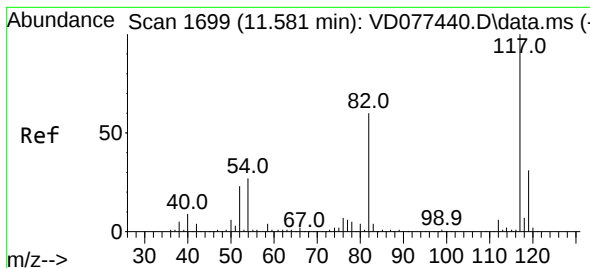


#62
4-Bromofluorobenzene
Concen: 54.267 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



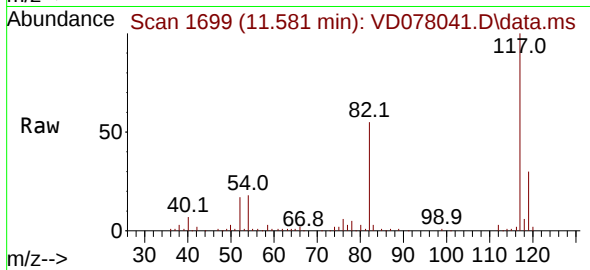
Tgt Ion: 95 Resp: 84046
Ion Ratio Lower Upper
95 100
174 92.2 0.0 201.8
176 86.3 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

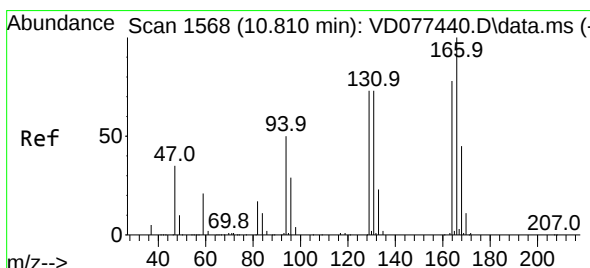
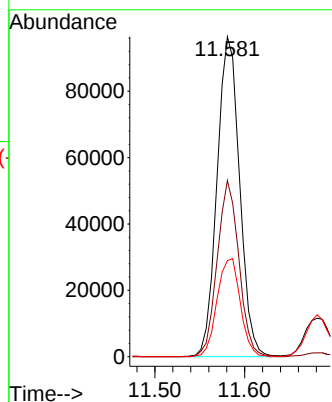
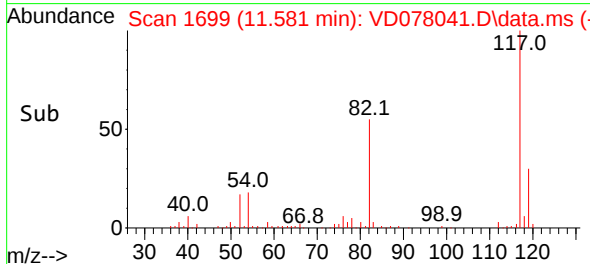
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



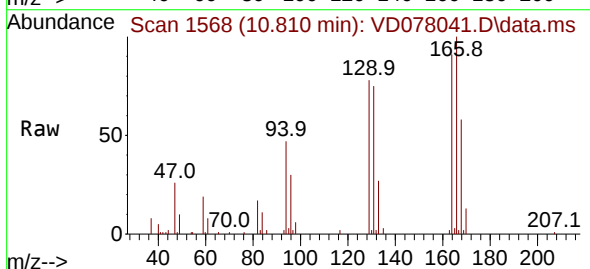
Tgt Ion:117 Resp: 168418
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 30.0 25.0 37.4

Manual Integrations
APPROVED

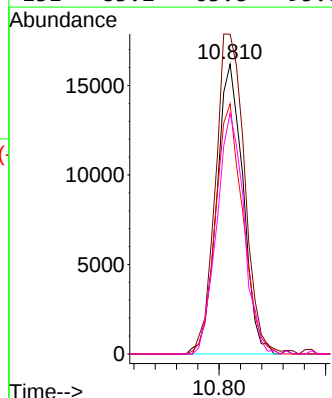
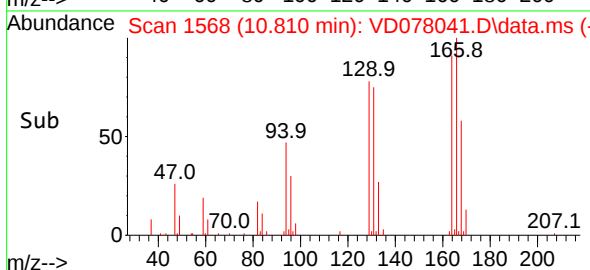
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

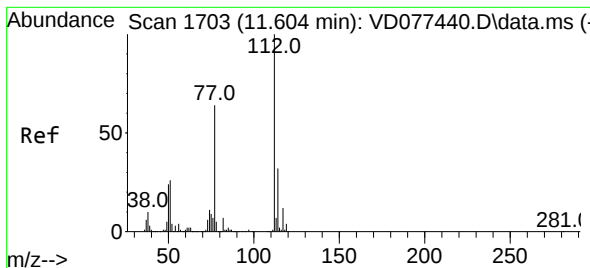


#64
Tetrachloroethene
Concen: 22.440 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



Tgt Ion:164 Resp: 27777
Ion Ratio Lower Upper
164 100
166 110.3 99.2 148.8
129 86.3 68.4 102.6
131 83.2 63.8 95.8





#65

Chlorobenzene

Concen: 20.873 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion:112 Resp: 87164

Ion Ratio Lower Upper

112 100

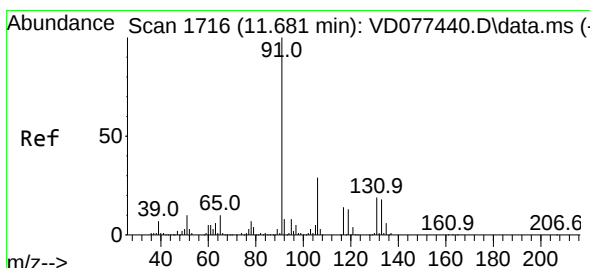
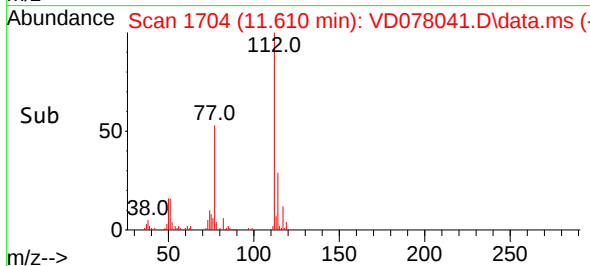
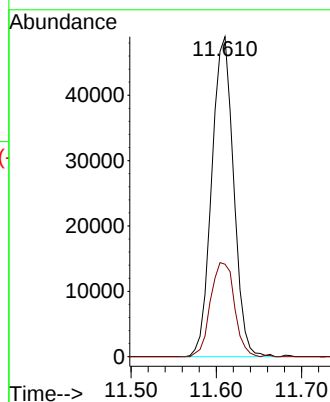
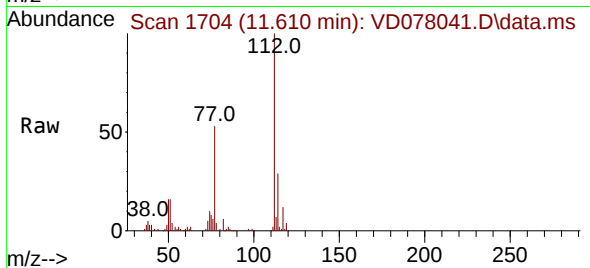
114 28.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 23.518 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

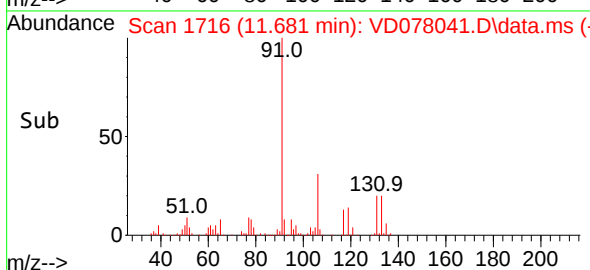
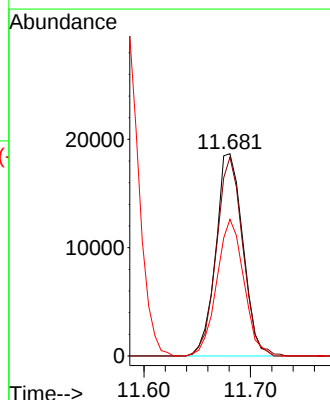
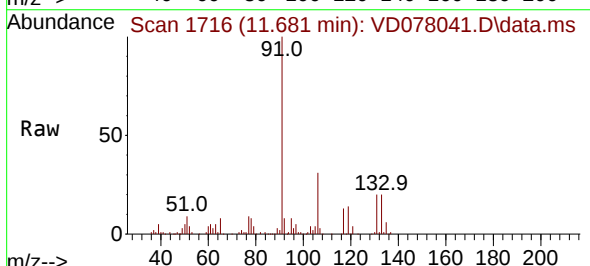
Tgt Ion:131 Resp: 32937

