

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078204.D
 Acq On : 23 Jan 2024 11:52
 Operator : RP/MD
 Sample : VD0123SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024

Quant Time: Jan 24 00:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	130900	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	236327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	214694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75225	50.340	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.680%			
35) Dibromofluoromethane	7.810	113	78298	50.341	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.680%			
50) Toluene-d8	10.269	98	312028	50.665	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.575	95	89825	50.294	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	34608	24.456	ug/l	99
3) Chloromethane	2.152	50	50098	20.977	ug/l	98
4) Vinyl Chloride	2.293	62	62516	20.140	ug/l	94
5) Bromomethane	2.699	94	44909	19.825	ug/l	99
6) Chloroethane	2.846	64	43791	20.197	ug/l	92
7) Trichlorofluoromethane	3.181	101	58193	20.611	ug/l	100
8) Diethyl Ether	3.599	74	16195	20.692	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	35398	21.646	ug/l	93
10) Methyl Iodide	4.175	142	31808	19.404	ug/l	# 88
11) Tert butyl alcohol	5.046	59	7230m	98.277	ug/l	
12) 1,1-Dichloroethene	3.952	96	34138	21.074	ug/l	# 78
13) Acrolein	3.799	56	14264	84.460	ug/l	99
14) Allyl chloride	4.569	41	43623	20.415	ug/l	# 89
15) Acrylonitrile	5.258	53	34010	96.835	ug/l	98
16) Acetone	4.028	43	52373	130.420	ug/l	87
17) Carbon Disulfide	4.281	76	111828	21.289	ug/l	99
18) Methyl Acetate	4.575	43	25109	19.530	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	66482	19.681	ug/l	94
20) Methylene Chloride	4.811	84	41400	20.214	ug/l	90
21) trans-1,2-Dichloroethene	5.322	96	37905	20.249	ug/l	90
22) Diisopropyl ether	6.222	45	93491	20.677	ug/l	# 91
23) Vinyl Acetate	6.158	43	222189m	99.741	ug/l	
24) 1,1-Dichloroethane	6.116	63	64492	20.642	ug/l	98
25) 2-Butanone	7.081	43	57103	115.756	ug/l	# 86
26) 2,2-Dichloropropane	7.081	77	53704	20.519	ug/l	98
27) cis-1,2-Dichloroethene	7.093	96	41285	20.532	ug/l	90
28) Bromochloromethane	7.434	49	25831	21.198	ug/l	# 72
29) Tetrahydrofuran	7.457	42	24506	99.403	ug/l	# 85
30) Chloroform	7.599	83	65627	20.654	ug/l	93
31) Cyclohexane	7.881	56	57669	20.872	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	56541	20.600	ug/l	99
36) 1,1-Dichloropropene	8.010	75	51441	20.112	ug/l	96
37) Ethyl Acetate	7.175	43	18985	19.939	ug/l	# 93
38) Carbon Tetrachloride	7.999	117	50689	20.066	ug/l	94
39) Methylcyclohexane	9.281	83	61250	20.249	ug/l	96
40) Benzene	8.252	78	150365	20.716	ug/l	96

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 Supervised By :Semsettin Yesilyurt 01/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	11850	22.665	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	38796	20.543	ug/l	93
43) Isopropyl Acetate	8.363	43	31888	18.280	ug/l #	92
44) Trichloroethene	9.028	130	37353	20.116	ug/l	99
45) 1,2-Dichloropropane	9.304	63	35377	19.642	ug/l	95
46) Dibromomethane	9.399	93	19978	20.198	ug/l #	85
47) Bromodichloromethane	9.587	83	48300	19.440	ug/l #	91
48) Methyl methacrylate	9.381	41	19525	19.333	ug/l #	77
49) 1,4-Dioxane	9.393	88	3356	350.658	ug/l #	77
51) 4-Methyl-2-Pentanone	10.163	43	87907	95.897	ug/l	89
52) Toluene	10.340	92	93957	20.422	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	45558	19.875	ug/l	89
54) cis-1,3-Dichloropropene	10.022	75	54222	19.732	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	25315	19.127	ug/l	94
56) Ethyl methacrylate	10.598	69	20904	19.294	ug/l #	78
57) 1,3-Dichloropropane	10.881	76	43957	19.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	61681	95.002	ug/l	95
59) 2-Hexanone	10.922	43	81441	109.330	ug/l	89
60) Dibromochloromethane	11.075	129	30631	19.630	ug/l	95
61) 1,2-Dibromoethane	11.181	107	24532	20.108	ug/l	100
64) Tetrachloroethene	10.816	164	27431	19.541	ug/l #	90
65) Chlorobenzene	11.610	112	93630	19.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	33765	19.922	ug/l	96
67) Ethyl Benzene	11.687	91	169614	19.652	ug/l	98
68) m/p-Xylenes	11.798	106	131436	39.874	ug/l	89
69) o-Xylene	12.122	106	59442	19.871	ug/l	90
70) Styrene	12.140	104	90721	20.238	ug/l	94
71) Bromoform	12.304	173	15857	18.892	ug/l #	100
73) Isopropylbenzene	12.422	105	159794	20.202	ug/l	96
74) N-amyl acetate	12.234	43	29657	19.598	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	28303	19.230	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	20305m	21.045	ug/l	
77) Bromobenzene	12.704	156	34171	19.704	ug/l	80
78) n-propylbenzene	12.763	91	201963	20.587	ug/l	92
79) 2-Chlorotoluene	12.851	91	105307	20.115	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	130760	19.937	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	9904	22.111	ug/l	94
82) 4-Chlorotoluene	12.951	91	110643	20.049	ug/l	95
83) tert-Butylbenzene	13.169	119	109097	19.899	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	132872	20.032	ug/l	95
85) sec-Butylbenzene	13.345	105	167755	20.207	ug/l	94
86) p-Isopropyltoluene	13.463	119	141885	19.640	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	69481	19.351	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	71386	20.124	ug/l	96
89) n-Butylbenzene	13.787	91	141788	20.161	ug/l	97
90) Hexachloroethane	14.057	117	28933	20.417	ug/l	80
91) 1,2-Dichlorobenzene	13.834	146	59367	19.663	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3830	18.210	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	35033	18.771	ug/l	96
94) Hexachlorobutadiene	15.204	225	17556	19.466	ug/l	98
95) Naphthalene	15.334	128	64828	18.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	30263	19.327	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

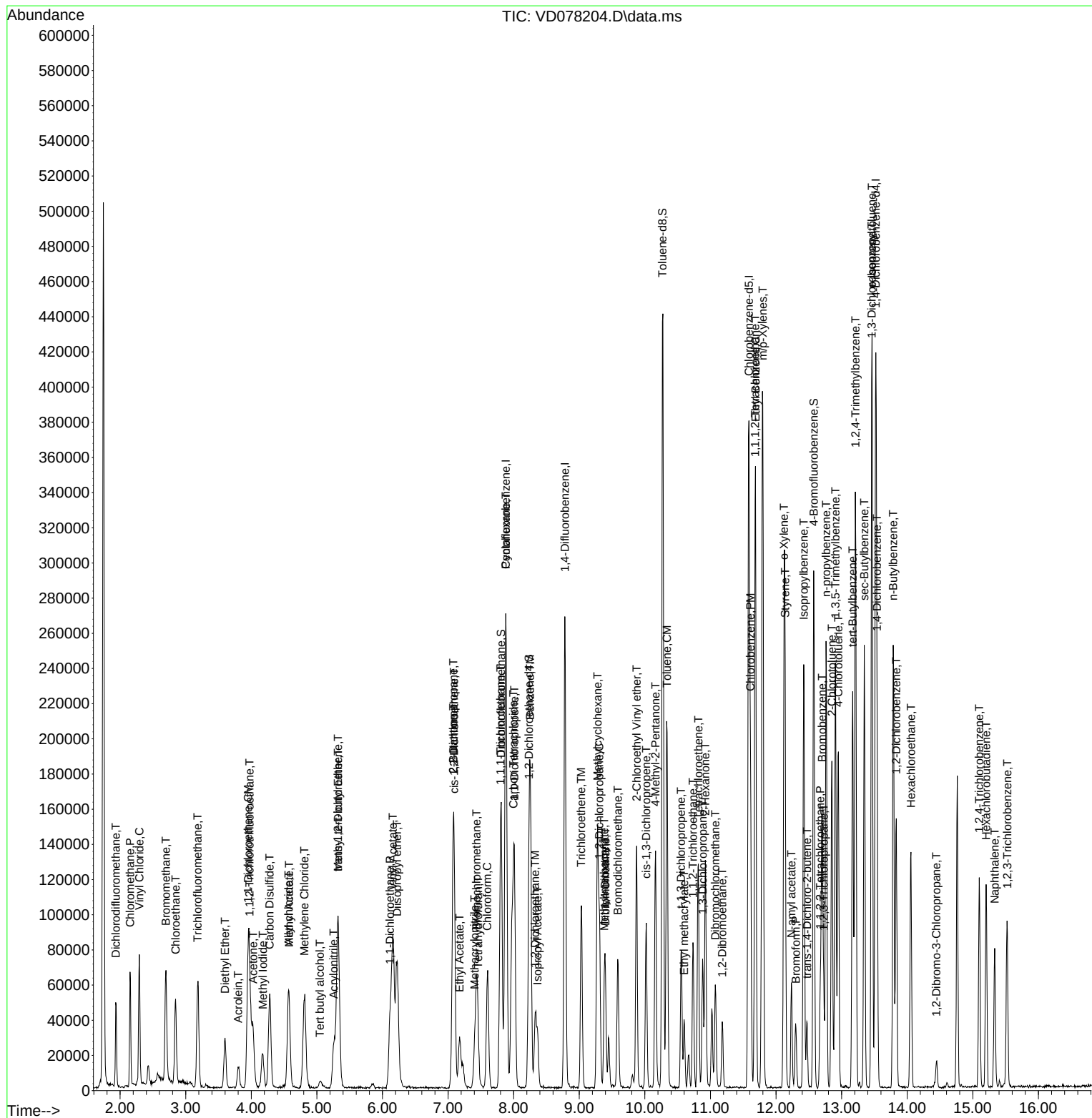
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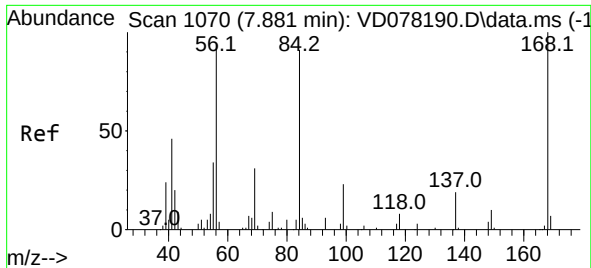
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Manual Integrations APPROVED

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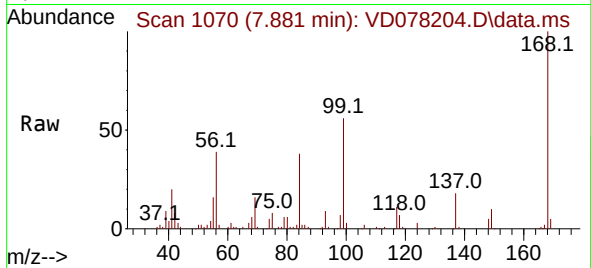
Quant Time: Jan 24 00:18:24 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

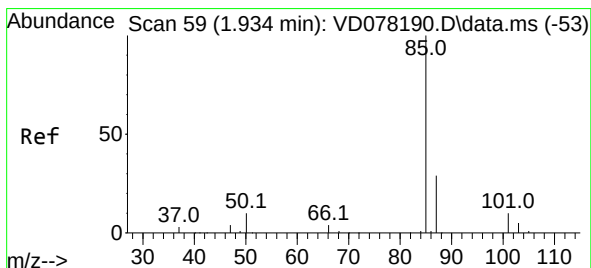
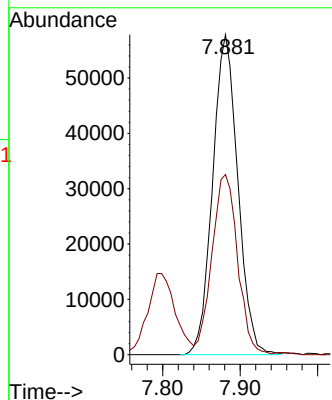
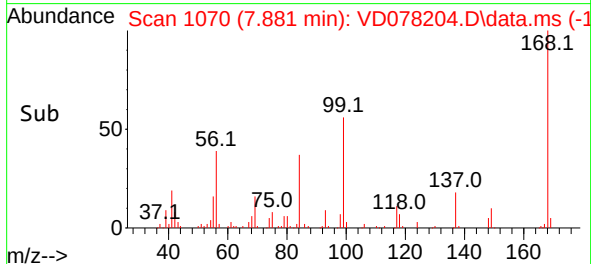
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion:168 Resp: 130900
Ion Ratio Lower Upper
168 100
99 55.6 36.7 55.1

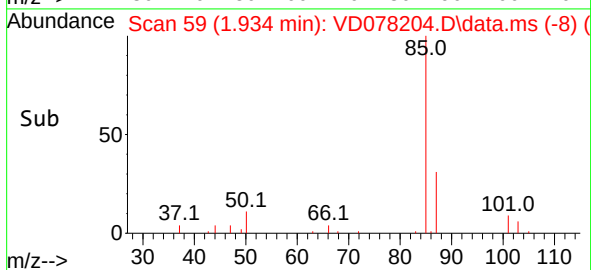
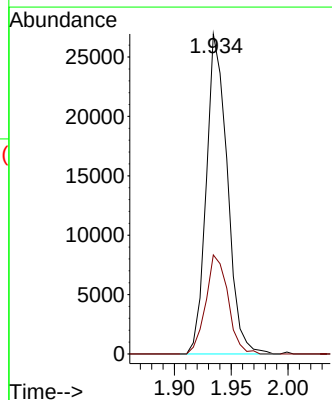
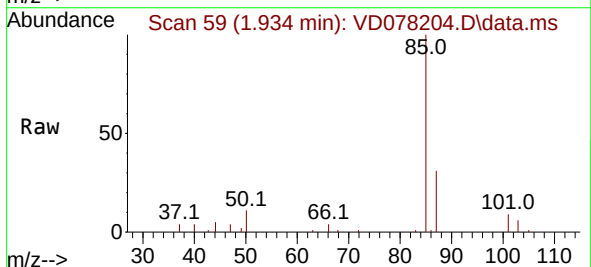
Manual Integrations
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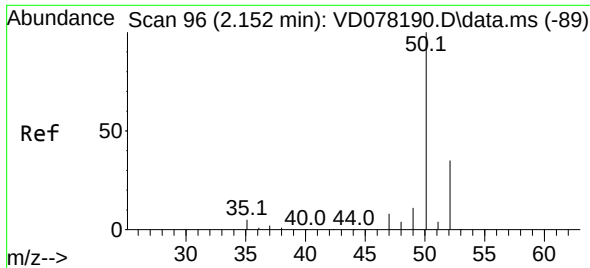
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#2
Dichlorodifluoromethane
Concen: 24.456 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

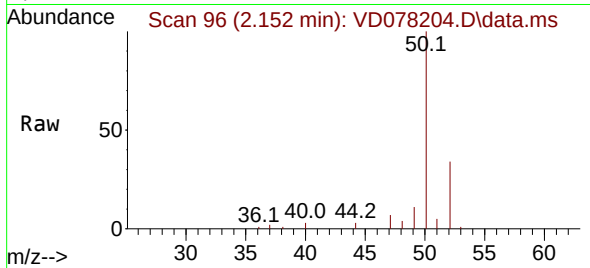
Tgt Ion: 85 Resp: 34608
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0





#3
Chloromethane
Concen: 20.977 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

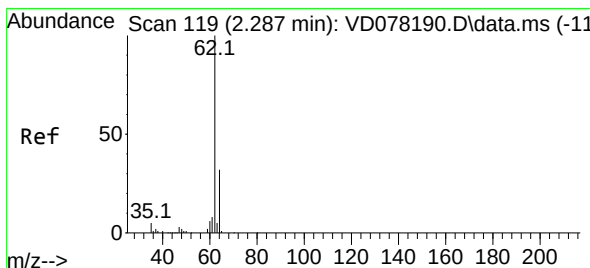
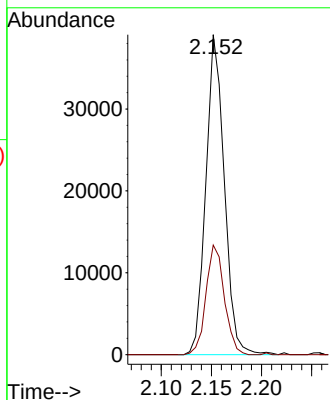
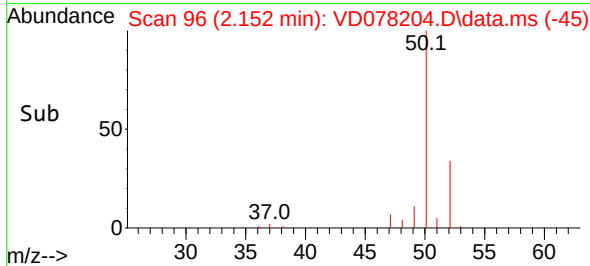
Instrument :
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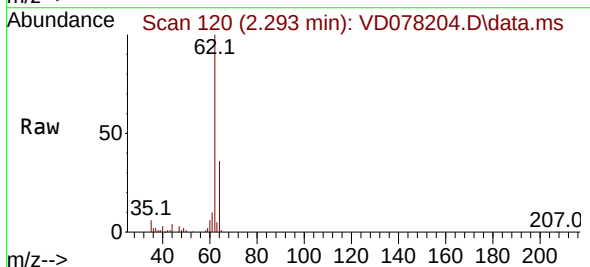
Tgt Ion: 50 Resp: 50098
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0

Manual Integrations
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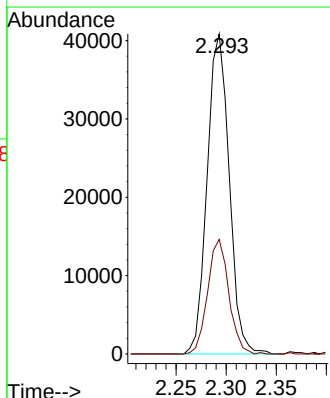
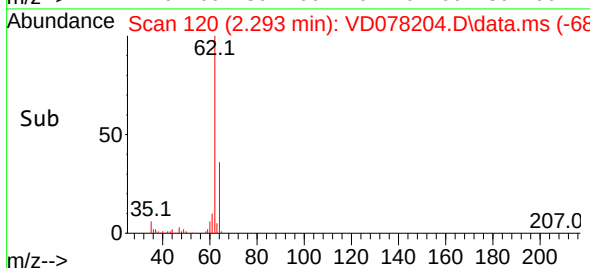
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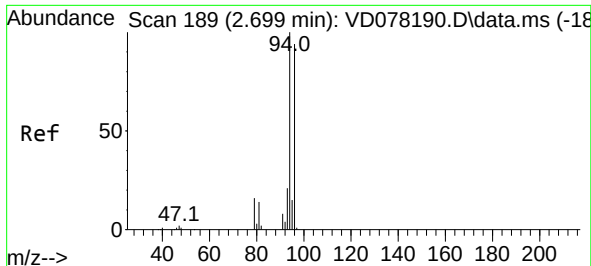


#4
Vinyl Chloride
Concen: 20.140 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion: 62 Resp: 62516
Ion Ratio Lower Upper
62 100
64 35.8 26.0 39.0





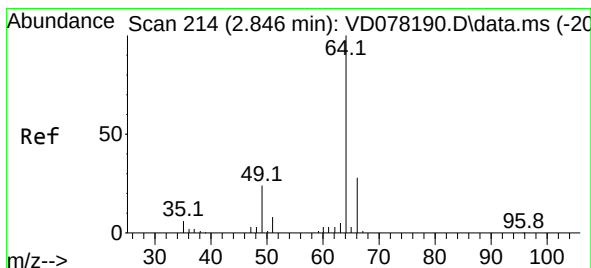
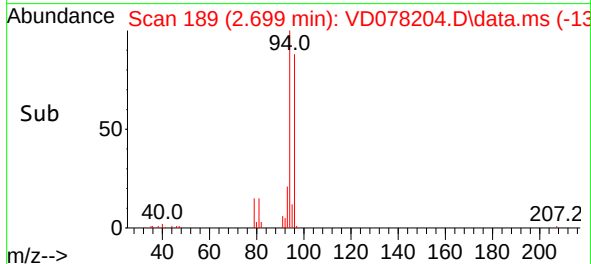
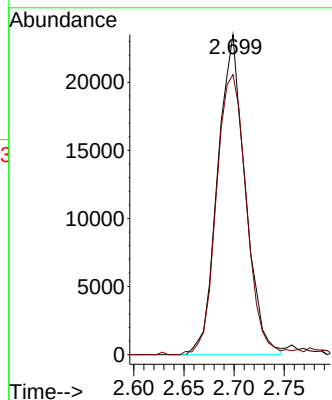
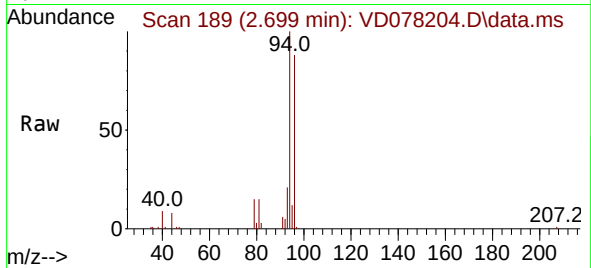
#5
Bromomethane
Concen: 19.825 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 44909
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.8

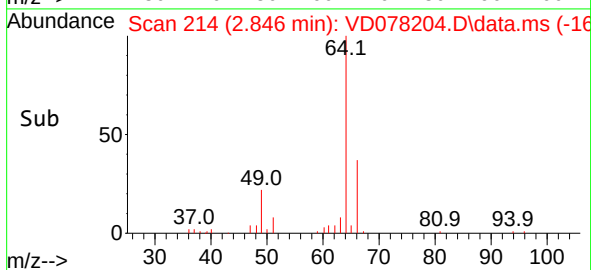
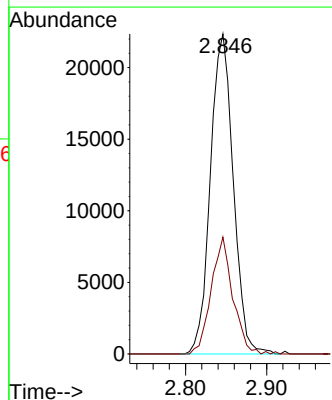
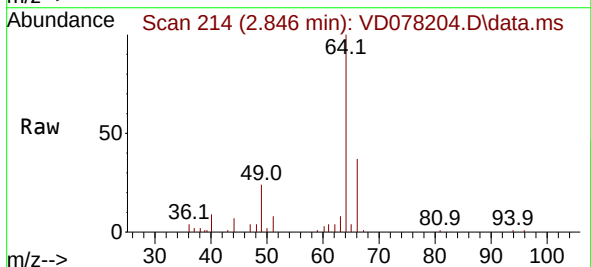
Manual Integrations
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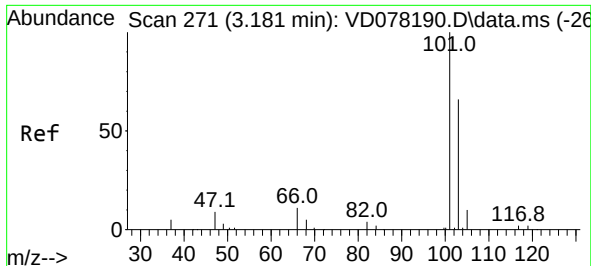
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#6
Chloroethane
Concen: 20.197 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion: 64 Resp: 43791
Ion Ratio Lower Upper
64 100
66 36.5 25.5 38.3





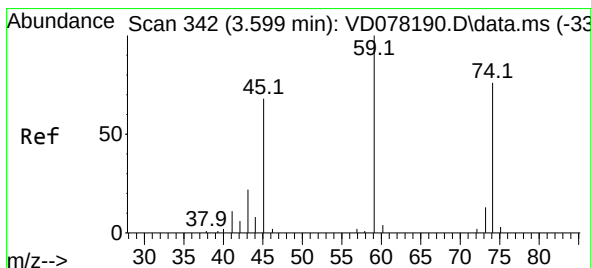
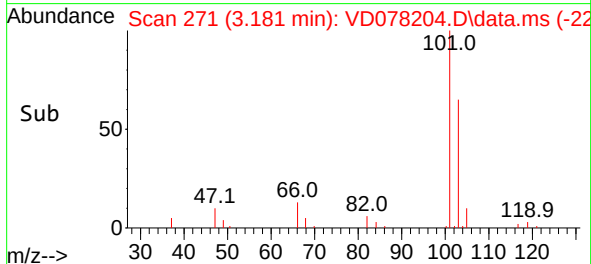
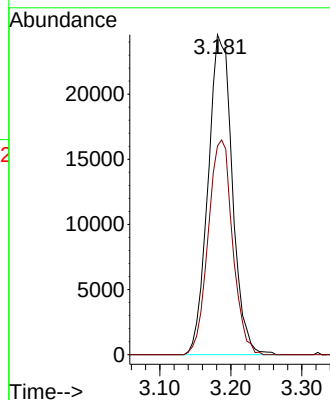
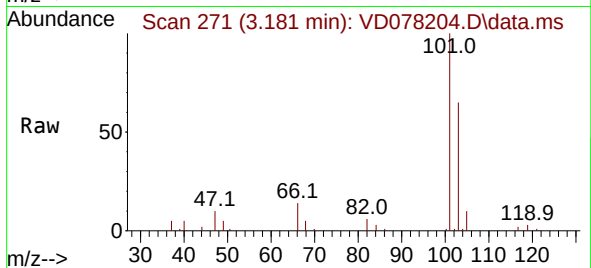
#7
Trichlorofluoromethane
Concen: 20.611 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion:101 Resp: 5819
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

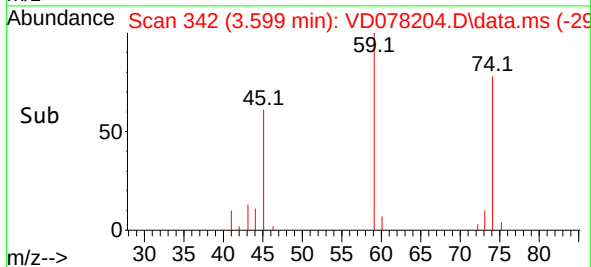
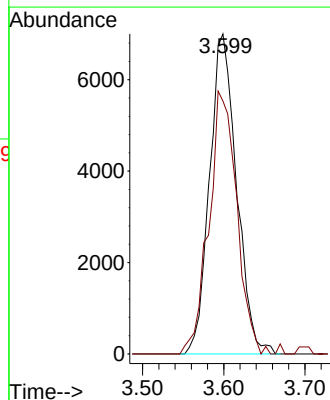
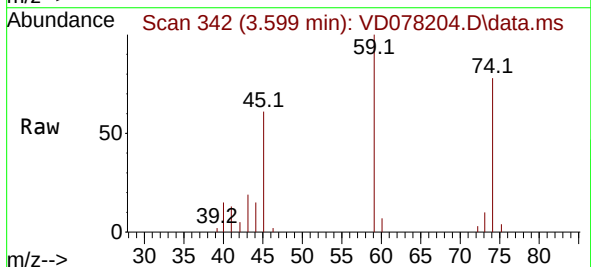
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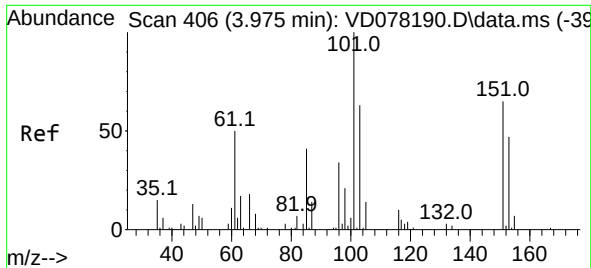
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#8
Diethyl Ether
Concen: 20.692 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion: 74 Resp: 16195
Ion Ratio Lower Upper
74 100
45 84.6 37.5 112.7





