

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078991.D
 Acq On : 22 May 2024 20:40
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 06:08:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	136103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	231424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72985	57.169	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.340%			
35) Dibromofluoromethane	7.805	113	83199	54.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.020%			
50) Toluene-d8	10.269	98	320089	55.425	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.860%			
62) 4-Bromofluorobenzene	12.569	95	92418	56.964	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52991	41.668	ug/l	99
3) Chloromethane	2.146	50	108192	64.230	ug/l	100
4) Vinyl Chloride	2.276	62	165286	61.224	ug/l	98
5) Bromomethane	2.681	94	128677	49.363	ug/l	100
6) Chloroethane	2.828	64	128713	52.872	ug/l	96
7) Trichlorofluoromethane	3.164	101	102174	38.332	ug/l	97
8) Diethyl Ether	3.593	74	31624	52.362	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.952	101	61700	43.835	ug/l	97
10) Methyl Iodide	4.158	142	75035	44.621	ug/l	98
11) Tert butyl alcohol	5.064	59	14064	253.344	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	62603	45.437	ug/l	98
13) Acrolein	3.787	56	17386	136.804	ug/l	95
14) Allyl chloride	4.558	41	65439	48.674	ug/l	100
15) Acrylonitrile	5.252	53	63255	256.330	ug/l	98
16) Acetone	4.022	43	46007	226.017	ug/l	95
17) Carbon Disulfide	4.258	76	202237	50.455	ug/l	97
18) Methyl Acetate	4.564	43	25005	53.351	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	138972	51.766	ug/l #	90
20) Methylene Chloride	4.799	84	90870	56.922	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	74982	48.826	ug/l	96
22) Diisopropyl ether	6.216	45	154378	50.769	ug/l	98
23) Vinyl Acetate	6.152	43	472472	259.055	ug/l	99
24) 1,1-Dichloroethane	6.105	63	114768	47.611	ug/l	98
25) 2-Butanone	7.075	43	67446	247.736	ug/l	100
26) 2,2-Dichloropropane	7.069	77	90200	42.580	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	86650	48.051	ug/l	99
28) Bromochloromethane	7.422	49	43222	53.765	ug/l	97
29) Tetrahydrofuran	7.440	42	44405	281.992	ug/l	97
30) Chloroform	7.593	83	132343	48.473	ug/l	100
31) Cyclohexane	7.875	56	80002	42.893	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	108378	46.352	ug/l	98
36) 1,1-Dichloropropene	8.005	75	86556	45.151	ug/l	99
37) Ethyl Acetate	7.164	43	31284	47.885	ug/l	95
38) Carbon Tetrachloride	7.993	117	98387	43.856	ug/l	98
39) Methylcyclohexane	9.275	83	102223	43.887	ug/l	95
40) Benzene	8.246	78	293928	47.405	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14955	42.542	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	70346	46.872	ug/l	98
43) Isopropyl Acetate	8.363	43	58626	50.574	ug/l	100
44) Trichloroethene	9.022	130	72817	44.276	ug/l	100
45) 1,2-Dichloropropane	9.305	63	64875	47.614	ug/l	98
46) Dibromomethane	9.393	93	42183	47.029	ug/l	97
47) Bromodichloromethane	9.587	83	100088	46.355	ug/l	99
48) Methyl methacrylate	9.381	41	27274	48.331	ug/l	95
49) 1,4-Dioxane	9.381	88	8528	1080.851	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	159873	258.928	ug/l	98
52) Toluene	10.328	92	188616	47.523	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	85633	46.673	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	104324	47.373	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	54720	47.220	ug/l	97
56) Ethyl methacrylate	10.599	69	63411	53.185	ug/l	98
57) 1,3-Dichloropropane	10.875	76	89937	49.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	130985	255.689	ug/l	99
59) 2-Hexanone	10.916	43	112279	261.255	ug/l	96
60) Dibromochloromethane	11.069	129	74354	47.067	ug/l	97
61) 1,2-Dibromoethane	11.175	107	52361	49.556	ug/l	95
64) Tetrachloroethene	10.804	164	68103	49.028	ug/l	89
65) Chlorobenzene	11.604	112	214618	47.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	72870	46.284	ug/l	99
67) Ethyl Benzene	11.681	91	346130	47.252	ug/l	98
68) m/p-Xylenes	11.793	106	287565	96.558	ug/l	100
69) o-Xylene	12.116	106	130959	48.234	ug/l	96
70) Styrene	12.134	104	239966	49.869	ug/l	99
71) Bromoform	12.299	173	43617	48.362	ug/l #	99
73) Isopropylbenzene	12.416	105	323580	45.945	ug/l	100
74) N-amyl acetate	12.228	43	59131	51.744	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	60682	47.767	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	44284m	53.309	ug/l	
77) Bromobenzene	12.698	156	85870	46.366	ug/l	98
78) n-propylbenzene	12.757	91	388614	45.653	ug/l	100
79) 2-Chlorotoluene	12.846	91	221676	46.854	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	271757	46.444	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	20182	48.177	ug/l	94
82) 4-Chlorotoluene	12.946	91	229557	46.249	ug/l	98
83) tert-Butylbenzene	13.163	119	231408	44.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	279785	46.163	ug/l	100
85) sec-Butylbenzene	13.340	105	347677	45.040	ug/l	100
86) p-Isopropyltoluene	13.457	119	303245	45.090	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	175664	44.823	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	171342	44.643	ug/l	99
89) n-Butylbenzene	13.787	91	261718	43.429	ug/l	99
90) Hexachloroethane	14.051	117	61845	43.596	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	152701	46.567	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8277	48.941	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	89102	46.279	ug/l	99
94) Hexachlorobutadiene	15.198	225	43056	42.791	ug/l	95
95) Naphthalene	15.328	128	178943	54.563	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	83072	48.504	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

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

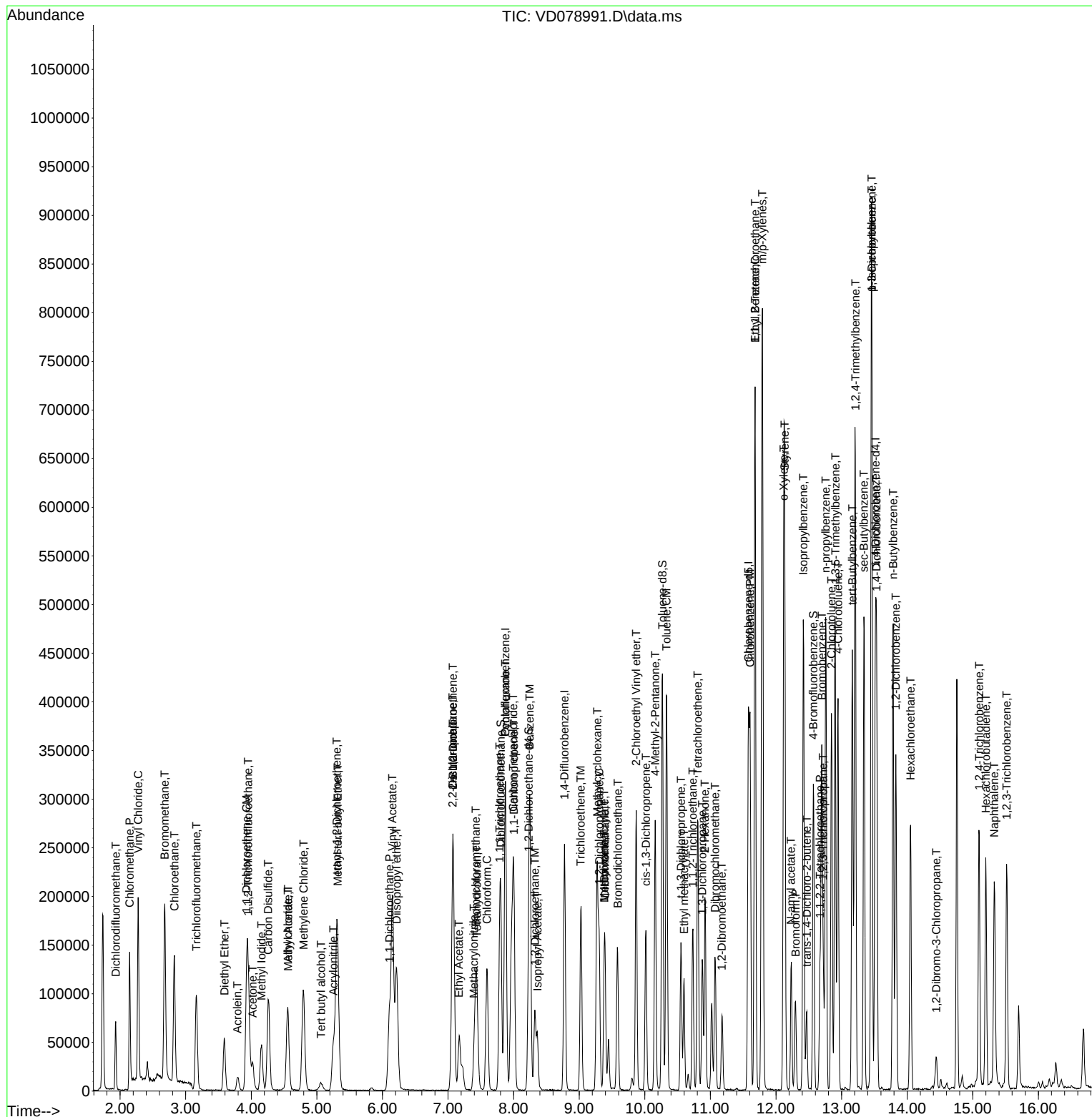
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Data File : VD078991.D
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ALS Vial : 2 Sample Multiplier: 1

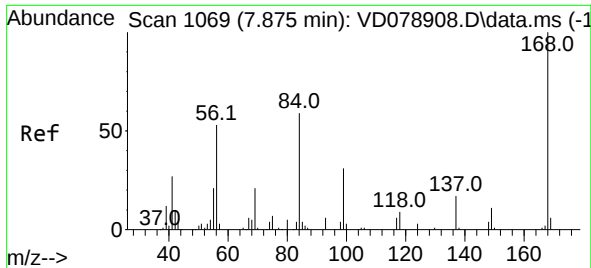
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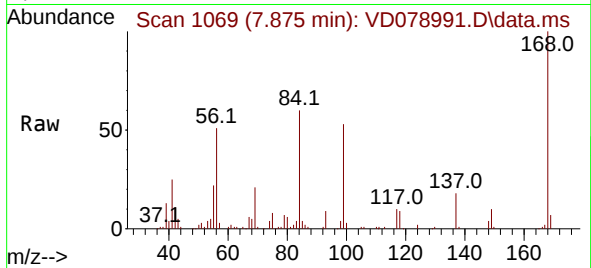
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

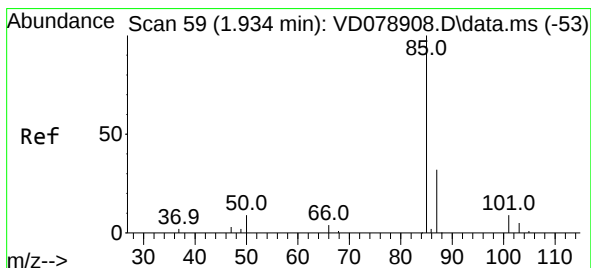
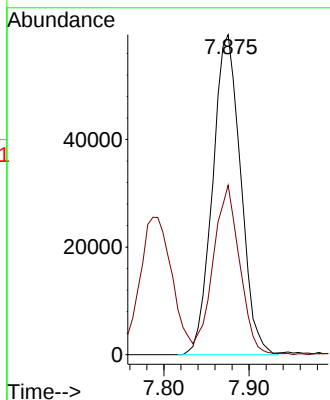
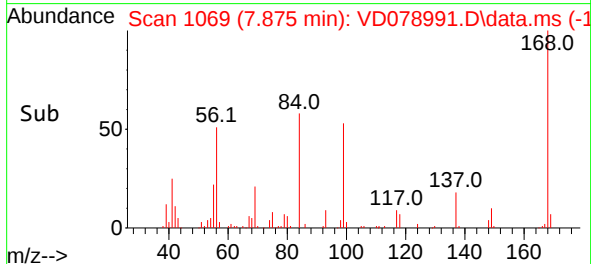
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13610
Ion Ratio Lower Upper
168 100
99 52.6 41.1 61.7

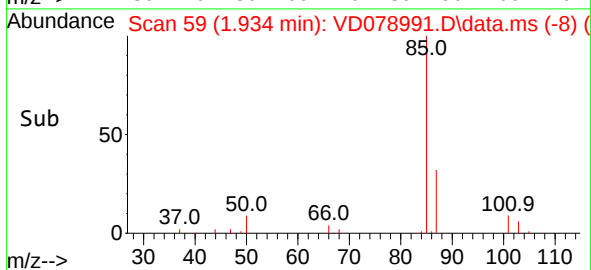
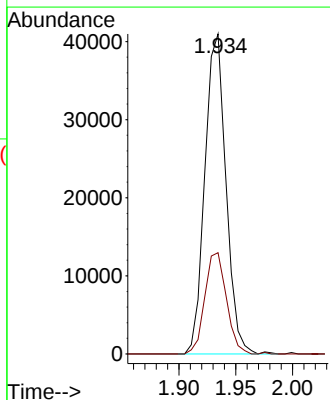
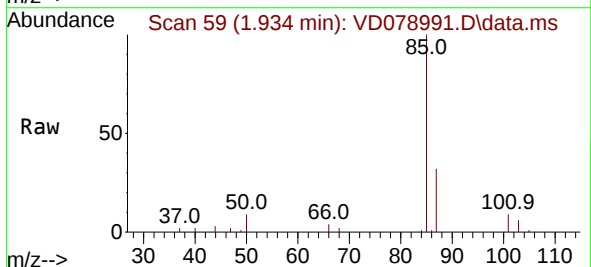
Manual Integrations
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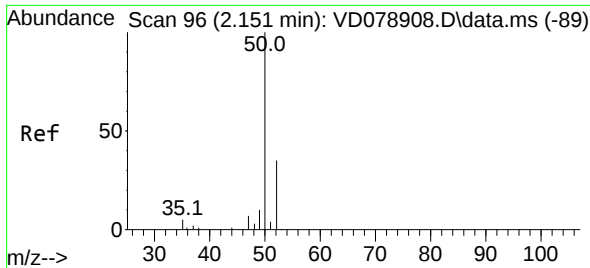
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#2
Dichlorodifluoromethane
Concen: 41.668 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

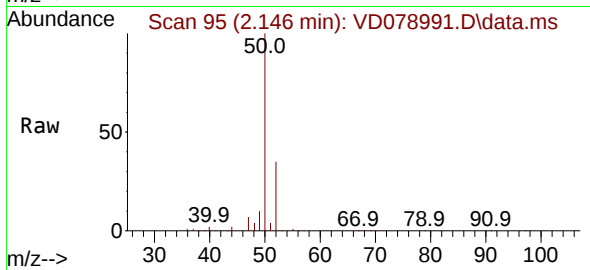
Tgt Ion: 85 Resp: 52991
Ion Ratio Lower Upper
85 100
87 31.6 16.0 48.0





#3
Chloromethane
Concen: 64.230 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

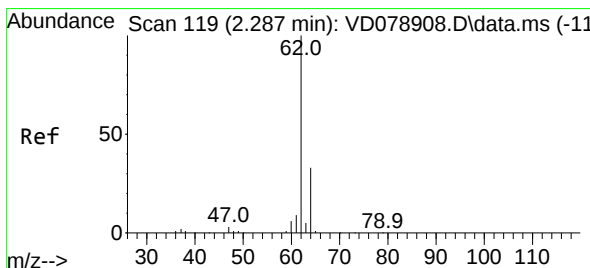
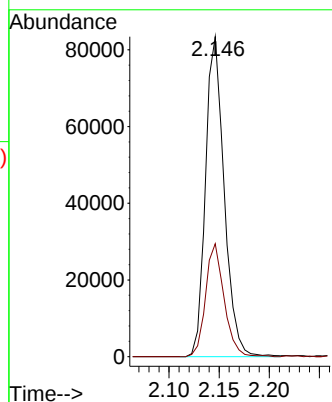
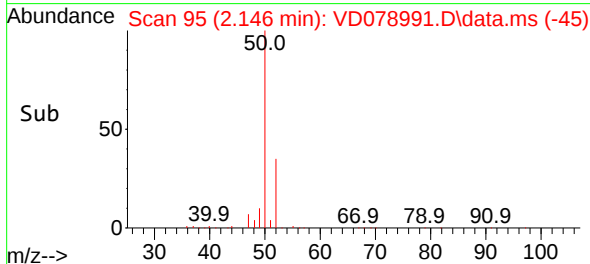
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 108192
Ion Ratio Lower Upper
50 100
52 35.3 28.2 42.2

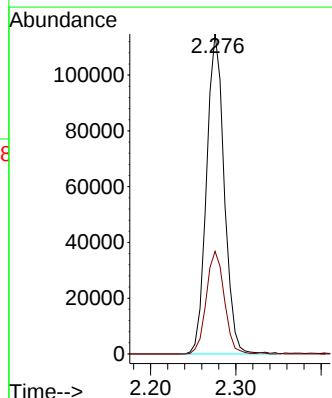
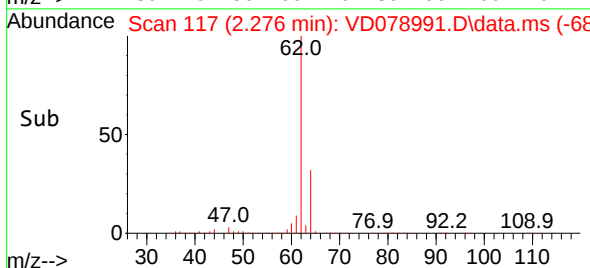
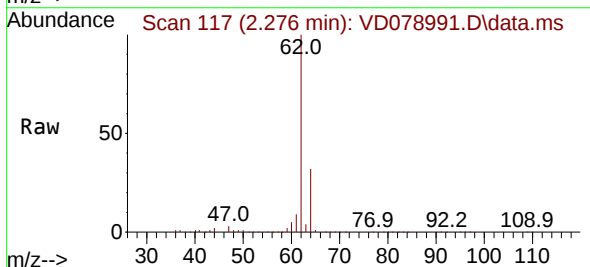
Manual Integrations
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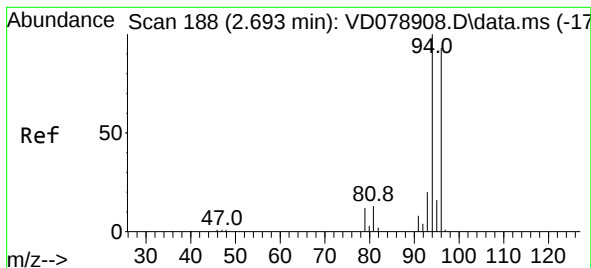
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#4
Vinyl Chloride
Concen: 61.224 ug/l
RT: 2.276 min Scan# 117
Delta R.T. -0.011 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion: 62 Resp: 165286
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5