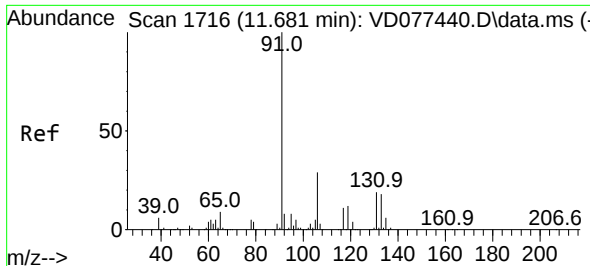
Ion Ratio Lower Upper

131 100

133 95.9 48.5 145.5

119 67.5 35.6 106.9





#67

Ethyl Benzene

Concen: 22.127 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion: 91 Resp: 155152

Ion Ratio Lower Upper

91 100

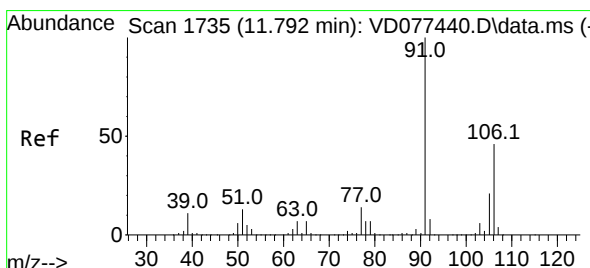
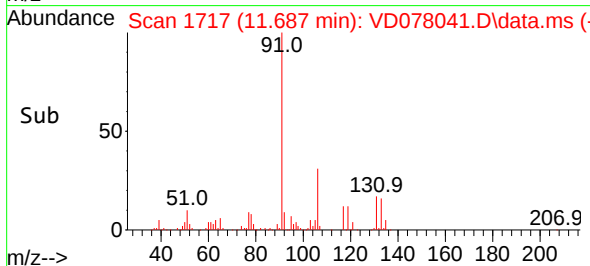
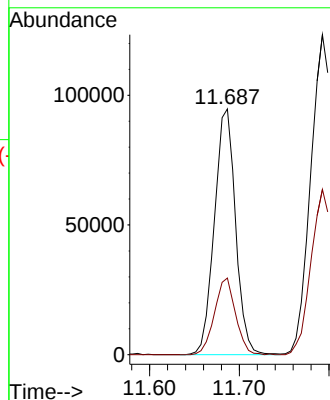
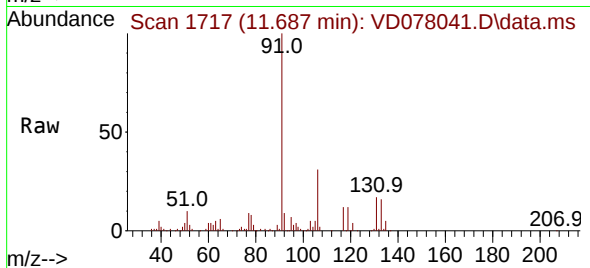
106 31.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#68

m/p-Xylenes

Concen: 43.331 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078041.D

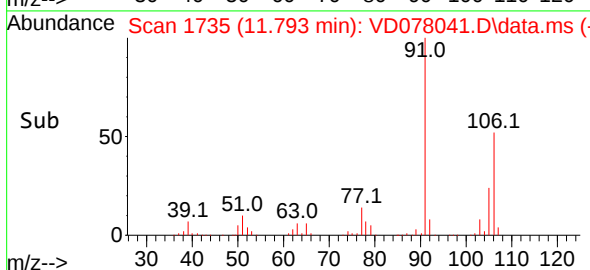
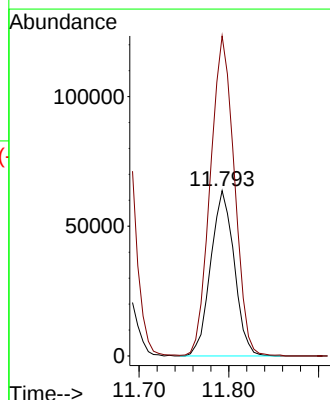
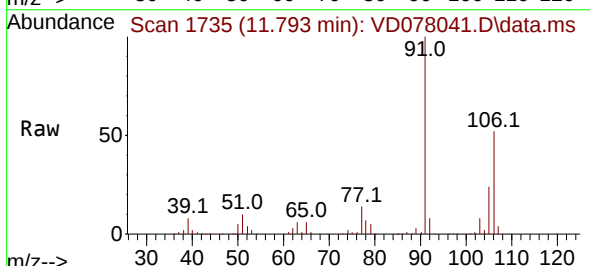
Acq: 21 Dec 2023 23:49

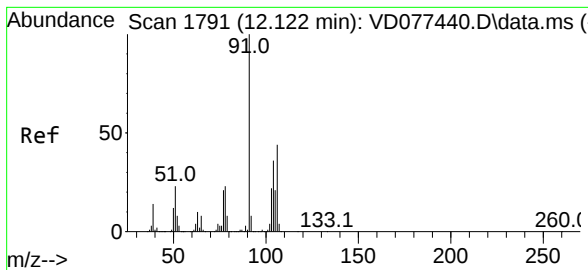
Tgt Ion:106 Resp: 116215

Ion Ratio Lower Upper

106 100

91 198.0 147.0 220.6





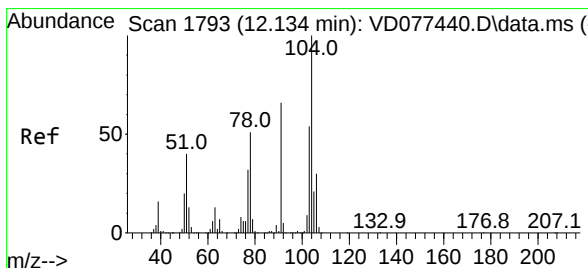
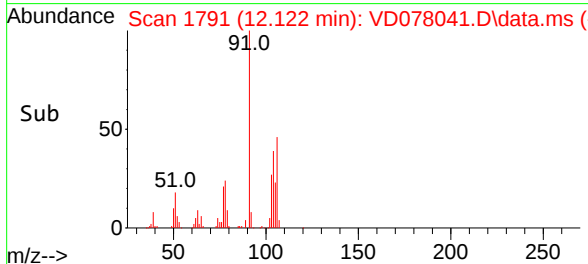
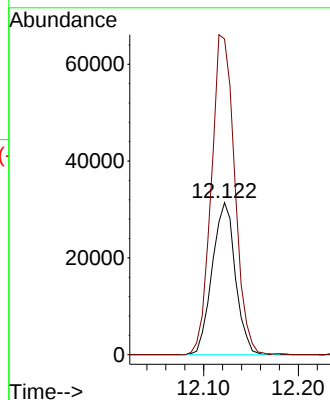
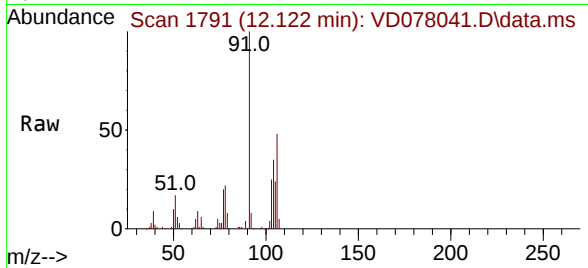
#69
o-Xylene
Concen: 21.598 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion:106 Resp: 53380
Ion Ratio Lower Upper
106 100
91 212.2 97.9 293.6

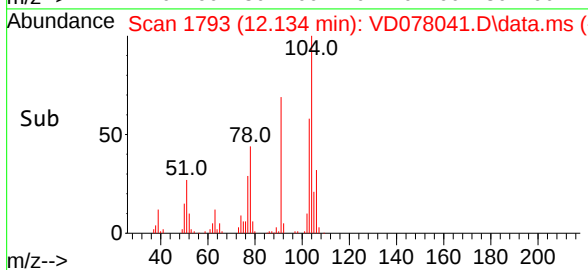
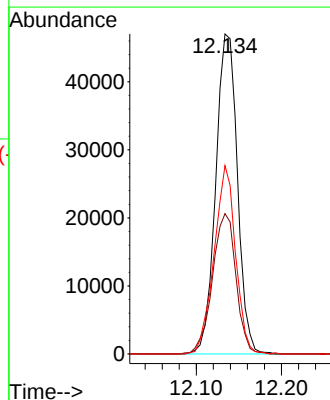
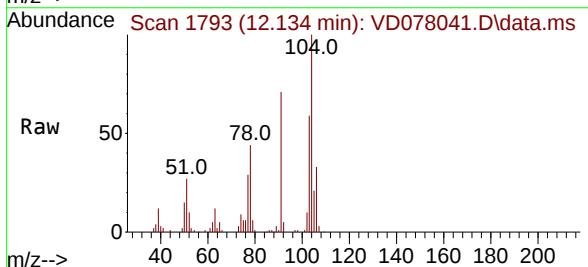
Manual Integrations
APPROVED

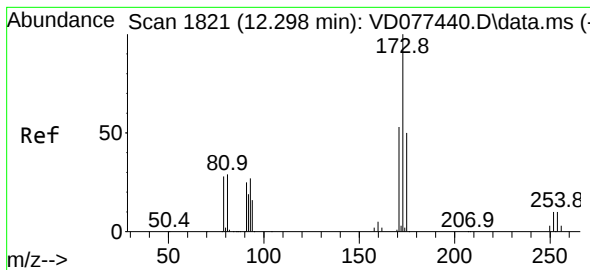
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#70
Styrene
Concen: 22.648 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:104 Resp: 83243
Ion Ratio Lower Upper
104 100
78 47.5 33.2 49.8
103 58.1 43.6 65.4





#71

Bromoform

Concen: 23.995 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion:173 Resp: 1755