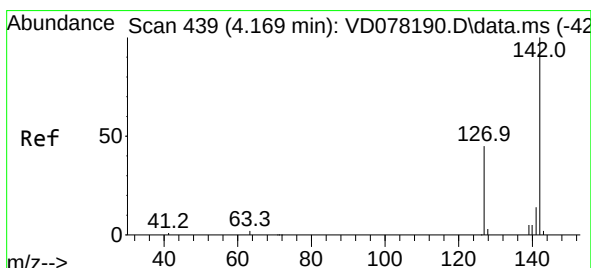
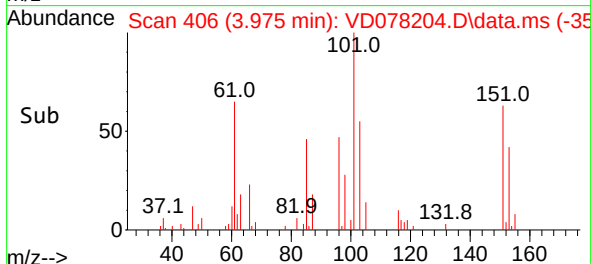
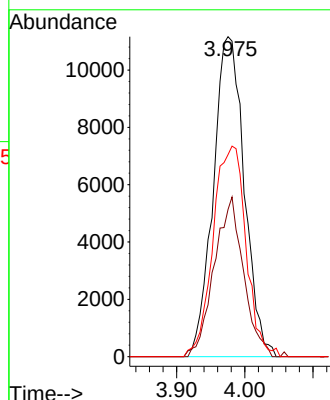
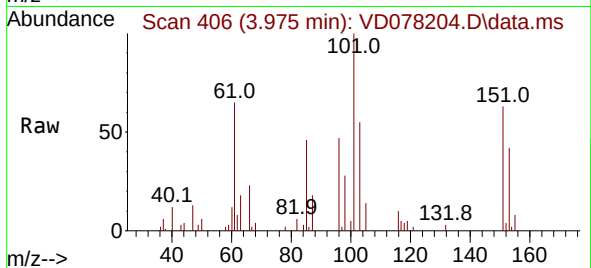
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.646 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion:101 Resp: 35398
Ion Ratio Lower Upper
101 100
85 46.9 33.8 50.6
151 69.5 59.8 89.6

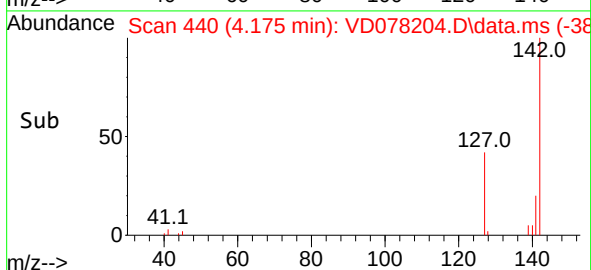
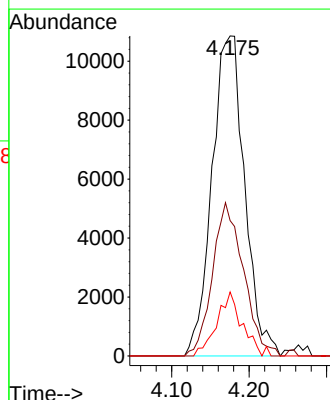
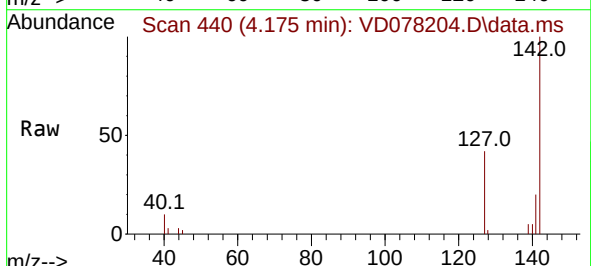
Manual Integrations
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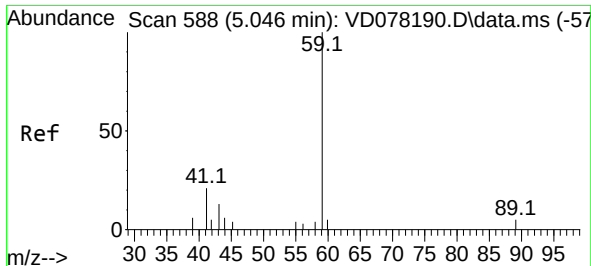
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#10
Methyl Iodide
Concen: 19.404 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

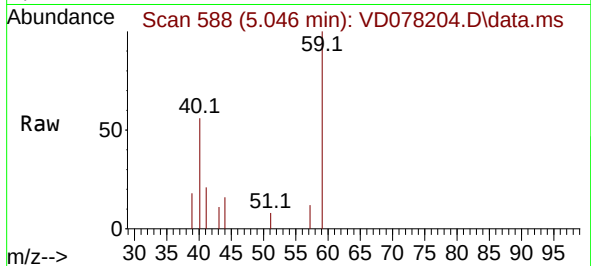
Tgt Ion:142 Resp: 31808
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 15.6 11.1 16.7





#11
Tert butyl alcohol
Concen: 98.277 ug/l m
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

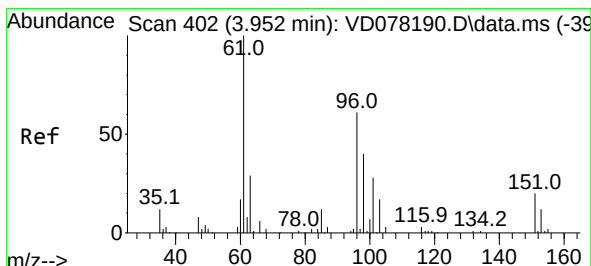
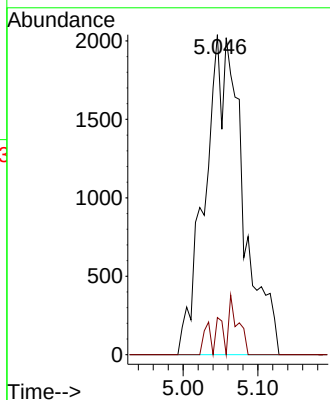
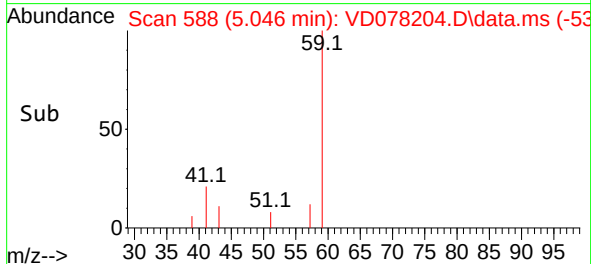
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



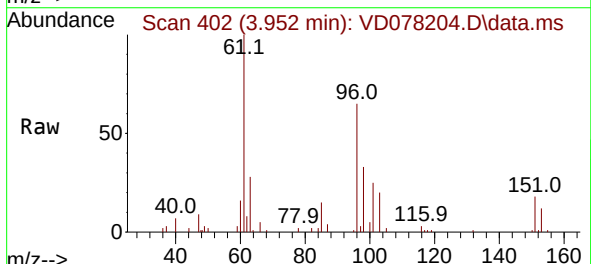
Tgt Ion: 59 Resp: 7230
Ion Ratio Lower Upper
59 100
57 2.2 7.8 11.8

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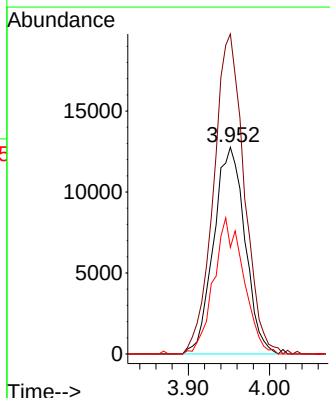
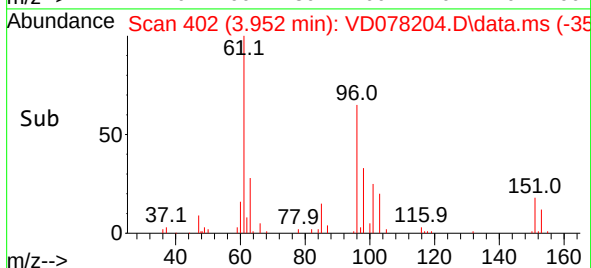
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

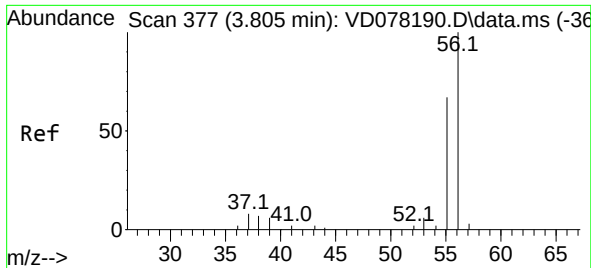


#12
1,1-Dichloroethene
Concen: 21.074 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion: 96 Resp: 34138
Ion Ratio Lower Upper
96 100
61 154.8 100.6 150.8#
98 51.6 50.2 75.2





#13

Acrolein

Concen: 84.460 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

Tgt Ion: 56 Resp: 14264

Ion Ratio Lower Upper

56 100

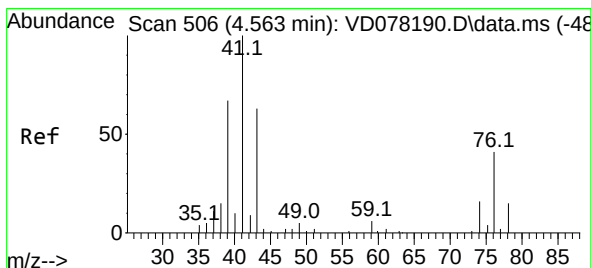
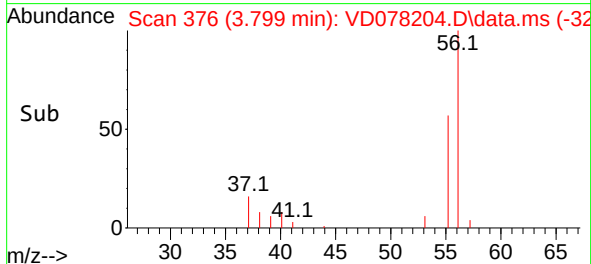
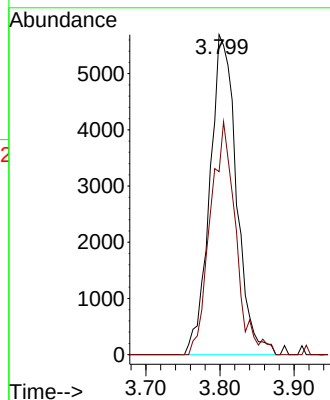
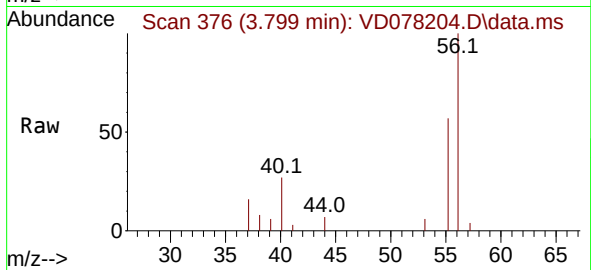
55 69.6 55.1 82.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#14

Allyl chloride

Concen: 20.415 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

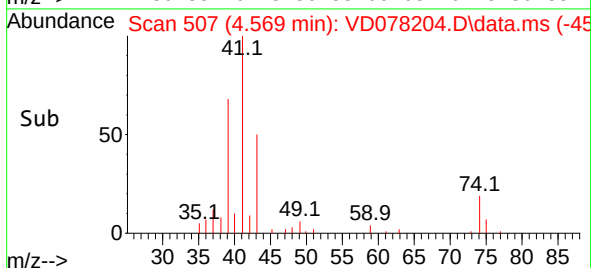
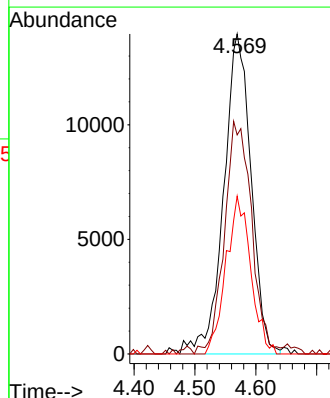
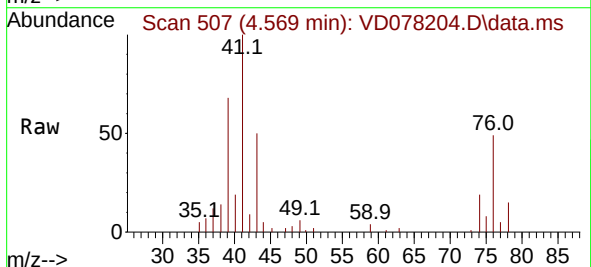
Tgt Ion: 41 Resp: 43623

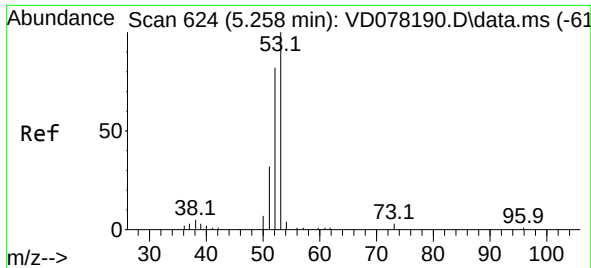
Ion Ratio Lower Upper

41 100

39 72.1 53.8 80.6

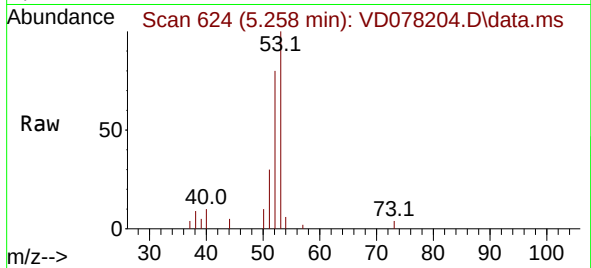
76 44.5 45.8 68.8#





#15
Acrylonitrile
Concen: 96.835 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

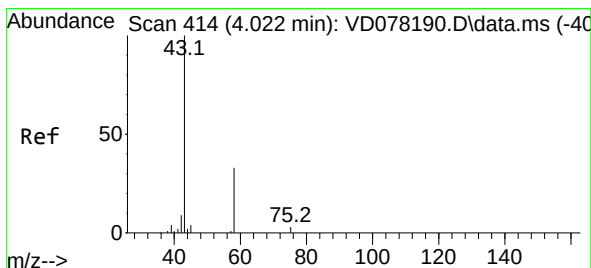
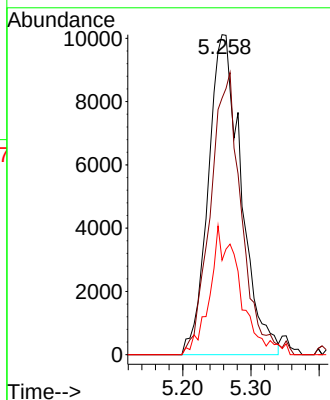
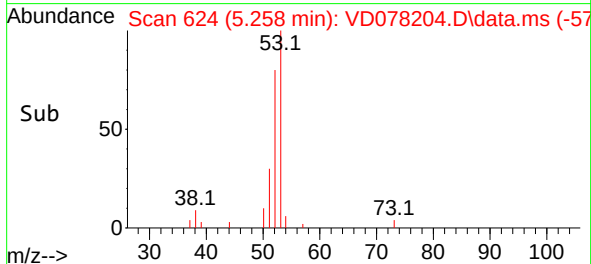
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion: 53 Resp: 34010
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 37.3 28.3 42.5

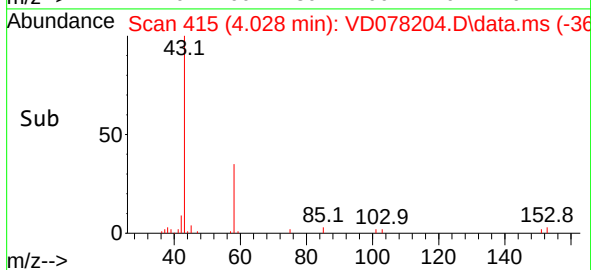
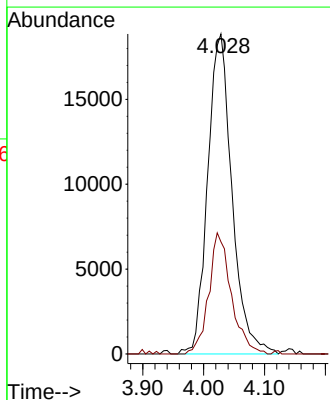
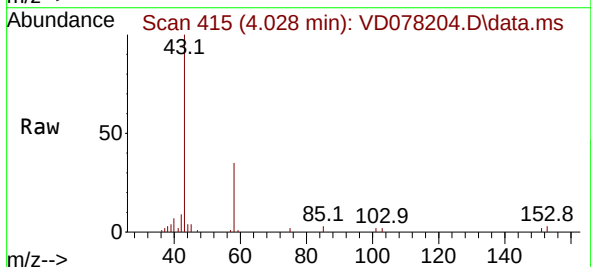
Manual Integrations
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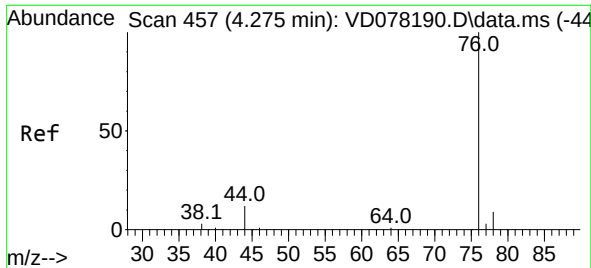
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#16
Acetone
Concen: 130.420 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion: 43 Resp: 52373
Ion Ratio Lower Upper
43 100
58 35.0 34.7 52.1





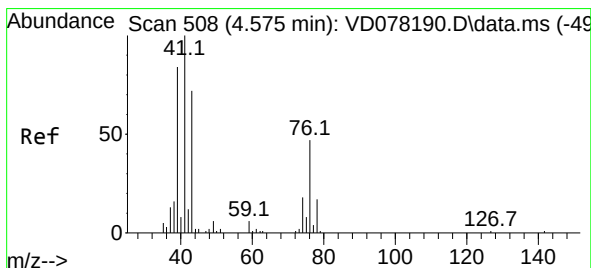
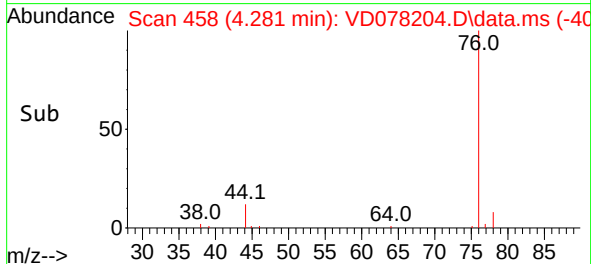
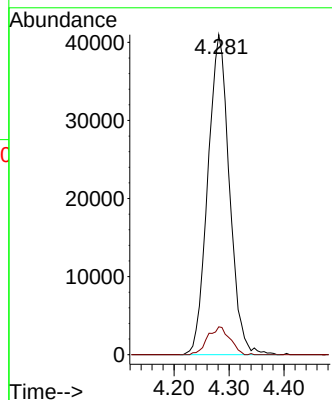
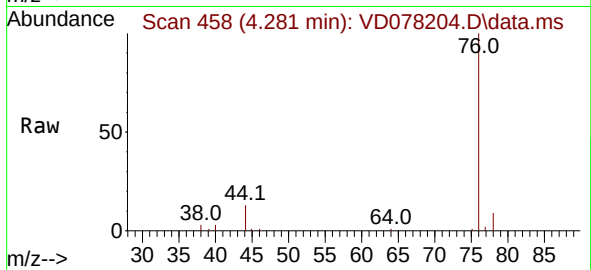
#17
Carbon Disulfide
Concen: 21.289 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion: 76 Resp: 111828
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

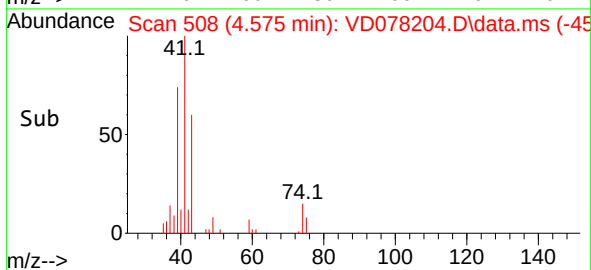
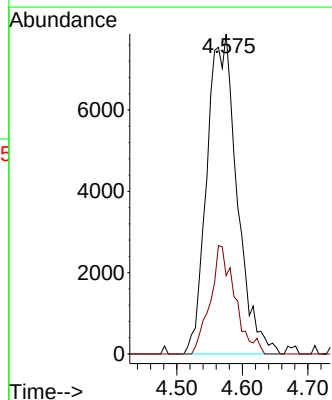
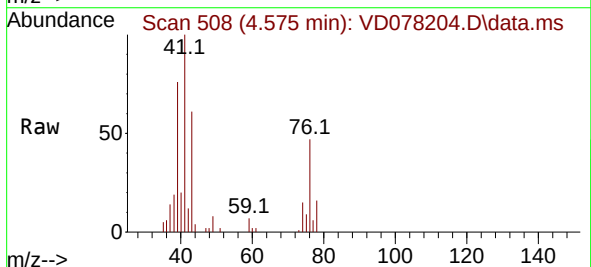
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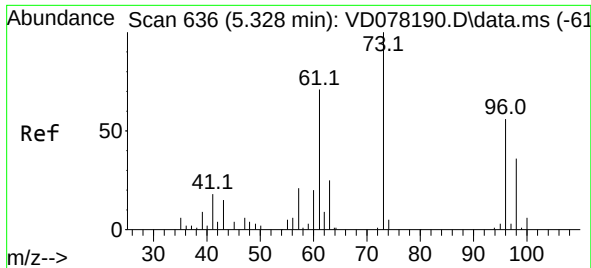
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#18
Methyl Acetate
Concen: 19.530 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion: 43 Resp: 25109
Ion Ratio Lower Upper
43 100
74 27.8 26.4 39.6





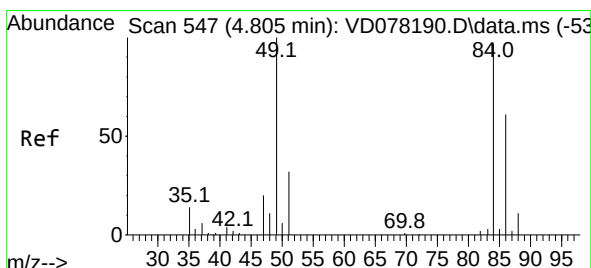
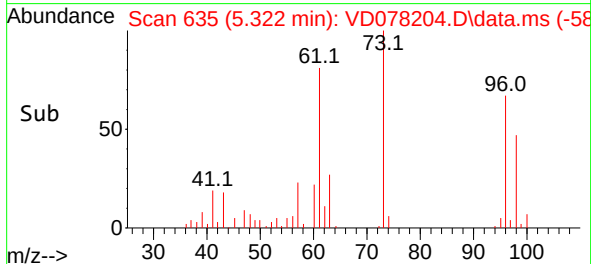
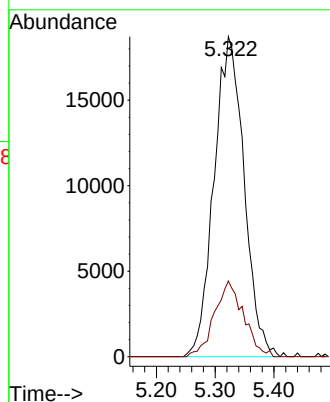
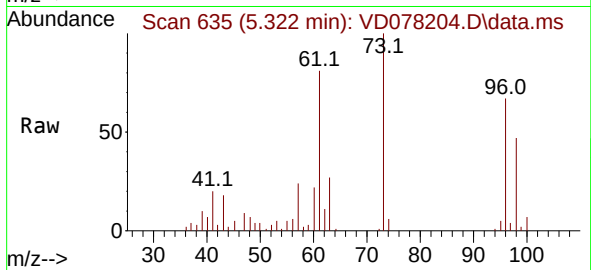
#19
Methyl tert-butyl Ether
Concen: 19.681 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion: 73 Resp: 6648
Ion Ratio Lower Upper
73 100
57 23.7 16.6 25.0

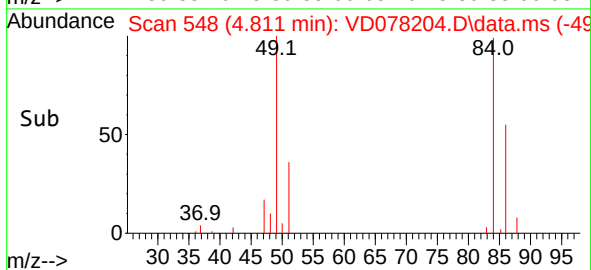
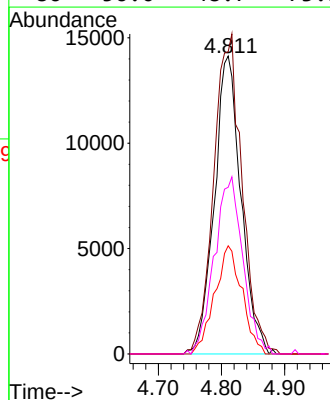
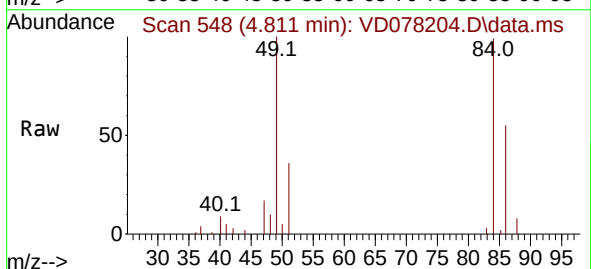
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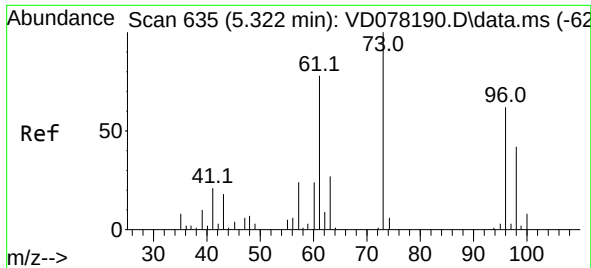
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#20
Methylene Chloride
Concen: 20.214 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion: 84 Resp: 41400
Ion Ratio Lower Upper
84 100
49 101.5 71.4 107.2
51 36.3 24.5 36.7
86 56.0 48.7 73.1