#5

Bromomethane

Concen: 49.363 ug/l

RT: 2.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 12867

Ion Ratio Lower Upper

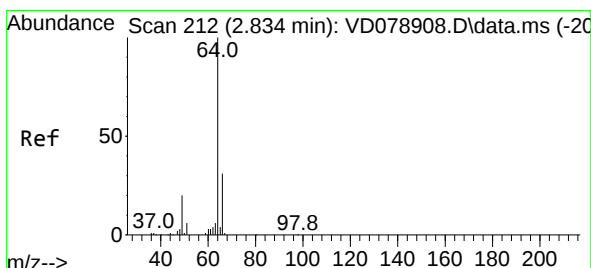
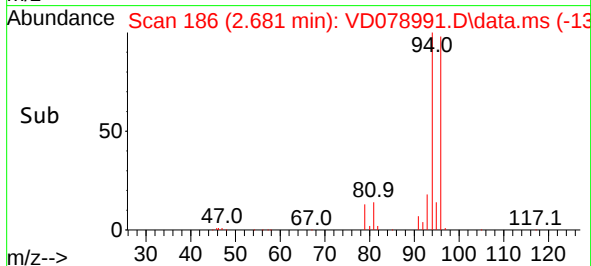
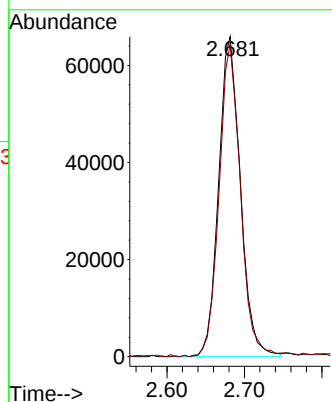
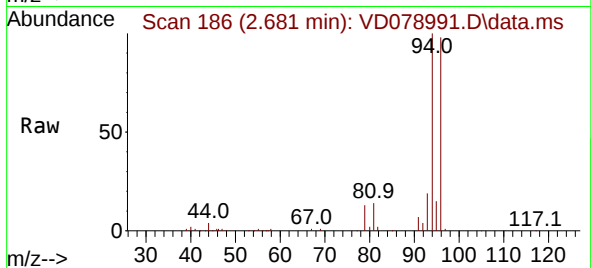
94 100

96 96.3 76.9 115.3

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/23/2024



#6

Chloroethane

Concen: 52.872 ug/l

RT: 2.828 min Scan# 211

Delta R.T. -0.005 min

Lab File: VD078991.D

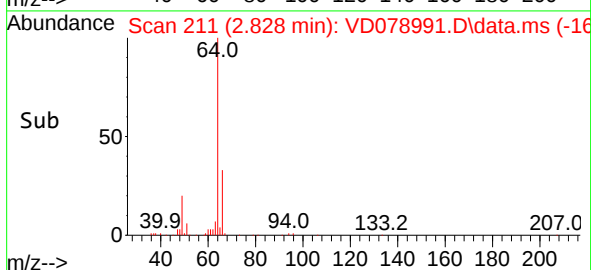
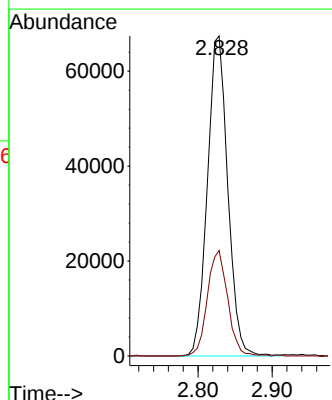
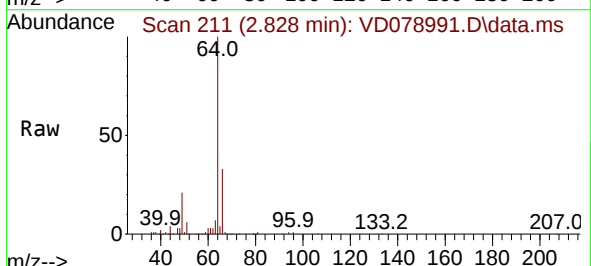
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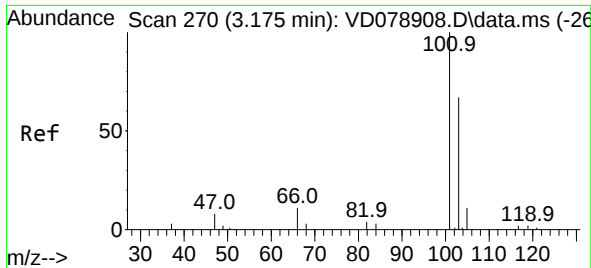
Tgt Ion: 64 Resp: 128713

Ion Ratio Lower Upper

64 100

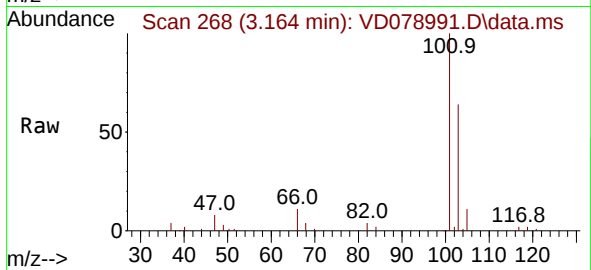
66 33.0 24.5 36.7





#7
Trichlorofluoromethane
Concen: 38.332 ug/l
RT: 3.164 min Scan# 268
Delta R.T. -0.011 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

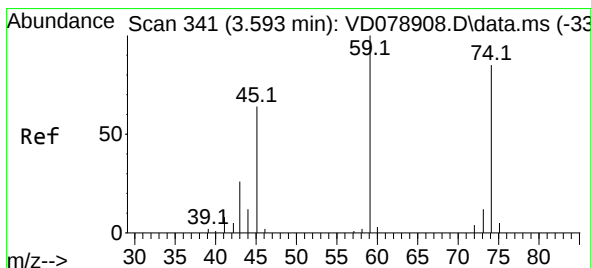
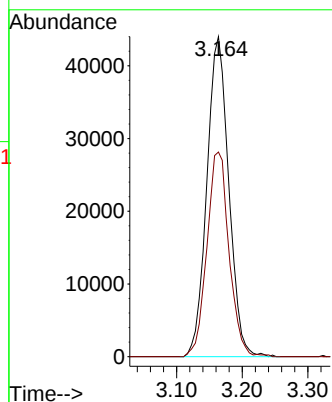
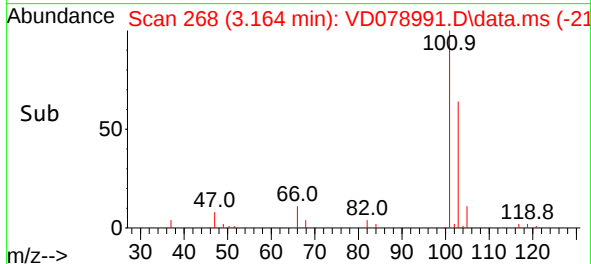
Instrument :
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Tgt Ion:101 Resp: 102174
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8

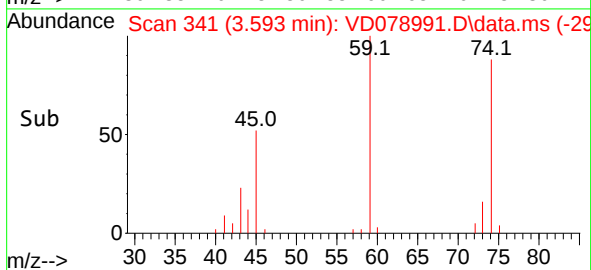
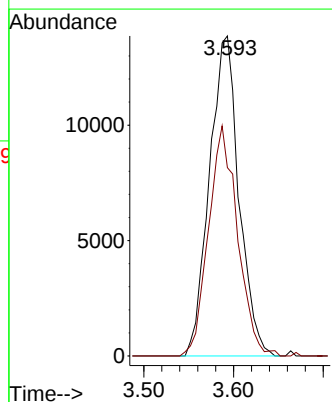
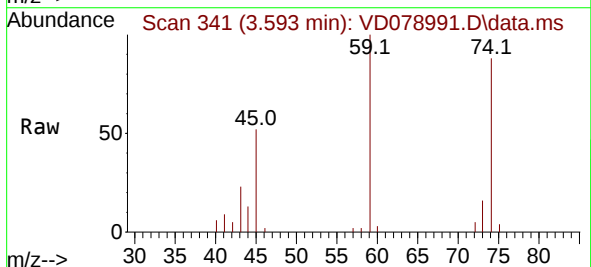
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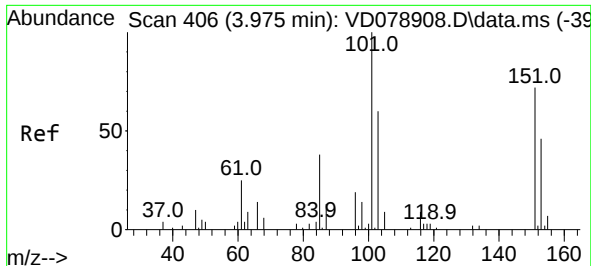
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#8
Diethyl Ether
Concen: 52.362 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

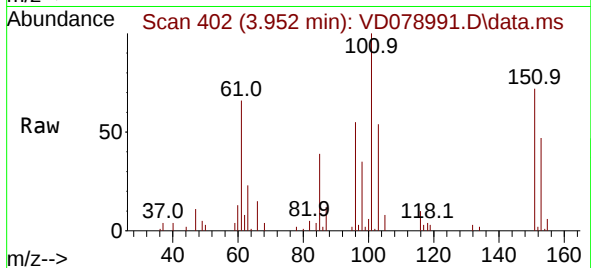
Tgt Ion: 74 Resp: 31624
Ion Ratio Lower Upper
74 100
45 70.7 37.9 113.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.835 ug/l
RT: 3.952 min Scan# 406
Delta R.T. -0.023 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

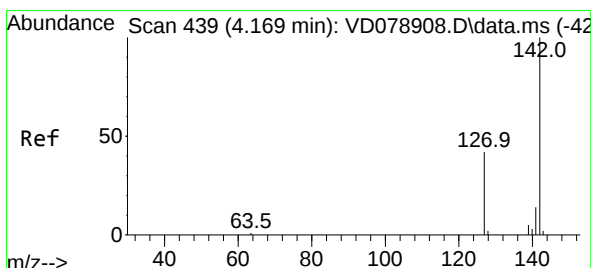
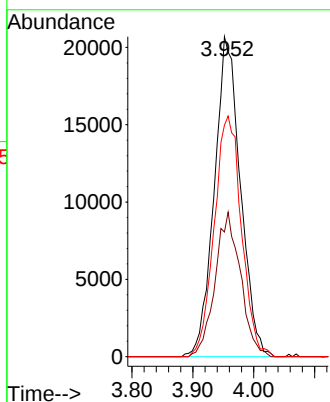
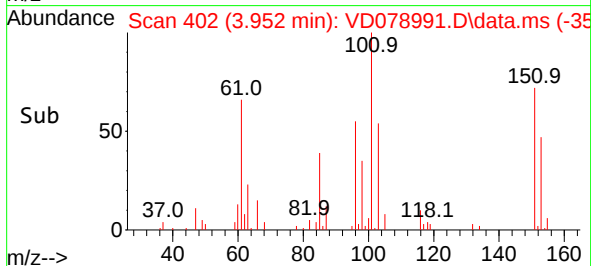
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 61700
Ion Ratio Lower Upper
101 100
85 43.8 33.5 50.3
151 78.1 60.3 90.5

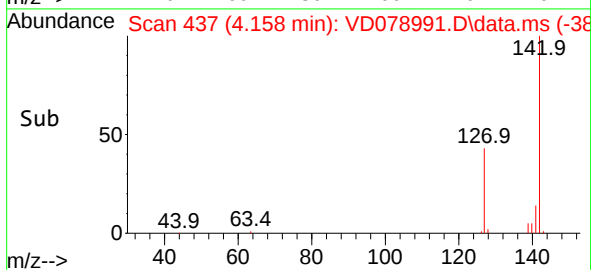
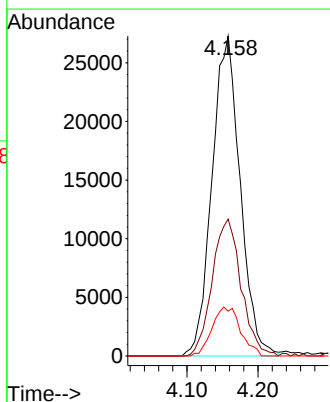
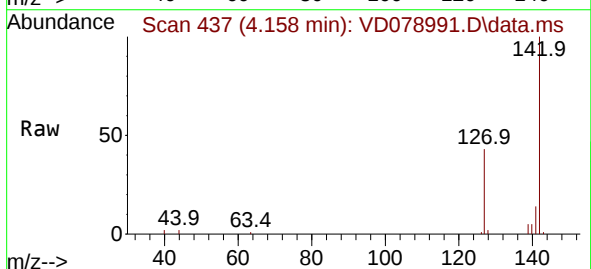
Manual Integrations
APPROVED

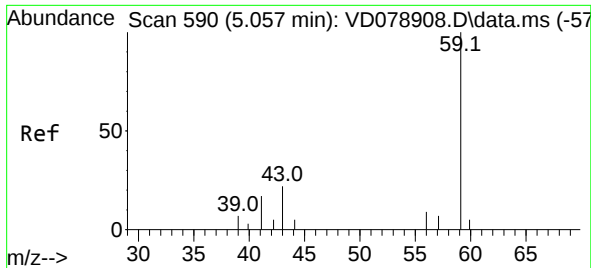
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#10
Methyl Iodide
Concen: 44.621 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

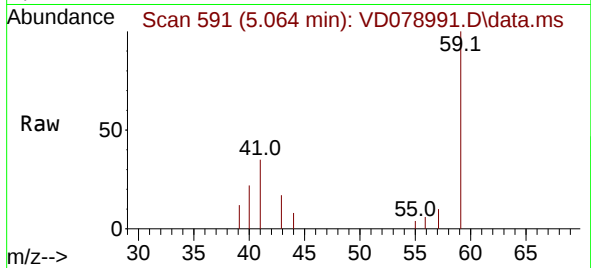
Tgt Ion:142 Resp: 75035
Ion Ratio Lower Upper
142 100
127 44.0 34.2 51.4
141 15.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 253.344 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.007 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

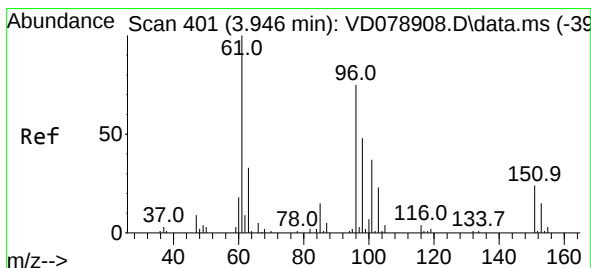
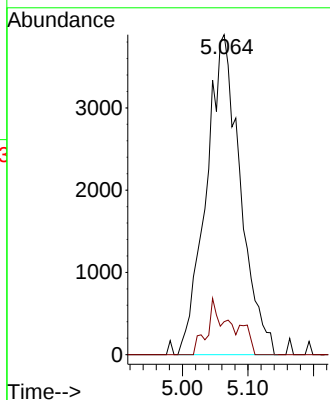
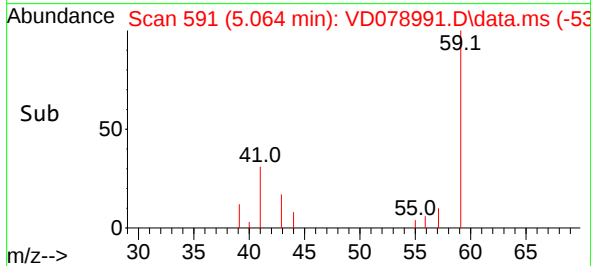
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



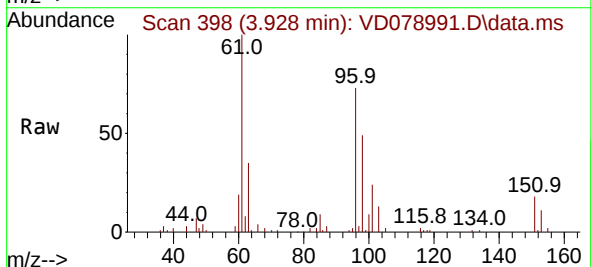
Tgt Ion: 59 Resp: 14064
Ion Ratio Lower Upper
59 100
57 9.6 3.6 5.4

Manual Integrations
APPROVED

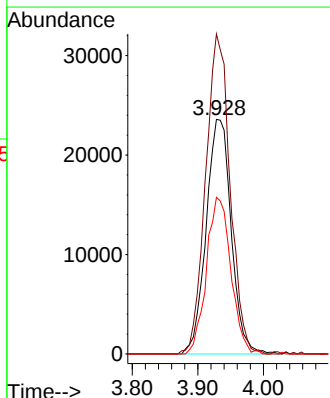
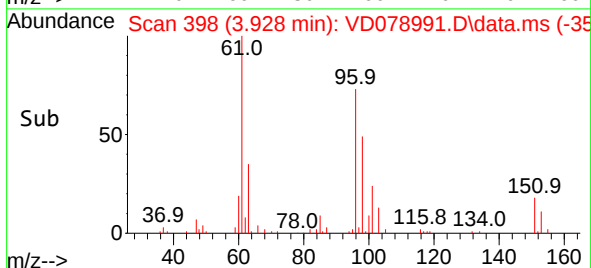
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