Ion Ratio Lower Upper

173 100

175 45.2 24.6 73.8

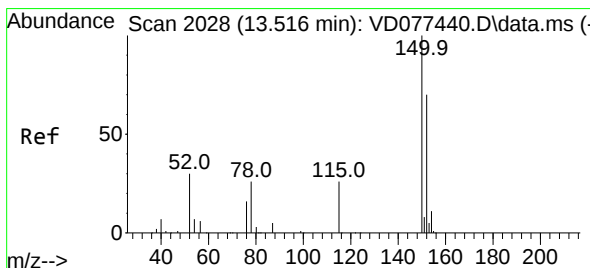
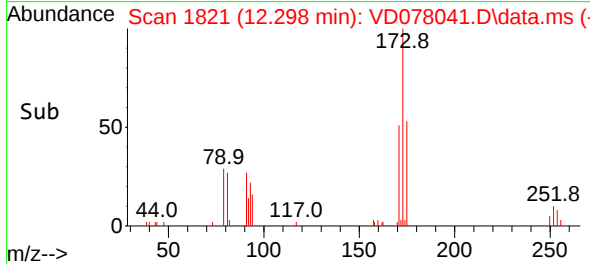
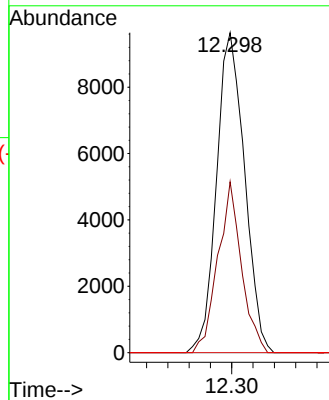
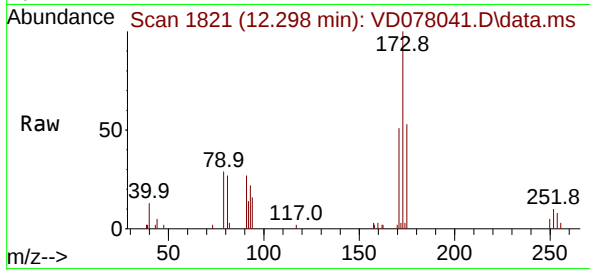
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

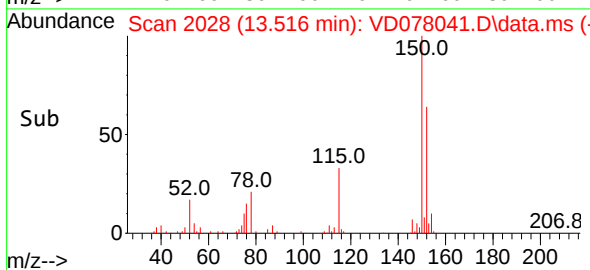
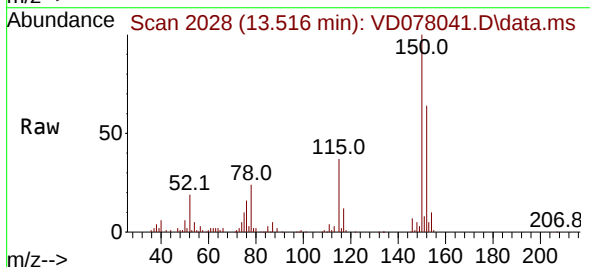
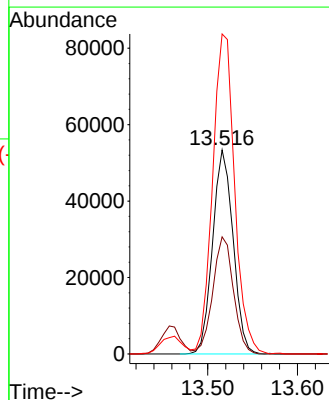
Tgt Ion:152 Resp: 84529

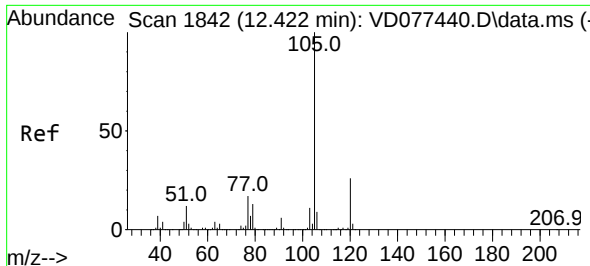
Ion Ratio Lower Upper

152 100

115 58.2 27.1 81.3

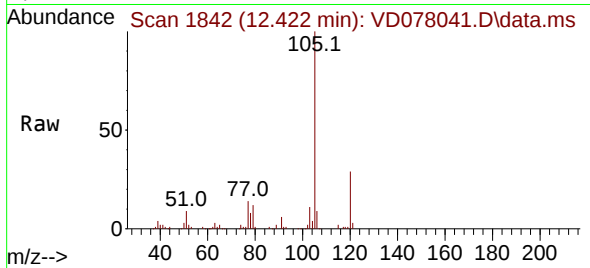
150 169.0 0.0 353.6





#73
Isopropylbenzene
Concen: 22.622 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

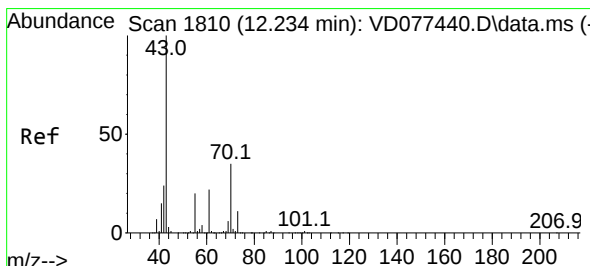
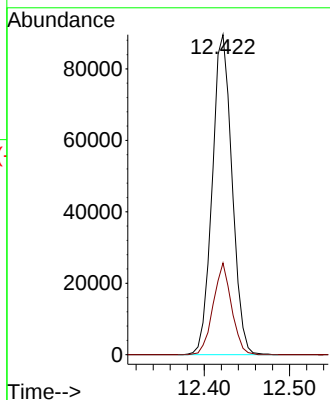
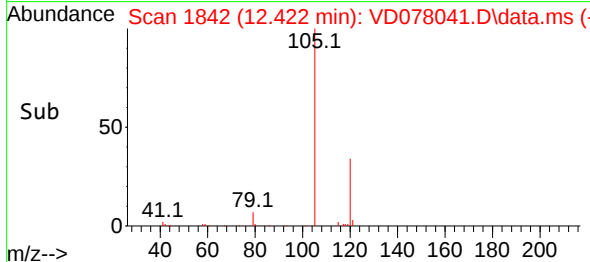
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



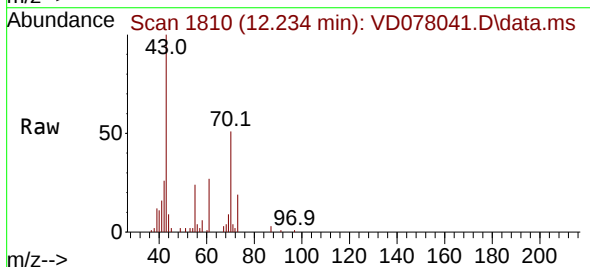
Tgt Ion:105 Resp: 144929
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

Manual Integrations
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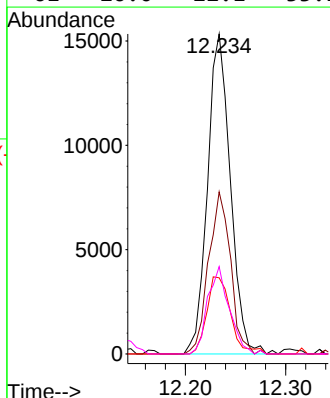
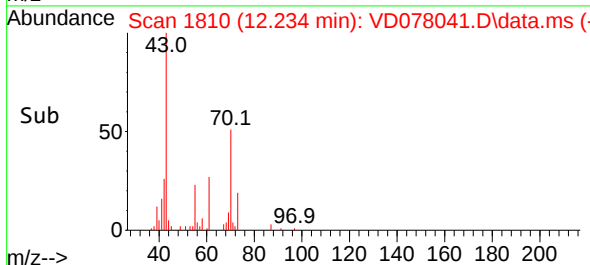
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

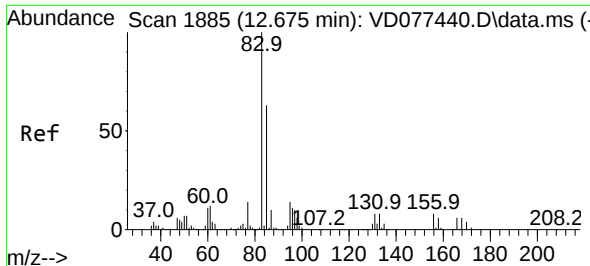


#74
N-ethyl acetate
Concen: 19.347 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



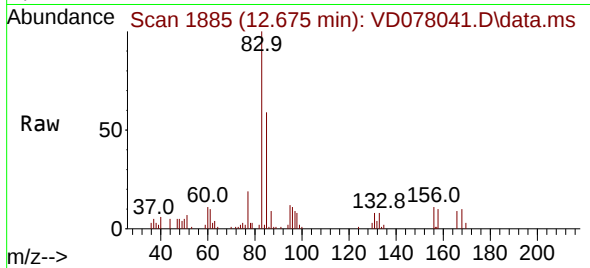
Tgt Ion: 43 Resp: 24364
Ion Ratio Lower Upper
43 100
70 48.6 45.0 67.4
55 25.1 23.8 35.6
61 26.0 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 24.632 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