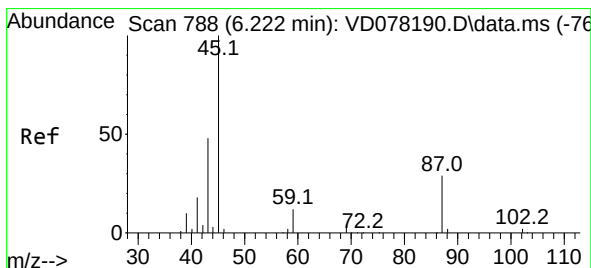
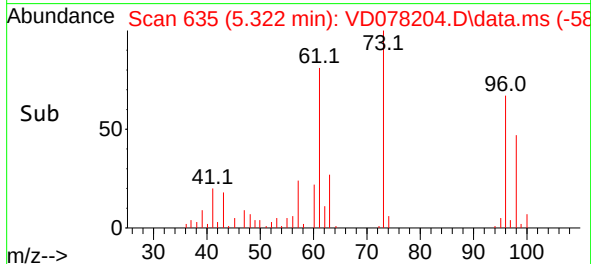
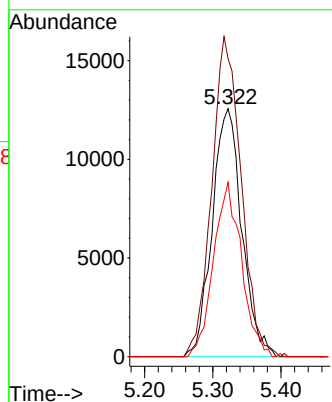
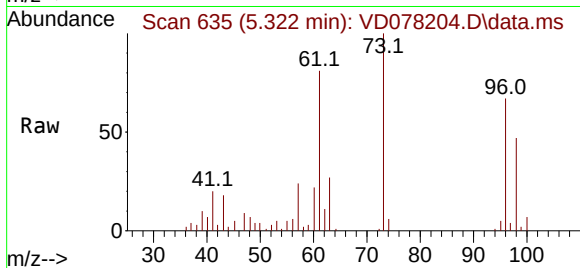
#21
trans-1,2-Dichloroethene
Concen: 20.249 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion: 96 Resp: 3790
Ion Ratio Lower Upper
96 100
61 120.2 89.3 133.9
98 70.3 48.6 73.0

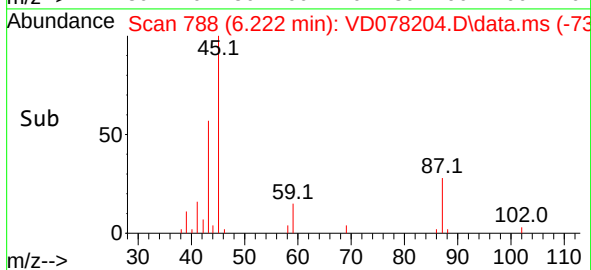
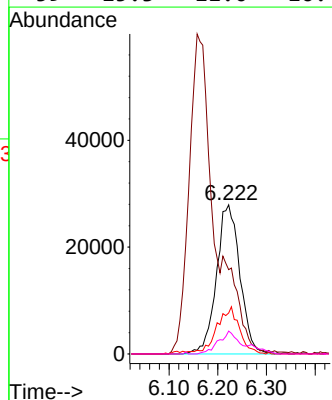
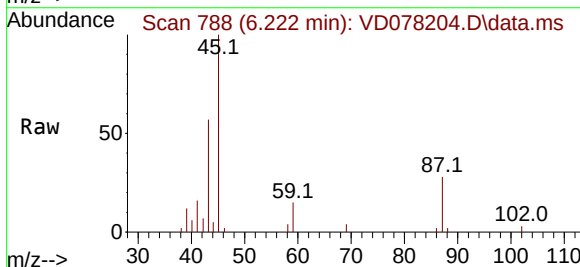
Manual Integrations
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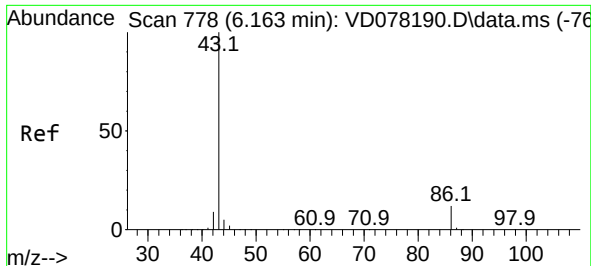
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#22
Diisopropyl ether
Concen: 20.677 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion: 45 Resp: 93491
Ion Ratio Lower Upper
45 100
43 55.3 40.0 60.0
87 27.5 28.2 42.4#
59 15.3 11.0 16.4





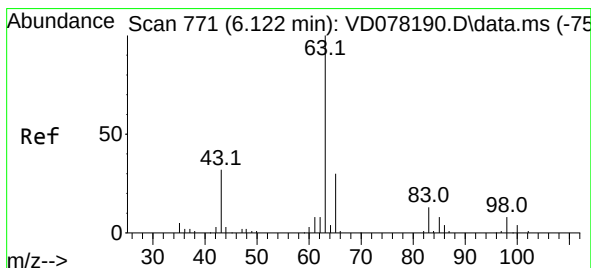
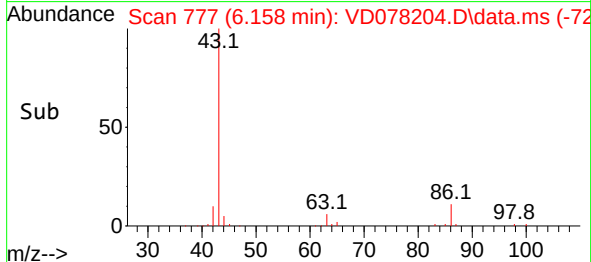
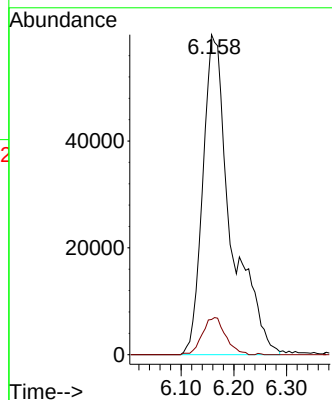
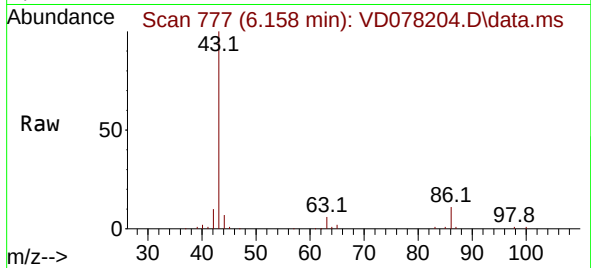
#23
 Vinyl Acetate
 Concen: 99.741 ug/l m
 RT: 6.158 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078204.D
 Acq: 23 Jan 2024 11:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBS01

Tgt Ion: 43 Resp: 222189
 Ion Ratio Lower Upper
 43 100
 86 11.0 12.5 18.7

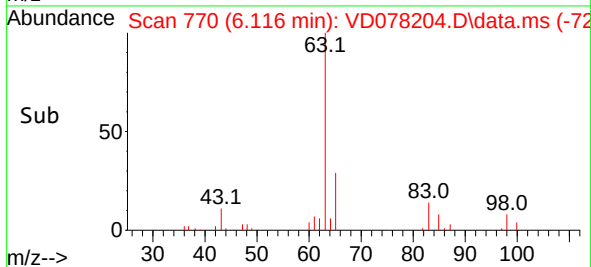
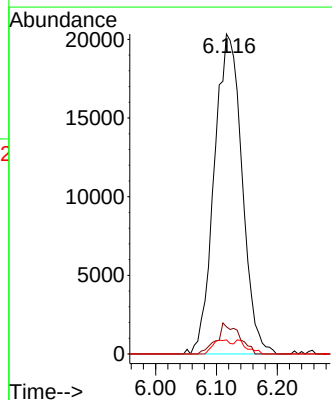
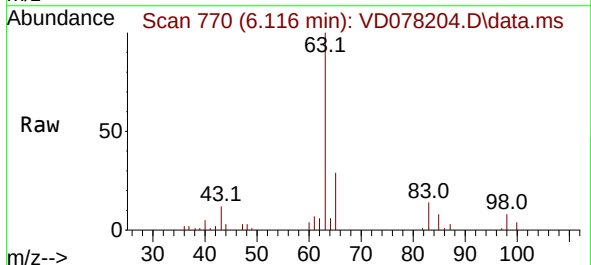
Manual Integrations
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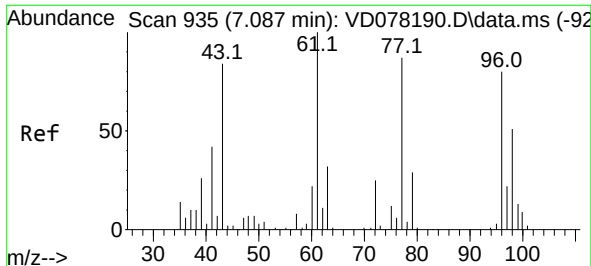
Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024



#24
 1,1-Dichloroethane
 Concen: 20.642 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078204.D
 Acq: 23 Jan 2024 11:52

Tgt Ion: 63 Resp: 64492
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 115.756 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

Tgt Ion: 43 Resp: 5710

Ion Ratio Lower Upper

43 100

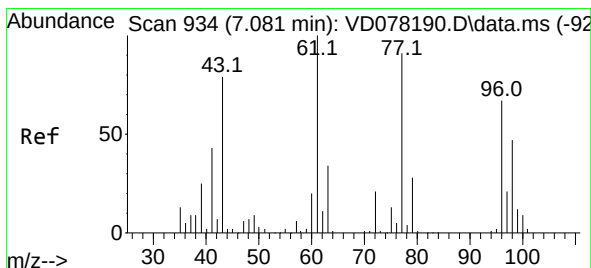
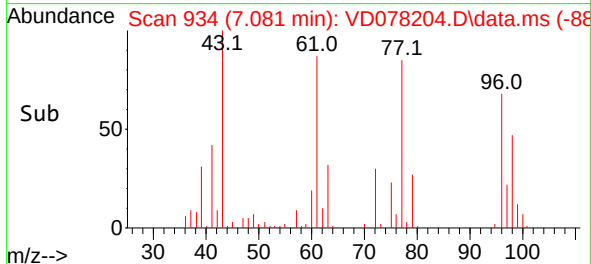
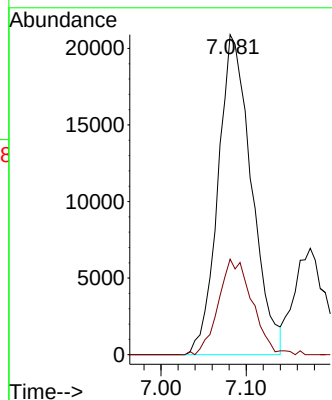
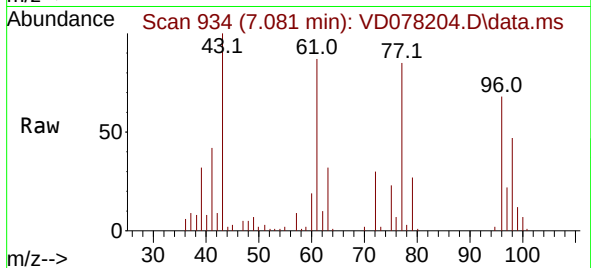
72 29.8 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#26

2,2-Dichloropropane

Concen: 20.519 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078204.D

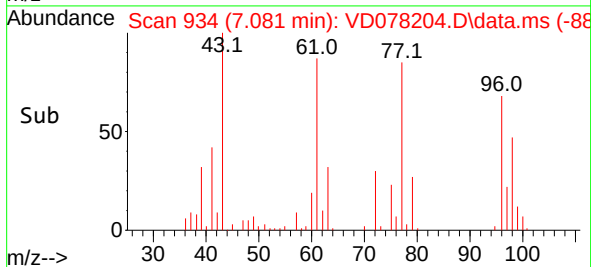
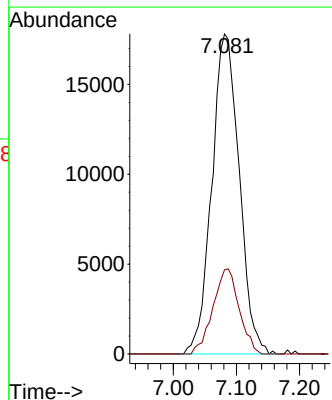
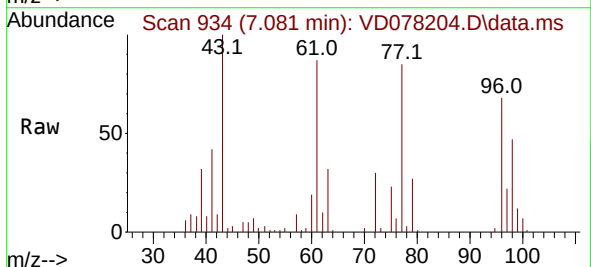
Acq: 23 Jan 2024 11:52

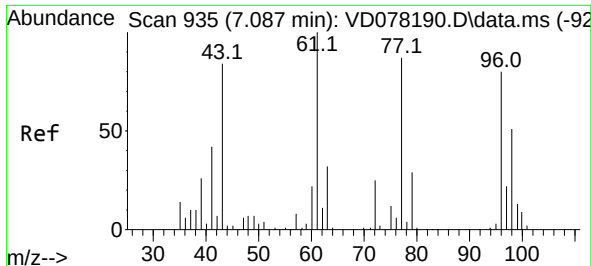
Tgt Ion: 77 Resp: 53704

Ion Ratio Lower Upper

77 100

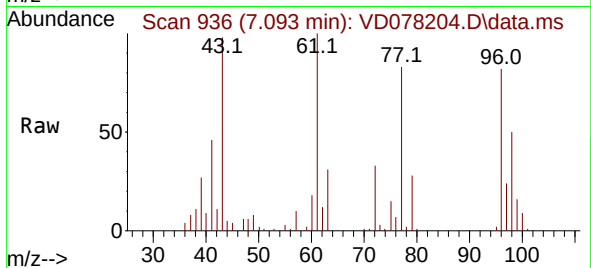
97 25.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.532 ug/l
 RT: 7.093 min Scan# 912
 Delta R.T. 0.006 min
 Lab File: VD078204.D
 Acq: 23 Jan 2024 11:52

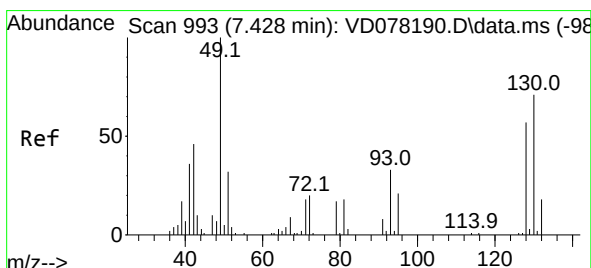
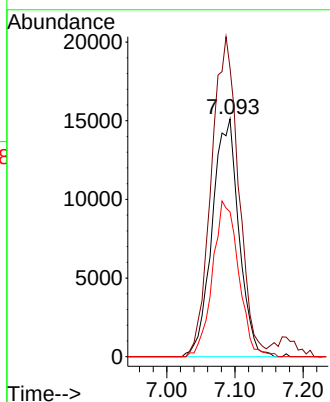
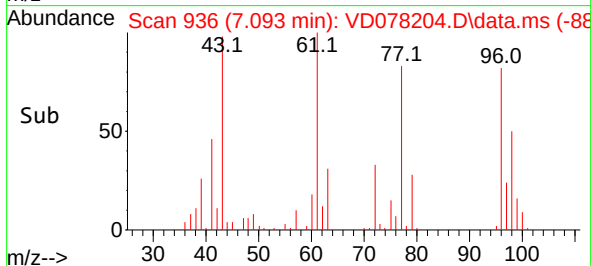
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBS01



Tgt Ion: 96 Resp: 41285
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 239.2
 98 63.8 0.0 128.6

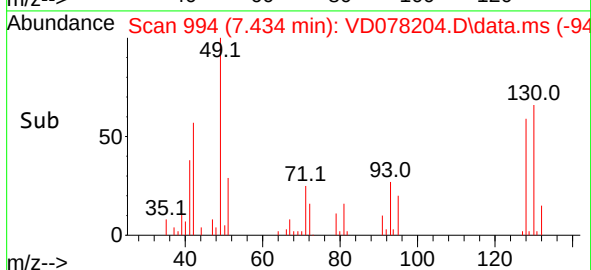
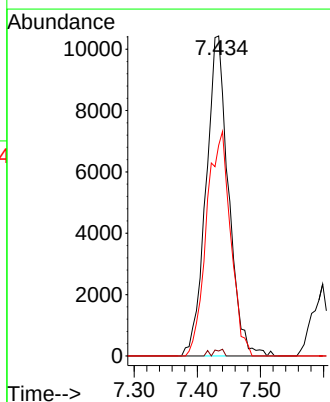
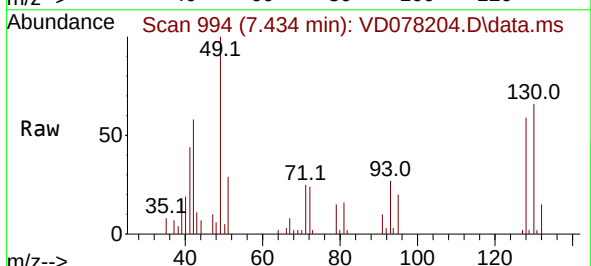
Manual Integrations
 APPROVED

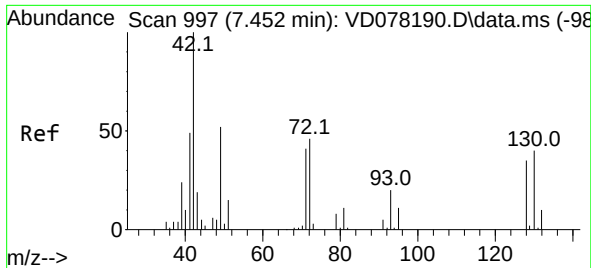
Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024



#28
 Bromochloromethane
 Concen: 21.198 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078204.D
 Acq: 23 Jan 2024 11:52

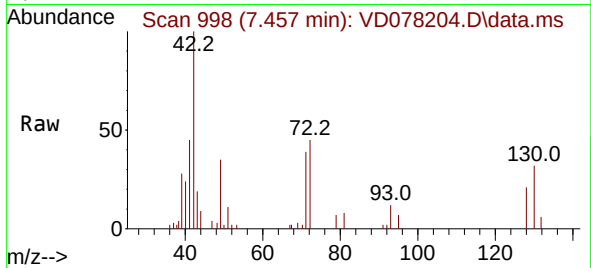
Tgt Ion: 49 Resp: 25831
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.0
 130 74.7 83.2 124.8#





#29
Tetrahydrofuran
Concen: 99.403 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

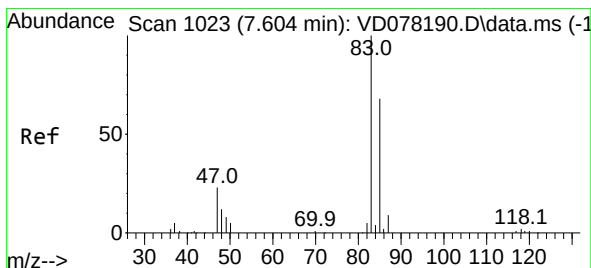
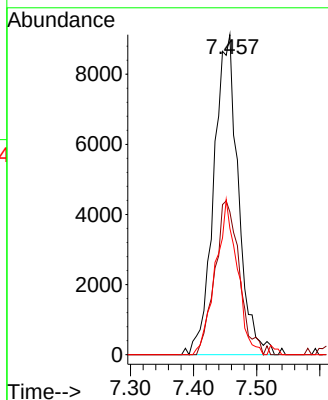
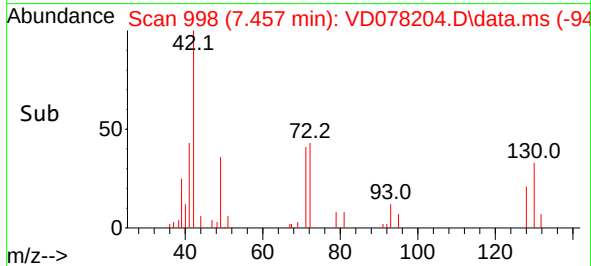
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



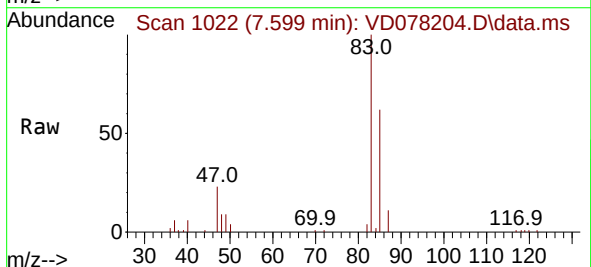
Tgt Ion: 42 Resp: 24500
Ion Ratio Lower Upper
42 100
72 48.5 46.5 69.7
71 43.6 44.5 66.7

Manual Integrations
APPROVED

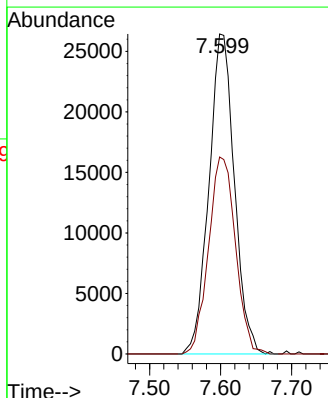
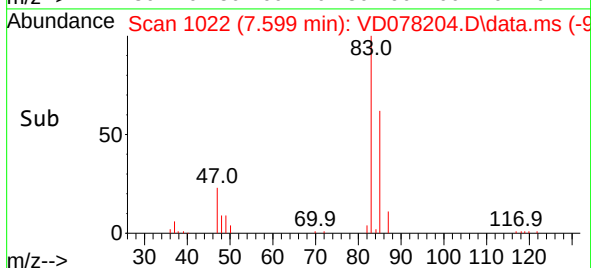
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

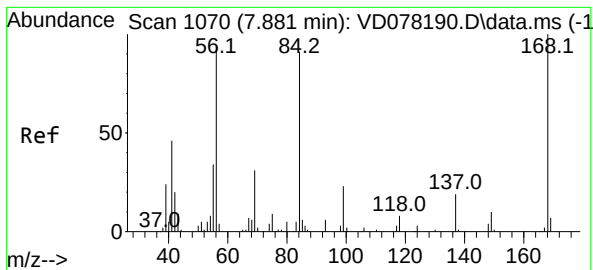


#30
Chloroform
Concen: 20.654 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion: 83 Resp: 65627
Ion Ratio Lower Upper
83 100
85 61.6 53.4 80.2





#31

Cyclohexane

Concen: 20.872 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

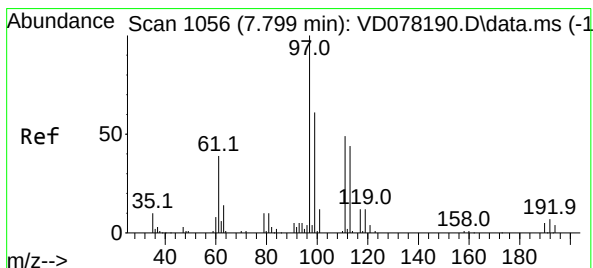
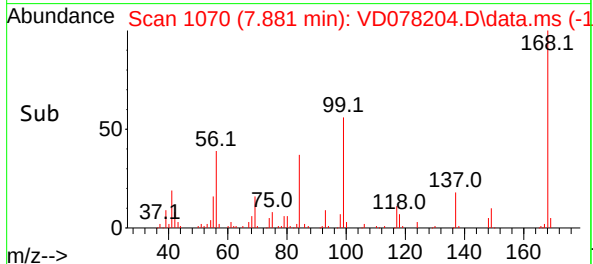
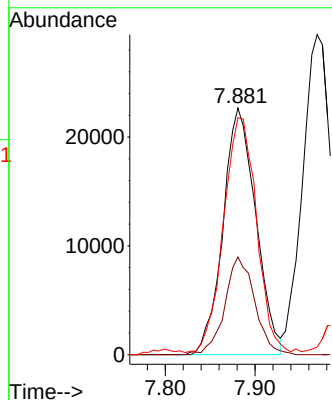
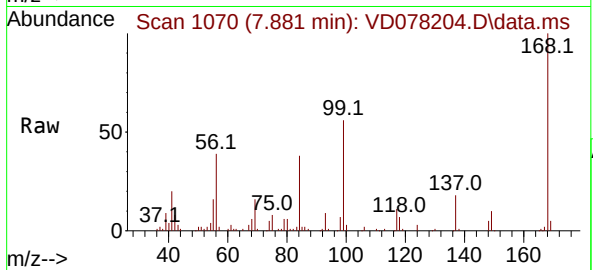
Tgt Ion: 56 Resp: 5766

Ion	Ratio	Lower	Upper
56	100		
69	39.6	28.6	43.0
84	94.6	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#32

1,1,1-Trichloroethane

Concen: 20.600 ug/l

RT: 7.799 min Scan# 1056

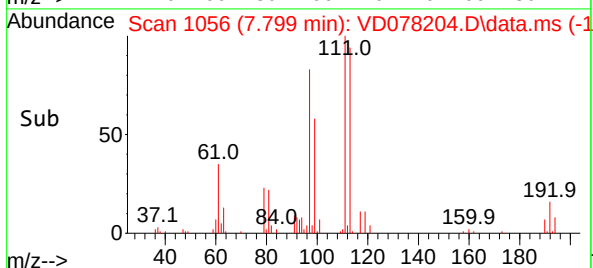
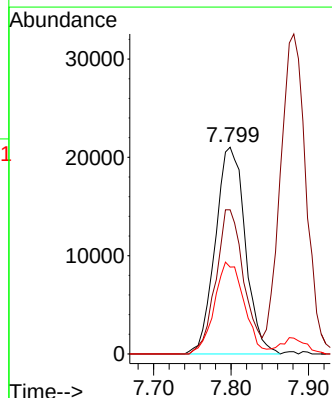
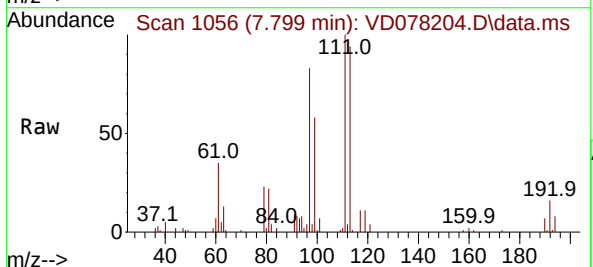
Delta R.T. 0.000 min

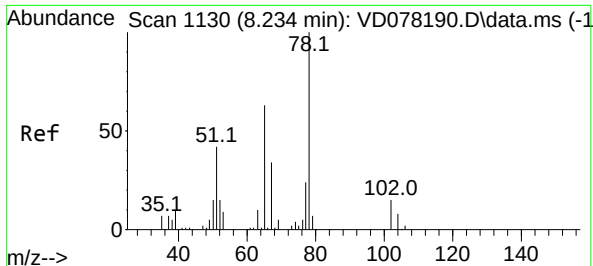
Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Tgt Ion: 97 Resp: 56541

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	44.0	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.340 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

Tgt Ion: 65 Resp: 75225

Ion Ratio Lower Upper

65 100

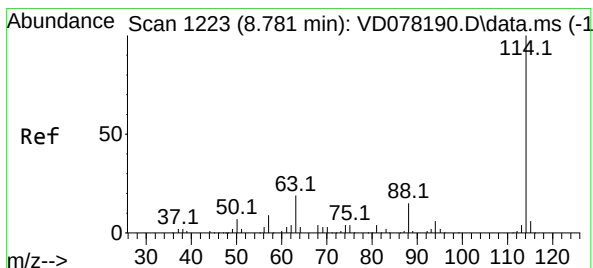
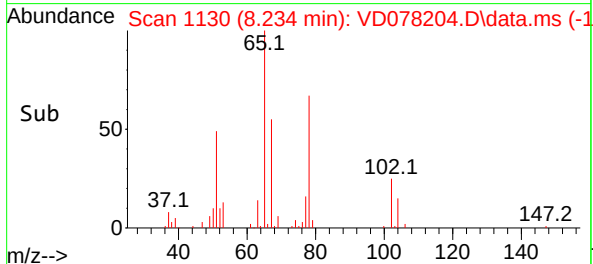
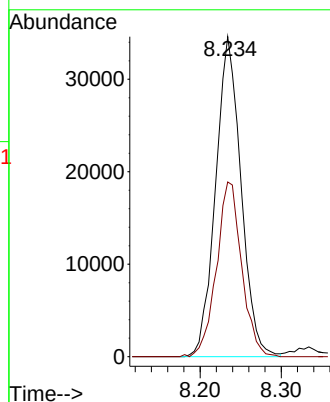
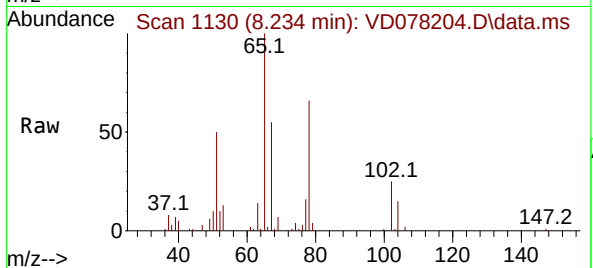
67 54.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