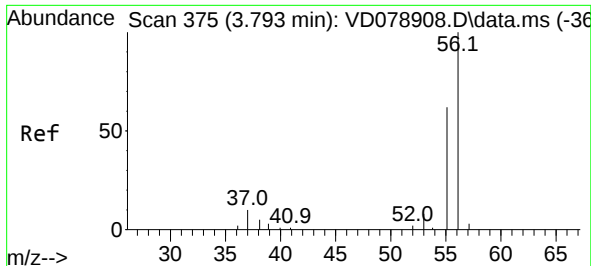


#12
1,1-Dichloroethene
Concen: 45.437 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.017 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40



Tgt Ion: 96 Resp: 62603
Ion Ratio Lower Upper
96 100
61 136.4 107.3 160.9
98 66.8 51.7 77.5





#13

Acrolein

Concen: 136.804 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 1738

Ion Ratio Lower Upper

56 100

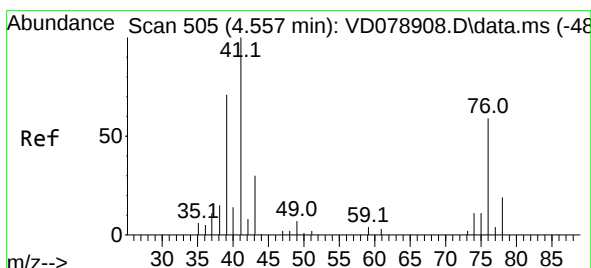
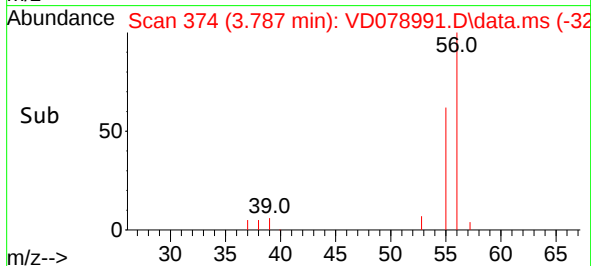
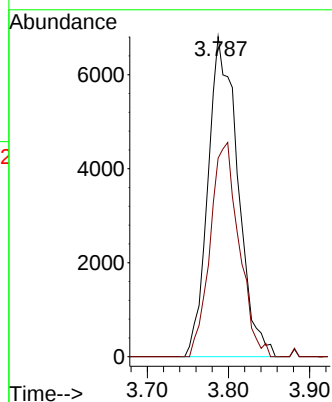
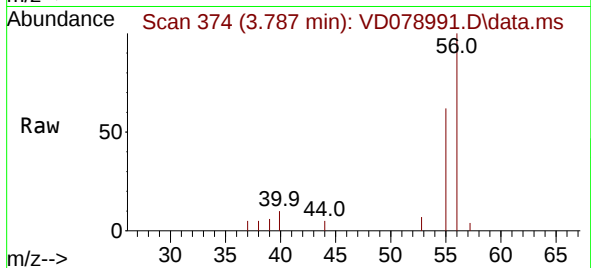
55 64.7 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024

Supervised By :Semsettin Yesilyurt 05/23/2024



#14

Allyl chloride

Concen: 48.674 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

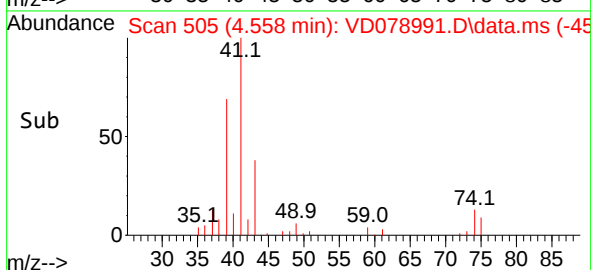
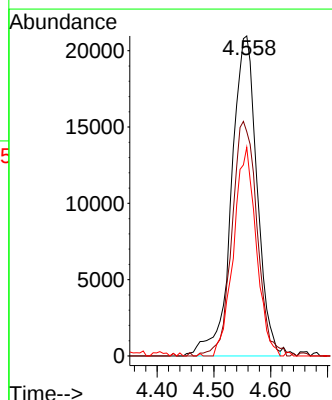
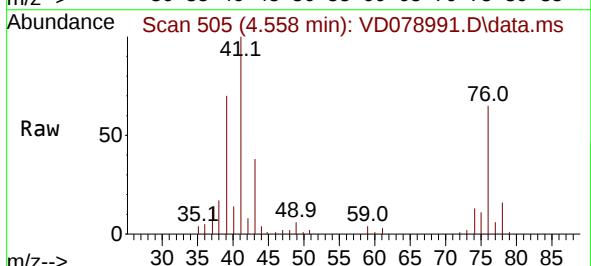
Tgt Ion: 41 Resp: 65439

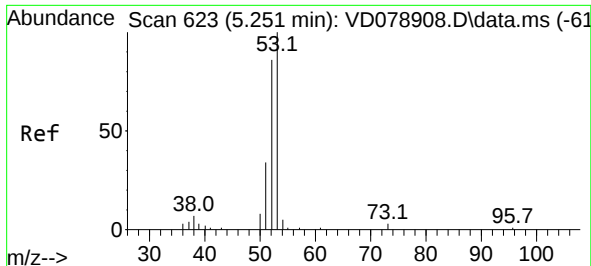
Ion Ratio Lower Upper

41 100

39 72.1 58.0 87.0

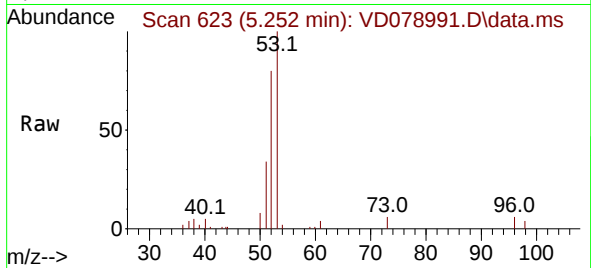
76 57.6 45.9 68.9





#15
Acrylonitrile
Concen: 256.330 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

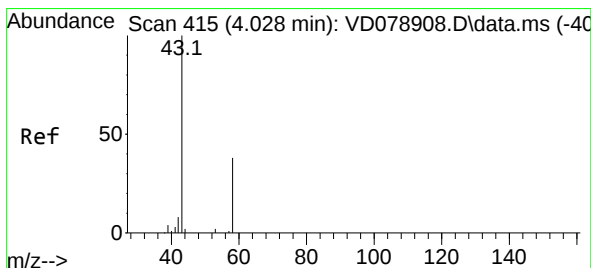
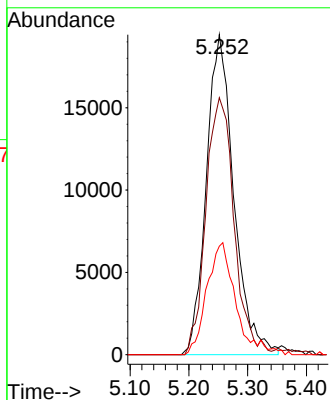
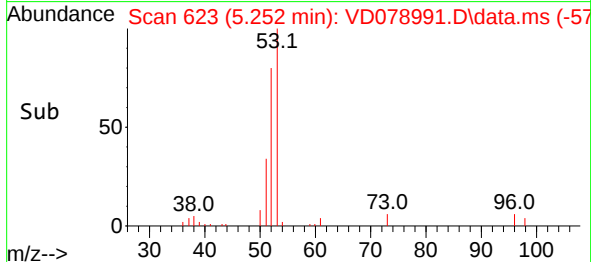
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 6325
Ion Ratio Lower Upper
53 100
52 82.2 67.7 101.5
51 36.6 28.6 42.8

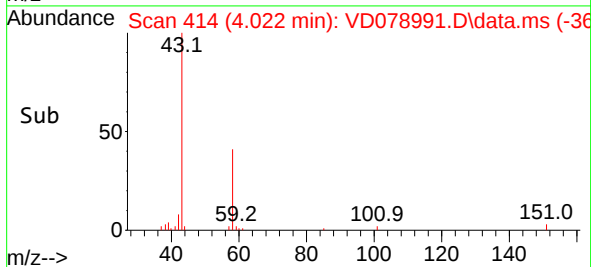
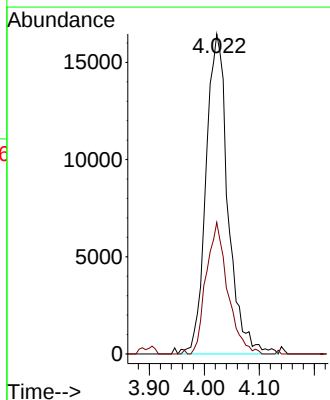
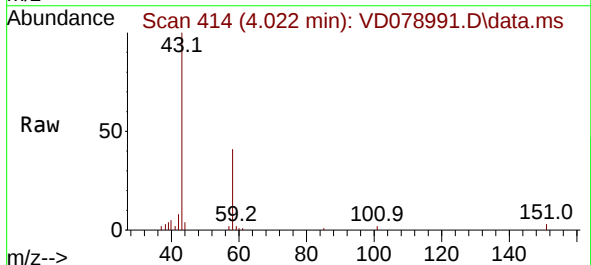
Manual Integrations
APPROVED

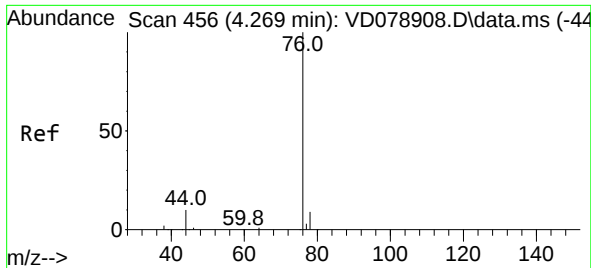
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#16
Acetone
Concen: 226.017 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

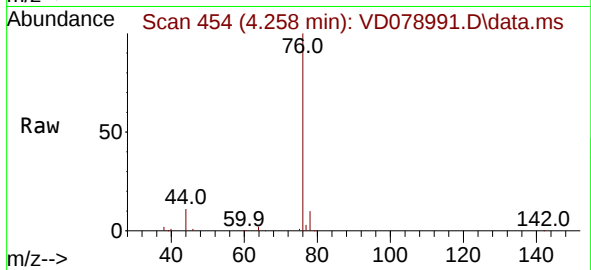
Tgt Ion: 43 Resp: 46007
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6





#17
Carbon Disulfide
Concen: 50.455 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

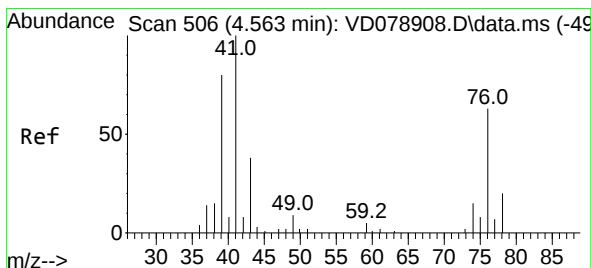
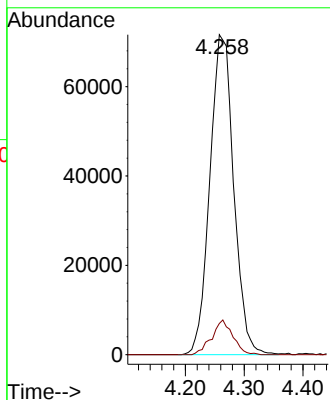
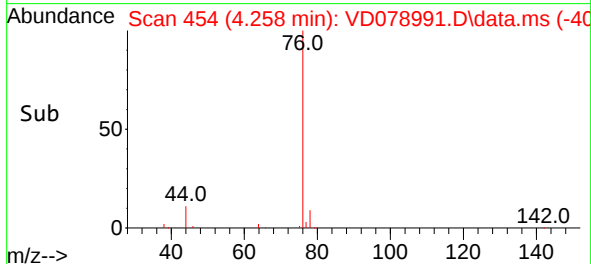
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 20223
Ion Ratio Lower Upper
76 100
78 9.8 6.9 10.3

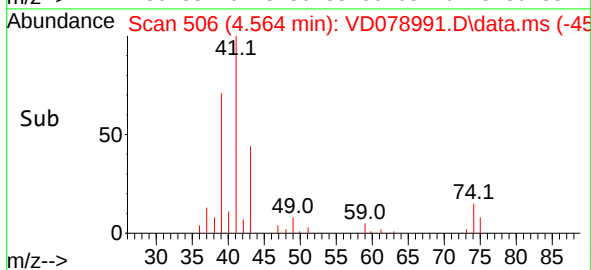
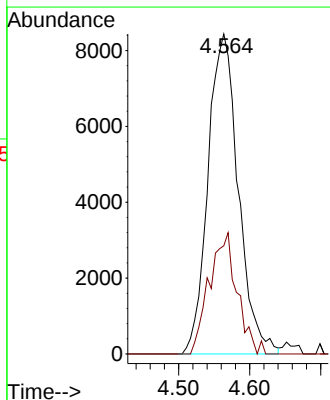
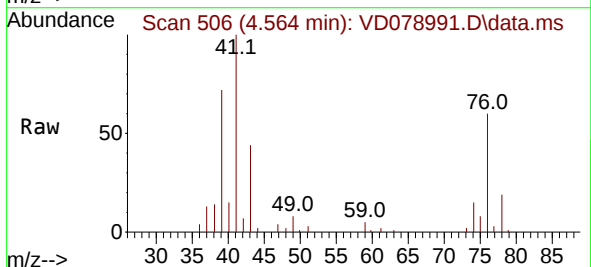
Manual Integrations
APPROVED

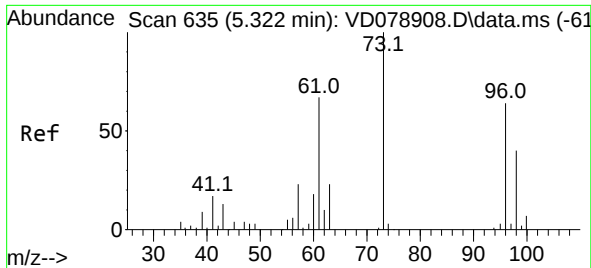
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#18
Methyl Acetate
Concen: 53.351 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion: 43 Resp: 25005
Ion Ratio Lower Upper
43 100
74 34.6 28.1 42.1





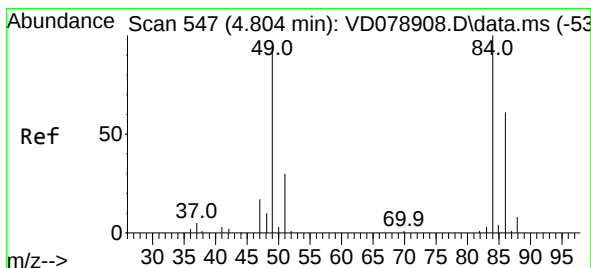
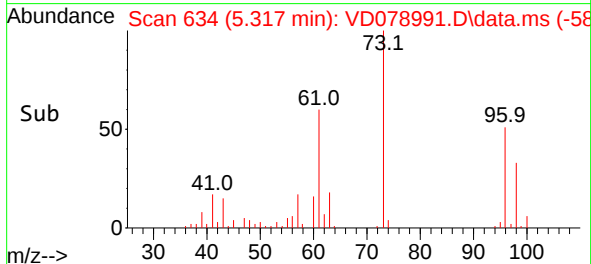
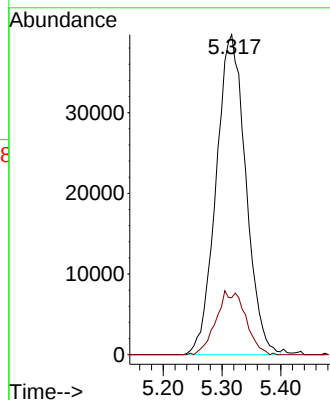
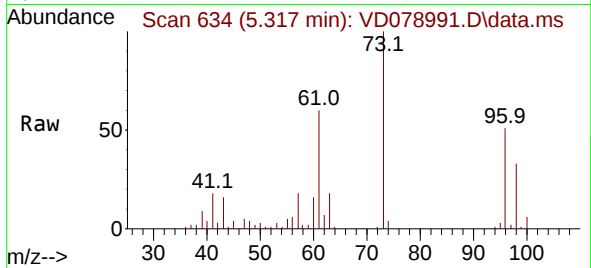
#19
Methyl tert-butyl Ether
Concen: 51.766 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 138972
Ion Ratio Lower Upper
73 100
57 17.8 18.3 27.5

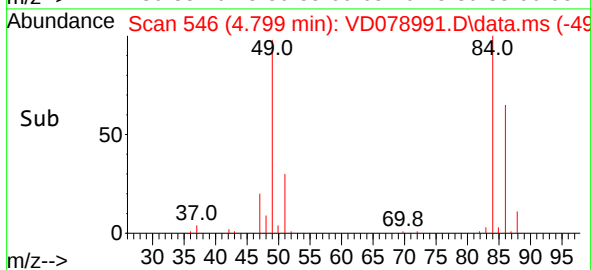
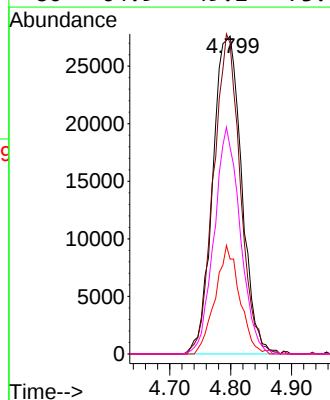
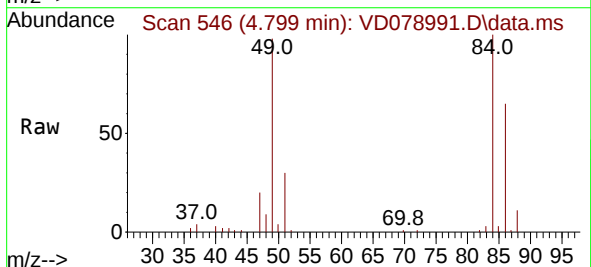
Manual Integrations
APPROVED

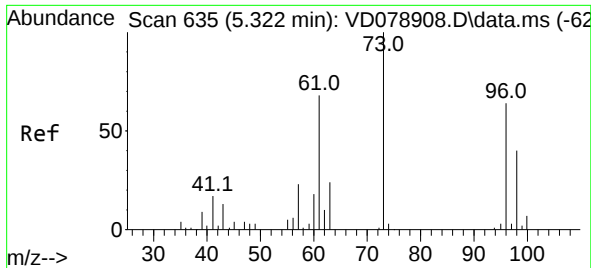
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#20
Methylene Chloride
Concen: 56.922 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