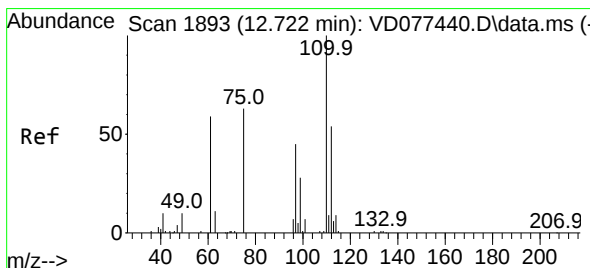
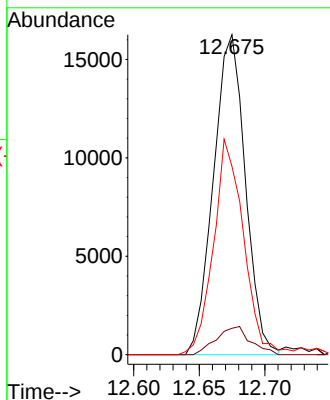
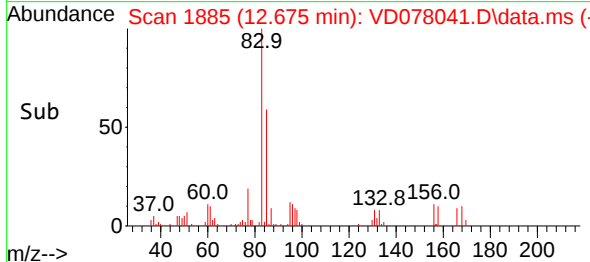
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



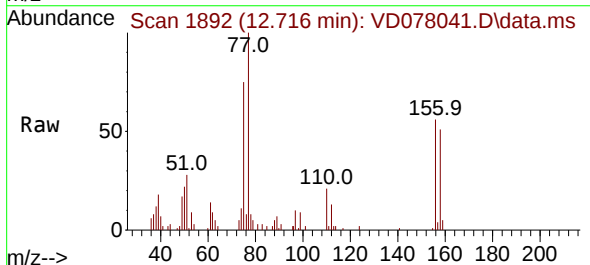
Tgt Ion: 83 Resp: 27510
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 63.4 32.6 97.8

Manual Integrations
APPROVED

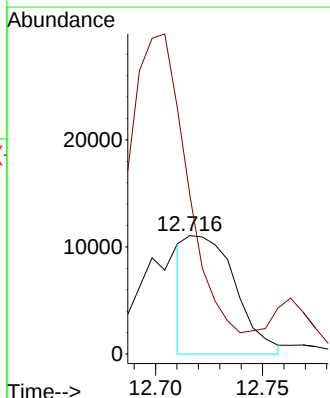
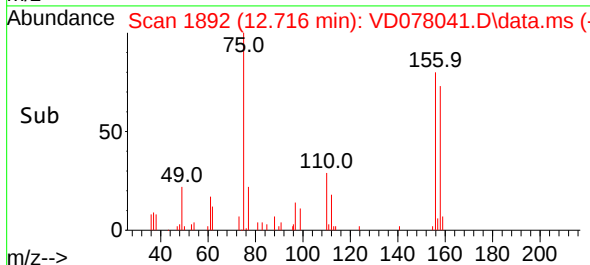
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

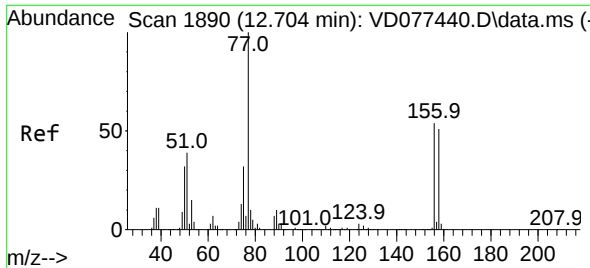


#76
1,2,3-Trichloropropane
Concen: 24.475 ug/l m
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



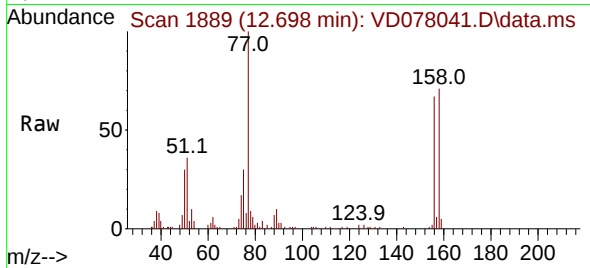
Tgt Ion: 75 Resp: 17968
Ion Ratio Lower Upper
75 100
77 334.8 0.0 0.0#





#77
Bromobenzene
Concen: 22.682 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

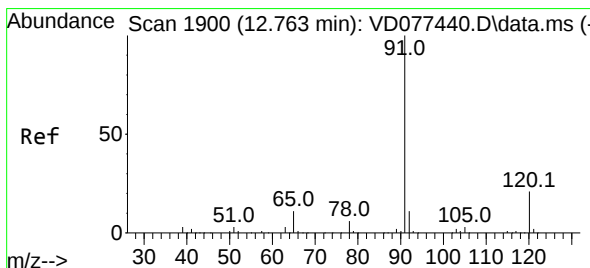
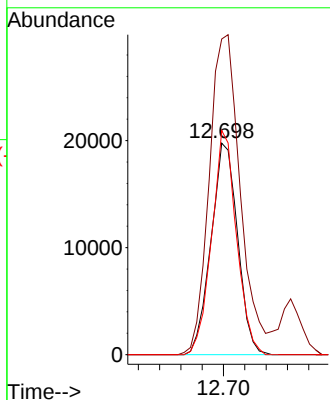
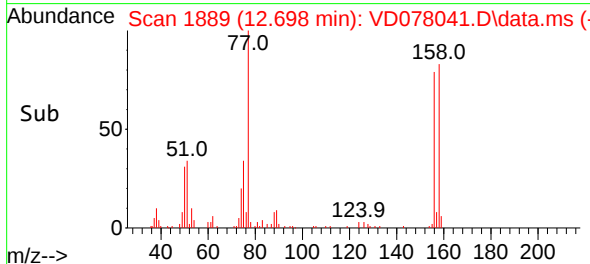
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



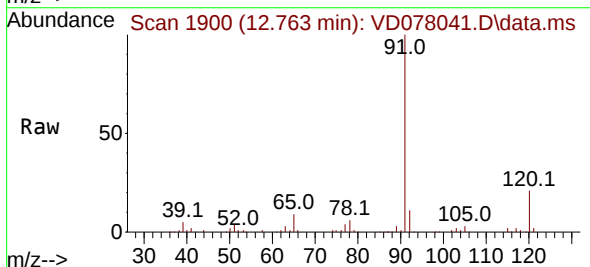
Tgt Ion:156 Resp: 34180
Ion Ratio Lower Upper
156 100
77 176.0 76.8 230.4
158 99.1 48.6 145.9

Manual Integrations
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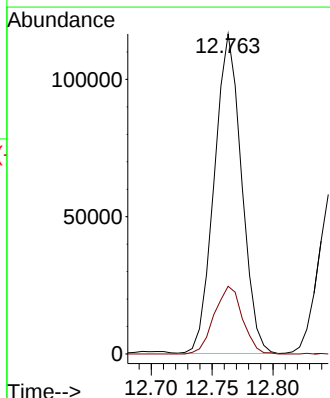
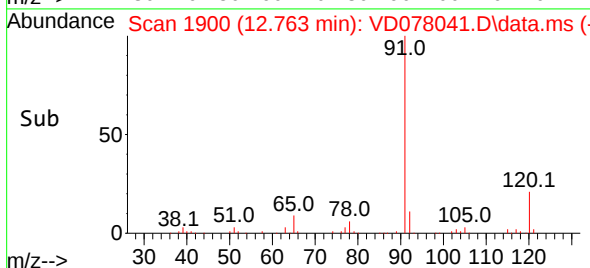
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

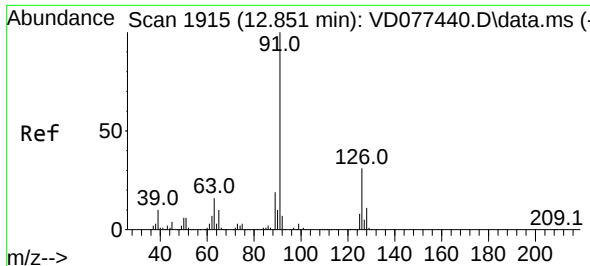


#78
n-propylbenzene
Concen: 23.248 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