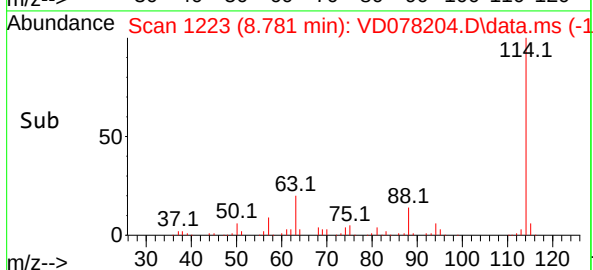
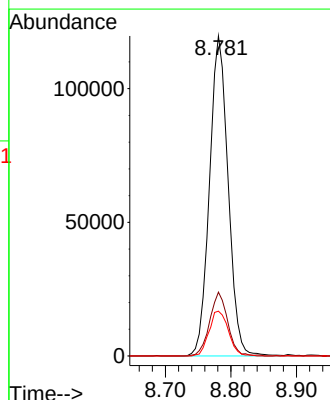
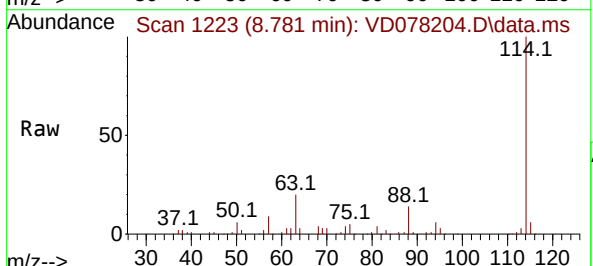
Tgt Ion:114 Resp: 236327

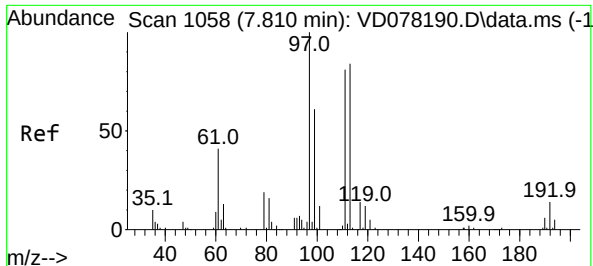
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.341 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

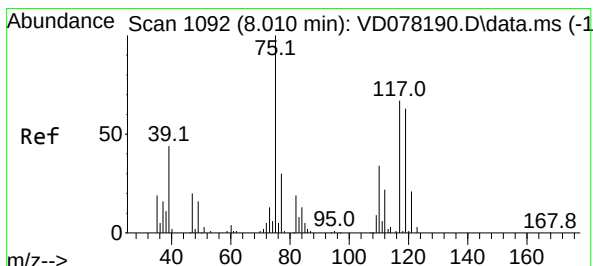
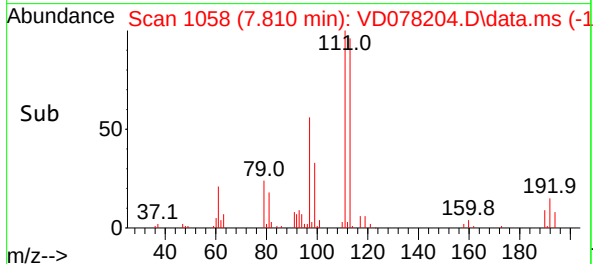
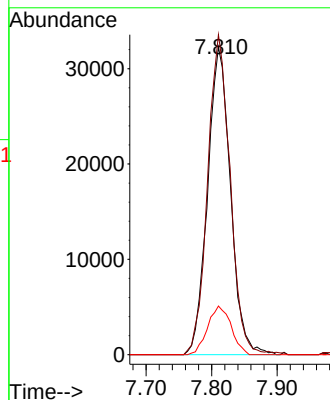
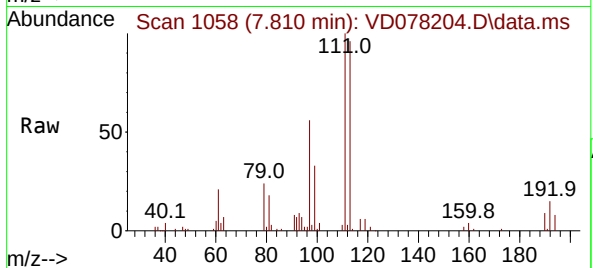
VD0123SBS01

Tgt Ion:	113	Resp:	78298
Ion Ratio	Lower	Upper	
113	100		
111	102.3	84.7	127.1
192	16.2	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#36

1,1-Dichloropropene

Concen: 20.112 ug/l

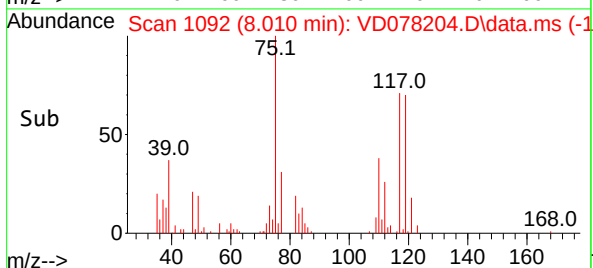
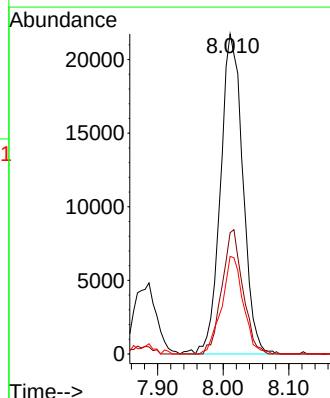
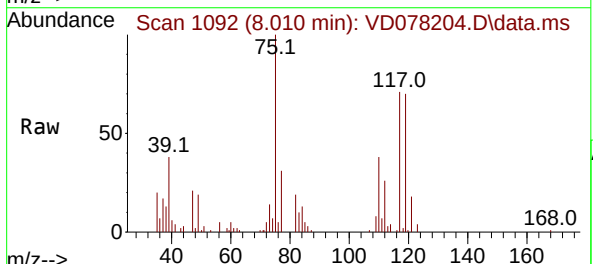
RT: 8.010 min Scan# 1092

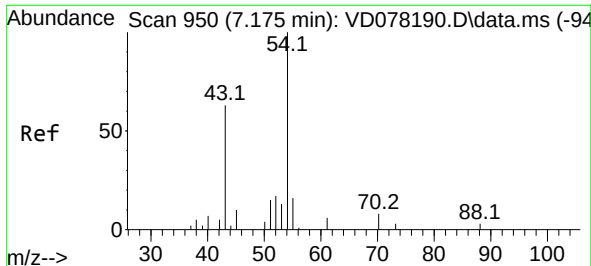
Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Tgt Ion:	75	Resp:	51441
Ion Ratio	Lower	Upper	
75	100		
110	36.4	19.9	59.6
77	29.4	24.7	37.1





#37

Ethyl Acetate

Concen: 19.939 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

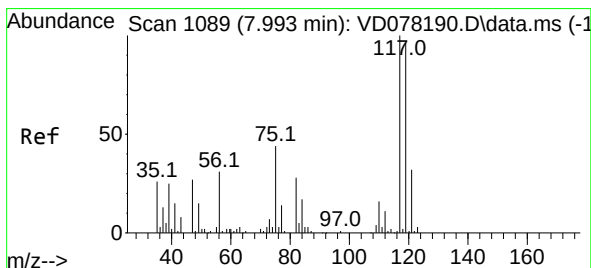
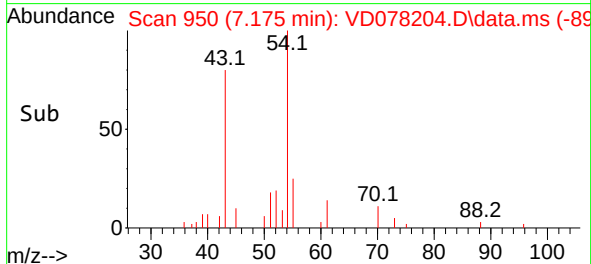
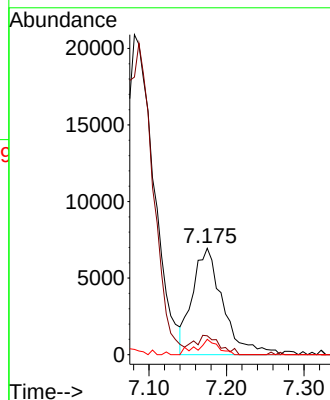
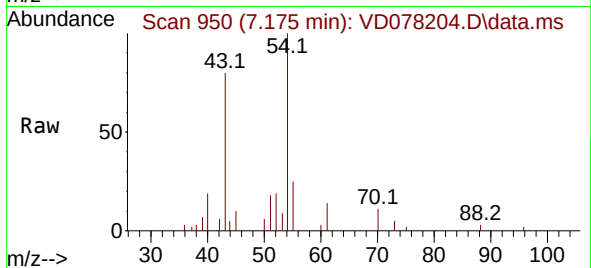
VD0123SBS01

Tgt Ion: 43	Resp: 1898
Ion Ratio	Lower Upper
43 100	
61 15.2	14.9 22.3
70 9.9	10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#38

Carbon Tetrachloride

Concen: 20.066 ug/l

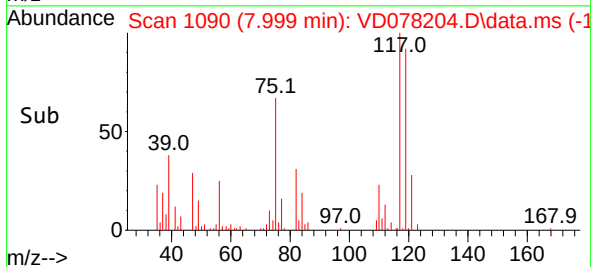
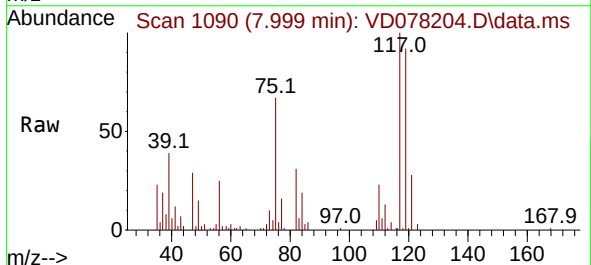
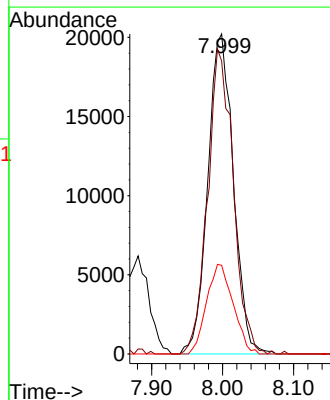
RT: 7.999 min Scan# 1090

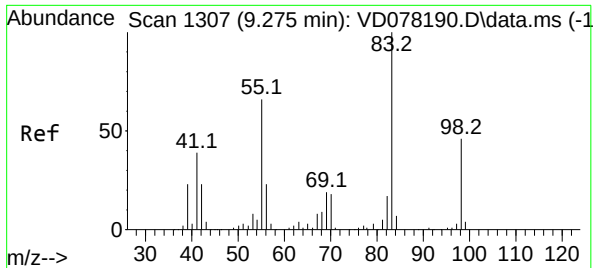
Delta R.T. 0.006 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

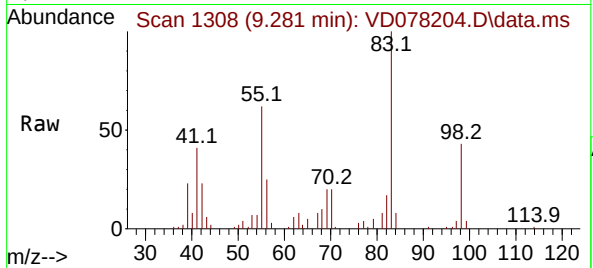
Tgt Ion:117	Resp: 50689
Ion Ratio	Lower Upper
117 100	
119 91.5	78.0 117.0
121 27.7	24.2 36.2





#39
Methylcyclohexane
Concen: 20.249 ug/l
RT: 9.281 min Scan# 11308
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

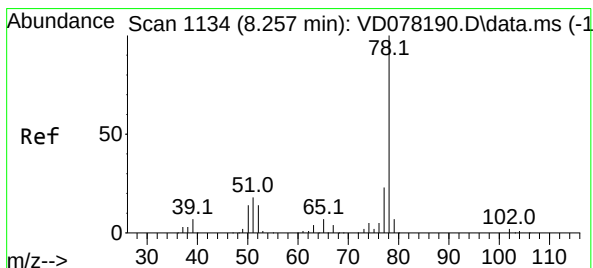
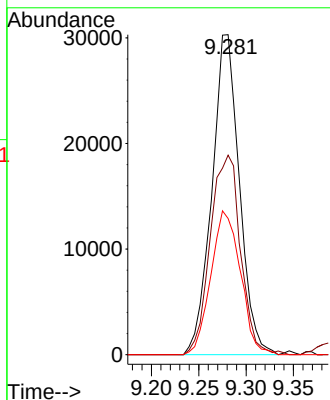
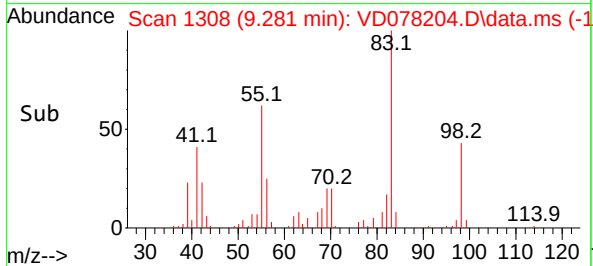
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion: 83 Resp: 61250
Ion Ratio Lower Upper
83 100
55 62.4 49.4 74.0
98 42.5 38.4 57.6

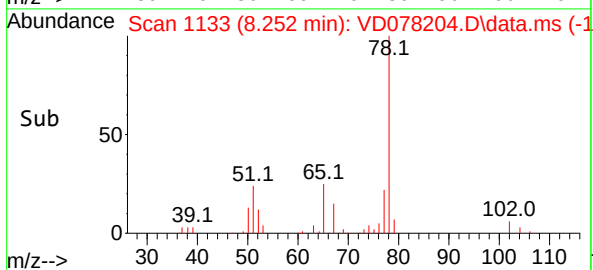
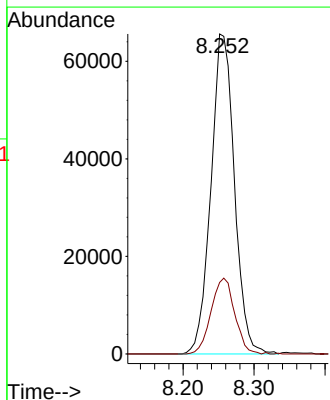
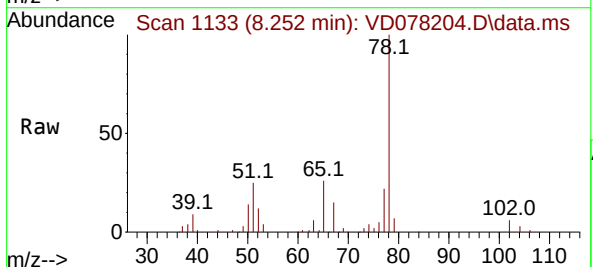
Manual Integrations
APPROVED

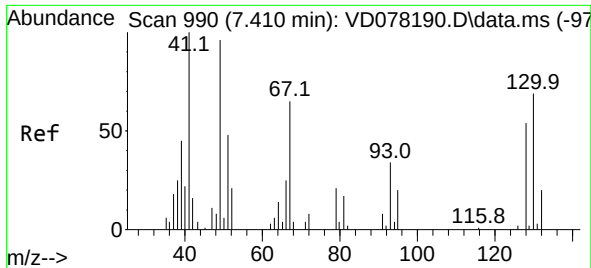
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#40
Benzene
Concen: 20.716 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

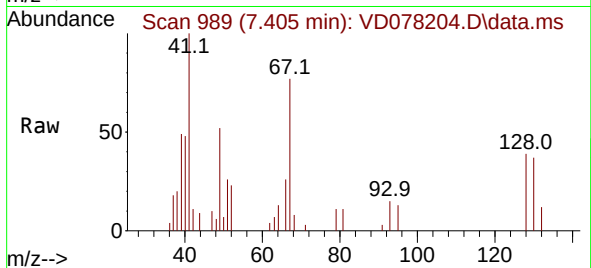
Tgt Ion: 78 Resp: 150365
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0





#41
Methacrylonitrile
Concen: 22.665 ug/l
RT: 7.405 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

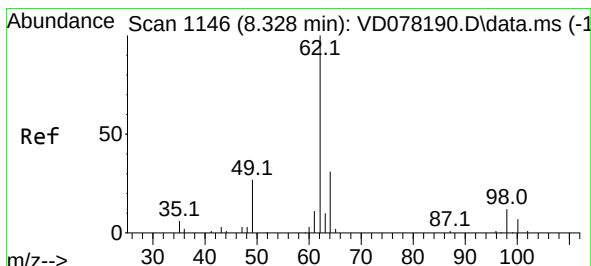
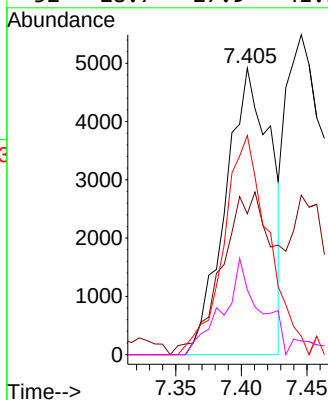
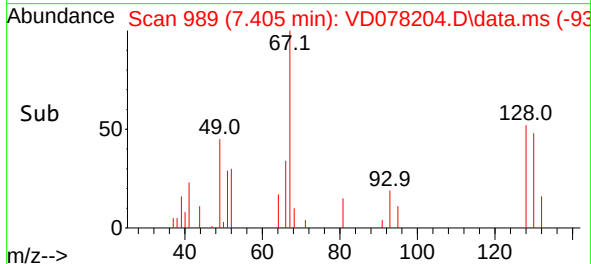
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion: 41 Resp: 11850
Ion Ratio Lower Upper
41 100
39 66.8 34.0 51.0
67 75.8 77.0 115.4
52 28.7 27.9 41.9

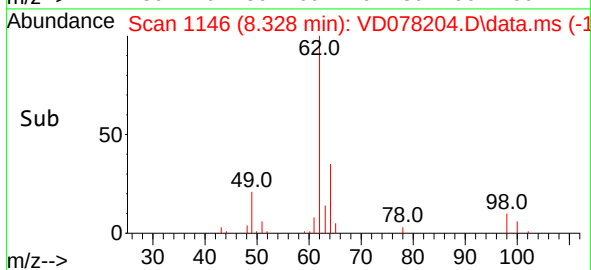
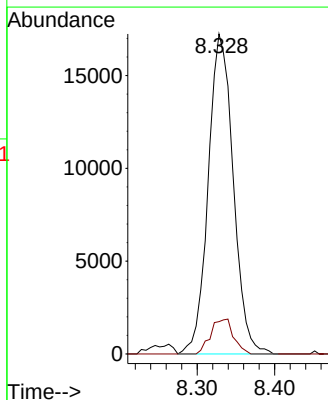
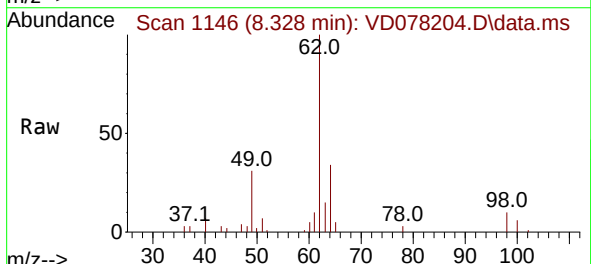
Manual Integrations
APPROVED

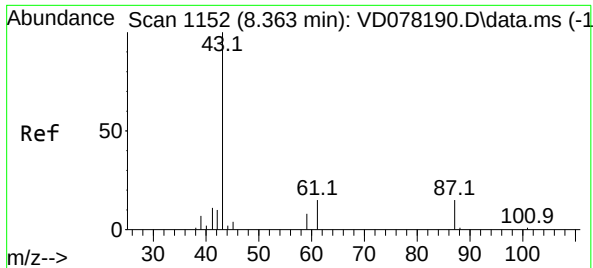
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#42
1,2-Dichloroethane
Concen: 20.543 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

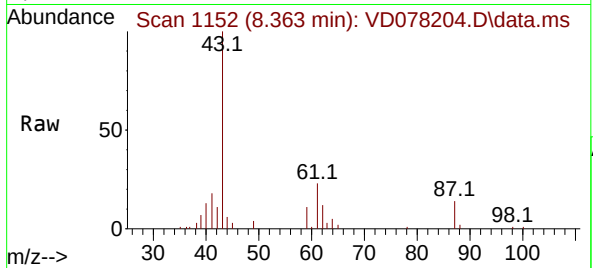
Tgt Ion: 62 Resp: 38796
Ion Ratio Lower Upper
62 100
98 9.9 0.0 25.4





#43
Isopropyl Acetate
Concen: 18.280 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

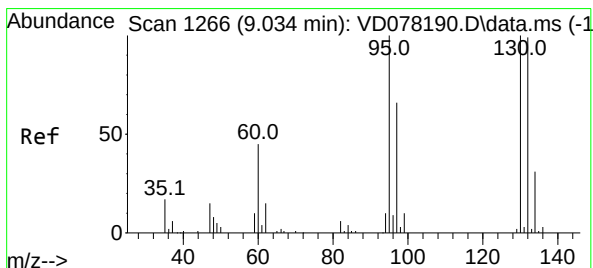
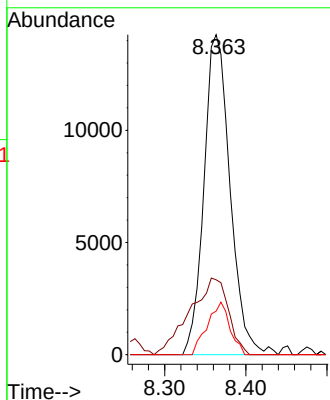
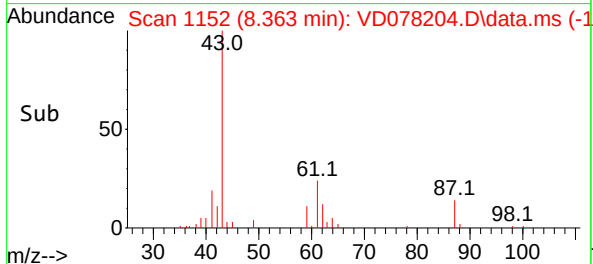
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
61 35.2 31.4 47.0
87 14.1 14.9 22.3

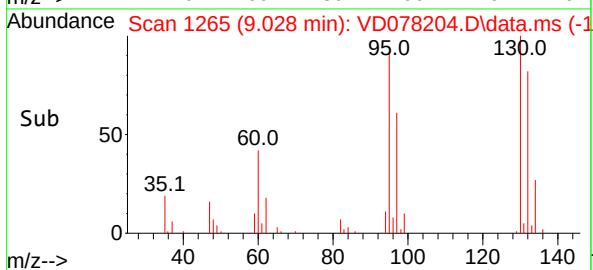
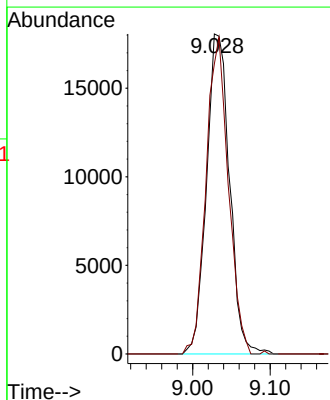
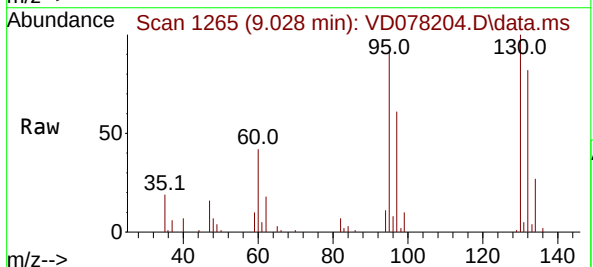
Manual Integrations
APPROVED

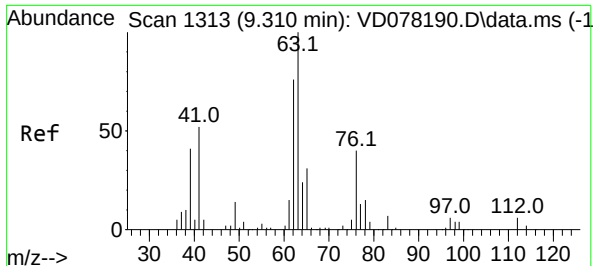
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#44
Trichloroethene
Concen: 20.116 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion:130 Resp: 37353
Ion Ratio Lower Upper
130 100
95 90.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.642 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

Tgt Ion: 63 Resp: 3537

Ion Ratio Lower Upper

63 100

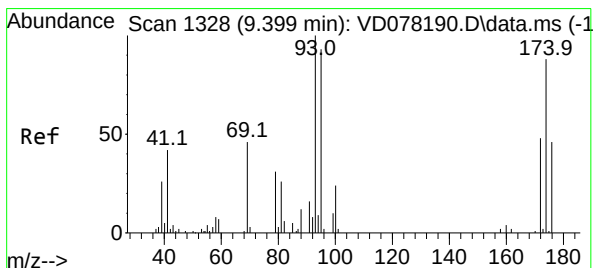
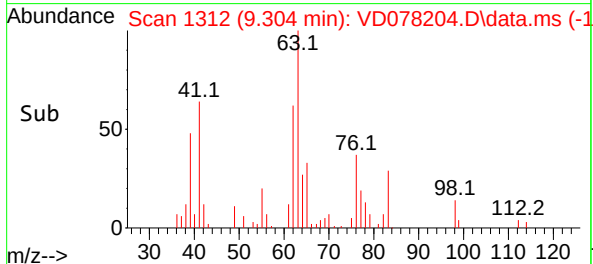
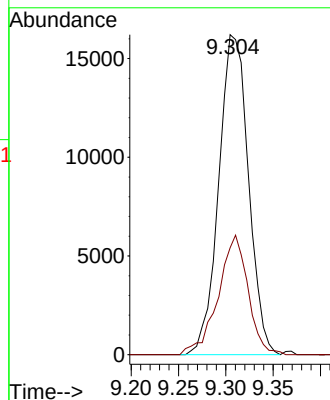
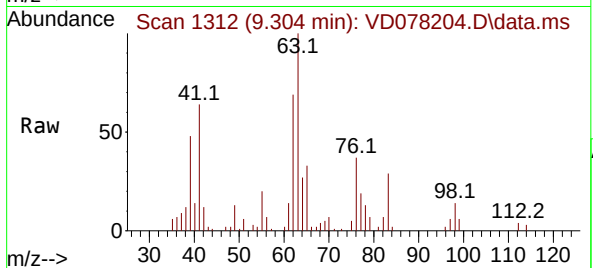
65 33.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#46