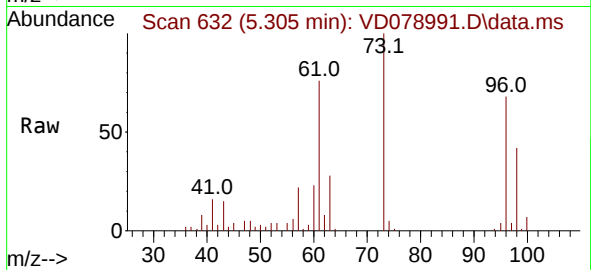
Tgt Ion: 84 Resp: 90870
Ion Ratio Lower Upper
84 100
49 97.7 75.6 113.4
51 29.8 24.2 36.2
86 64.9 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 48.826 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.017 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

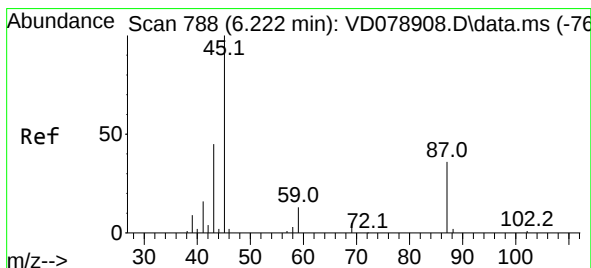
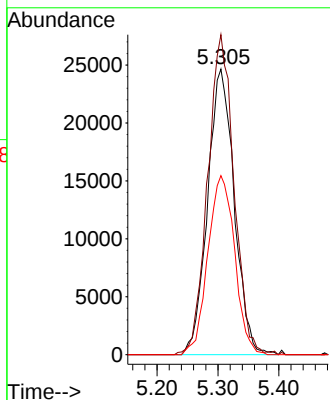
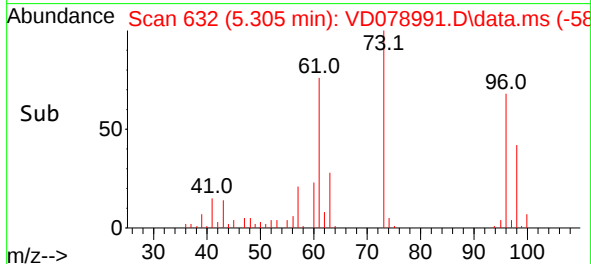
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



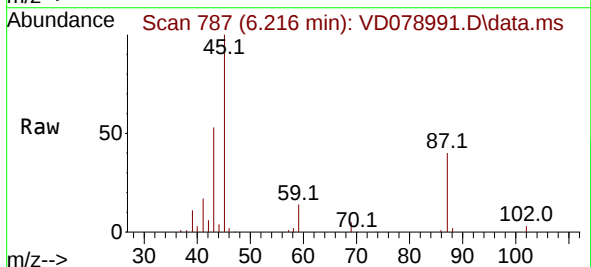
Tgt Ion: 96 Resp: 7498
Ion Ratio Lower Upper
96 100
61 112.1 84.5 126.7
98 62.7 50.5 75.7

Manual Integrations
APPROVED

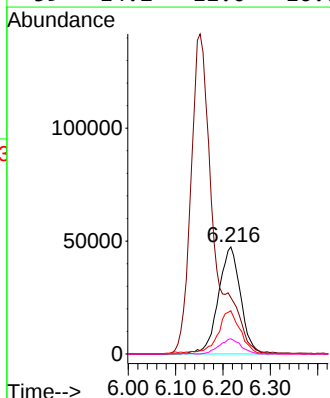
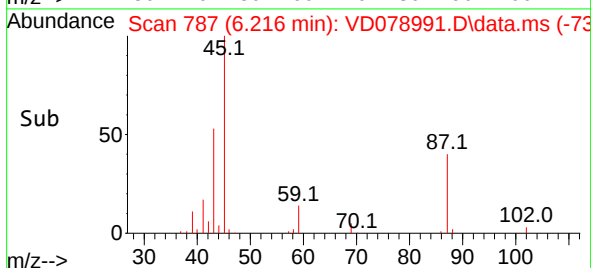
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

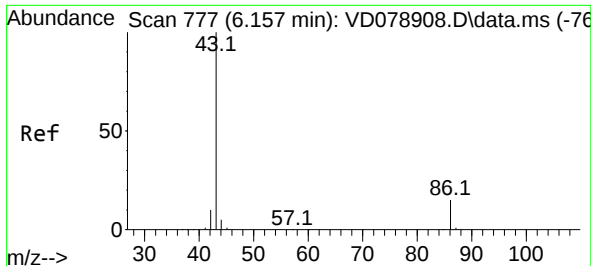


#22
Diisopropyl ether
Concen: 50.769 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40



Tgt Ion: 45 Resp: 154378
Ion Ratio Lower Upper
45 100
43 51.8 41.7 62.5
87 40.3 30.2 45.2
59 14.2 11.0 16.6





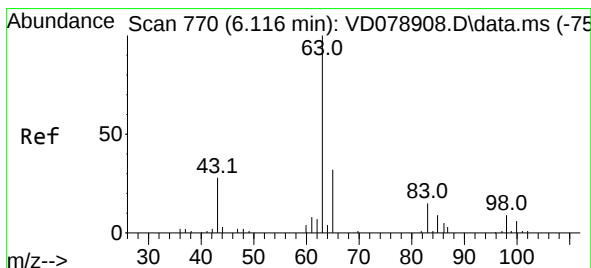
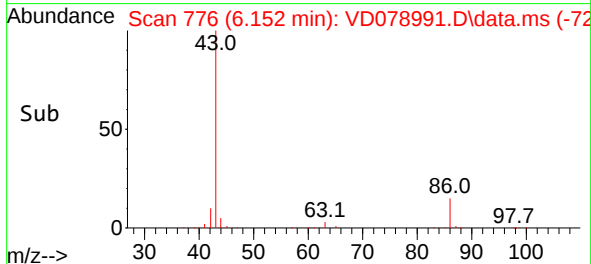
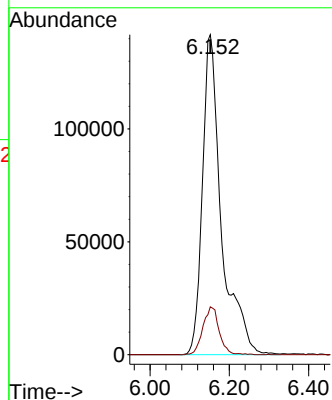
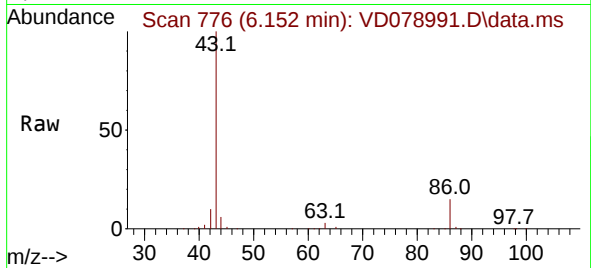
#23
 Vinyl Acetate
 Concen: 259.055 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078991.D
 Acq: 22 May 2024 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 472472
 Ion Ratio Lower Upper
 43 100
 86 15.0 12.3 18.5

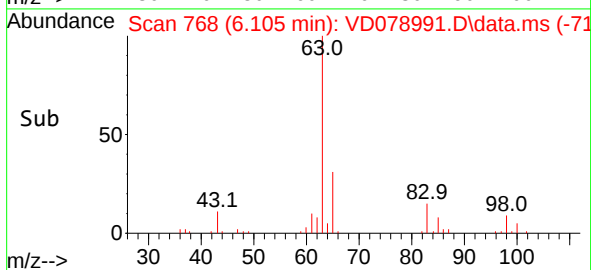
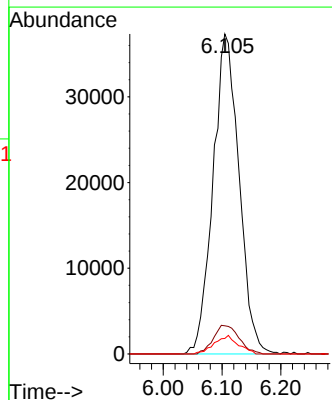
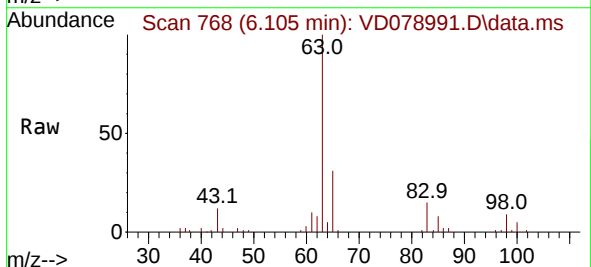
Manual Integrations
 APPROVED

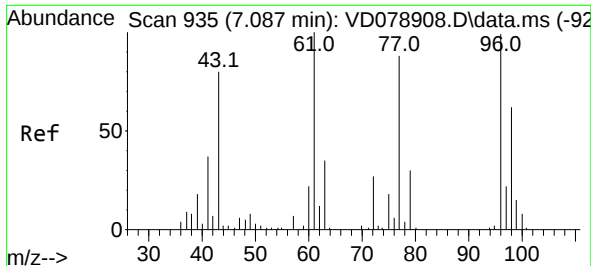
Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024



#24
 1,1-Dichloroethane
 Concen: 47.611 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD078991.D
 Acq: 22 May 2024 20:40

Tgt Ion: 63 Resp: 114768
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.7 14.0
 100 4.9 2.9 8.6





#25

2-Butanone

Concen: 247.736 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.011 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 67440

Ion Ratio Lower Upper

43 100

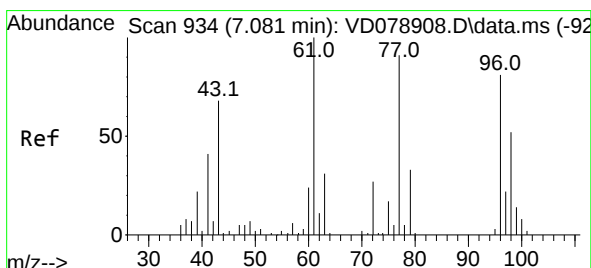
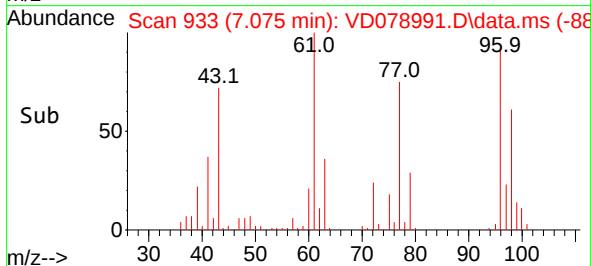
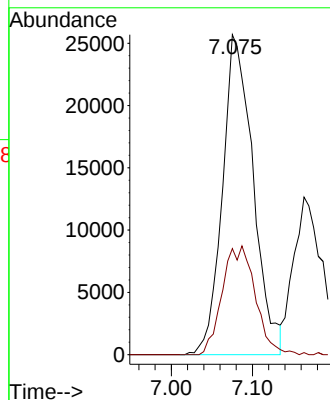
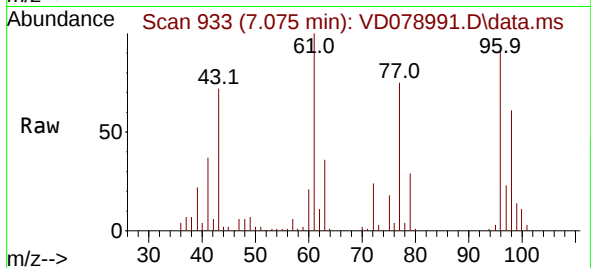
72 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024

Supervised By :Semsettin Yesilyurt 05/23/2024



#26

2,2-Dichloropropane

Concen: 42.580 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.011 min

Lab File: VD078991.D

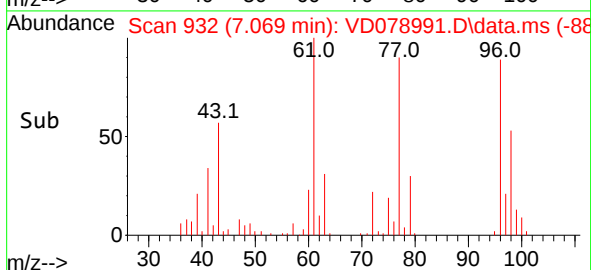
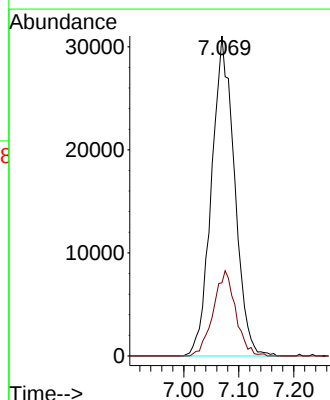
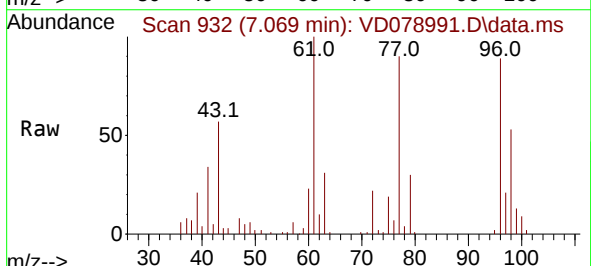
Acq: 22 May 2024 20:40

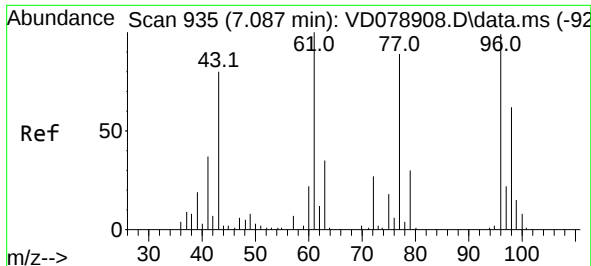
Tgt Ion: 77 Resp: 90200

Ion Ratio Lower Upper

77 100

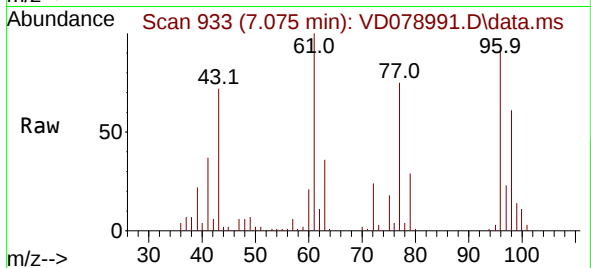
97 26.0 12.4 37.2





#27
cis-1,2-Dichloroethene
Concen: 48.051 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.011 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

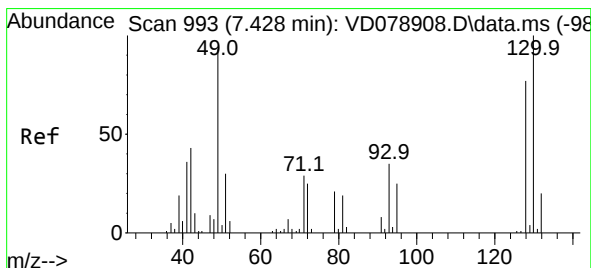
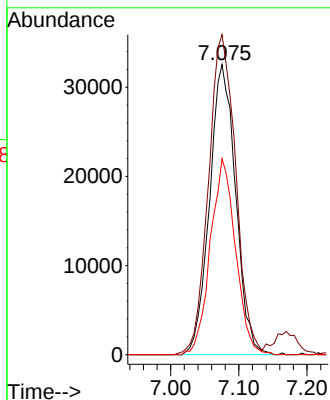
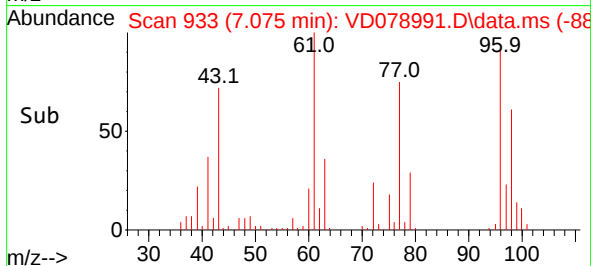
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 86650
Ion Ratio Lower Upper
96 100
61 115.1 0.0 229.0
98 65.2 0.0 127.2

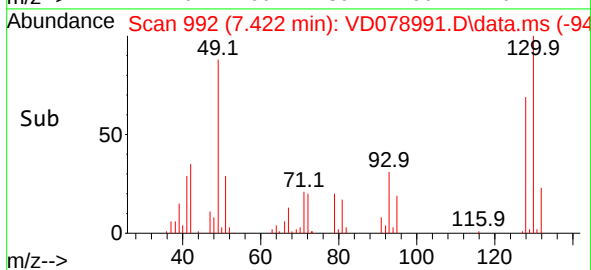
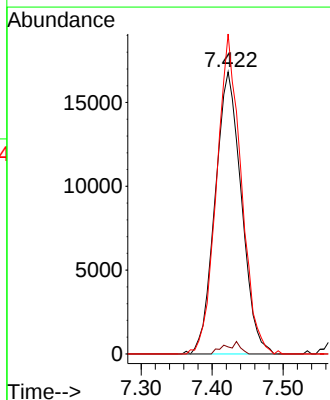
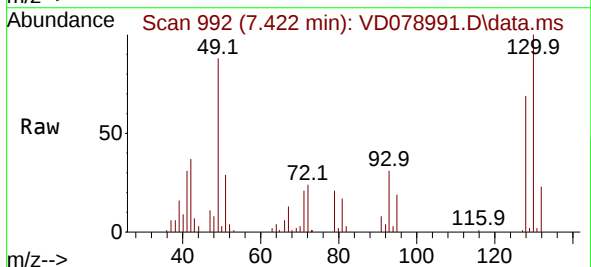
Manual Integrations
APPROVED