Tgt Ion: 91 Resp: 181488
Ion Ratio Lower Upper
91 100
120 21.8 12.4 37.2





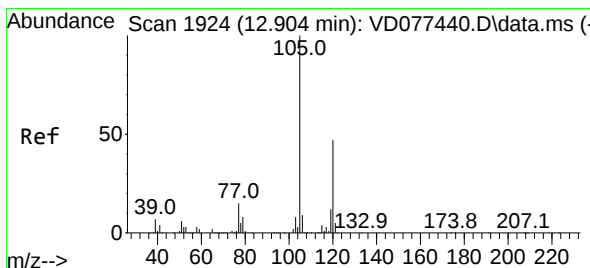
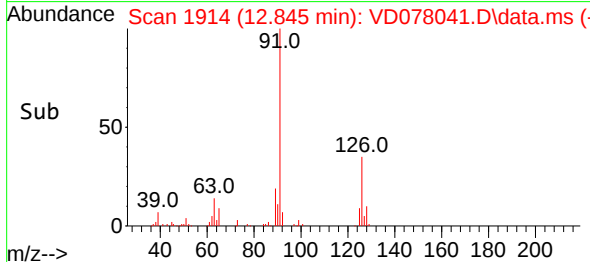
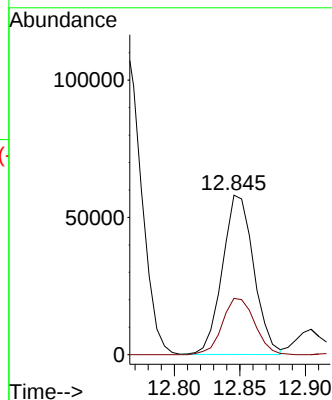
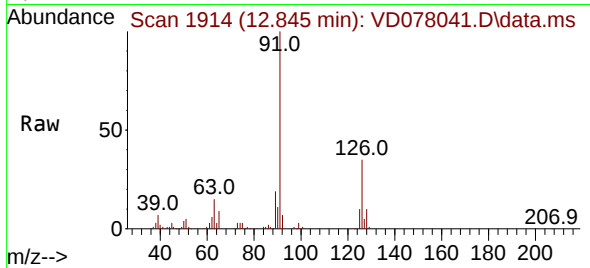
#79
2-Chlorotoluene
Concen: 23.038 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 91 Resp: 9638
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1

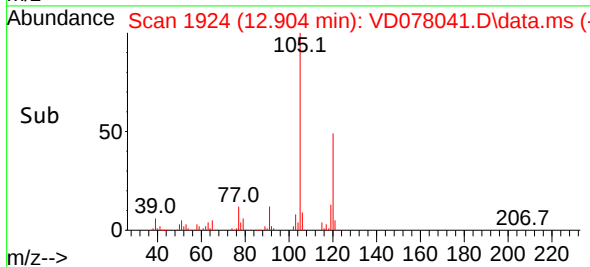
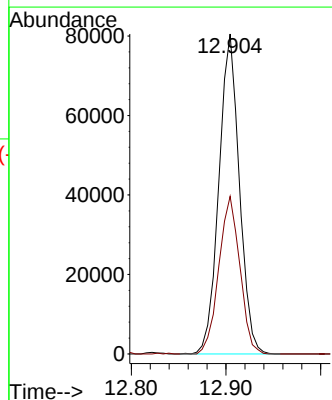
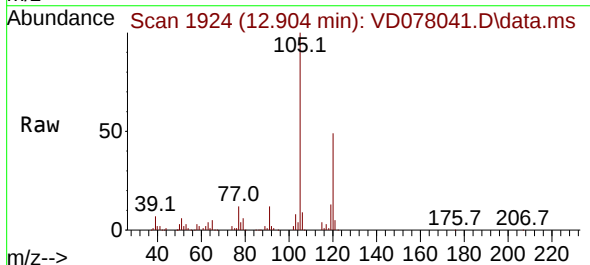
Manual Integrations
APPROVED

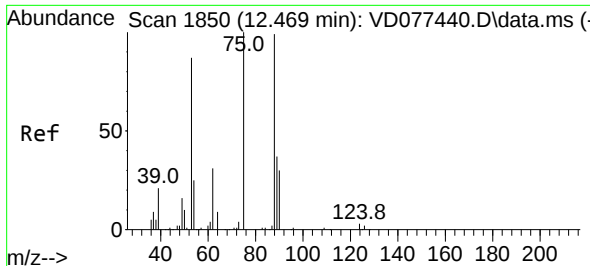
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.627 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:105 Resp: 120901
Ion Ratio Lower Upper
105 100
120 50.5 26.4 79.2





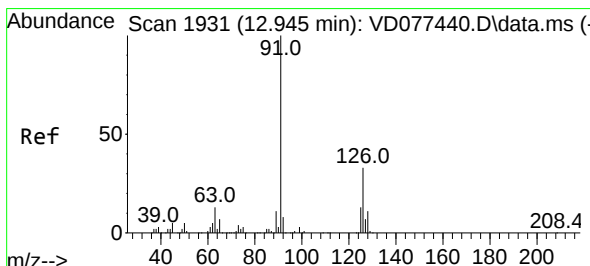
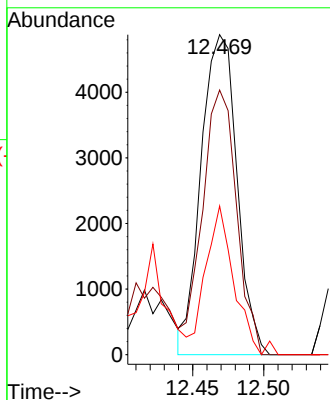
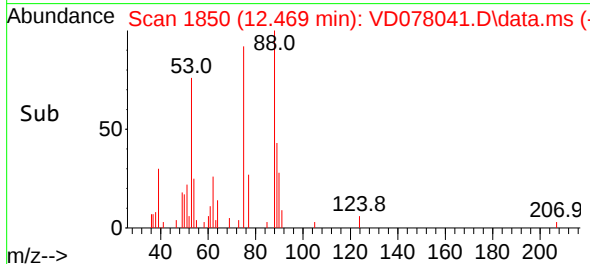
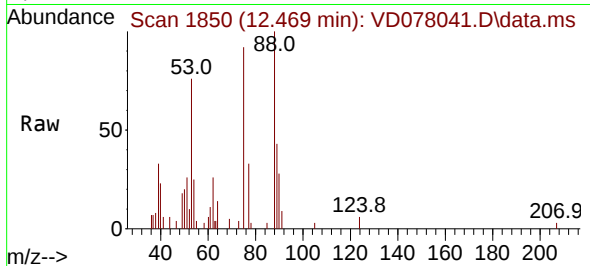
#81
trans-1,4-Dichloro-2-butene
Concen: 23.613 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion: 75 Resp: 8550
Ion Ratio Lower Upper
75 100
53 79.3 63.0 94.4
89 37.1 37.9 56.9

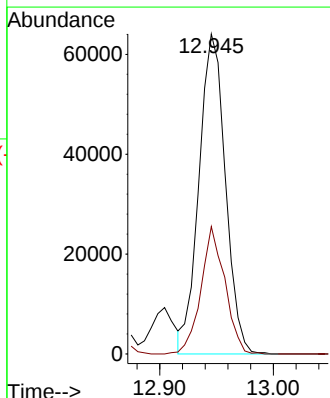
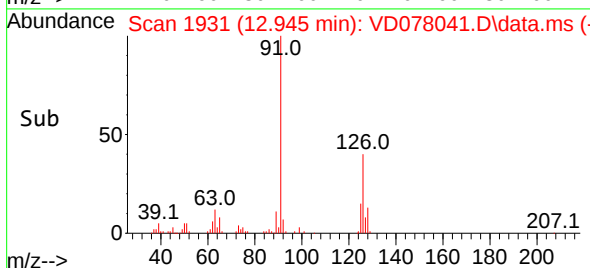
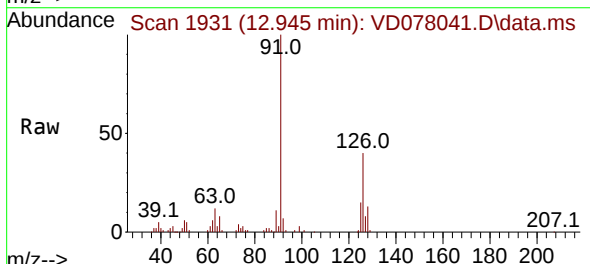
Manual Integrations
APPROVED

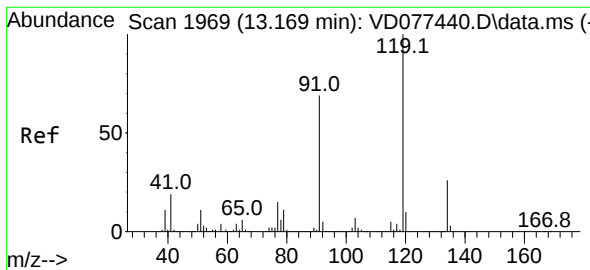
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#82
4-Chlorotoluene
Concen: 23.650 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 91 Resp: 103438
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





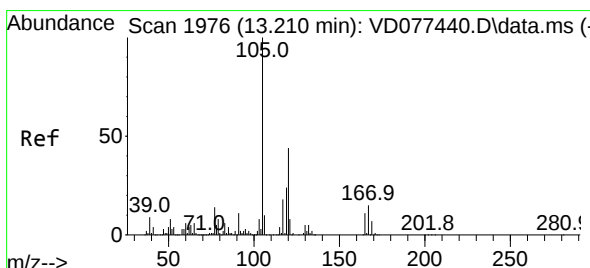
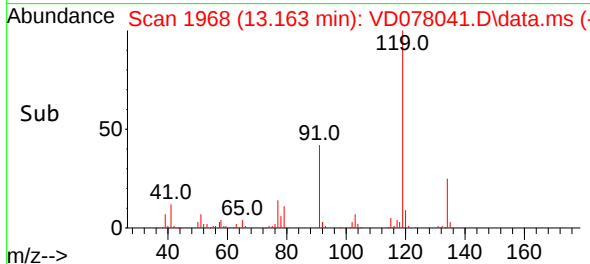
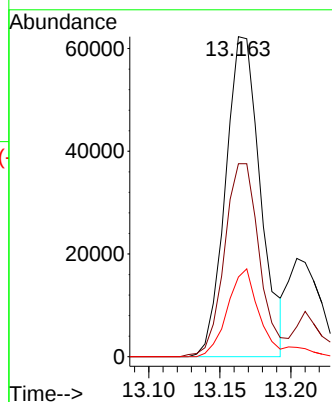
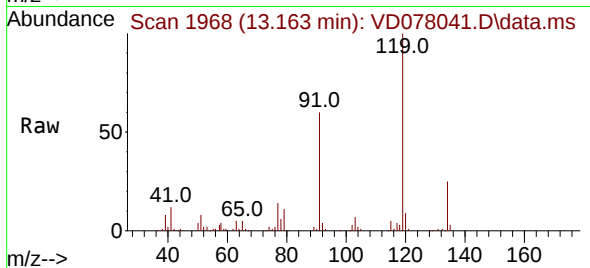
#83
tert-Butylbenzene
Concen: 23.664 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02