Dibromomethane

Concen: 20.198 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

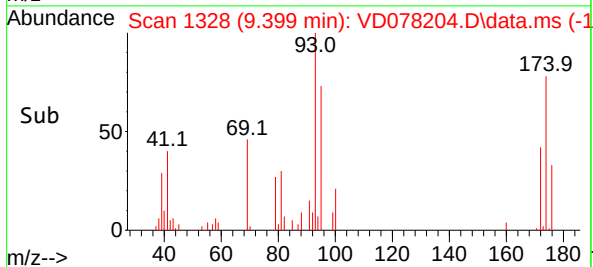
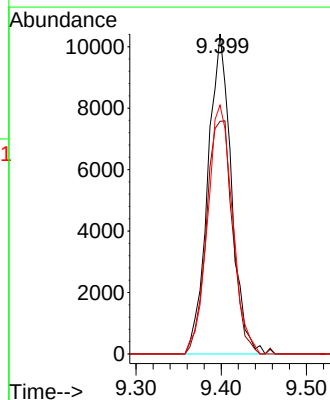
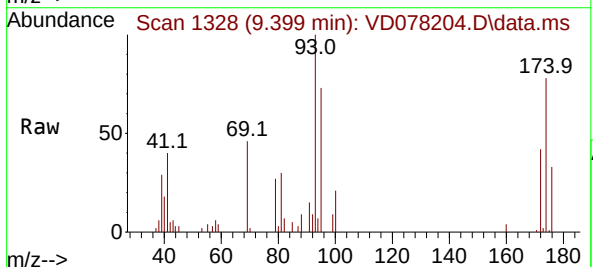
Tgt Ion: 93 Resp: 19978

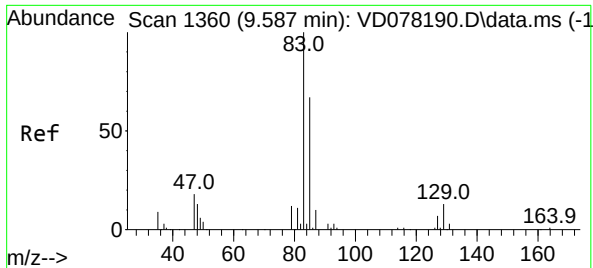
Ion Ratio Lower Upper

93 100

95 80.9 67.7 101.5

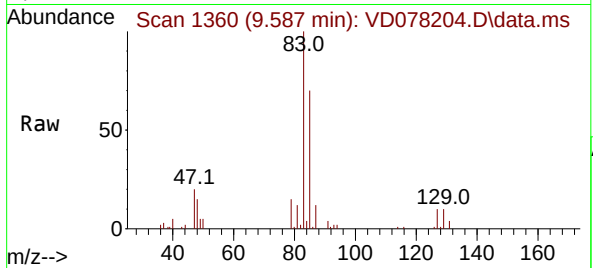
174 82.9 85.4 128.2#





#47
Bromodichloromethane
Concen: 19.440 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

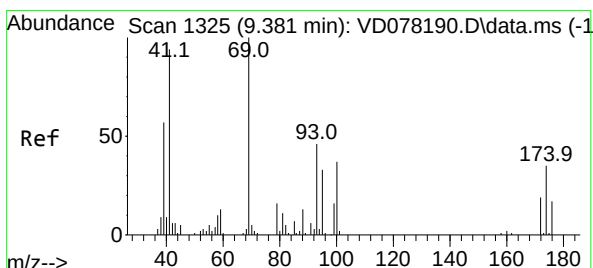
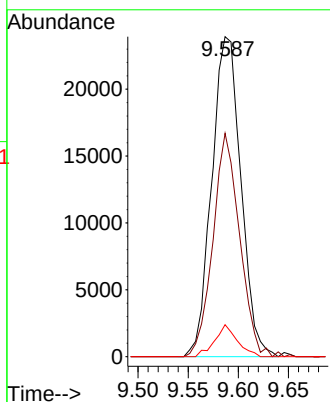
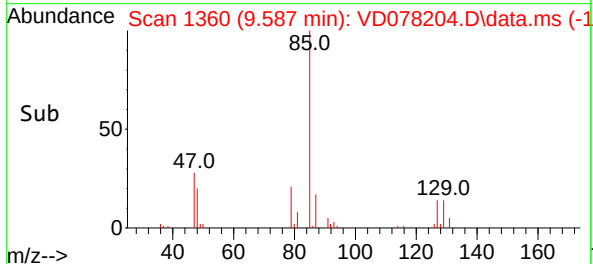
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



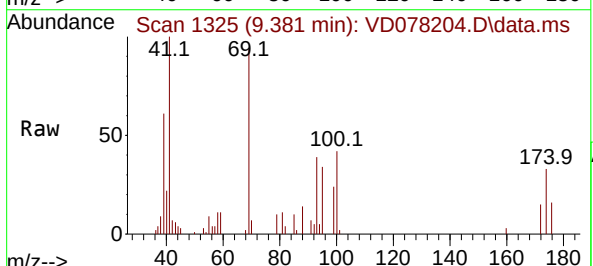
Tgt Ion: 83 Resp: 48300
Ion Ratio Lower Upper
83 100
85 69.8 50.2 75.4
127 10.0 6.3 9.5

Manual Integrations
APPROVED

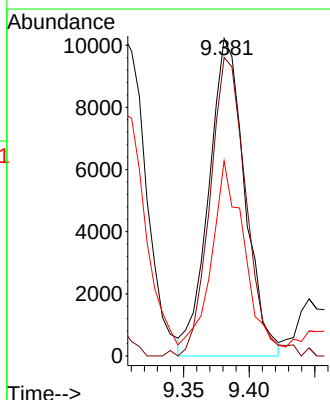
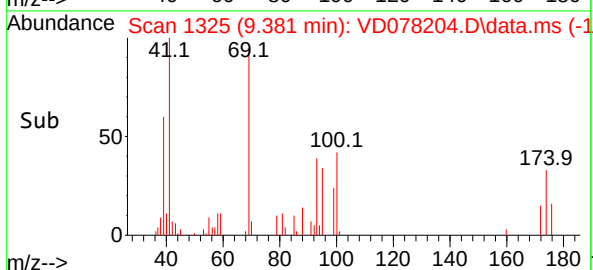
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

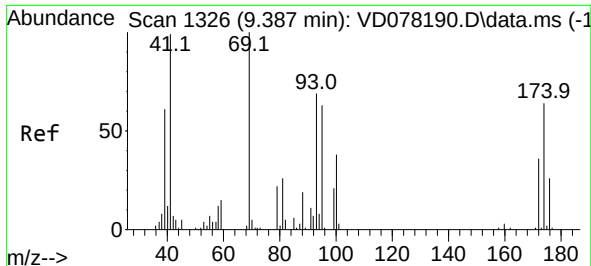


#48
Methyl methacrylate
Concen: 19.333 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



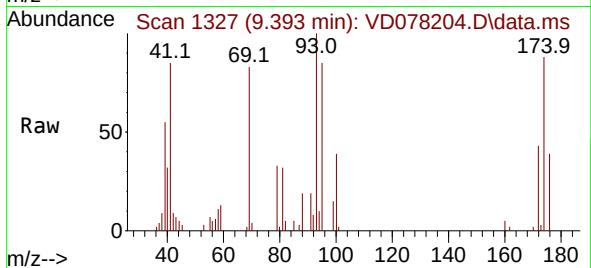
Tgt Ion: 41 Resp: 19525
Ion Ratio Lower Upper
41 100
69 94.7 102.2 153.2#
39 57.8 41.4 62.2





#49
1,4-Dioxane
Concen: 350.658 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

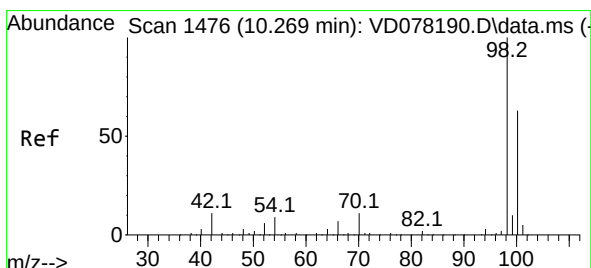
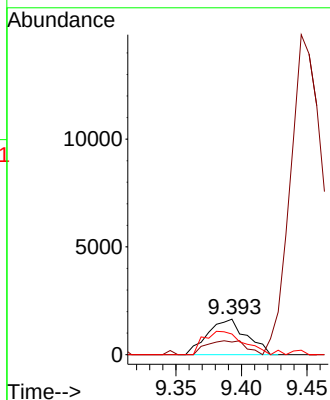
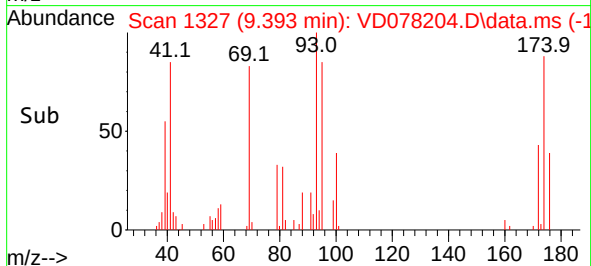
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion: 88 Resp: 3350
Ion Ratio Lower Upper
88 100
43 40.2 19.0 28.6
58 67.4 43.5 65.3

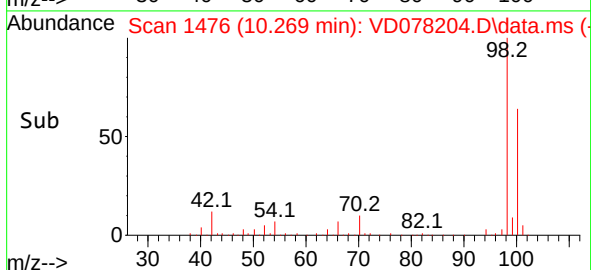
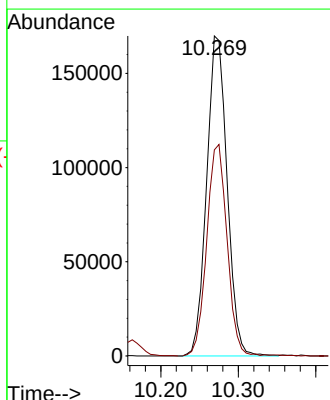
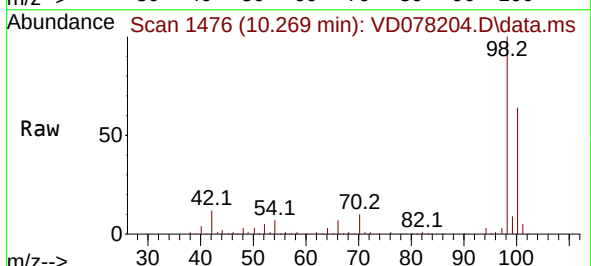
Manual Integrations
APPROVED

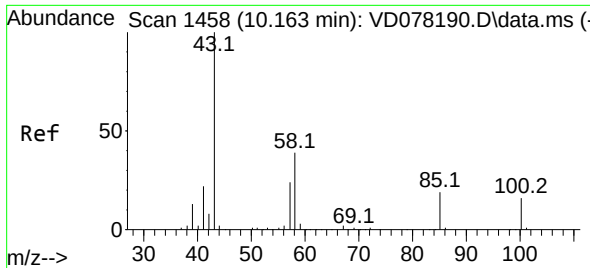
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#50
Toluene-d8
Concen: 50.665 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion: 98 Resp: 312028
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5





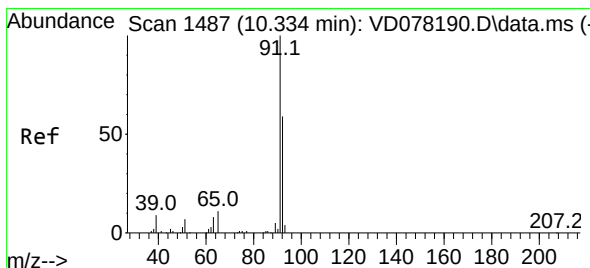
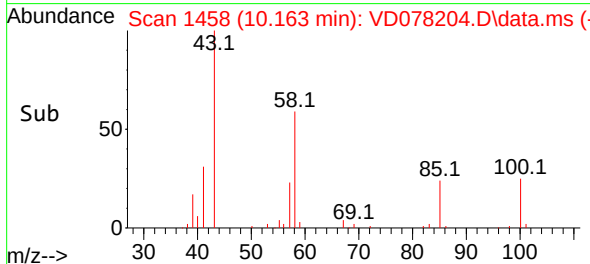
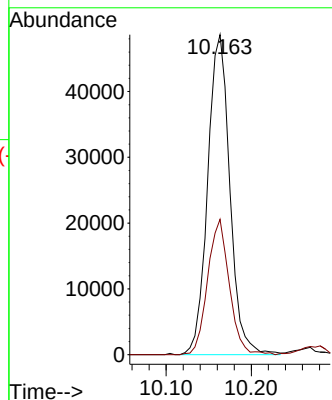
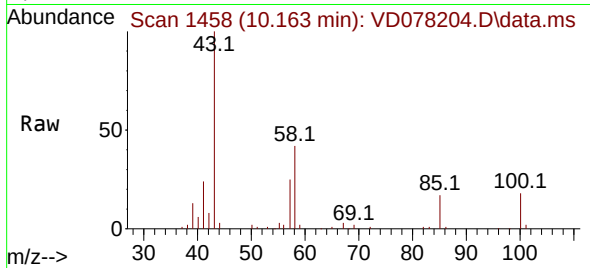
#51
4-Methyl-2-Pentanone
Concen: 95.897 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion: 43 Resp: 8790
Ion Ratio Lower Upper
43 100
58 41.4 38.9 58.3

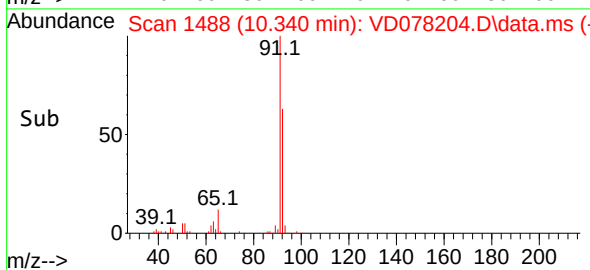
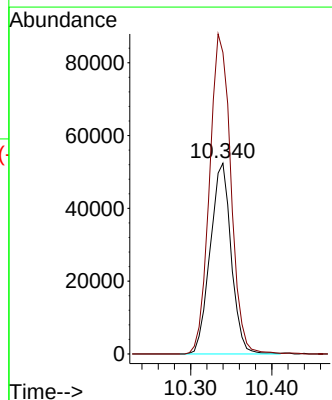
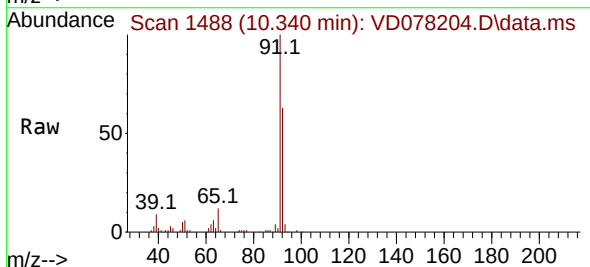
Manual Integrations
APPROVED

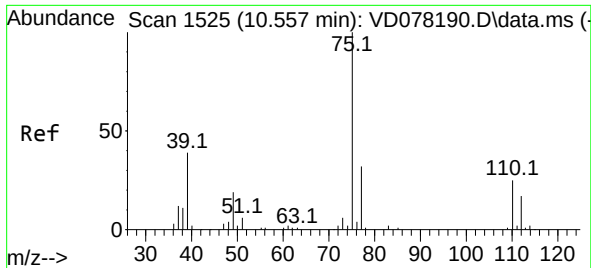
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#52
Toluene
Concen: 20.422 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

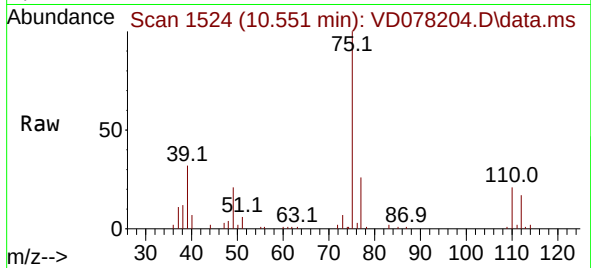
Tgt Ion: 92 Resp: 93957
Ion Ratio Lower Upper
92 100
91 170.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 19.875 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

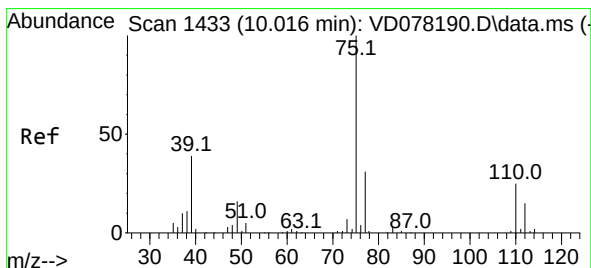
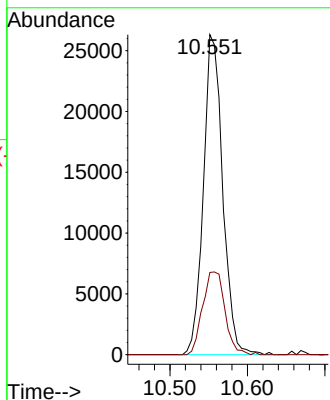
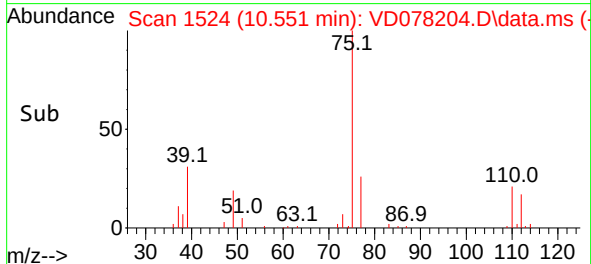
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion: 75 Resp: 45558
Ion Ratio Lower Upper
75 100
77 25.7 25.3 37.9

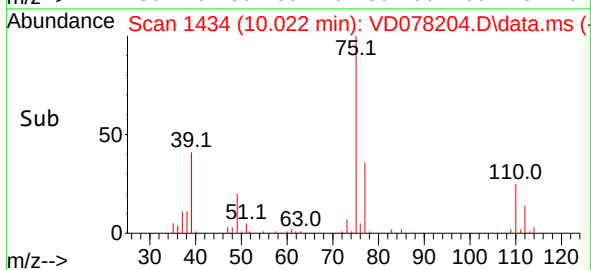
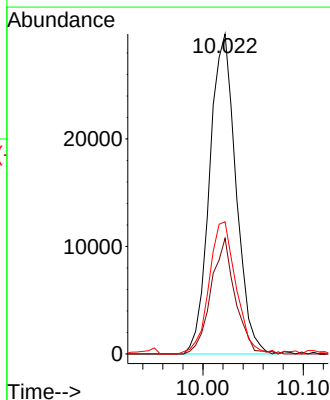
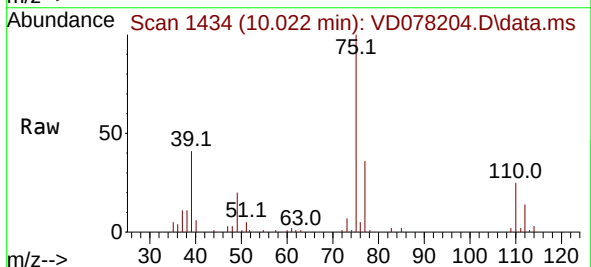
Manual Integrations
APPROVED

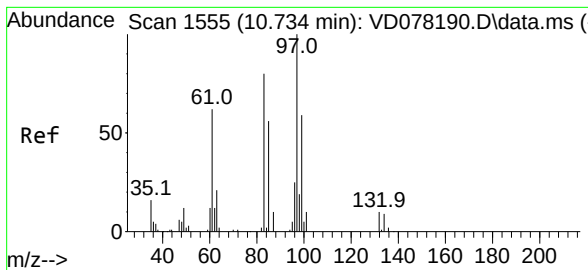
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#54
cis-1,3-Dichloropropene
Concen: 19.732 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

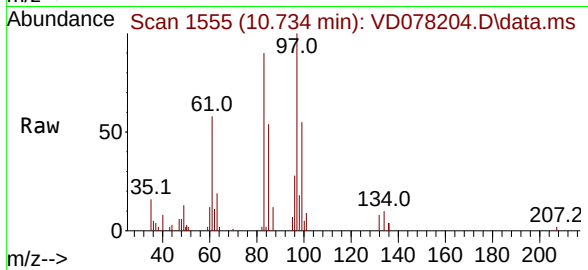
Tgt Ion: 75 Resp: 54222
Ion Ratio Lower Upper
75 100
77 36.2 25.5 38.3
39 41.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.127 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

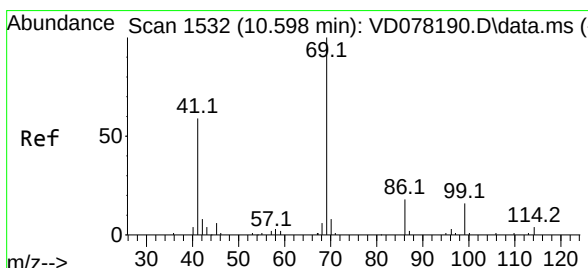
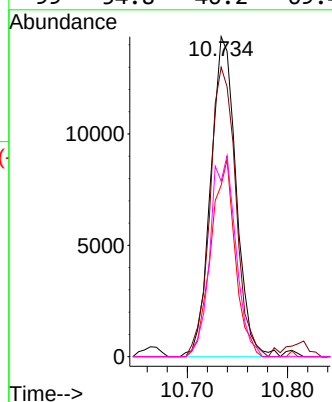
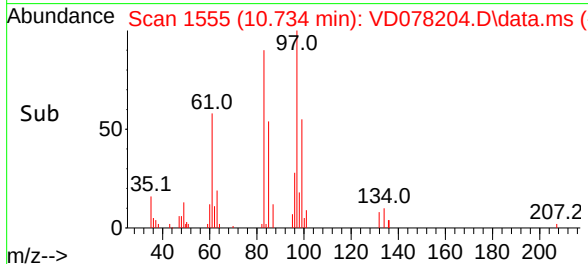
Instrument : MSVOA_D
ClientSampleId : VD0123SBS01



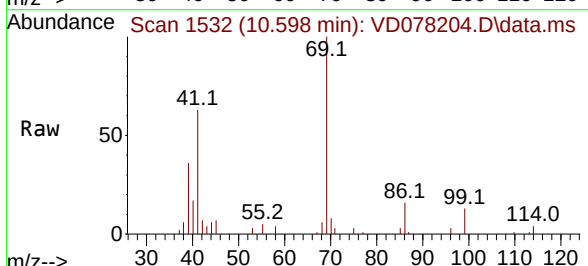
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.5	65.8	98.6
85	53.5	45.7	68.5
99	54.8	46.2	69.4

Manual Integrations
APPROVED

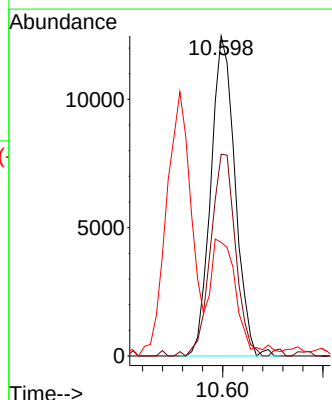
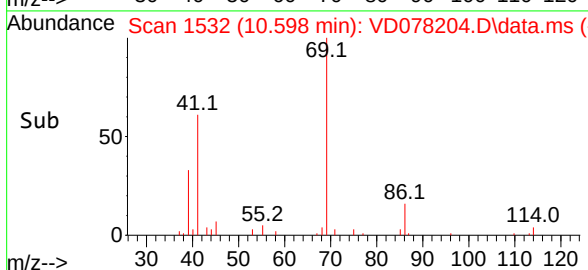
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

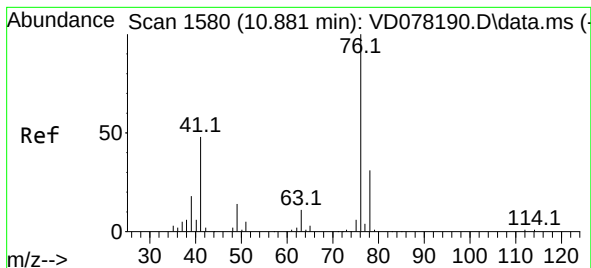


#56
Ethyl methacrylate
Concen: 19.294 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.0	39.1	58.7#
39	34.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.421 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

Tgt Ion: 76 Resp: 4395

Ion Ratio Lower Upper

76 100

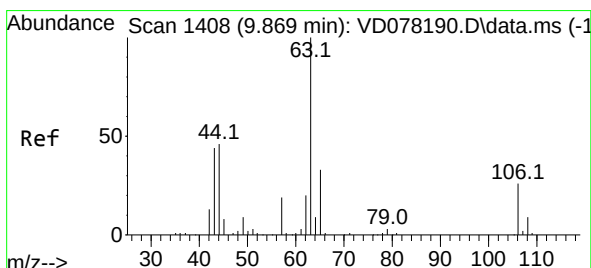
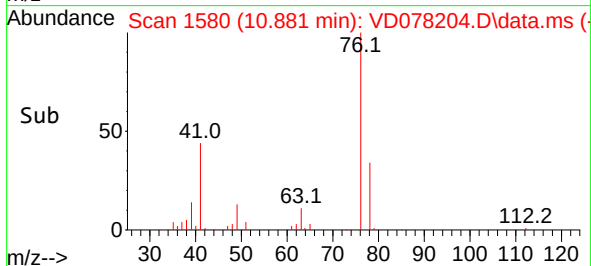
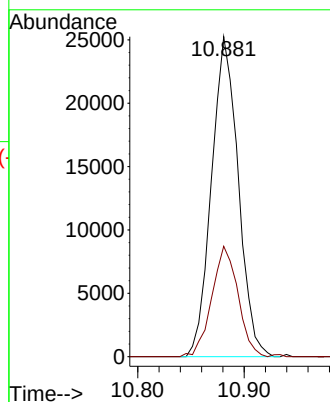
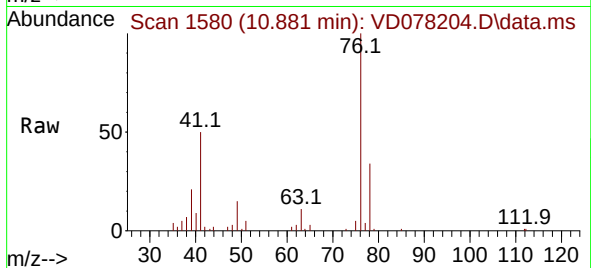
78 33.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#58

2-Chloroethyl Vinyl ether

Concen: 95.002 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078204.D

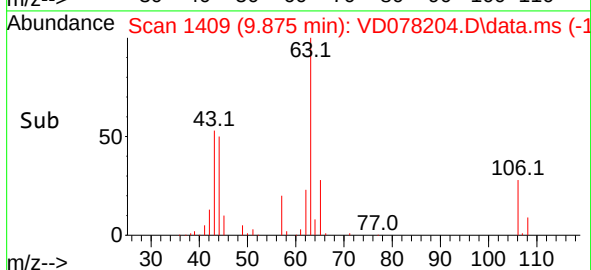
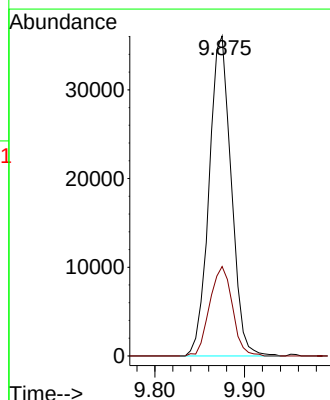
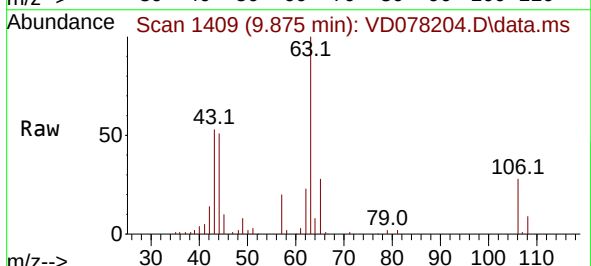
Acq: 23 Jan 2024 11:52