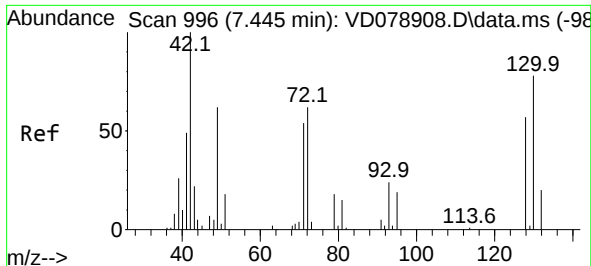
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#28
Bromochloromethane
Concen: 53.765 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion: 49 Resp: 43222
Ion Ratio Lower Upper
49 100
129 2.6 0.0 7.0
130 106.3 87.7 131.5





#29

Tetrahydrofuran

Concen: 281.992 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.005 min

Lab File: VD078991.D

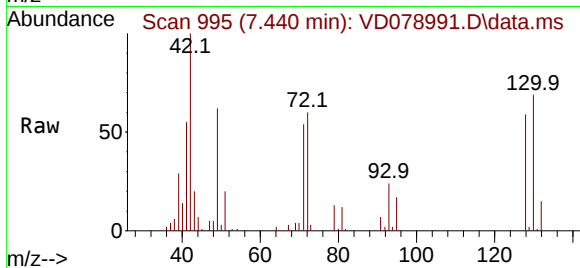
Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



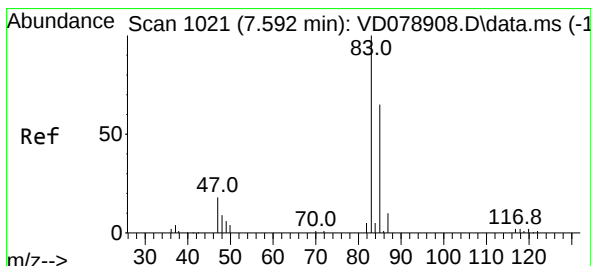
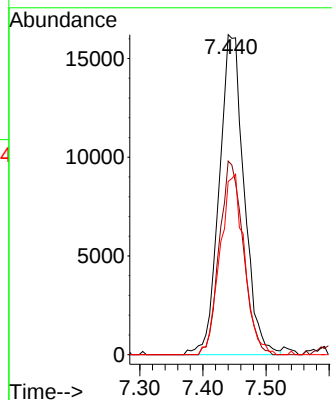
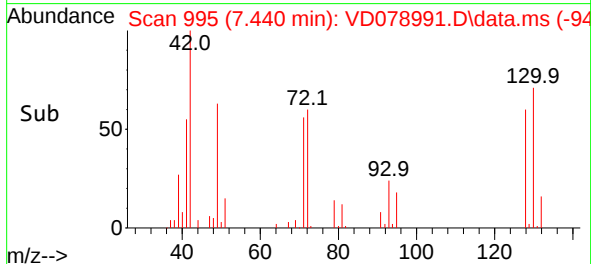
Tgt Ion: 42 Resp: 4440

Ion	Ratio	Lower	Upper
42	100		
72	58.0	49.4	74.0
71	55.4	45.0	67.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#30

Chloroform

Concen: 48.473 ug/l

RT: 7.593 min Scan# 1021

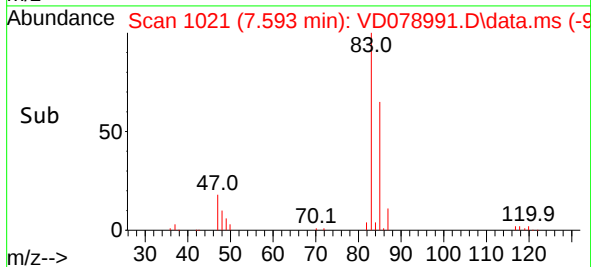
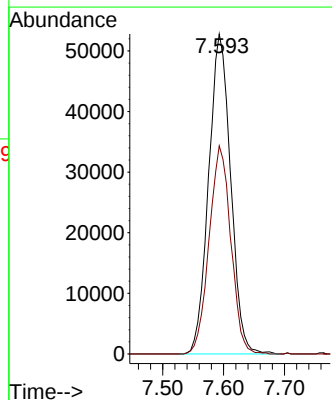
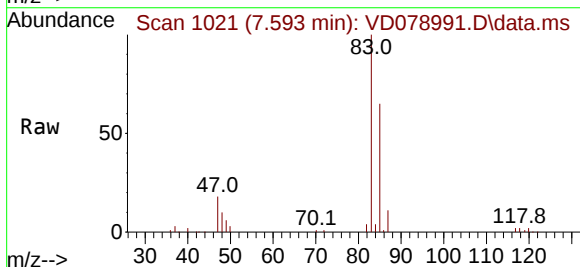
Delta R.T. 0.001 min

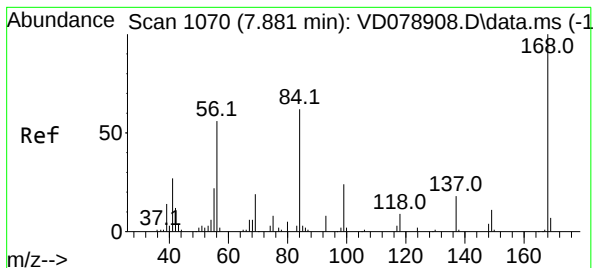
Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion: 83 Resp: 132343

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6





#31

Cyclohexane

Concen: 42.893 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 8000

Ion Ratio Lower Upper

56 100

69 40.9 28.0 42.0

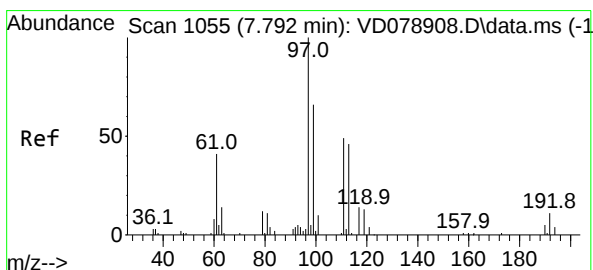
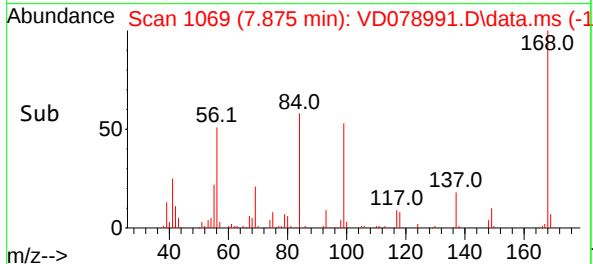
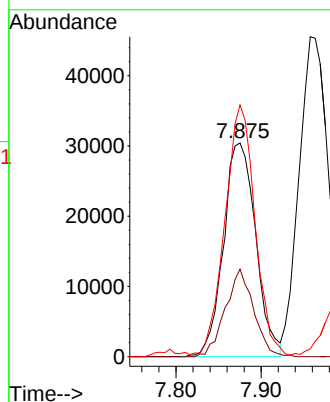
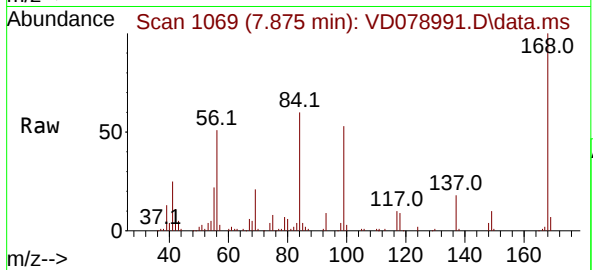
84 116.4 87.4 131.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024

Supervised By :Semsettin Yesilyurt 05/23/2024



#32

1,1,1-Trichloroethane

Concen: 46.352 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

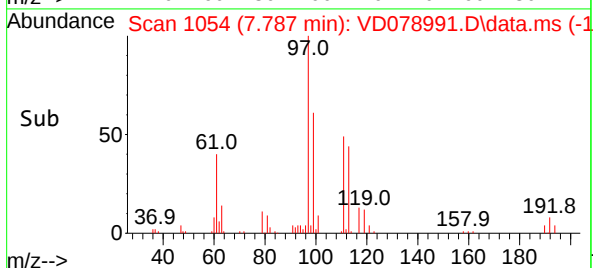
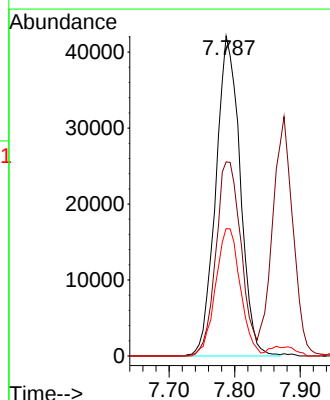
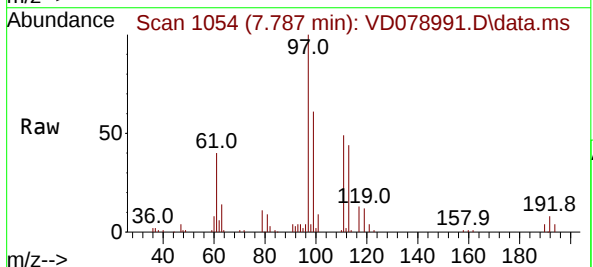
Tgt Ion: 97 Resp: 108378

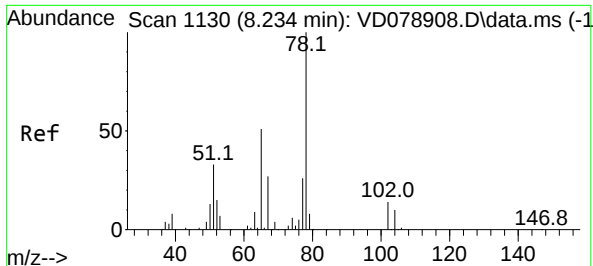
Ion Ratio Lower Upper

97 100

99 62.7 51.3 76.9

61 40.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 57.169 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7298

Ion Ratio Lower Upper

65 100

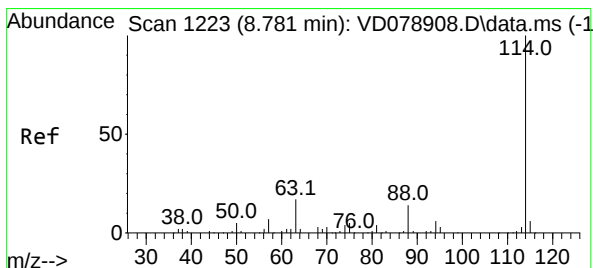
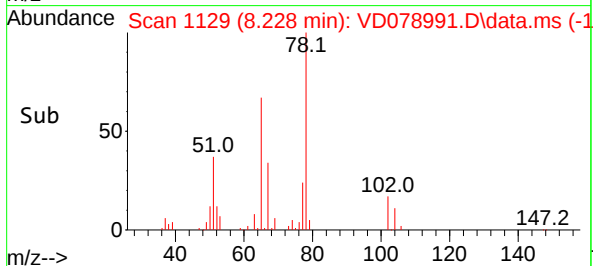
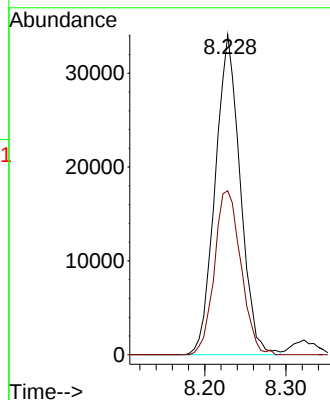
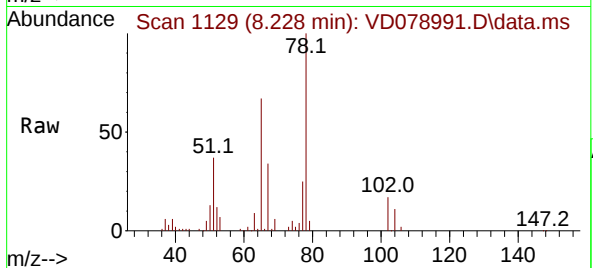
67 54.3 0.0 111.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024

Supervised By :Semsettin Yesilyurt 05/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

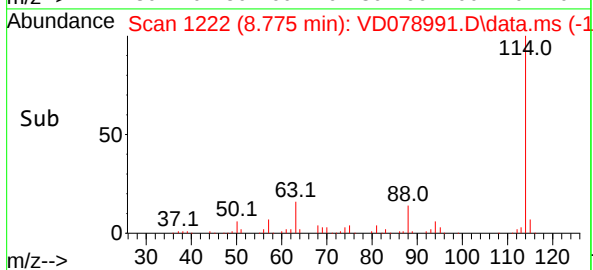
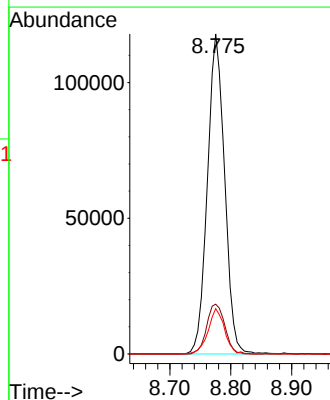
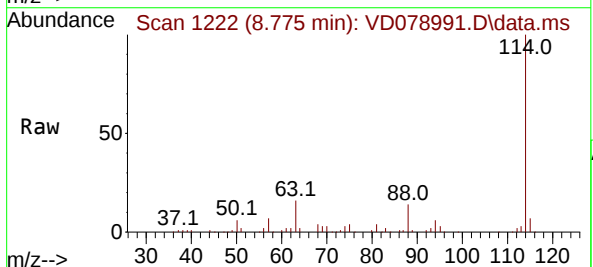
Tgt Ion:114 Resp: 231424

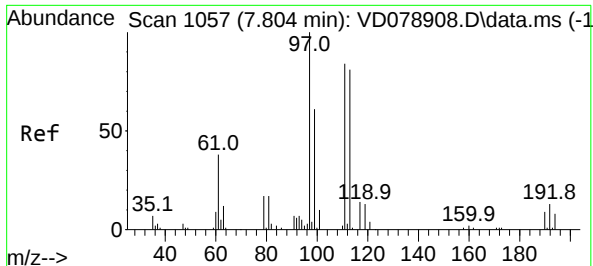
Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.007 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

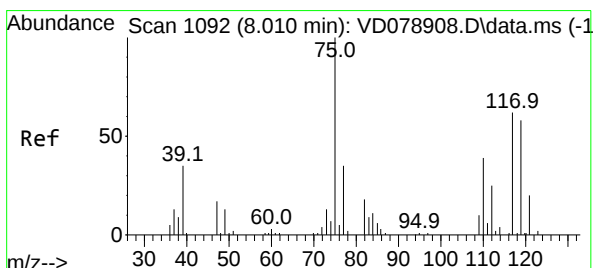
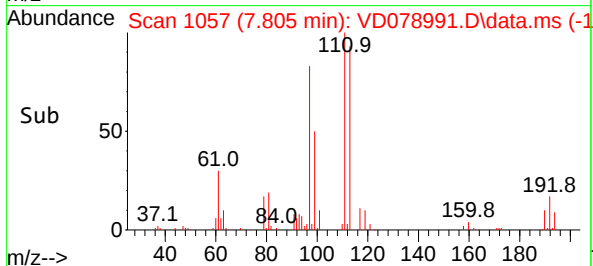
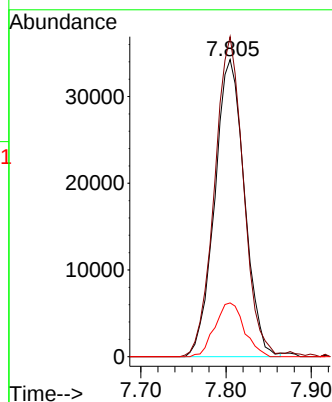
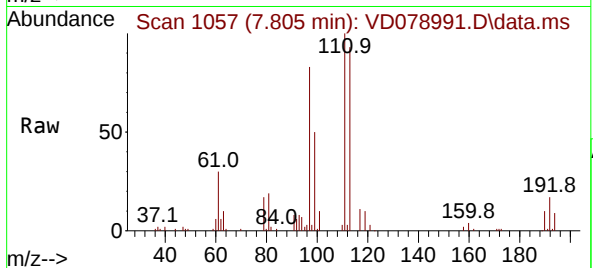
VSTDCCC050EC

Tgt Ion:	113	Resp:	8319
Ion	Ratio	Lower	Upper
113	100		
111	104.6	84.0	126.0
192	17.9	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#36

1,1-Dichloropropene

Concen: 45.151 ug/l

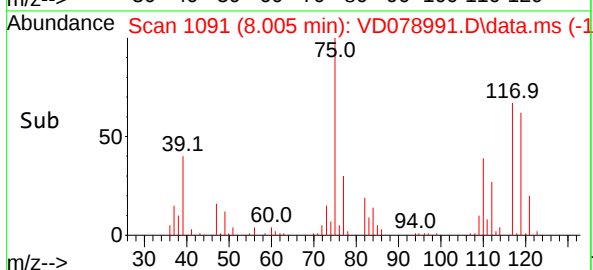
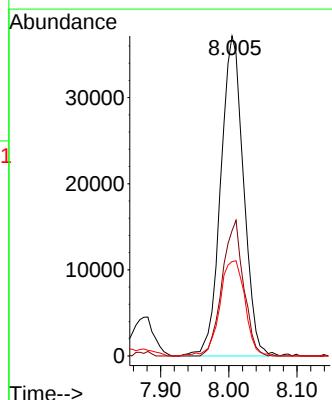
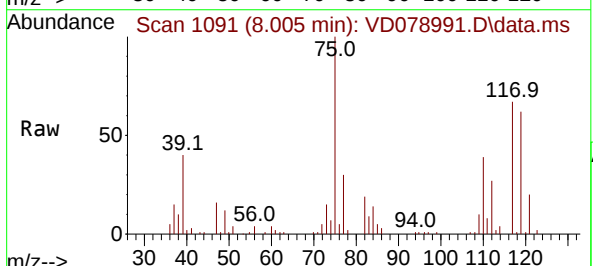
RT: 8.005 min Scan# 1091

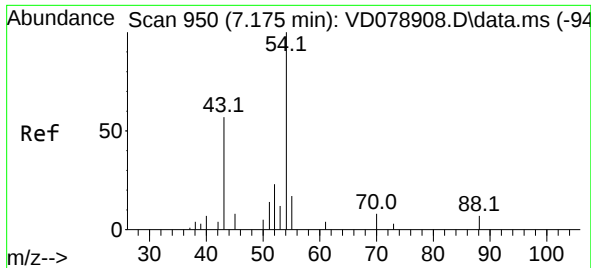
Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion:	75	Resp:	86556
Ion	Ratio	Lower	Upper
75	100		
110	39.6	19.6	58.7
77	32.8	26.1	39.1