Tgt Ion:119 Resp: 106748
Ion Ratio Lower Upper
119 100
91 61.1 29.3 87.8
134 26.6 14.1 42.3

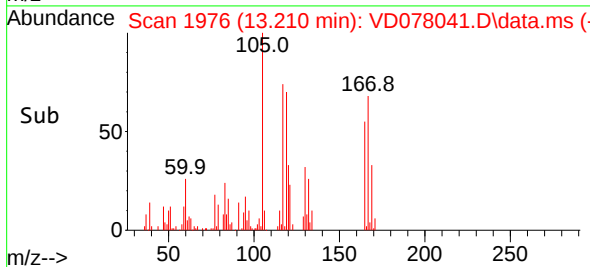
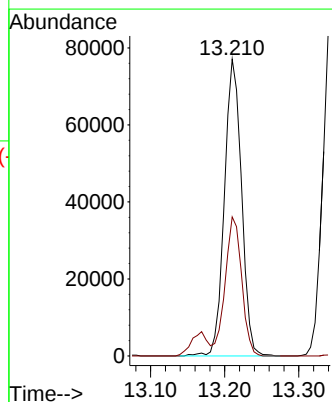
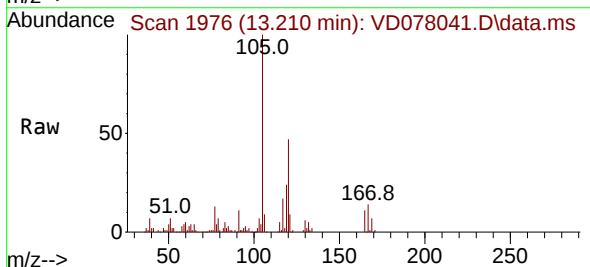
Manual Integrations
APPROVED

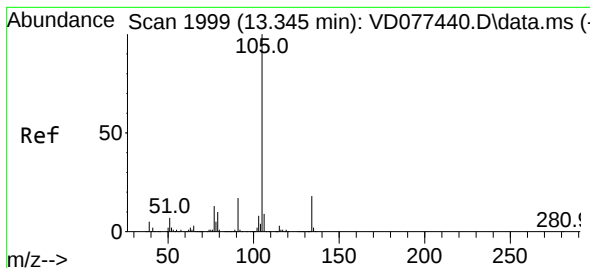
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 23.120 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

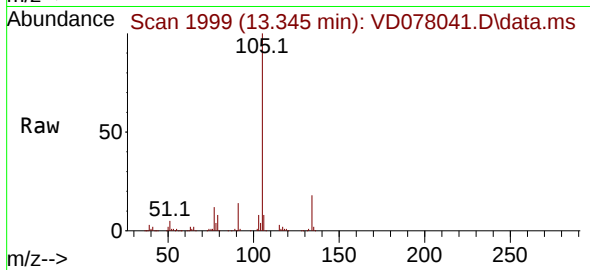
Tgt Ion:105 Resp: 123560
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 22.633 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

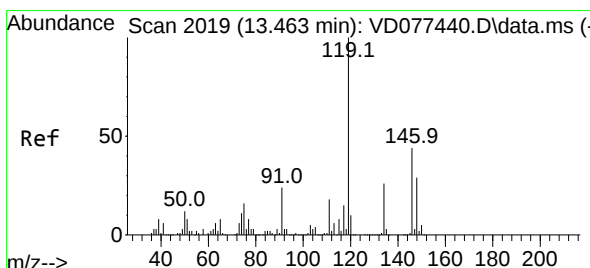
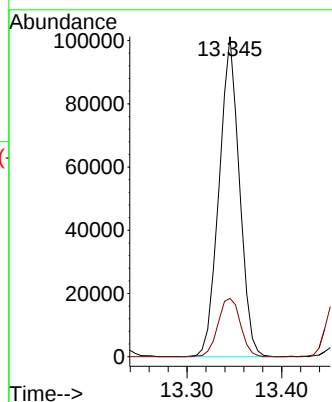
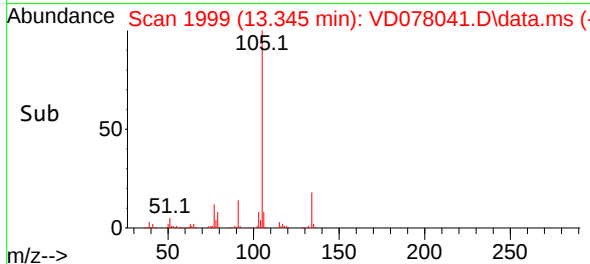
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS02



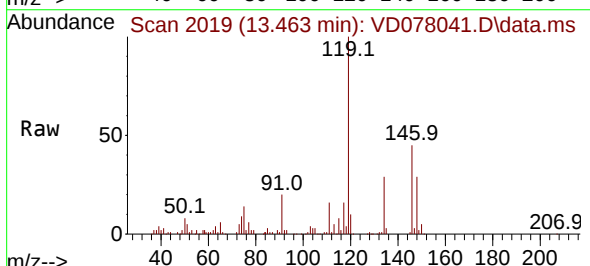
Tgt Ion:105 Resp: 150914
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

Manual Integrations
 APPROVED

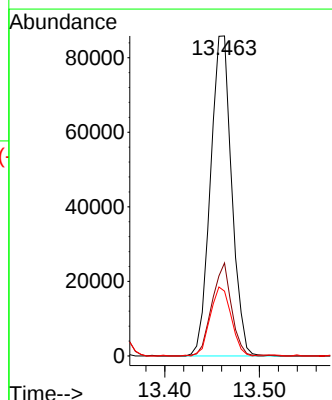
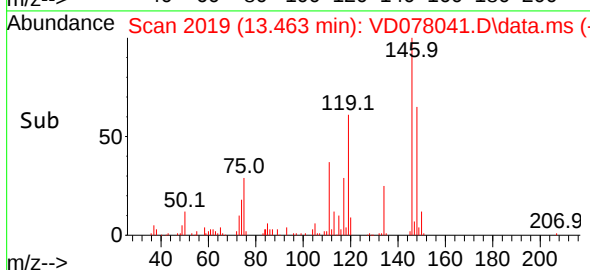
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

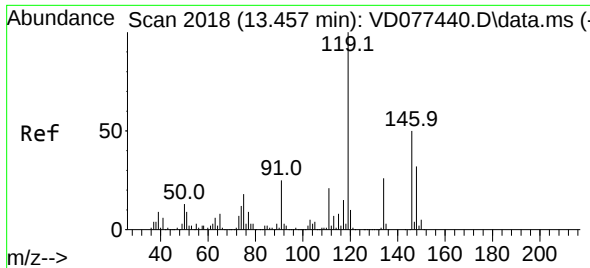


#86
 p-Isopropyltoluene
 Concen: 22.381 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49



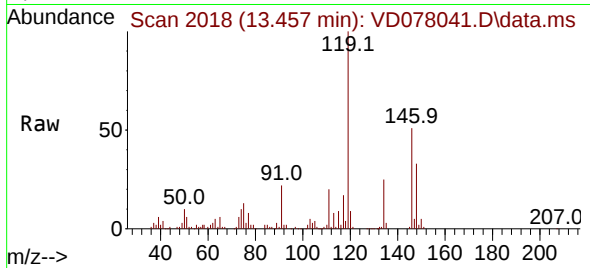
Tgt Ion:119 Resp: 133611
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.3 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 23.523 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

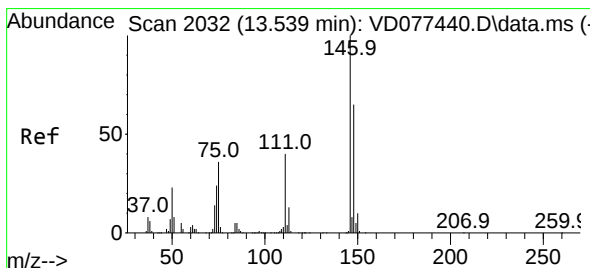
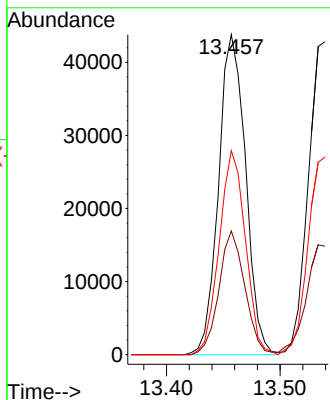
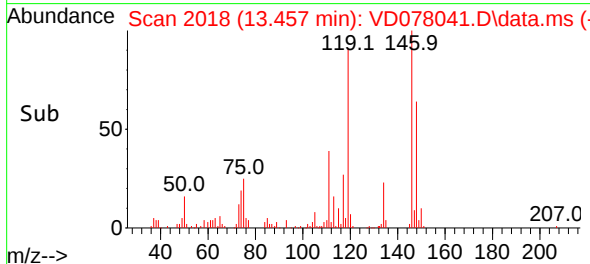
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