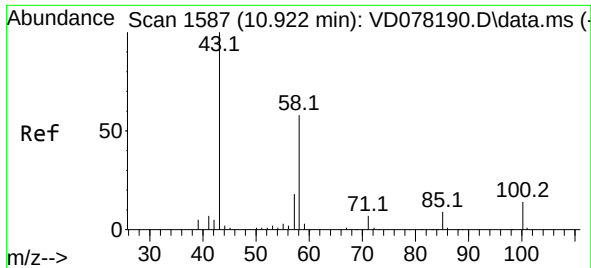
Tgt Ion: 63 Resp: 61681

Ion Ratio Lower Upper

63 100

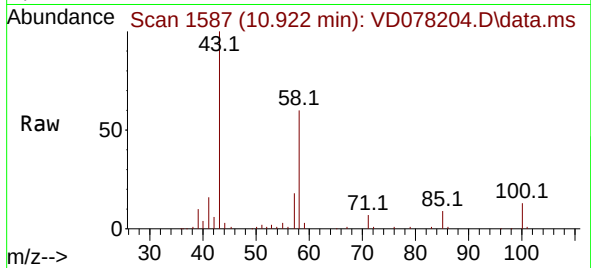
106 28.7 25.3 37.9





#59
2-Hexanone
Concen: 109.330 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

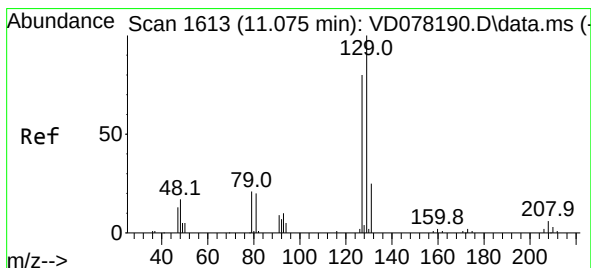
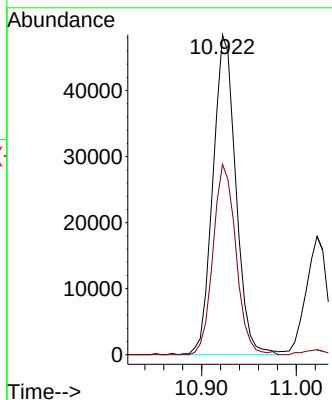
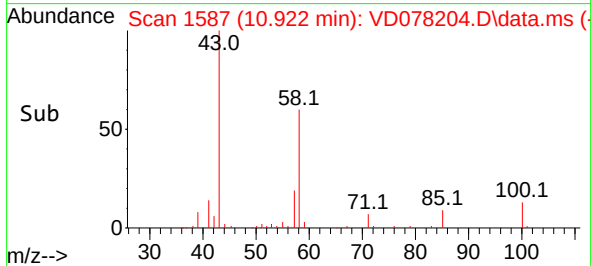
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion: 43 Resp: 8144
Ion Ratio Lower Upper
43 100
58 59.4 34.1 102.2

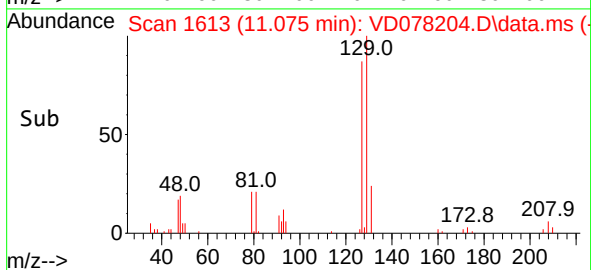
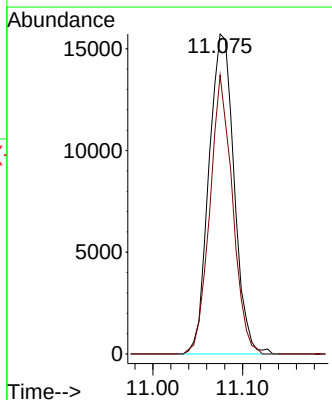
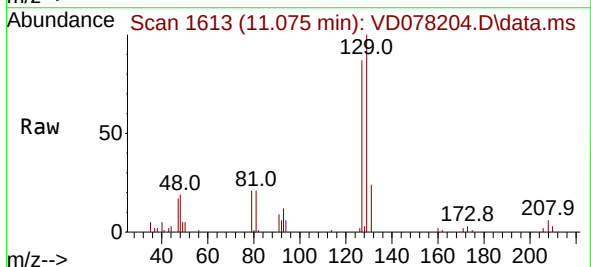
Manual Integrations
APPROVED

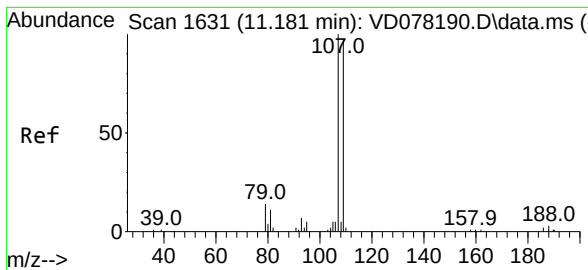
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#60
Dibromochloromethane
Concen: 19.630 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

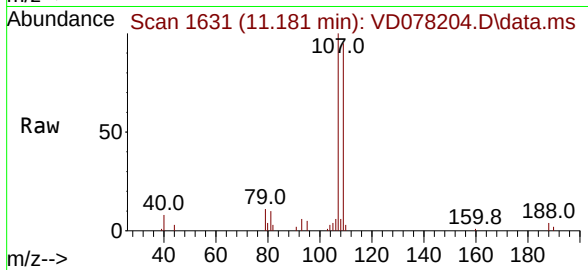
Tgt Ion:129 Resp: 30631
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.108 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

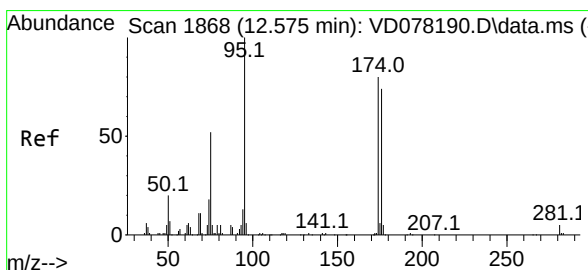
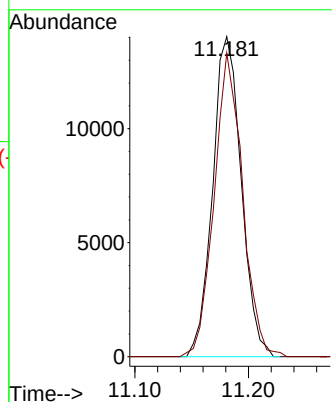
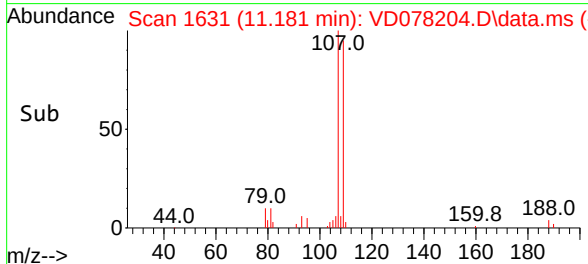
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



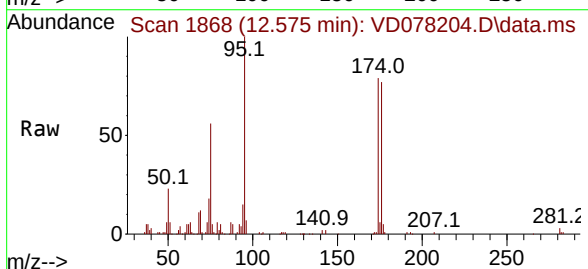
Tgt Ion:107 Resp: 24532
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

Manual Integrations
APPROVED

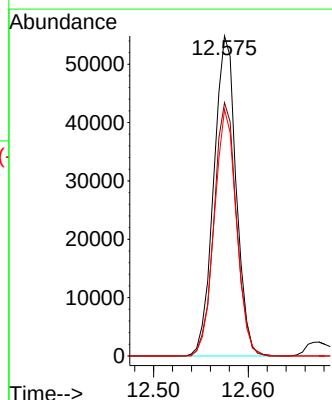
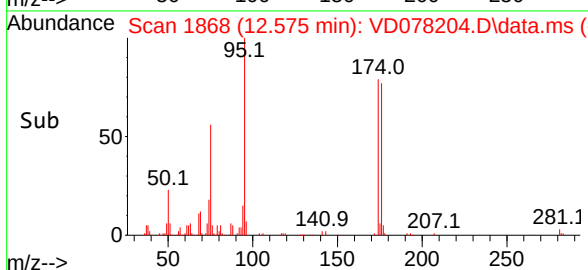
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

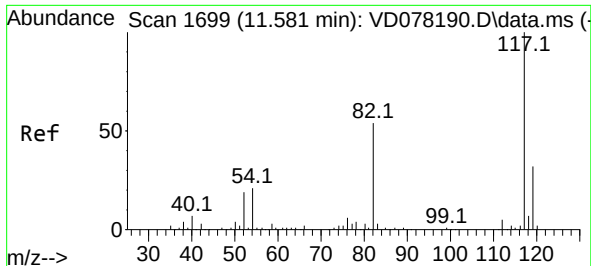


#62
4-Bromofluorobenzene
Concen: 50.294 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



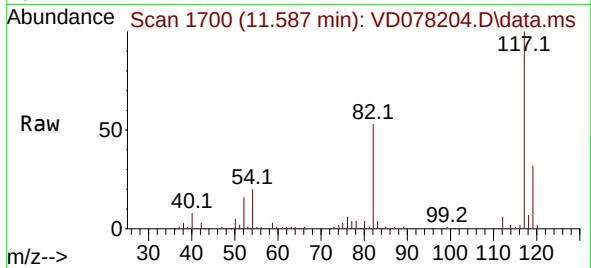
Tgt Ion: 95 Resp: 89825
Ion Ratio Lower Upper
95 100
174 79.6 0.0 201.8
176 76.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

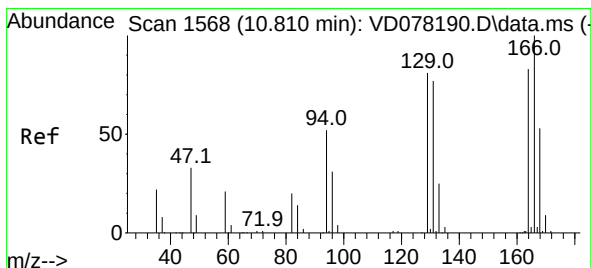
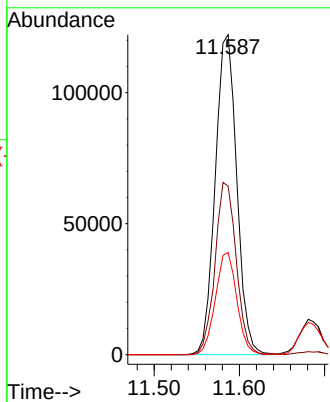
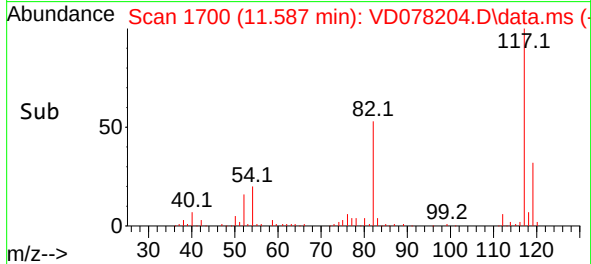
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



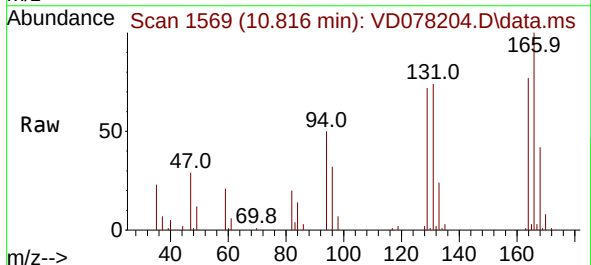
Tgt Ion:117 Resp: 214694
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 32.0 25.0 37.4

Manual Integrations
APPROVED

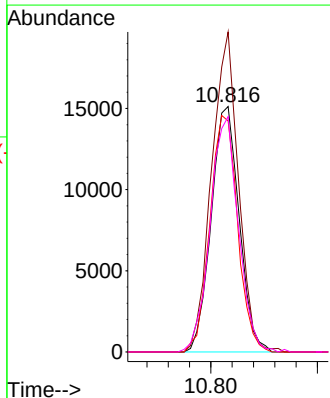
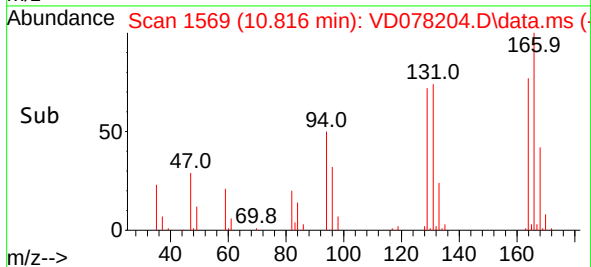
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

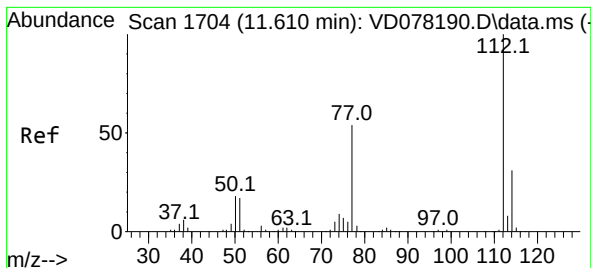


#64
Tetrachloroethene
Concen: 19.541 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion:164 Resp: 27431
Ion Ratio Lower Upper
164 100
166 130.4 99.2 148.8
129 94.2 68.4 102.6
131 95.9 63.8 95.8#





#65

Chlorobenzene

Concen: 19.742 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

Tgt Ion:112 Resp: 93630

Ion Ratio Lower Upper

112 100

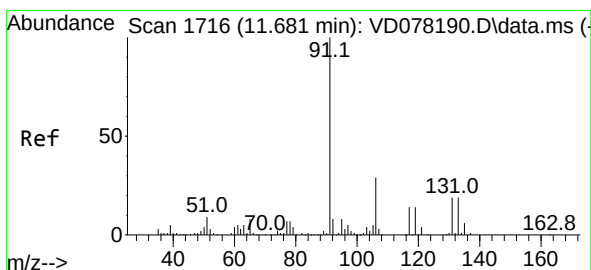
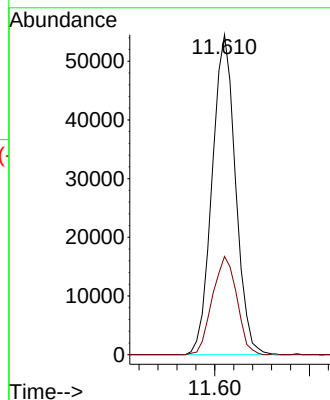
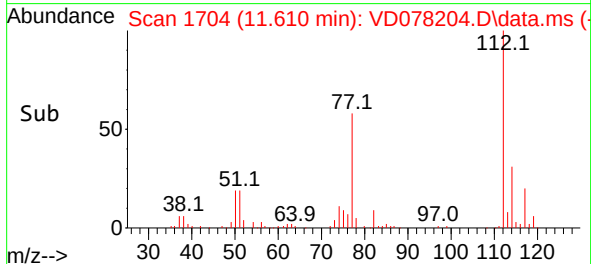
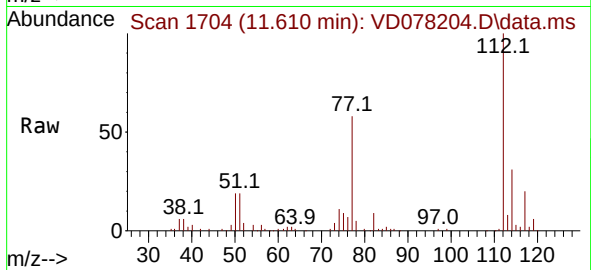
114 30.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.922 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

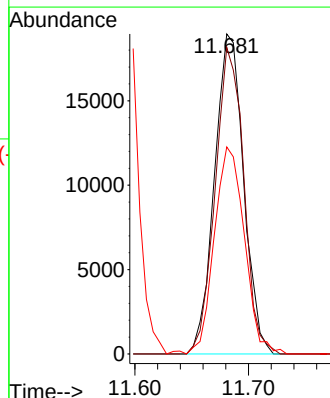
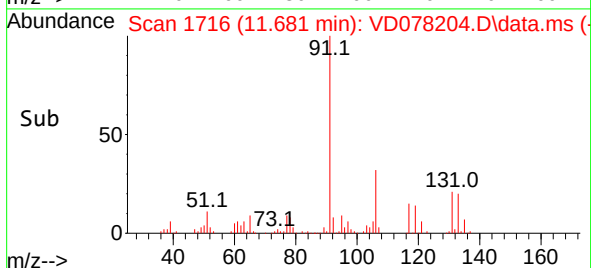
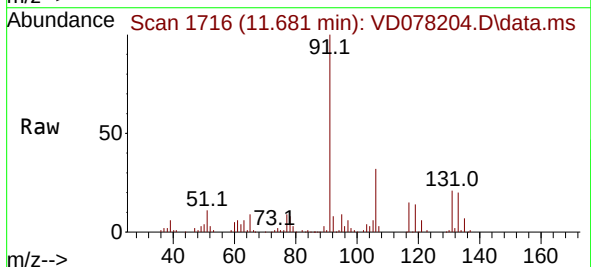
Tgt Ion:131 Resp: 33765

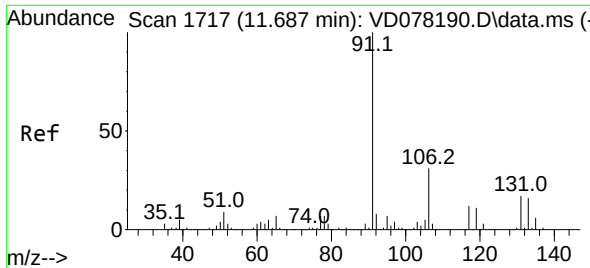
Ion Ratio Lower Upper

131 100

133 93.9 48.5 145.5

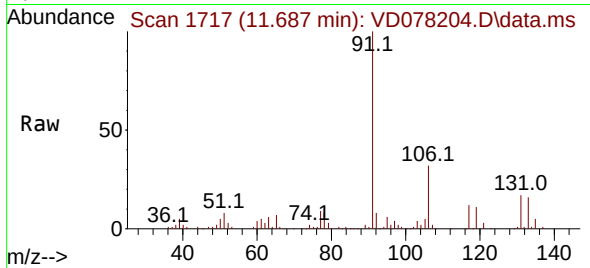
119 67.0 35.6 106.9





#67
Ethyl Benzene
Concen: 19.652 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

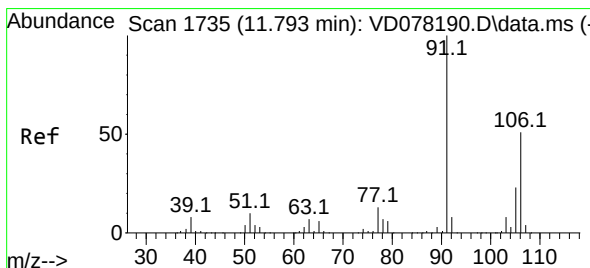
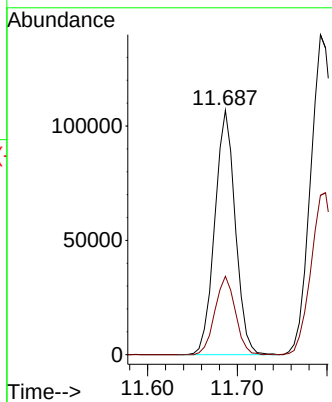
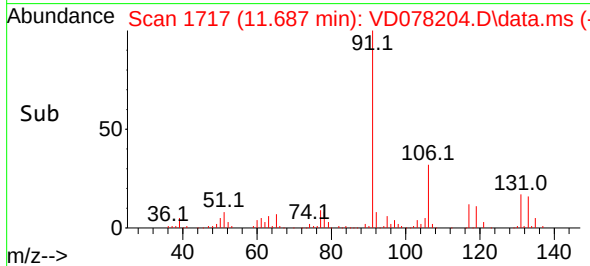
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



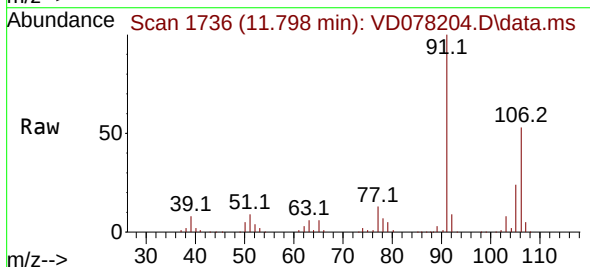
Tgt Ion: 91 Resp: 169614
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7

Manual Integrations
APPROVED

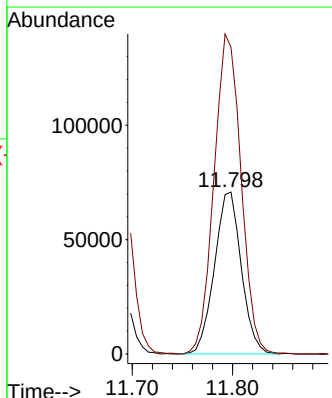
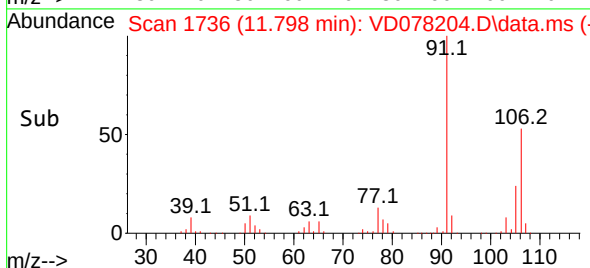
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

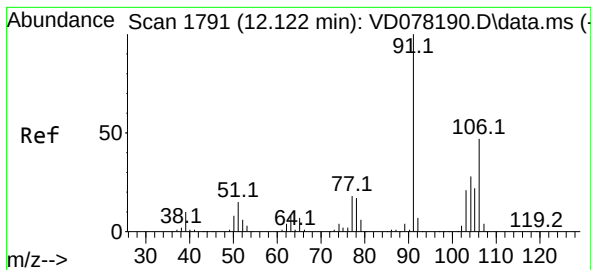


#68
m/p-Xylenes
Concen: 39.874 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion:106 Resp: 131436
Ion Ratio Lower Upper
106 100
91 199.3 147.0 220.6





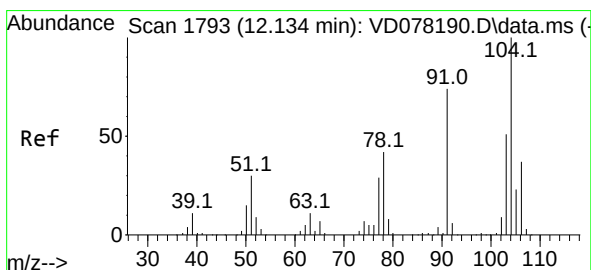
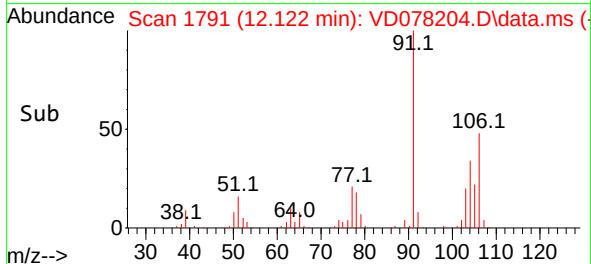
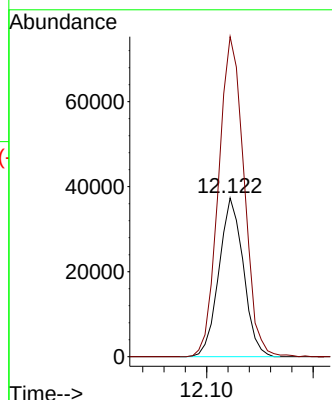
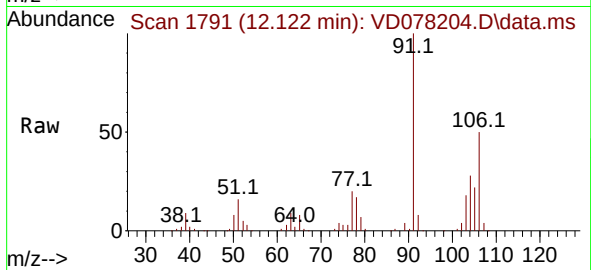
#69
o-Xylene
Concen: 19.871 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion:106 Resp: 5944
Ion Ratio Lower Upper
106 100
91 210.9 97.9 293.6

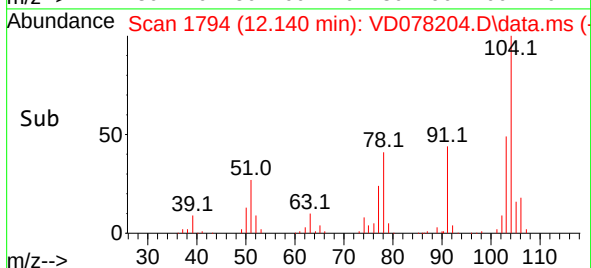
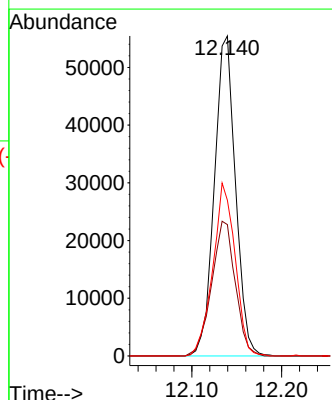
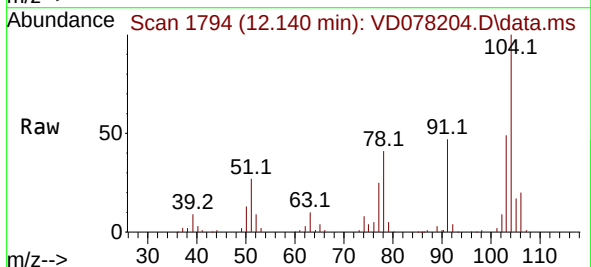
Manual Integrations
APPROVED

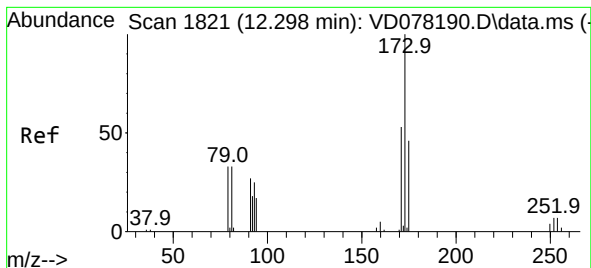
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#70
Styrene
Concen: 20.238 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion:104 Resp: 90721
Ion Ratio Lower Upper
104 100
78 47.1 33.2 49.8
103 56.9 43.6 65.4