#37

Ethyl Acetate

Concen: 47.885 ug/l

RT: 7.164 min Scan# 94

Delta R.T. -0.011 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

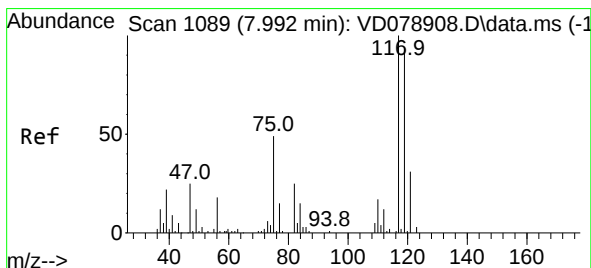
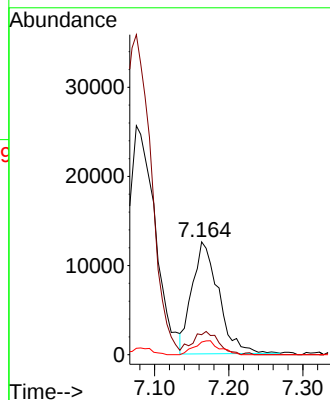
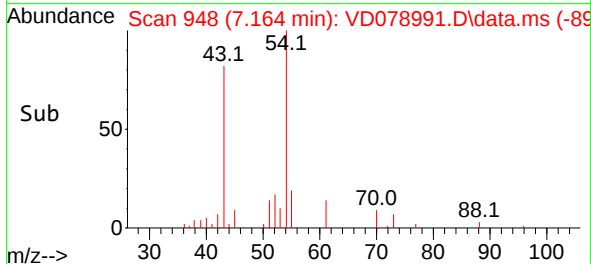
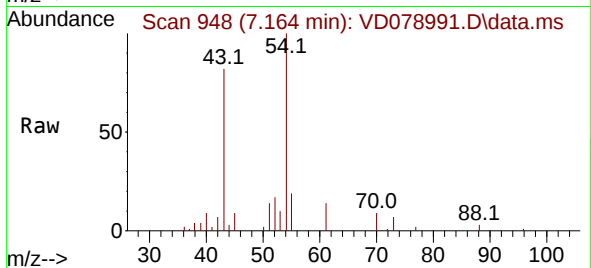
Tgt Ion: 43 Resp: 31284

Ion	Ratio	Lower	Upper
43	100		
61	20.4	13.9	20.9
70	11.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#38

Carbon Tetrachloride

Concen: 43.856 ug/l

RT: 7.993 min Scan# 1089

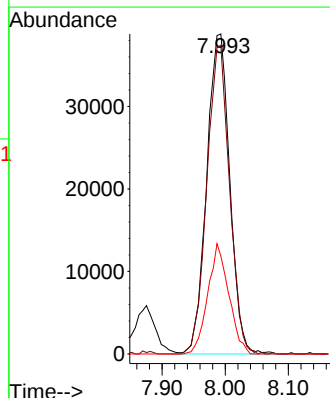
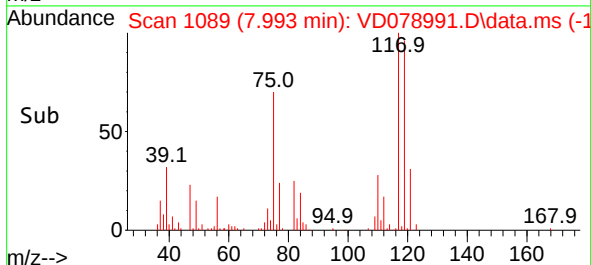
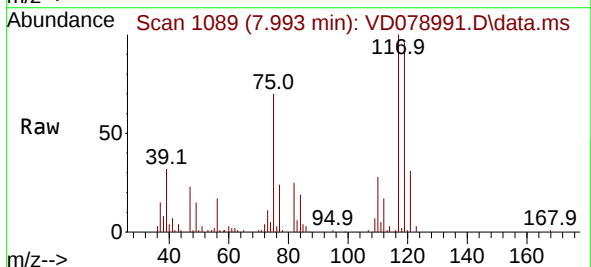
Delta R.T. 0.001 min

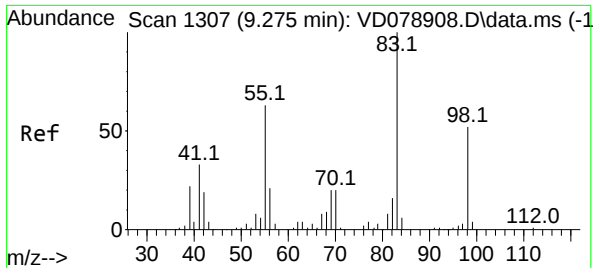
Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion:117 Resp: 98387

Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
121	30.6	25.0	37.4





#39

Methylcyclohexane

Concen: 43.887 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

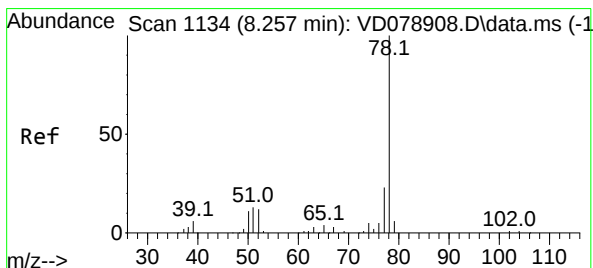
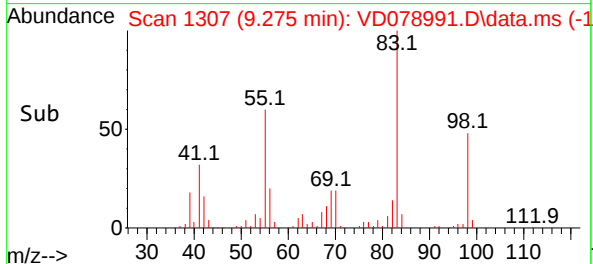
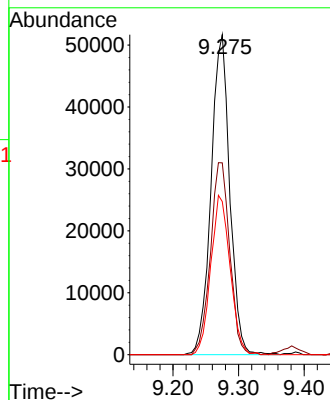
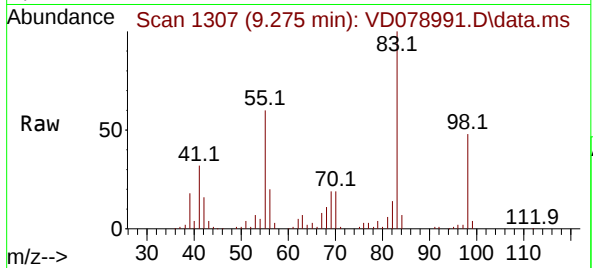
VSTDCCC050EC

Tgt Ion: 83 Resp: 102223
 Ion Ratio Lower Upper
 83 100
 55 60.0 50.1 75.1
 98 47.9 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024



#40

Benzene

Concen: 47.405 ug/l

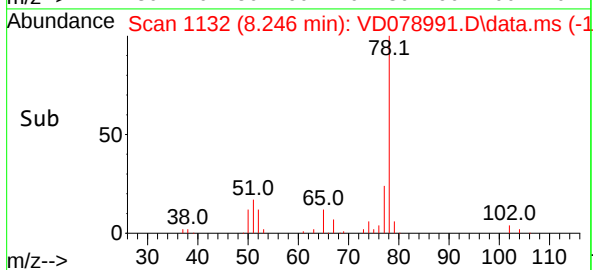
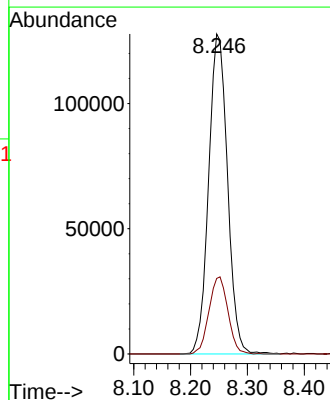
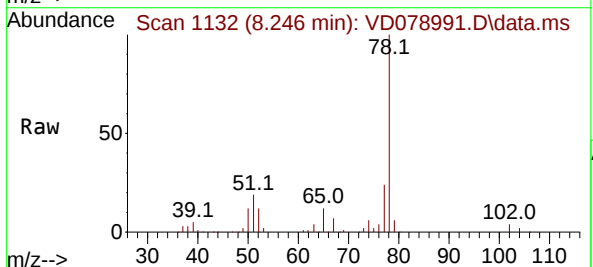
RT: 8.246 min Scan# 1132

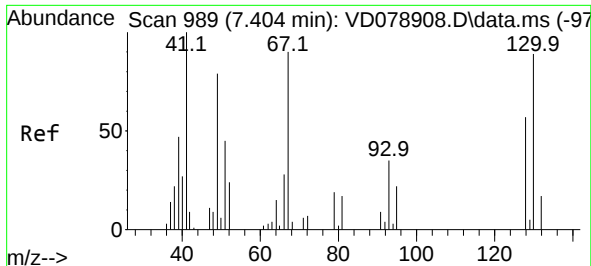
Delta R.T. -0.011 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion: 78 Resp: 293928
 Ion Ratio Lower Upper
 78 100
 77 23.6 18.1 27.1





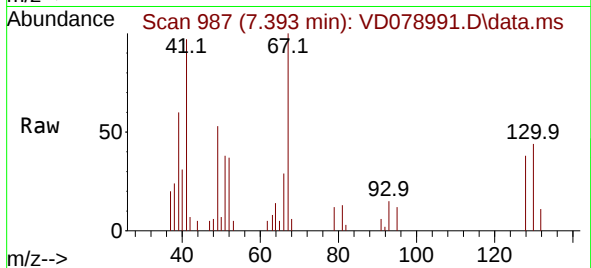
#41
Methacrylonitrile
Concen: 42.542 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

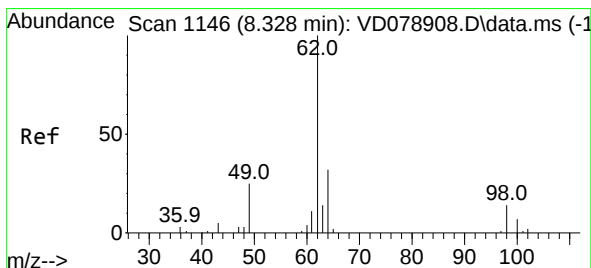
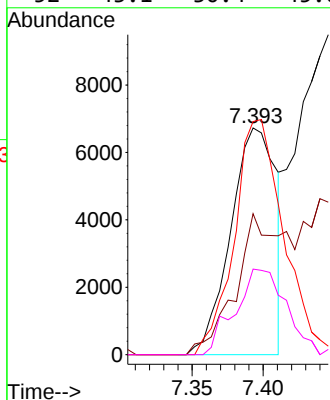
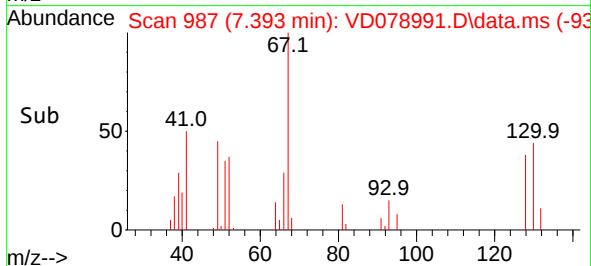


Tgt Ion: 41 Resp: 1495
Ion Ratio Lower Upper
41 100
39 71.3 41.4 62.0
67 113.8 85.8 128.6
52 43.1 30.4 45.6

Manual Integrations

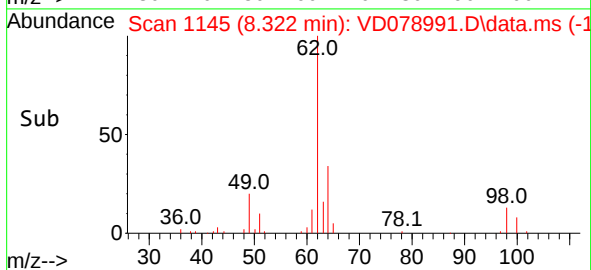
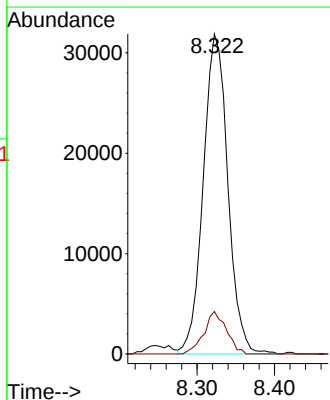
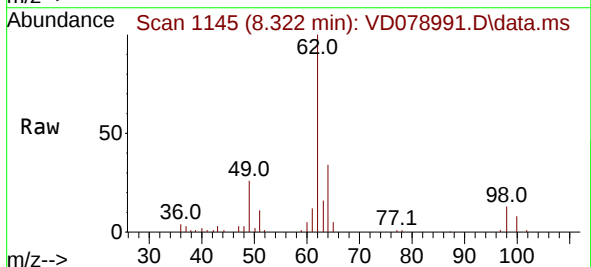
APPROVED

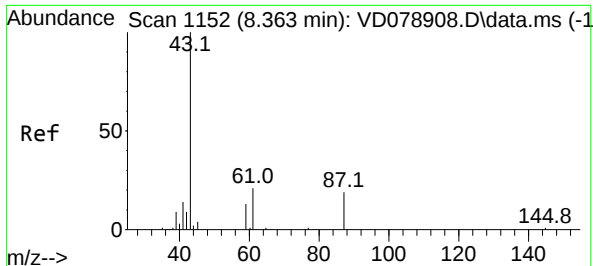
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#42
1,2-Dichloroethane
Concen: 46.872 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion: 62 Resp: 70346
Ion Ratio Lower Upper
62 100
98 12.2 0.0 25.8





#43

Isopropyl Acetate

Concen: 50.574 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

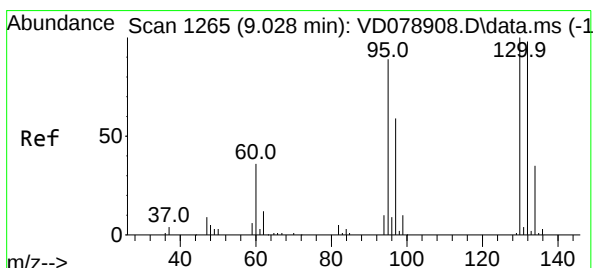
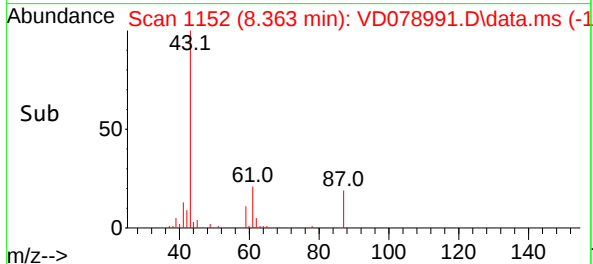
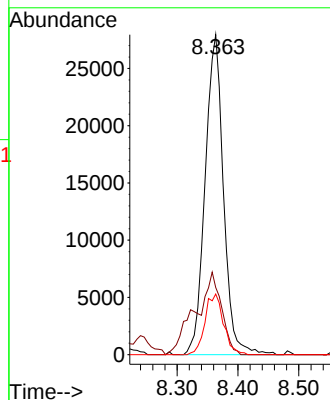
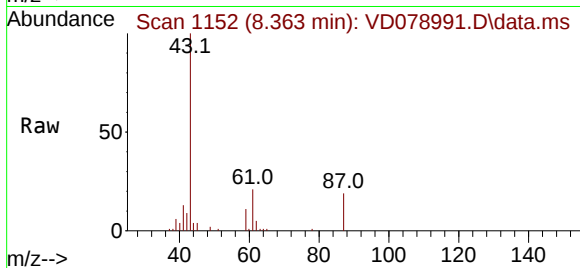
VSTDCCC050EC

Tgt Ion: 43	Resp: 58620
Ion Ratio	Lower Upper
43 100	
61 36.5	29.3 43.9
87 19.1	14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#44

Trichloroethene

Concen: 44.276 ug/l

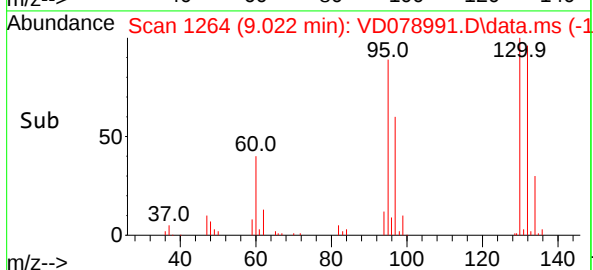
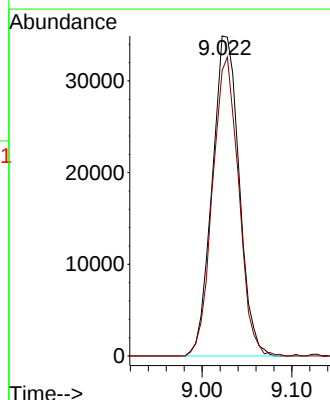
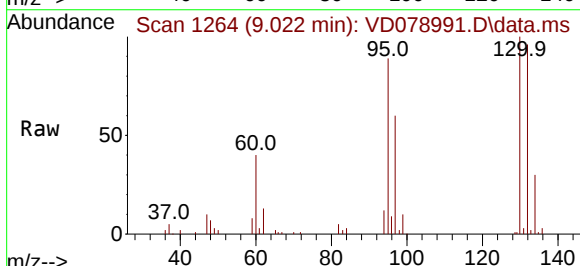
RT: 9.022 min Scan# 1264

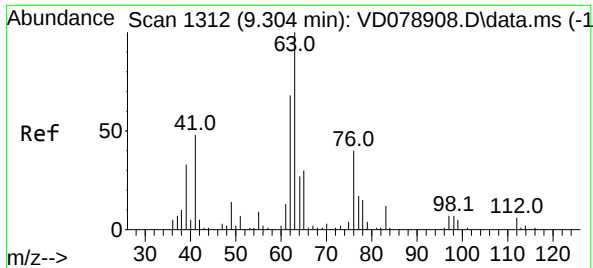
Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion:130	Resp: 72817
Ion Ratio	Lower Upper
130 100	
95 89.2	0.0 177.8