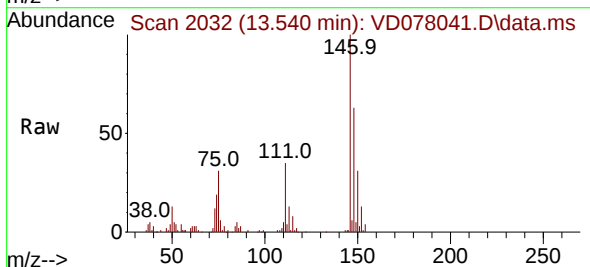
Tgt Ion:146 Resp: 72489
Ion Ratio Lower Upper
146 100
111 37.2 17.9 53.8
148 61.7 32.3 96.8

Manual Integrations
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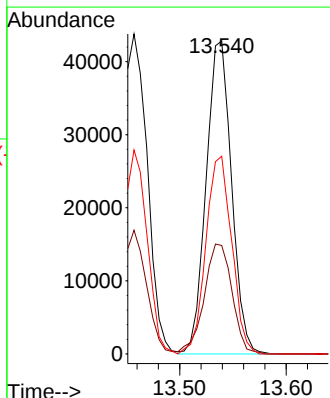
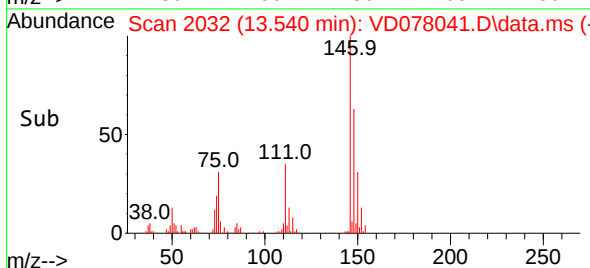
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#88
1,4-Dichlorobenzene
Concen: 22.173 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



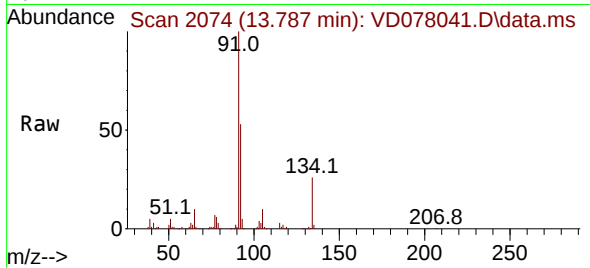
Tgt Ion:146 Resp: 70948
Ion Ratio Lower Upper
146 100
111 38.4 17.4 52.3
148 64.3 31.7 95.1





#89
n-Butylbenzene
Concen: 22.456 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

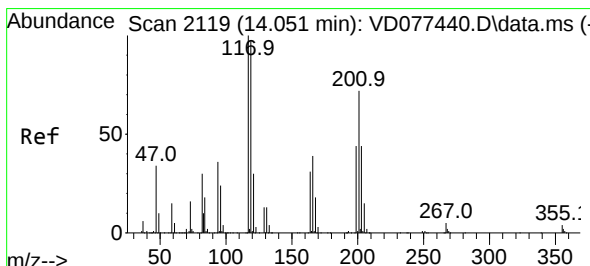
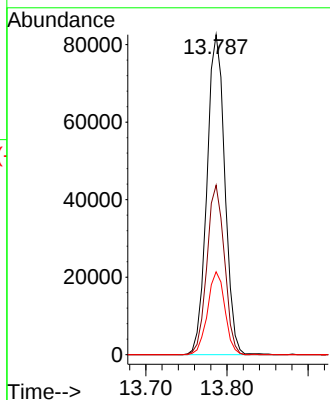
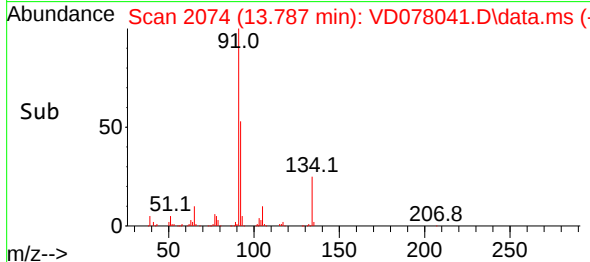
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



Tgt Ion: 91 Resp: 126148
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 25.2 13.8 41.3

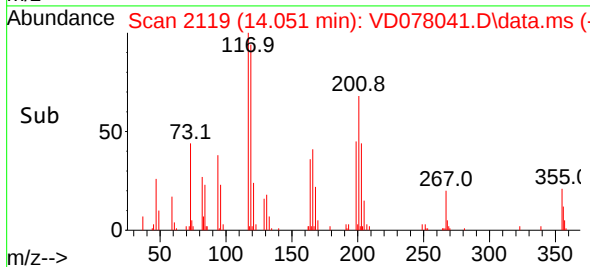
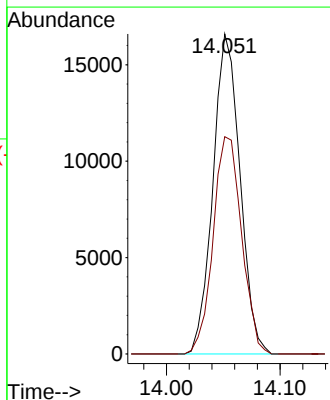
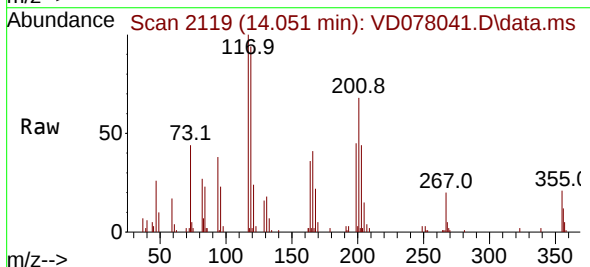
Manual Integrations
APPROVED

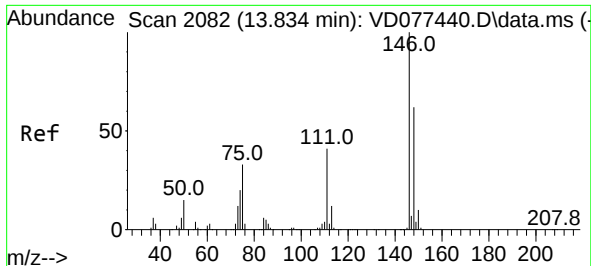
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#90
Hexachloroethane
Concen: 25.025 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:117 Resp: 27475
Ion Ratio Lower Upper
117 100
201 71.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 23.546 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

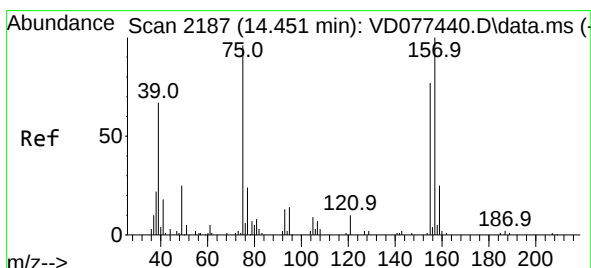
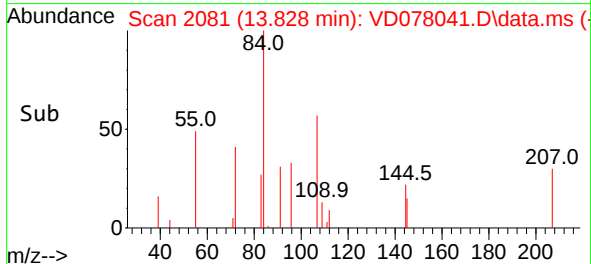
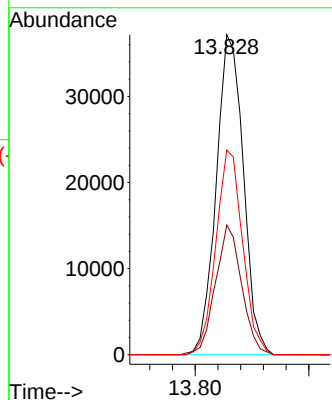
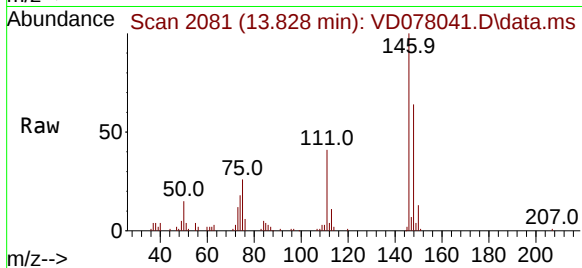
VD1221SBS02

Tgt Ion:	146	Resp:	6171
Ion Ratio	Lower	Upper	
146	100		
111	39.1	18.3	54.8
148	63.1	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.291 ug/l