#71

Bromoform

Concen: 18.892 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

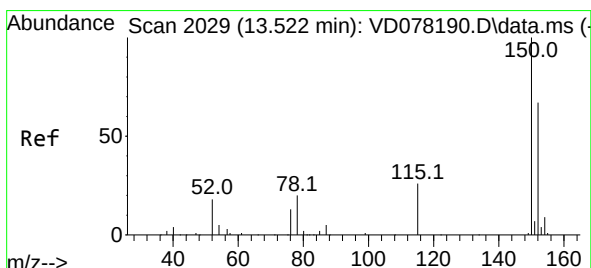
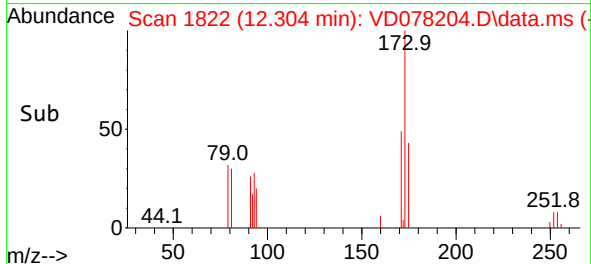
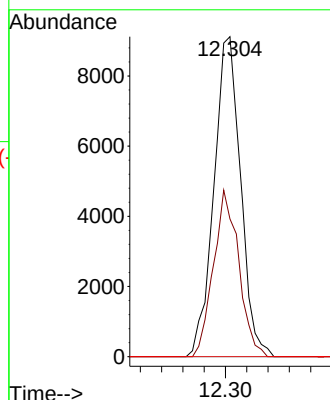
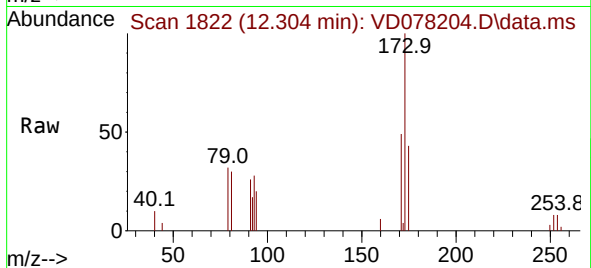
VD0123SBS01

Tgt Ion:173	Resp:	1585
Ion Ratio	Lower	Upper
173	100	
175	49.3	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

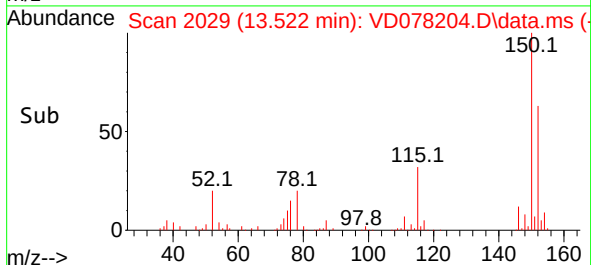
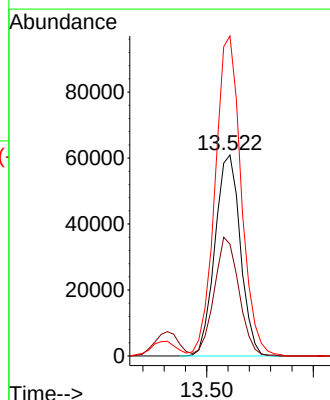
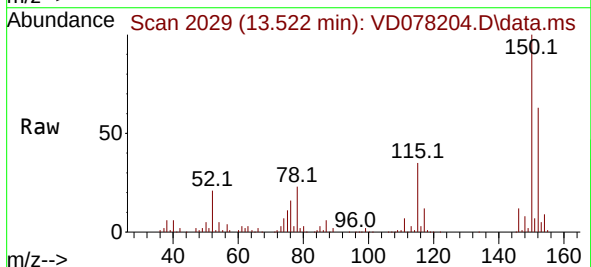
RT: 13.522 min Scan# 2029

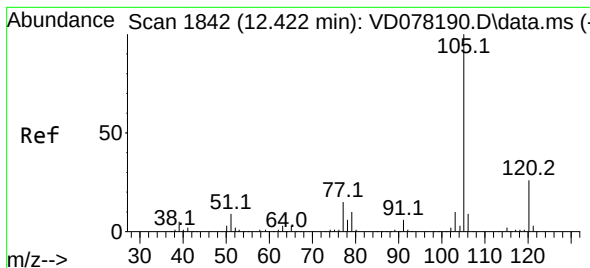
Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Tgt Ion:152	Resp:	100597
Ion Ratio	Lower	Upper
152	100	
115	58.0	27.1 81.3
150	163.9	0.0 353.6





#73

Isopropylbenzene

Concen: 20.202 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

Tgt Ion:105 Resp: 159794

Ion Ratio Lower Upper

105 100

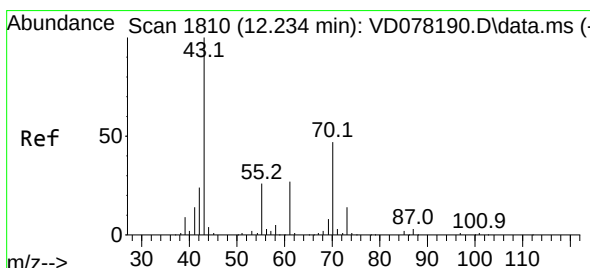
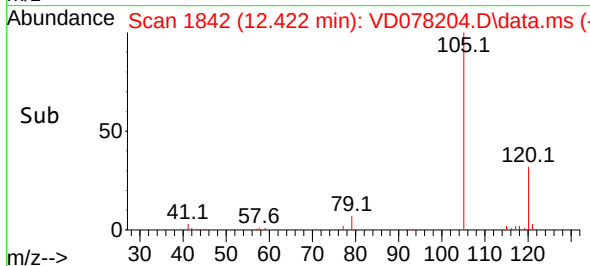
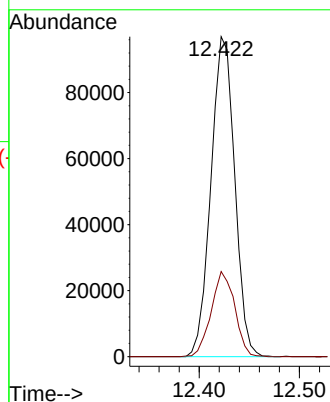
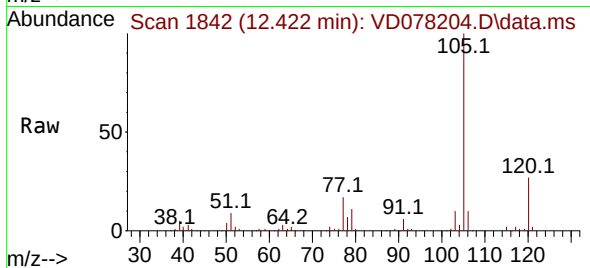
120 26.3 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#74

N-ethyl acetate

Concen: 19.598 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Tgt Ion: 43 Resp: 29657

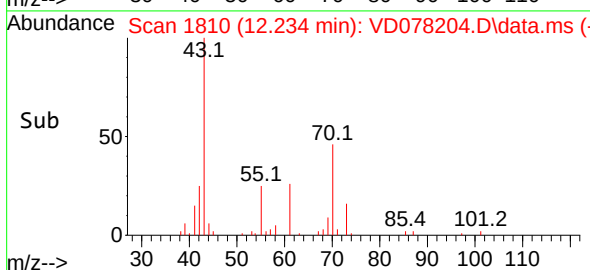
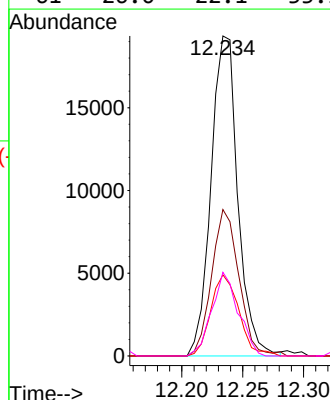
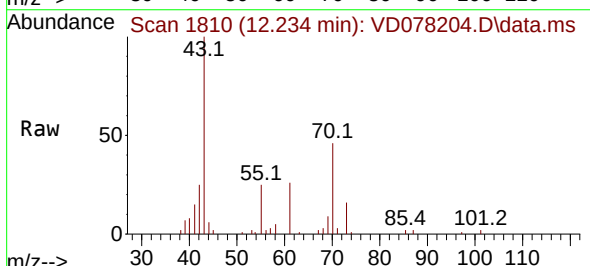
Ion Ratio Lower Upper

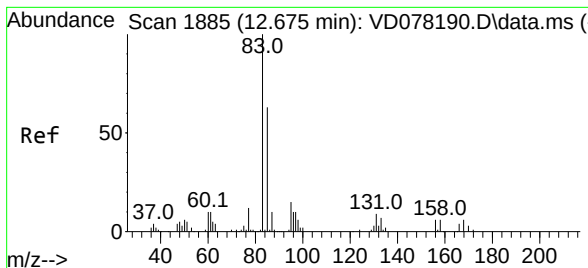
43 100

70 46.6 45.0 67.4

55 26.6 23.8 35.6

61 26.0 22.1 33.1





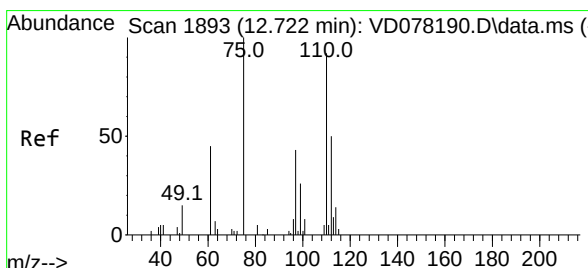
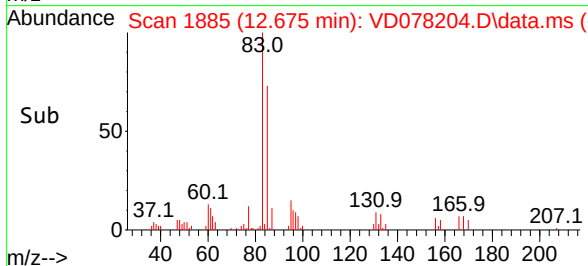
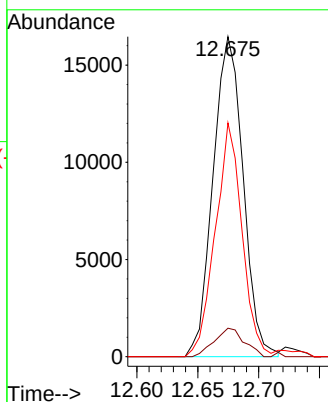
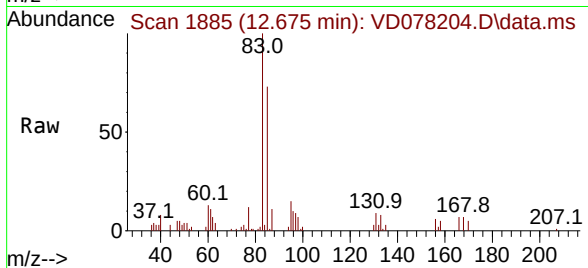
#75
1,1,2,2-Tetrachloroethane
Concen: 19.230 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion: 83 Resp: 2830
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 64.8 32.6 97.8

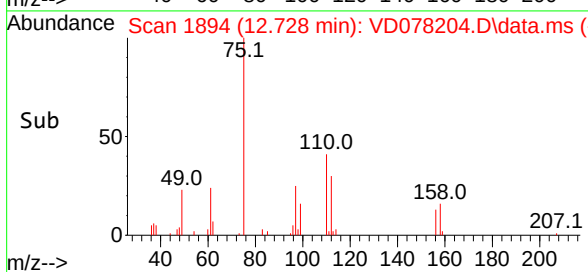
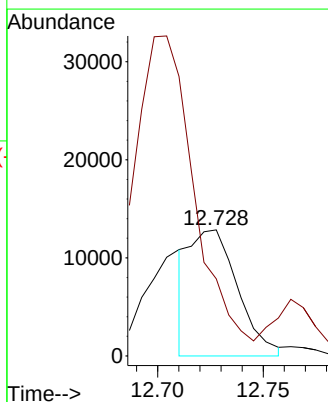
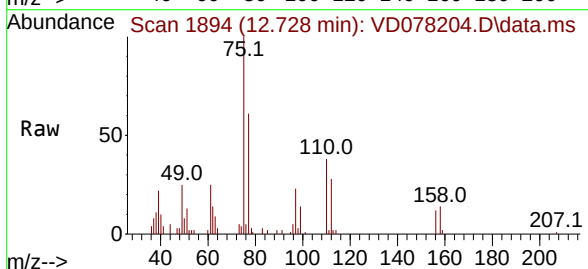
Manual Integrations
APPROVED

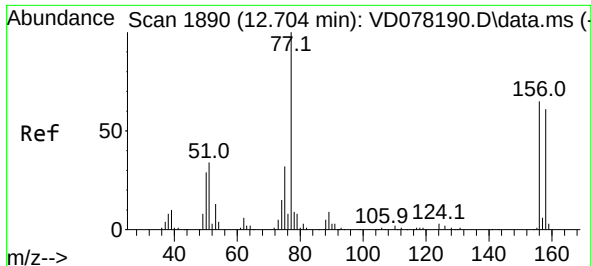
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#76
1,2,3-Trichloropropane
Concen: 21.045 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

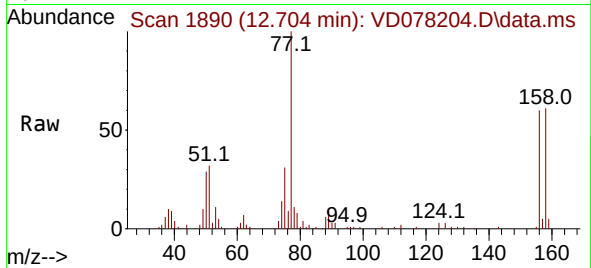
Tgt Ion: 75 Resp: 20305
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.704 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

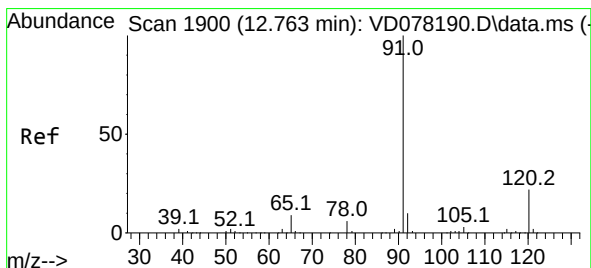
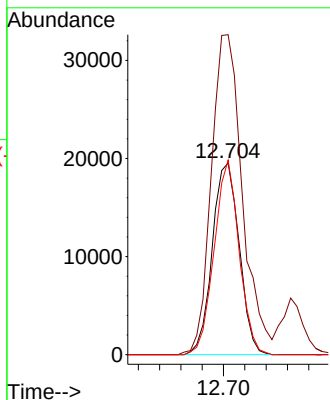
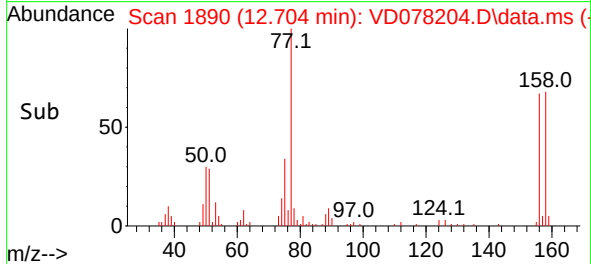
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



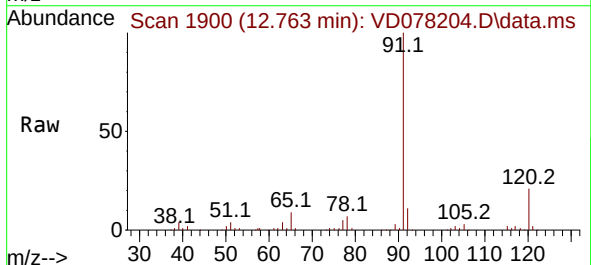
Tgt Ion:156 Resp: 3417
Ion Ratio Lower Upper
156 100
77 193.0 76.8 230.4
158 94.3 48.6 145.9

Manual Integrations
APPROVED

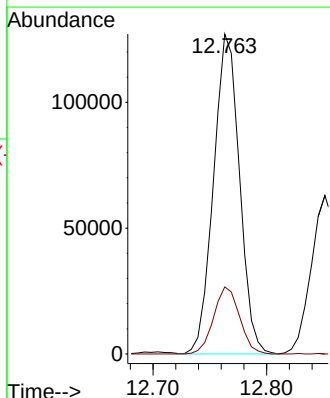
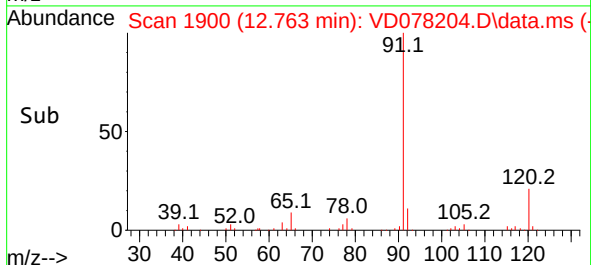
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

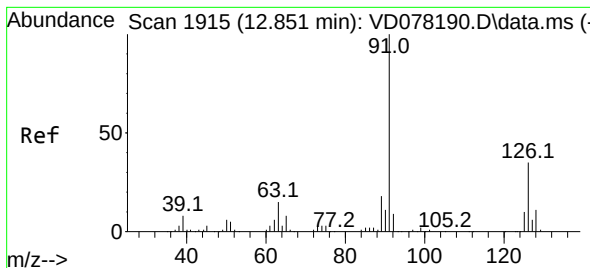


#78
n-propylbenzene
Concen: 20.587 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion: 91 Resp: 201963
Ion Ratio Lower Upper
91 100
120 20.9 12.4 37.2





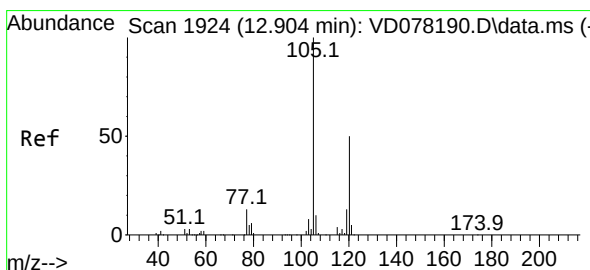
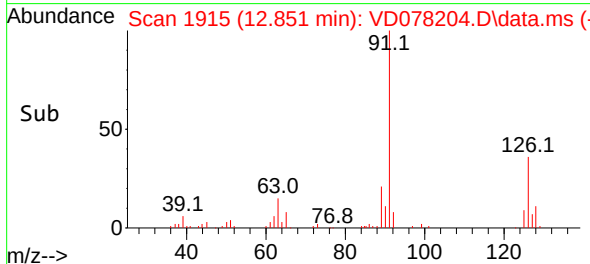
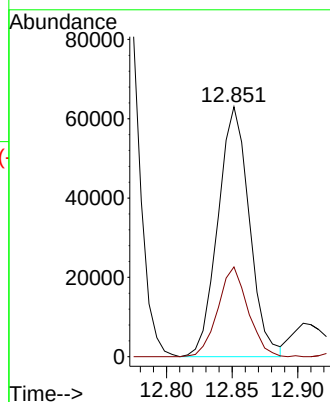
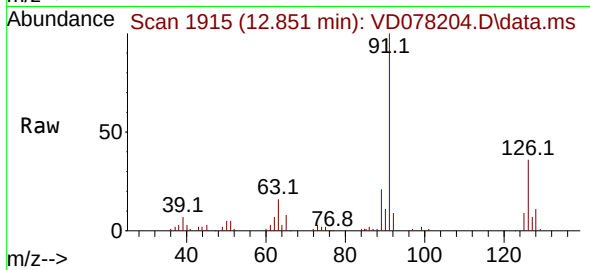
#79
2-Chlorotoluene
Concen: 20.115 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion: 91 Resp: 10530
Ion Ratio Lower Upper
91 100
126 34.3 19.4 58.1

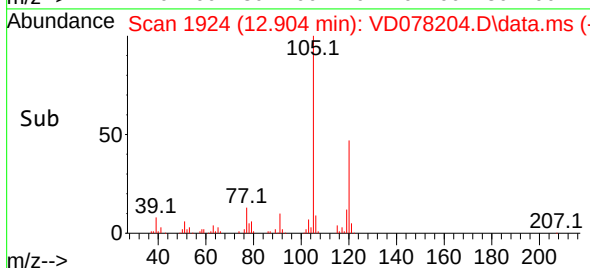
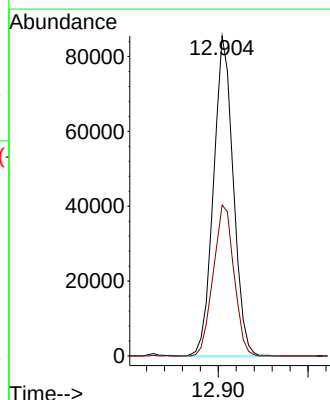
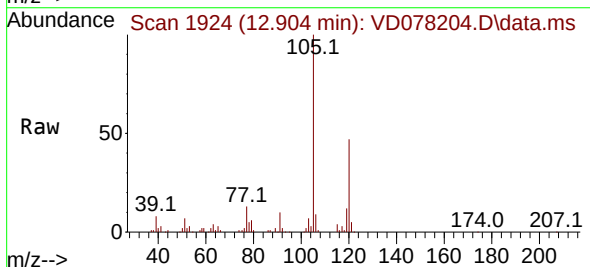
Manual Integrations
APPROVED

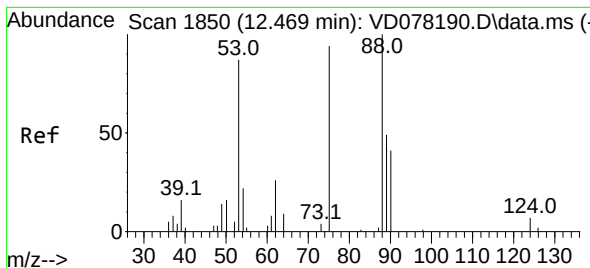
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.937 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

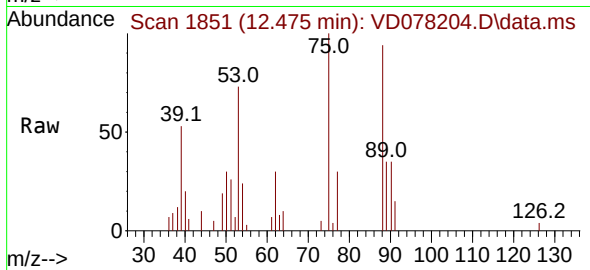
Tgt Ion:105 Resp: 130760
Ion Ratio Lower Upper
105 100
120 49.5 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 22.111 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

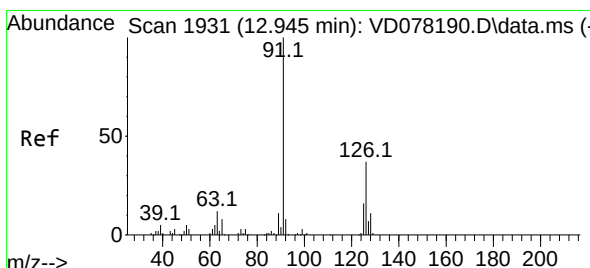
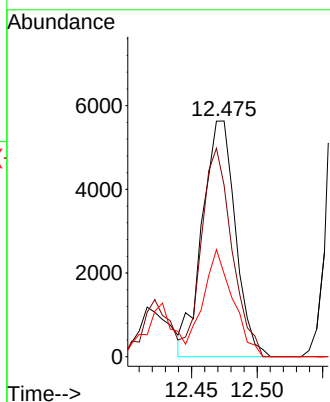
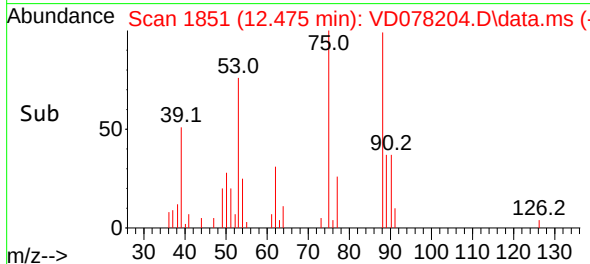
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



Tgt Ion: 75 Resp: 9904
Ion Ratio Lower Upper
75 100
53 81.7 63.0 94.4
89 40.7 37.9 56.9

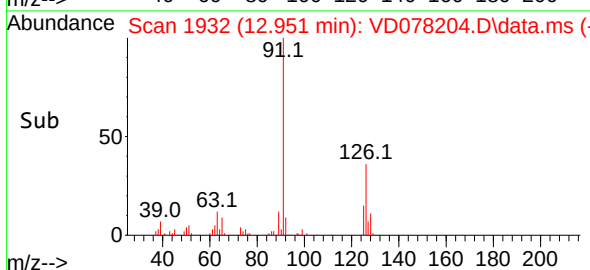
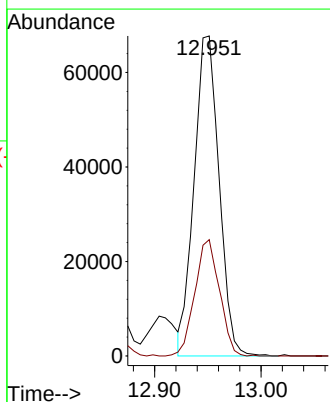
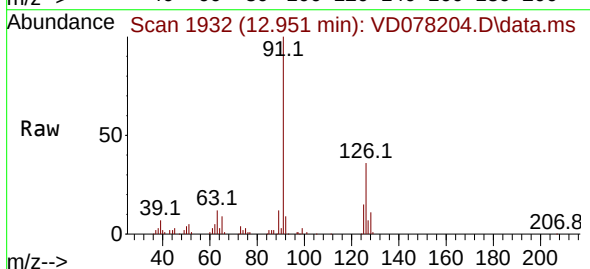
Manual Integrations
APPROVED

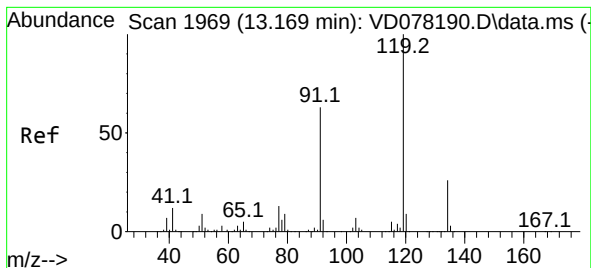
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#82
4-Chlorotoluene
Concen: 20.049 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion: 91 Resp: 110643
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.4





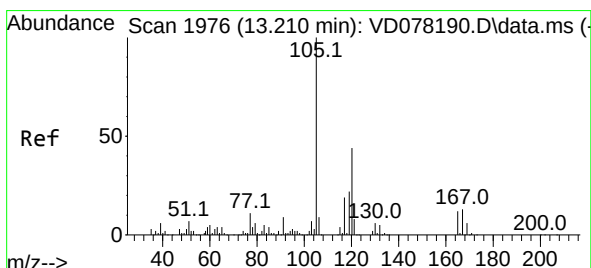
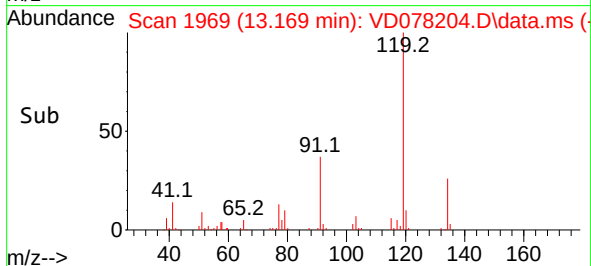
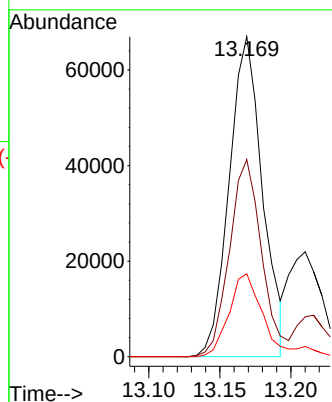
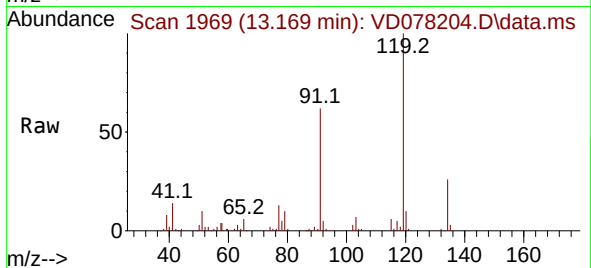
#83
tert-Butylbenzene
Concen: 19.899 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion:119 Resp: 10909
Ion Ratio Lower Upper
119 100
91 59.9 29.3 87.8
134 27.6 14.1 42.3