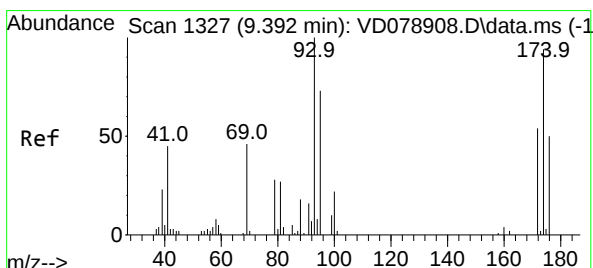
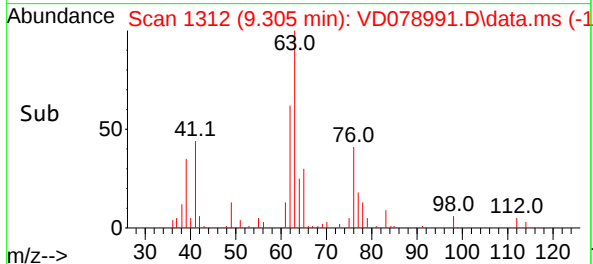
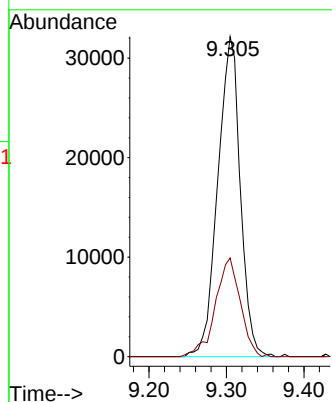
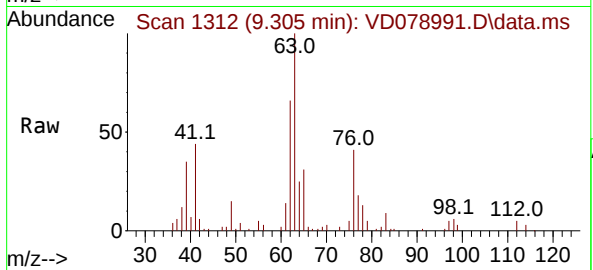
#45
1,2-Dichloropropane
Concen: 47.614 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 64875
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.8

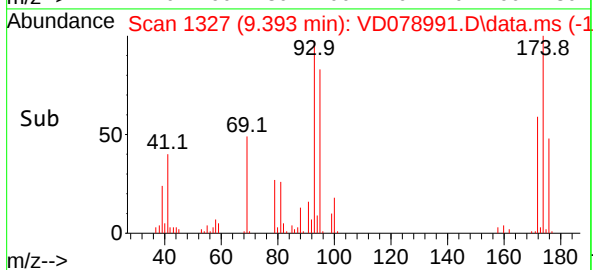
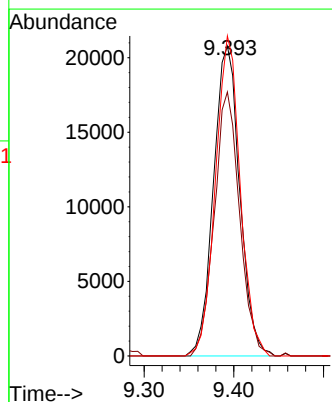
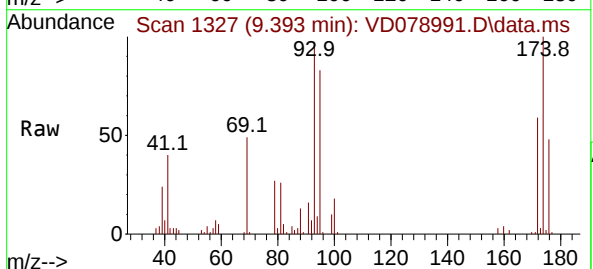
Manual Integrations
APPROVED

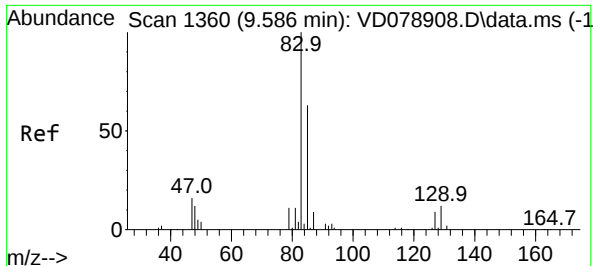
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#46
Dibromomethane
Concen: 47.029 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

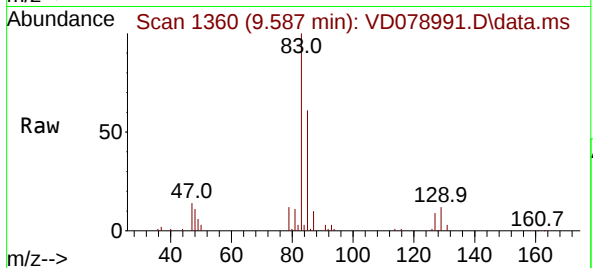
Tgt Ion: 93 Resp: 42183
Ion Ratio Lower Upper
93 100
95 82.3 65.6 98.4
174 97.3 82.3 123.5





#47
Bromodichloromethane
Concen: 46.355 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

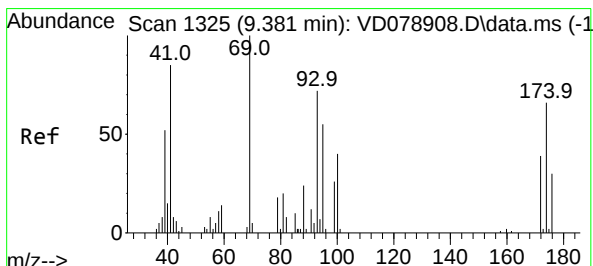
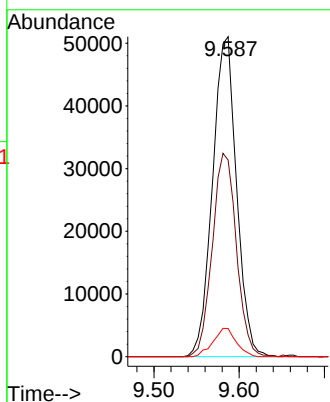
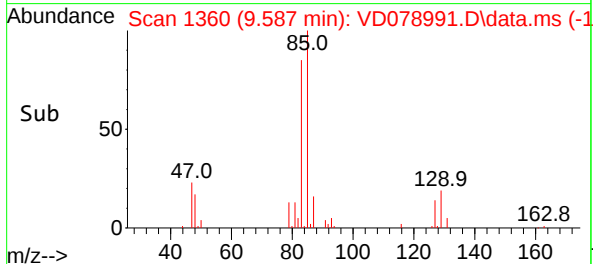
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



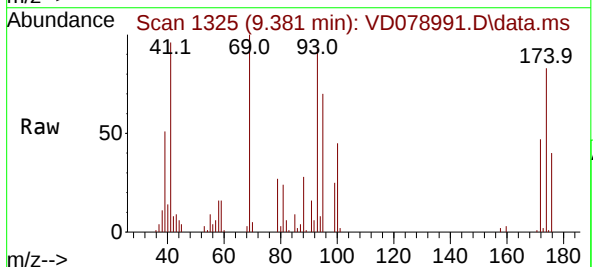
Tgt Ion: 83 Resp: 10008
Ion Ratio Lower Upper
83 100
85 61.4 50.1 75.1
127 8.8 6.8 10.2

Manual Integrations
APPROVED

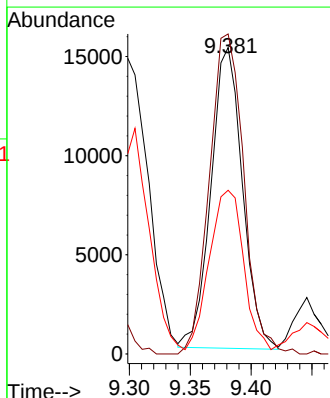
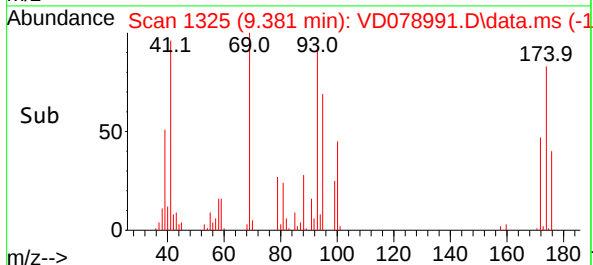
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

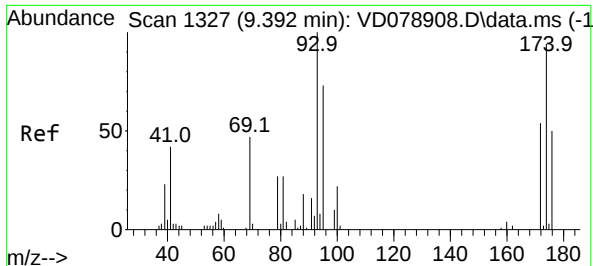


#48
Methyl methacrylate
Concen: 48.331 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40



Tgt Ion: 41 Resp: 27274
Ion Ratio Lower Upper
41 100
69 116.3 96.7 145.1
39 60.3 43.8 65.6





#49

1,4-Dioxane

Concen: 1080.851 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.011 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDC050EC

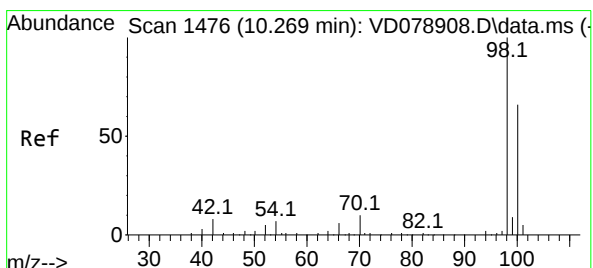
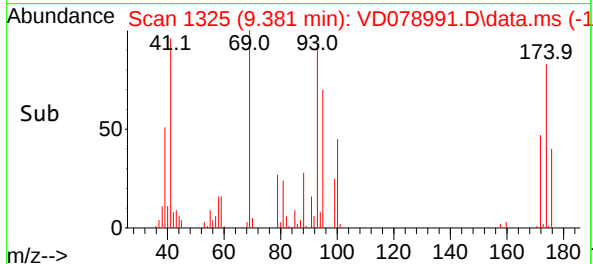
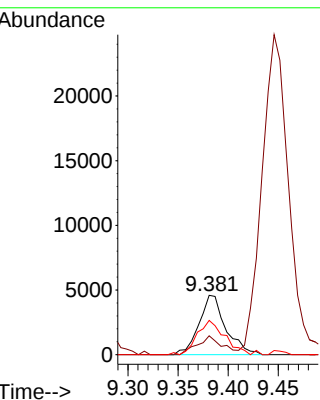
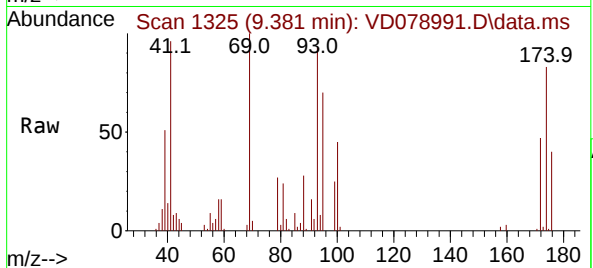
Tgt Ion: 88 Resp: 8528

Ion	Ratio	Lower	Upper
88	100		
43	29.9	21.5	32.3
58	60.6	42.2	63.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#50

Toluene-d8

Concen: 55.425 ug/l

RT: 10.269 min Scan# 1476

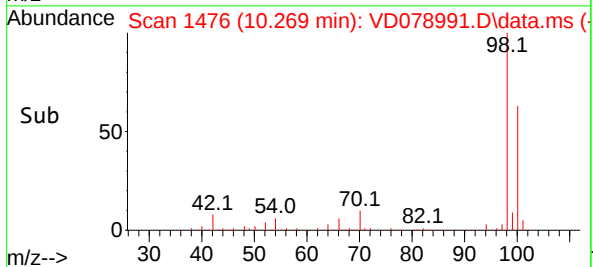
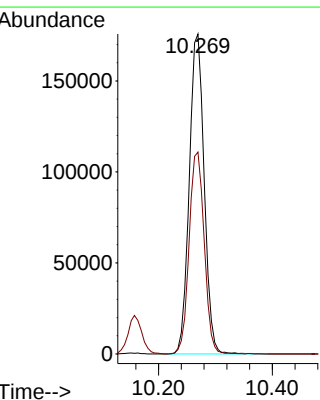
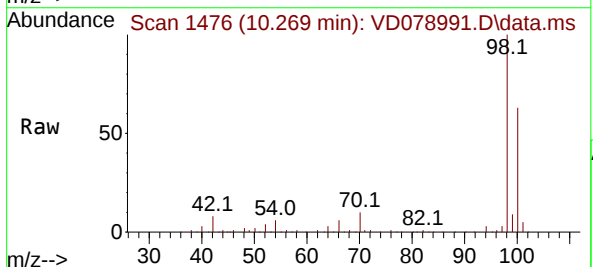
Delta R.T. 0.001 min

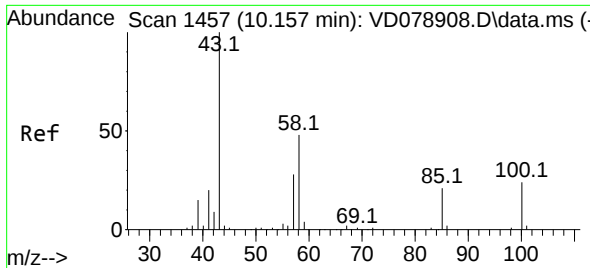
Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion: 98 Resp: 320089

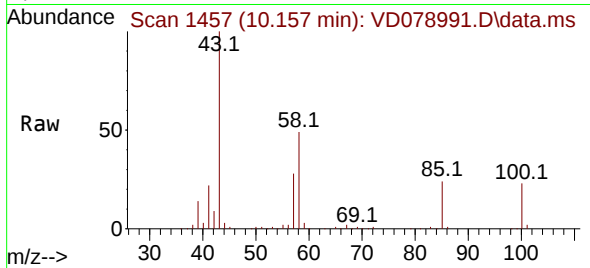
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 258.928 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

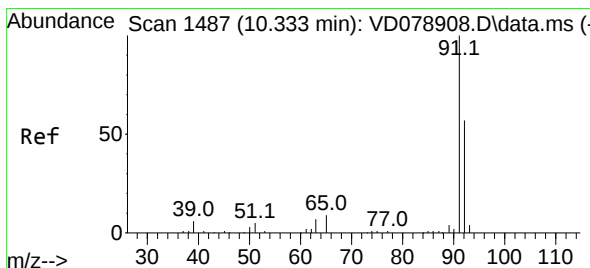
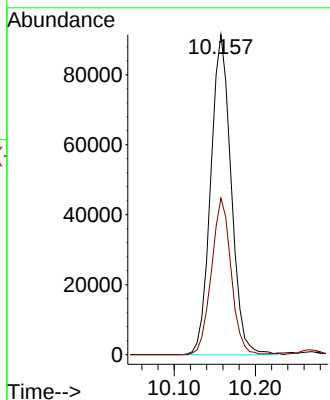
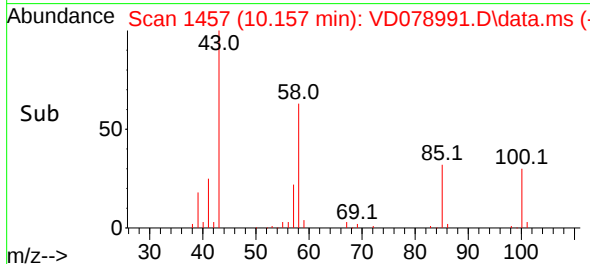
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15987
Ion Ratio Lower Upper
43 100
58 47.1 36.6 55.0

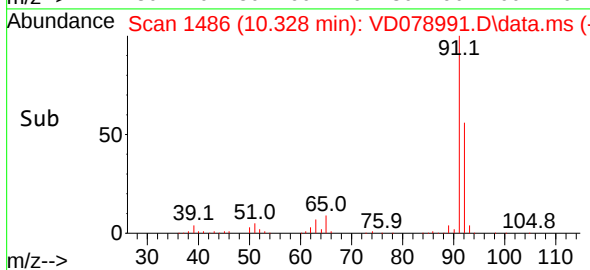
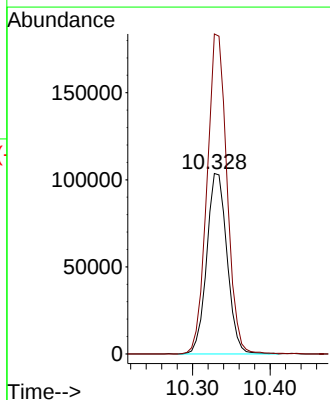
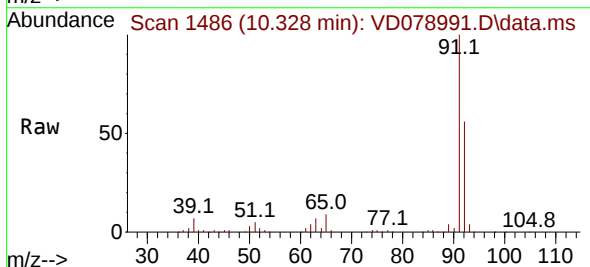
Manual Integrations
APPROVED

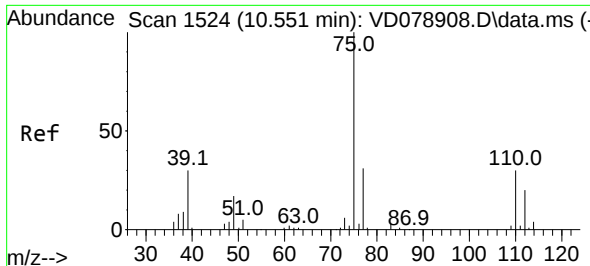
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#52
Toluene
Concen: 47.523 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