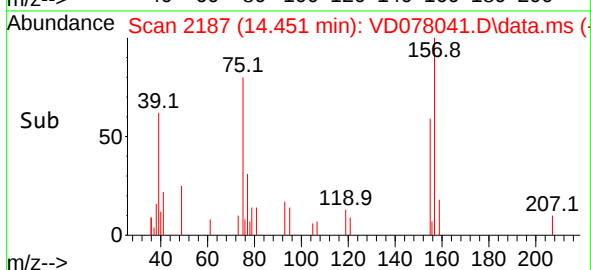
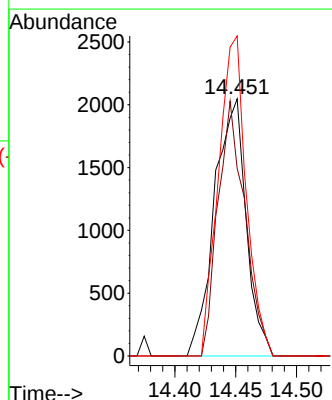
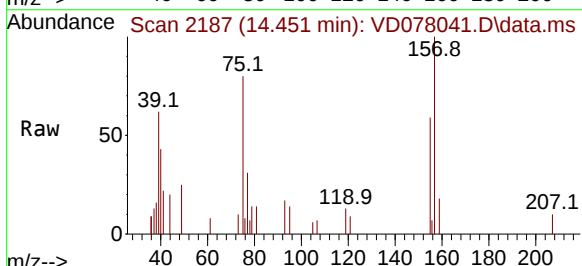
RT: 14.451 min Scan# 2187

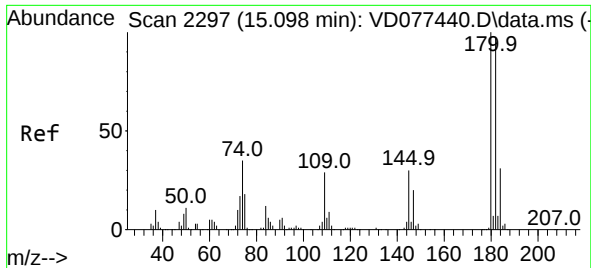
Delta R.T. 0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

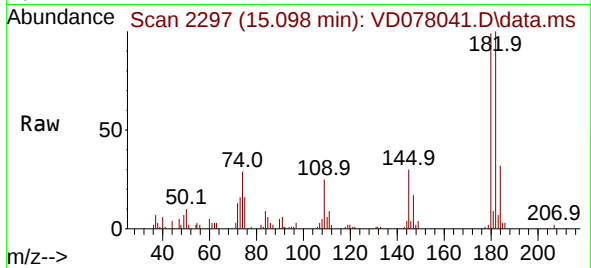
Tgt Ion:	75	Resp:	3695
Ion Ratio	Lower	Upper	
75	100		
155	84.7	47.9	143.8
157	109.7	59.9	179.7





#93
 1,2,4-Trichlorobenzene
 Concen: 20.331 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

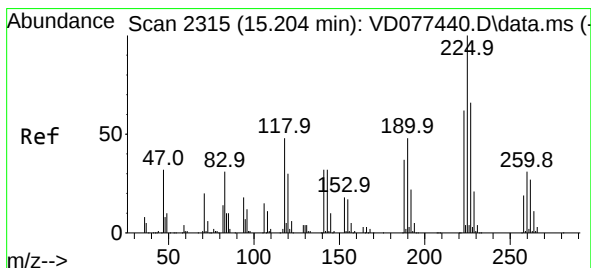
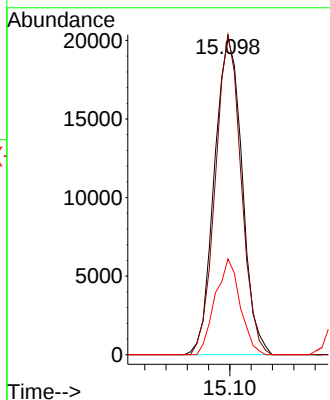
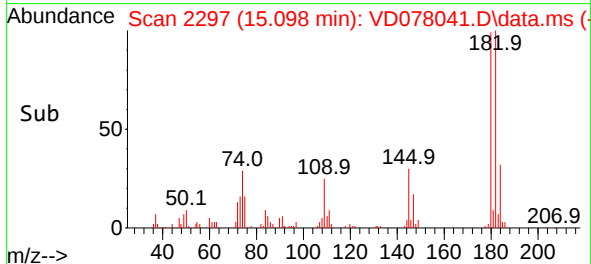
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS02



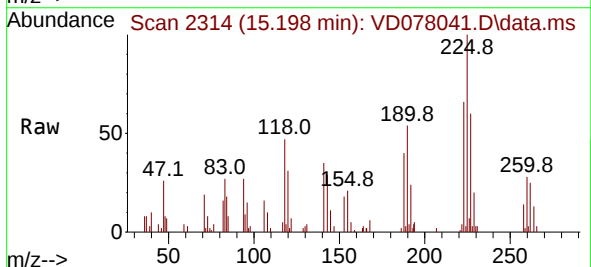
Tgt Ion:180 Resp: 36390
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.5 145.6
 145 27.2 14.2 42.6

Manual Integrations
 APPROVED

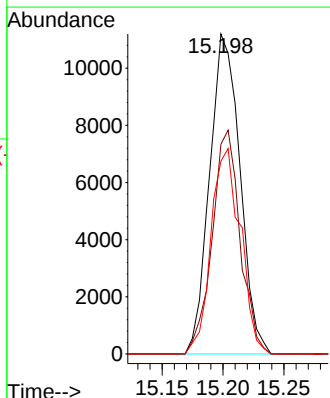
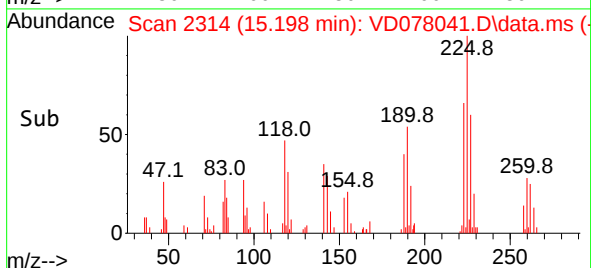
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

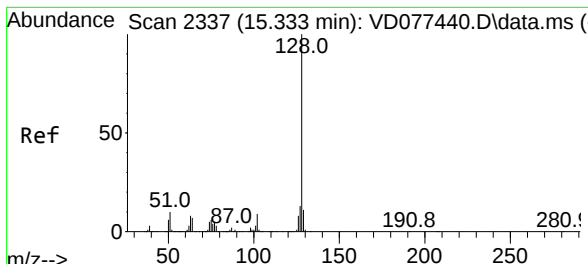


#94
 Hexachlorobutadiene
 Concen: 20.106 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49



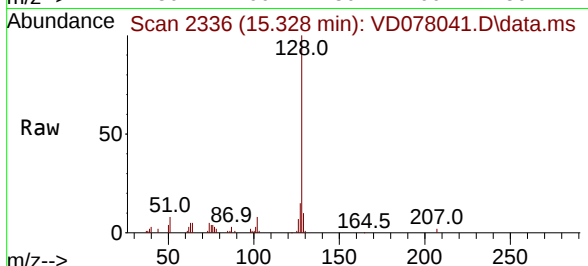
Tgt Ion:225 Resp: 19409
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.6 94.8
 227 62.2 31.7 95.1





#95
Naphthalene
Concen: 21.248 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

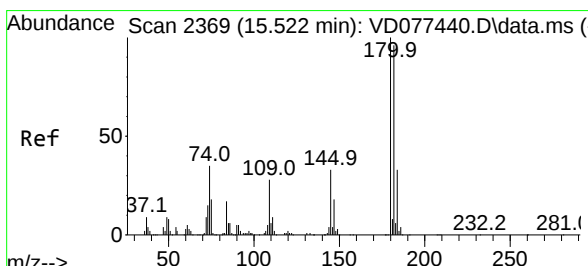
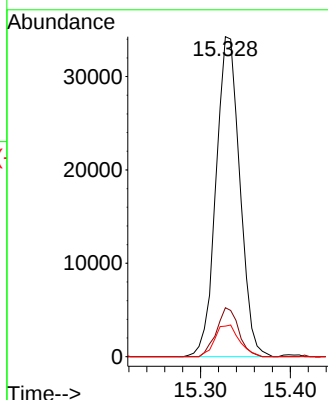
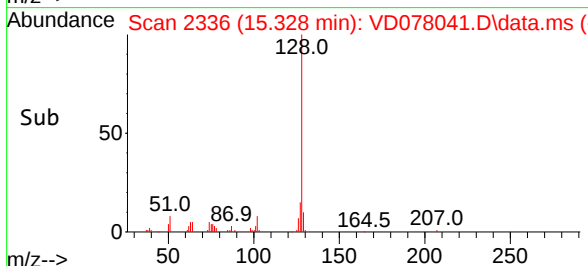
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



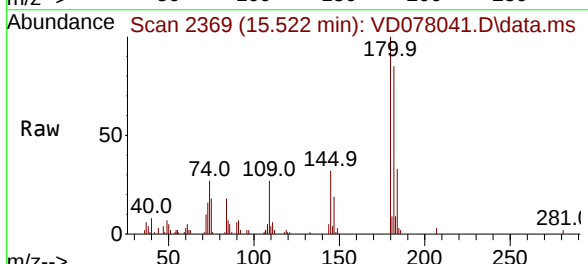
Tgt Ion:128 Resp: 6320
Ion Ratio Lower Upper
128 100
127 15.3 10.5 15.7
129 9.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.877 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



Tgt Ion:180 Resp: 30811
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 32.4 15.1 45.3