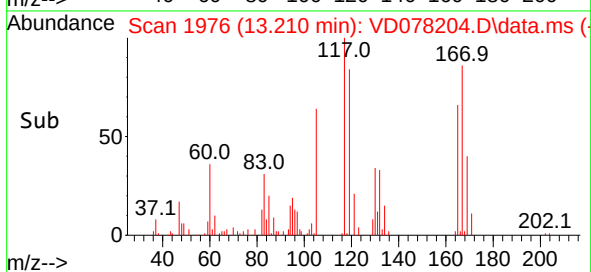
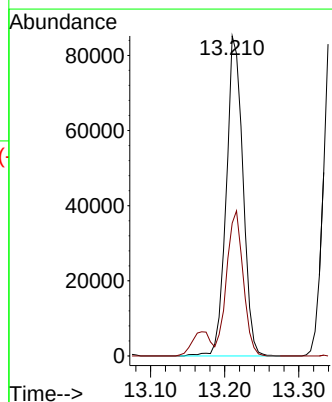
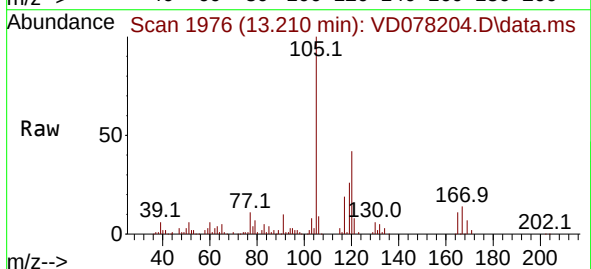
Manual Integrations
APPROVED

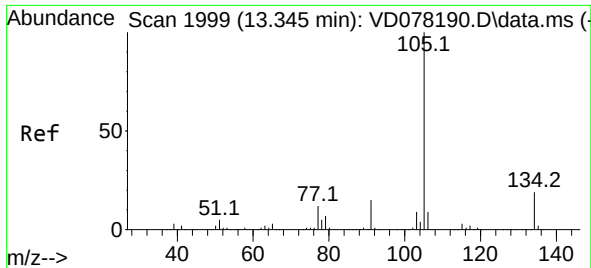
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.032 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

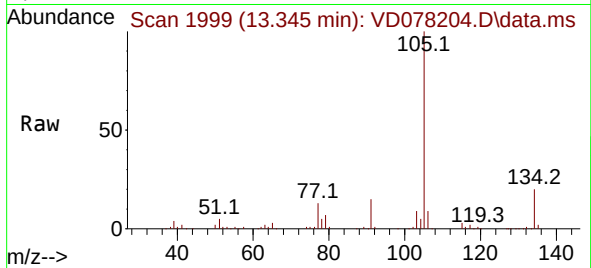
Tgt Ion:105 Resp: 132872
Ion Ratio Lower Upper
105 100
120 45.1 24.3 72.9





#85
sec-Butylbenzene
Concen: 20.207 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

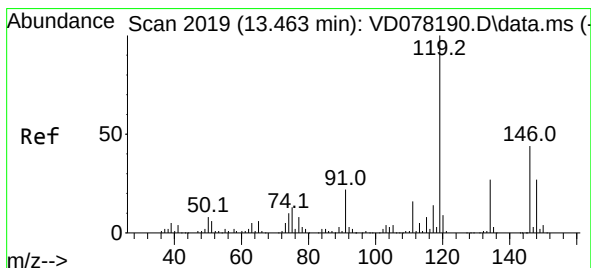
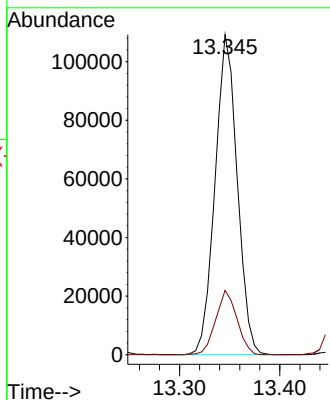
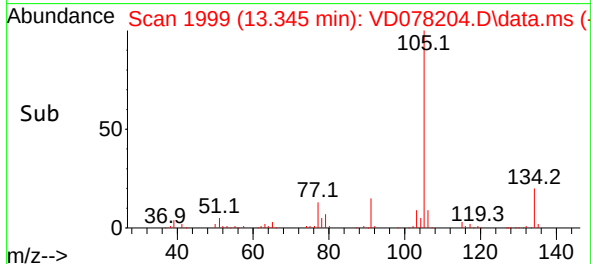
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



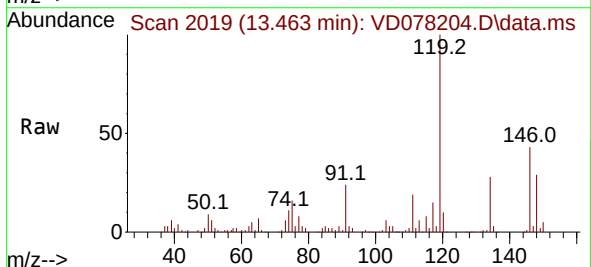
Tgt Ion:105 Resp: 16775
Ion Ratio Lower Upper
105 100
134 19.2 10.9 32.9

Manual Integrations
APPROVED

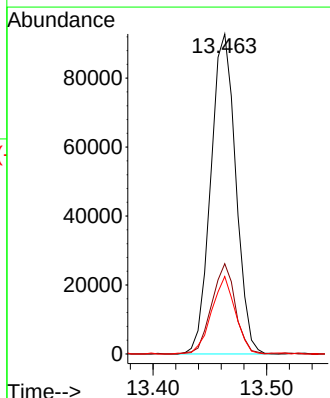
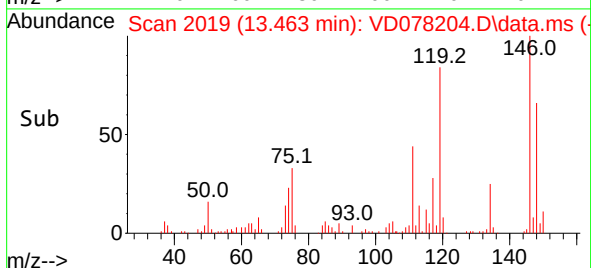
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

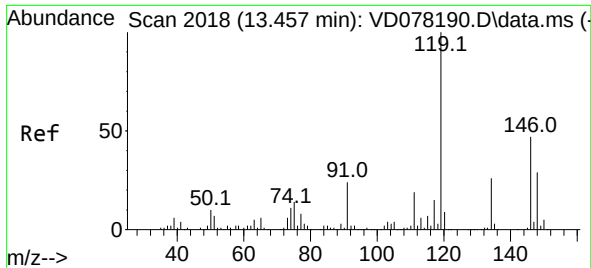


#86
p-Isopropyltoluene
Concen: 19.640 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion:119 Resp: 141885
Ion Ratio Lower Upper
119 100
134 26.8 14.2 42.6
91 23.0 10.5 31.5





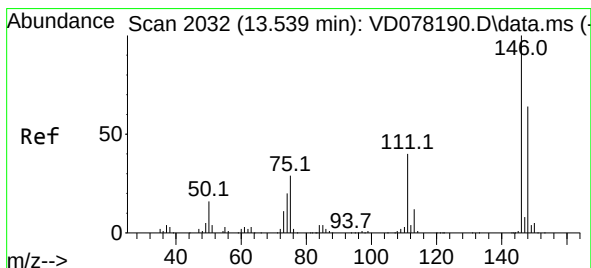
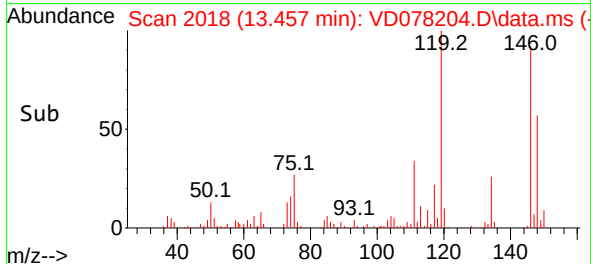
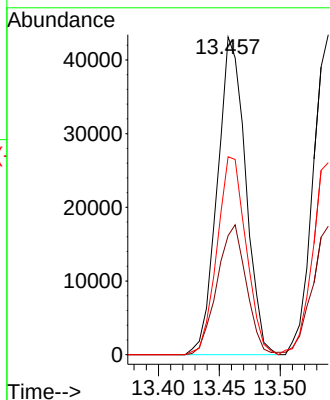
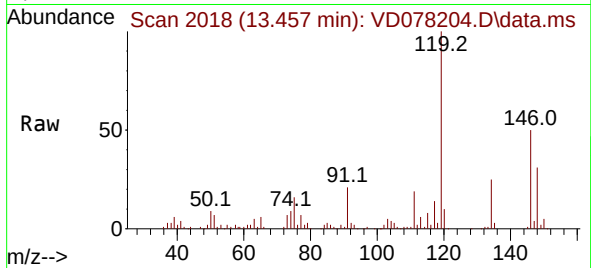
#87
1,3-Dichlorobenzene
Concen: 19.351 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion:146 Resp: 6948
Ion Ratio Lower Upper
146 100
111 42.3 17.9 53.8
148 64.0 32.3 96.8

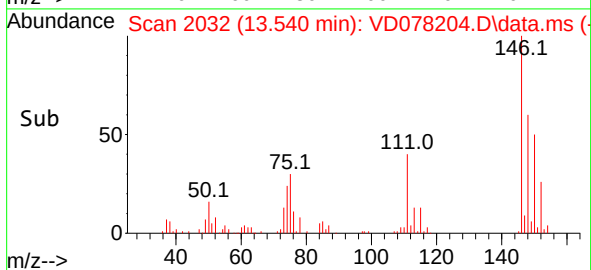
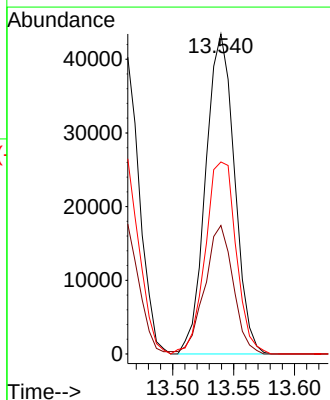
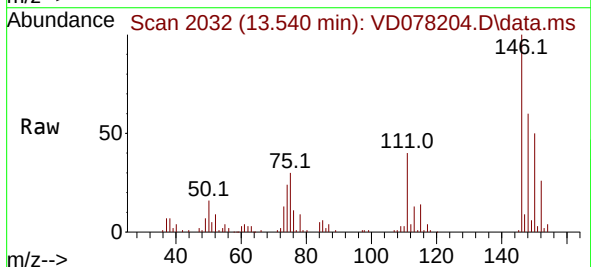
Manual Integrations
APPROVED

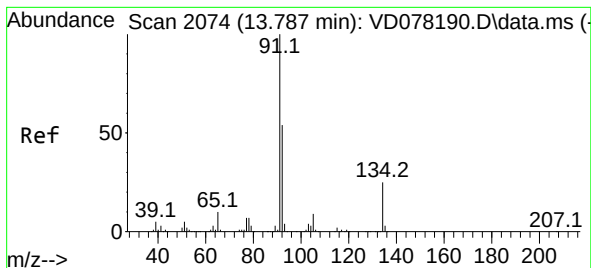
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#88
1,4-Dichlorobenzene
Concen: 20.124 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion:146 Resp: 71386
Ion Ratio Lower Upper
146 100
111 39.7 17.4 52.3
148 64.2 31.7 95.1





#89

n-Butylbenzene

Concen: 20.161 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

Instrument :

MSVOA_D

ClientSampleId :

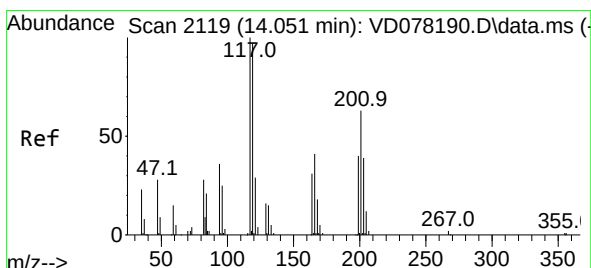
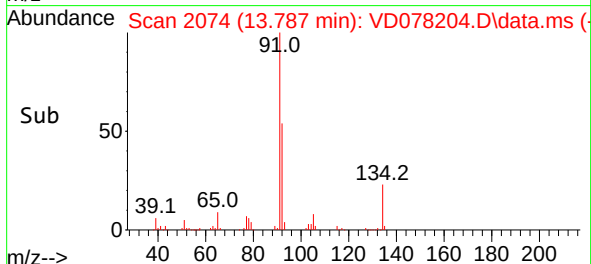
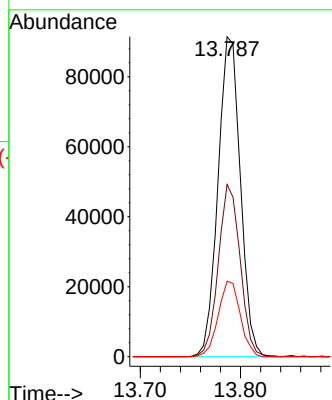
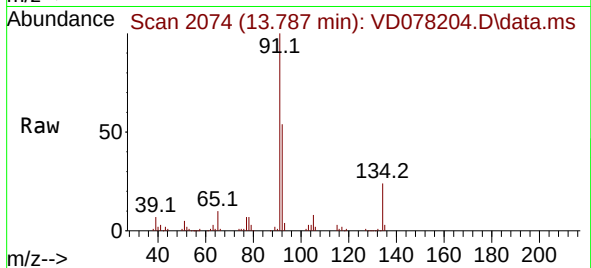
VD0123SBS01

Tgt Ion: 91 Resp: 141788
 Ion Ratio Lower Upper
 91 100
 92 52.3 26.5 79.5
 134 23.2 13.8 41.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024



#90

Hexachloroethane

Concen: 20.417 ug/l

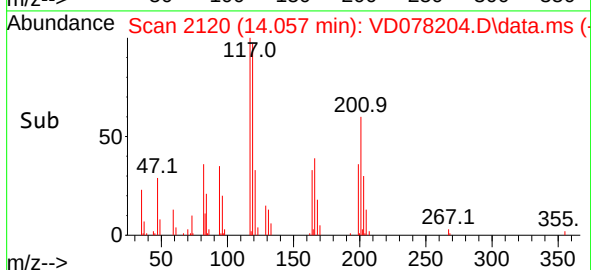
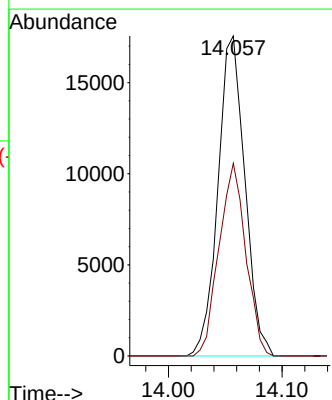
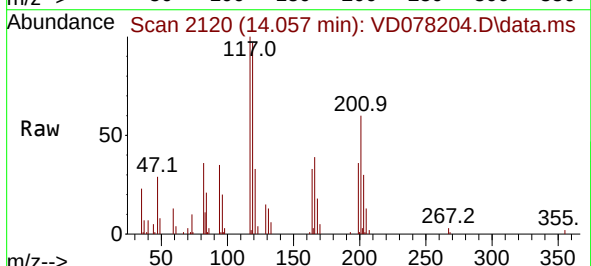
RT: 14.057 min Scan# 2120

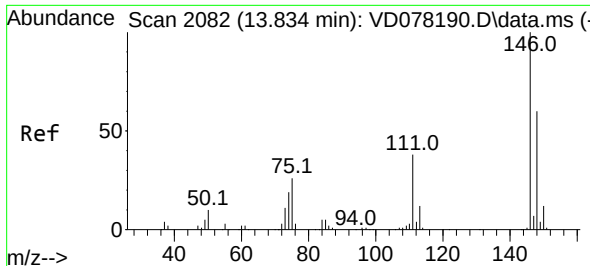
Delta R.T. 0.006 min

Lab File: VD078204.D

Acq: 23 Jan 2024 11:52

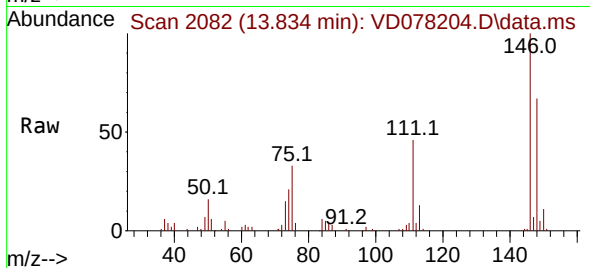
Tgt Ion:117 Resp: 28933
 Ion Ratio Lower Upper
 117 100
 201 59.8 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 19.663 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

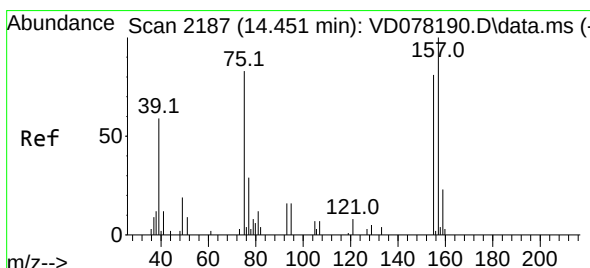
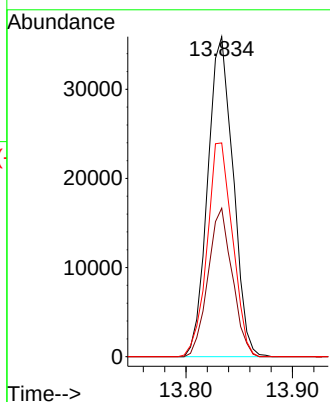
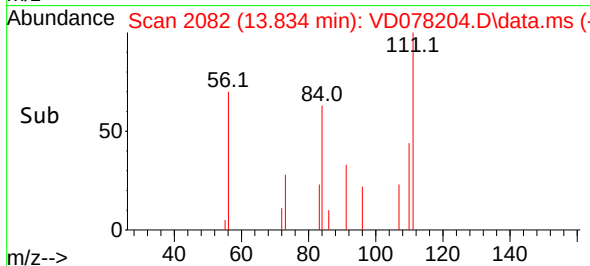
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



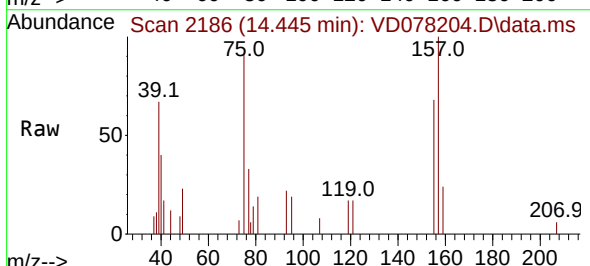
Tgt Ion:146 Resp: 5936
Ion Ratio Lower Upper
146 100
111 44.3 18.3 54.8
148 67.0 31.6 94.7

Manual Integrations
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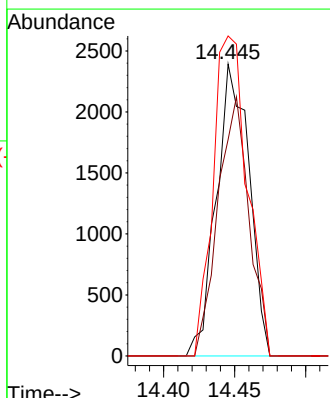
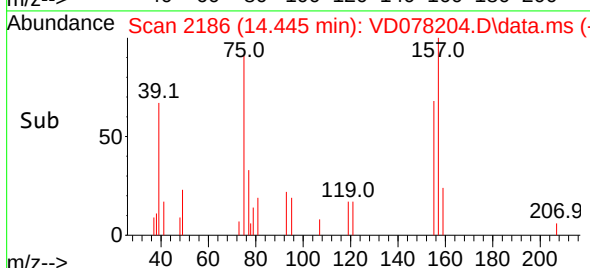
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

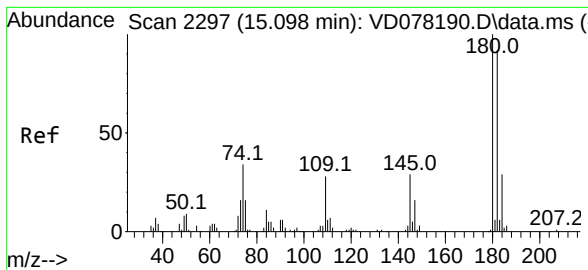


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.210 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52



Tgt Ion: 75 Resp: 3830
Ion Ratio Lower Upper
75 100
155 84.5 47.9 143.8
157 115.7 59.9 179.7





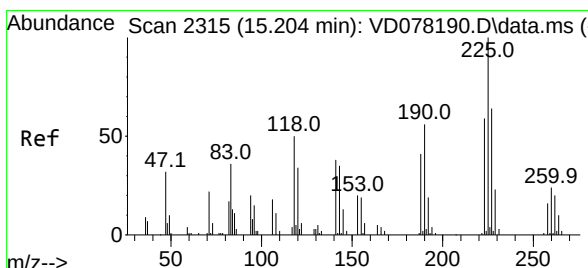
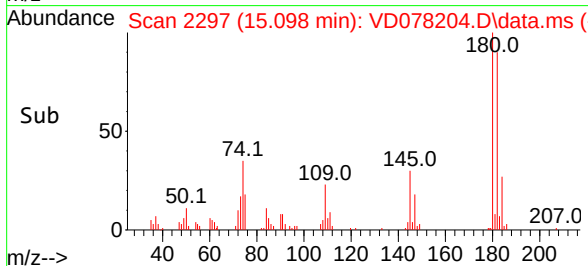
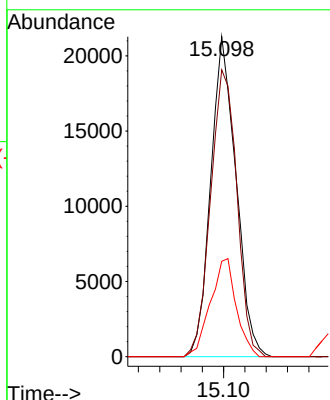
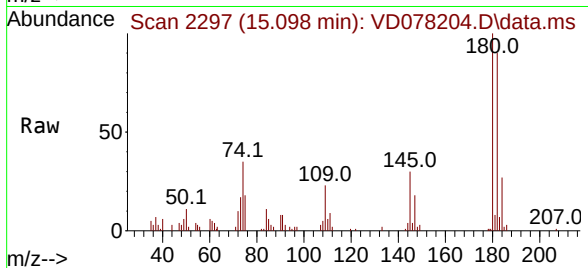
#93
1,2,4-Trichlorobenzene
Concen: 18.771 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion:180 Resp: 3503
Ion Ratio Lower Upper
180 100
182 93.1 48.5 145.6
145 31.4 14.2 42.6

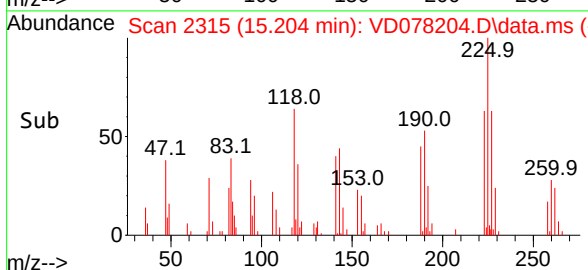
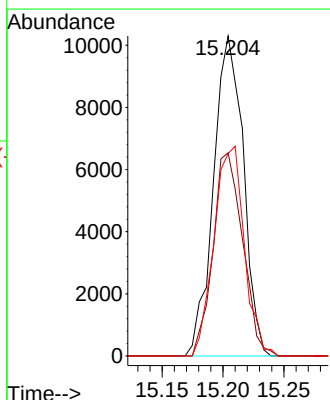
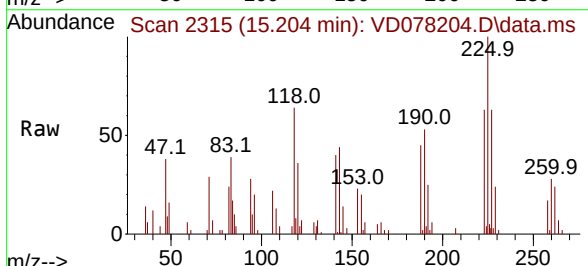
Manual Integrations
APPROVED

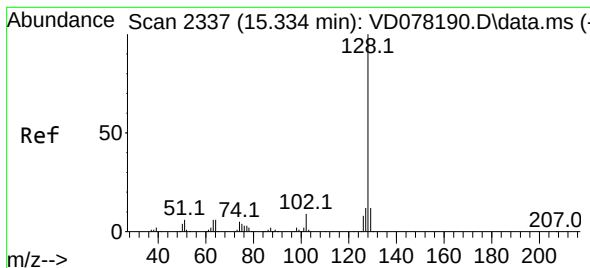
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#94
Hexachlorobutadiene
Concen: 19.466 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion:225 Resp: 17556
Ion Ratio Lower Upper
225 100
223 63.1 31.6 94.8
227 66.3 31.7 95.1





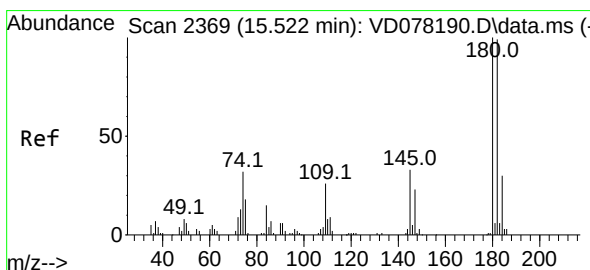
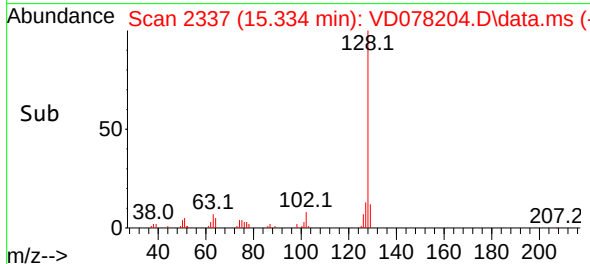
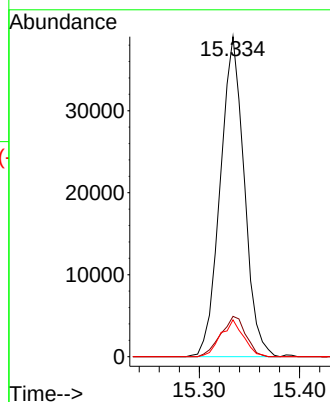
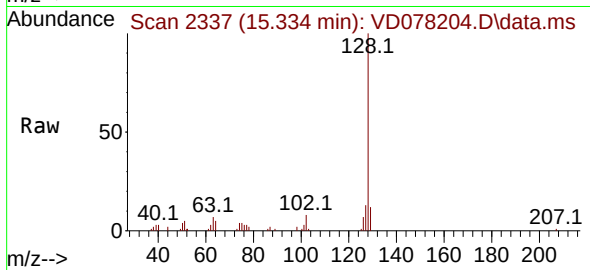
#95
Naphthalene
Concen: 18.579 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

Tgt Ion:128 Resp: 64828
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.327 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD078204.D
Acq: 23 Jan 2024 11:52

Tgt Ion:180 Resp: 30263
Ion Ratio Lower Upper
180 100
182 98.3 47.3 141.9
145 31.2 15.1 45.3