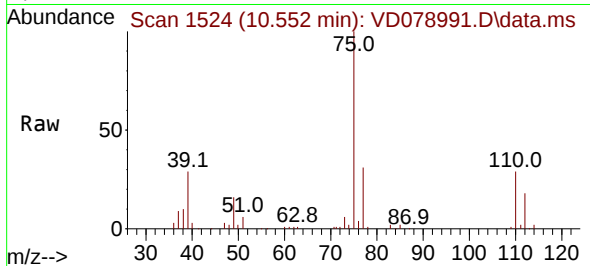
Tgt Ion: 92 Resp: 188616
Ion Ratio Lower Upper
92 100
91 174.7 141.7 212.5





#53
 t-1,3-Dichloropropene
 Concen: 46.673 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VD078991.D
 Acq: 22 May 2024 20:40

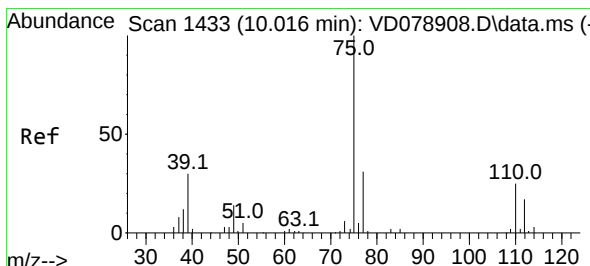
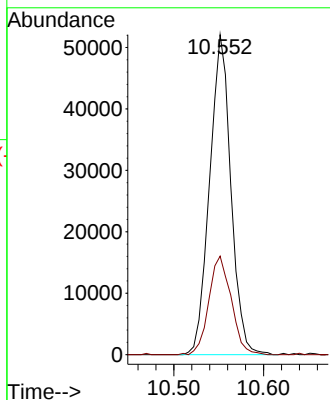
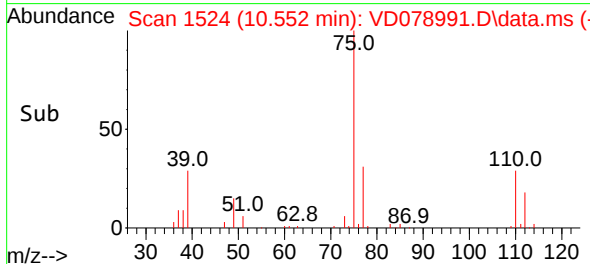
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



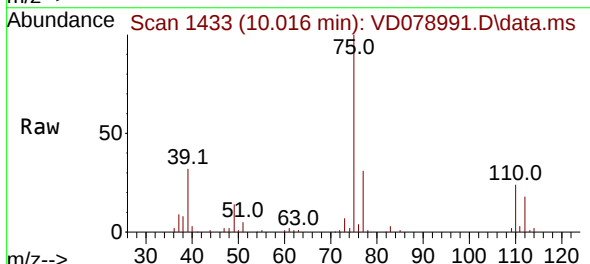
Tgt Ion: 75 Resp: 8563
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6

Manual Integrations
 APPROVED

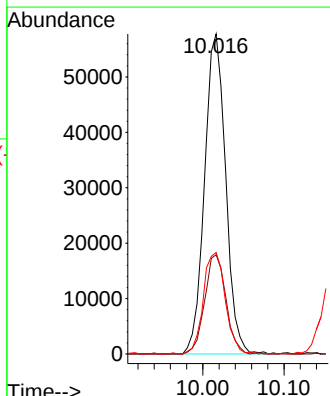
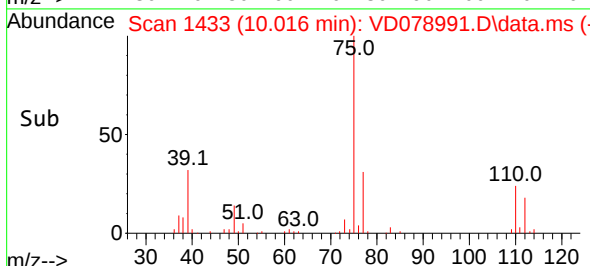
Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

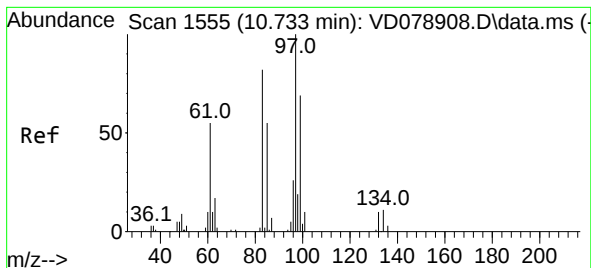


#54
 cis-1,3-Dichloropropene
 Concen: 47.373 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.001 min
 Lab File: VD078991.D
 Acq: 22 May 2024 20:40



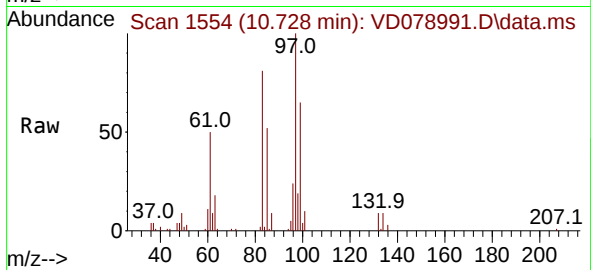
Tgt Ion: 75 Resp: 104324
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.4 36.6
 39 31.7 24.2 36.2





#55
1,1,2-Trichloroethane
Concen: 47.220 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

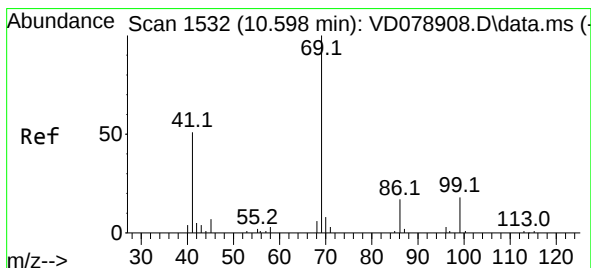
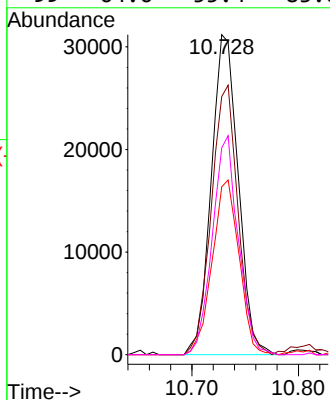
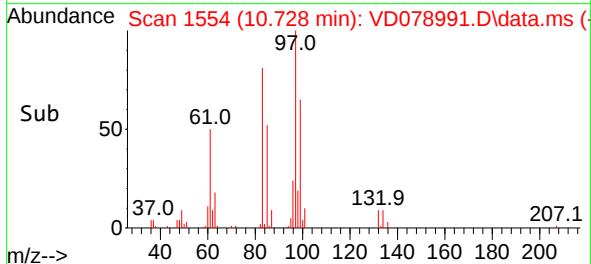
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



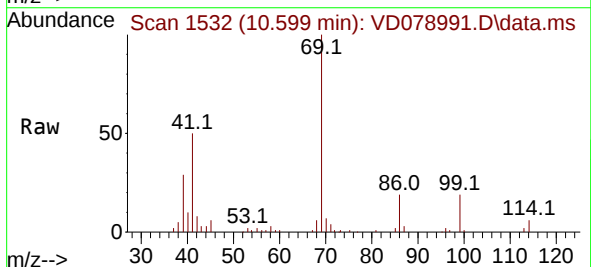
Tgt Ion:	97	Resp:	54720
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.8	98.8
85	52.5	43.8	65.8
99	64.6	55.4	83.0

Manual Integrations
APPROVED

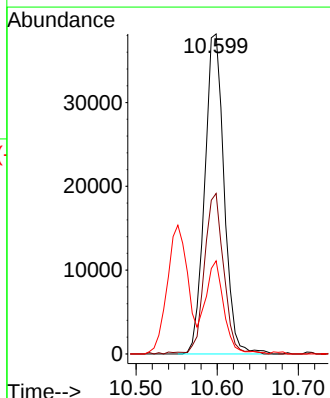
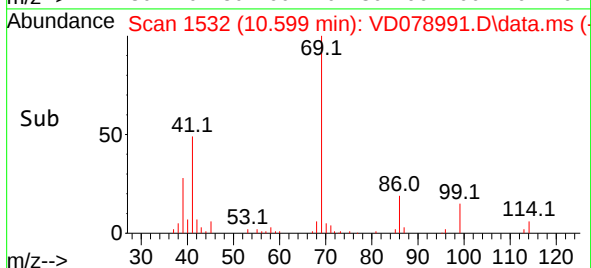
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

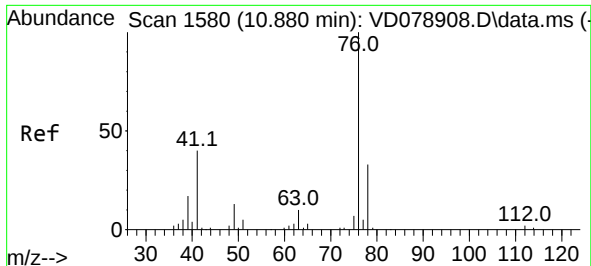


#56
Ethyl methacrylate
Concen: 53.185 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40



Tgt Ion:	69	Resp:	63411
Ion	Ratio	Lower	Upper
69	100		
41	49.7	39.8	59.6
39	27.7	20.2	30.4





#57

1,3-Dichloropropane

Concen: 49.841 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 8993

Ion Ratio Lower Upper

76 100

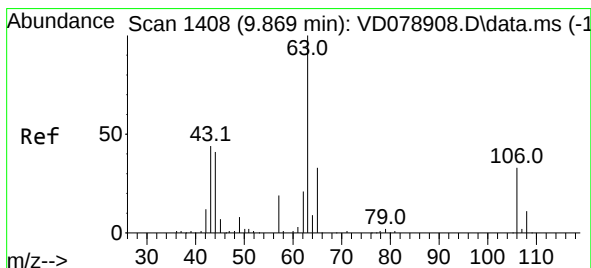
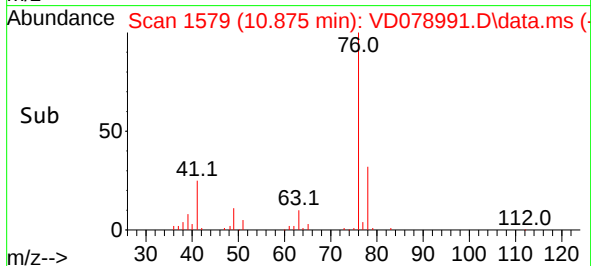
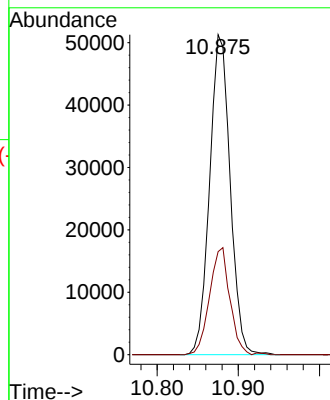
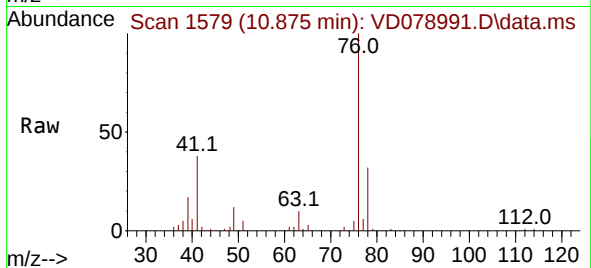
78 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024

Supervised By :Semsettin Yesilyurt 05/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 255.689 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.001 min

Lab File: VD078991.D

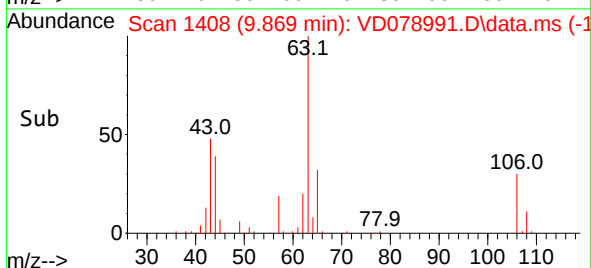
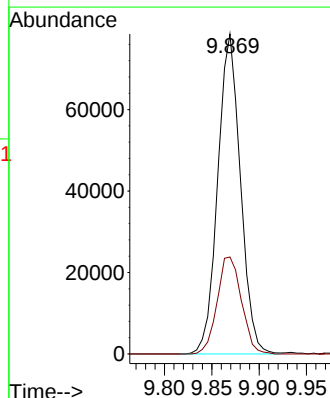
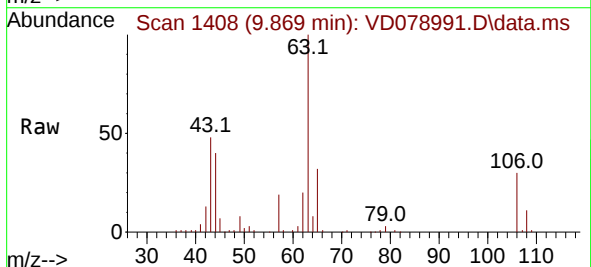
Acq: 22 May 2024 20:40

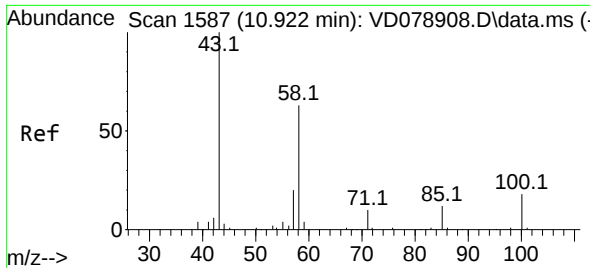
Tgt Ion: 63 Resp: 130985

Ion Ratio Lower Upper

63 100

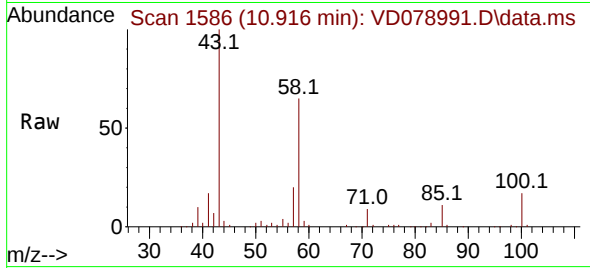
106 32.4 26.4 39.6





#59
2-Hexanone
Concen: 261.255 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

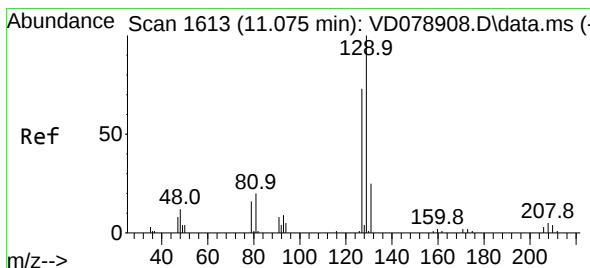
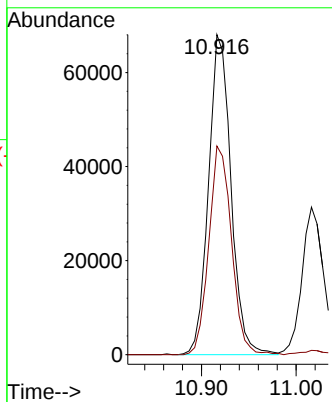
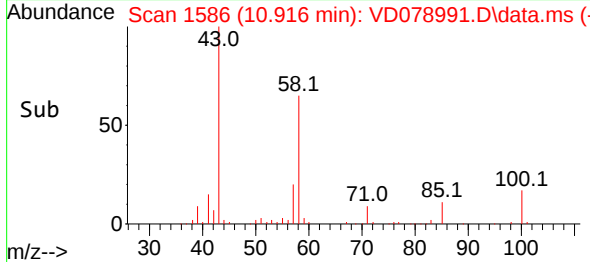
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 112279
Ion Ratio Lower Upper
43 100
58 65.7 31.1 93.5

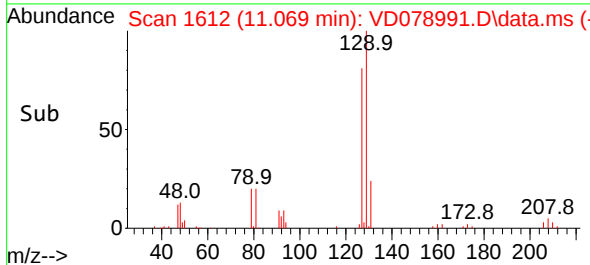
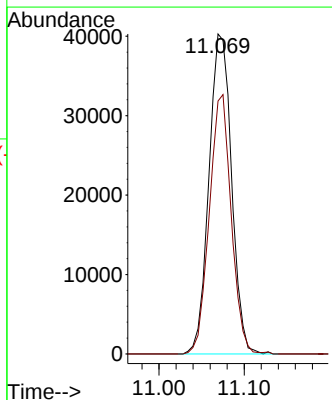
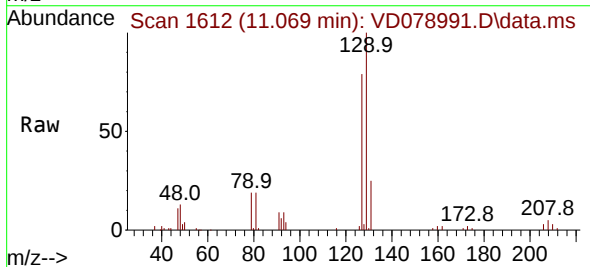
Manual Integrations
APPROVED

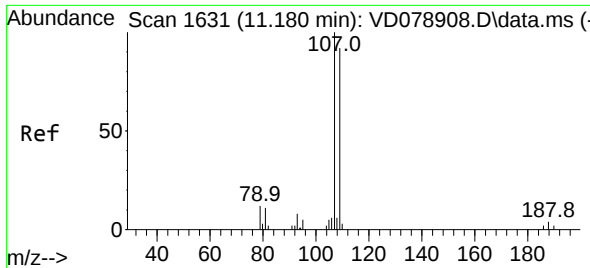
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#60
Dibromochloromethane
Concen: 47.067 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion:129 Resp: 74354
Ion Ratio Lower Upper
129 100
127 78.6 38.0 113.9





#61
1,2-Dibromoethane
Concen: 49.556 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

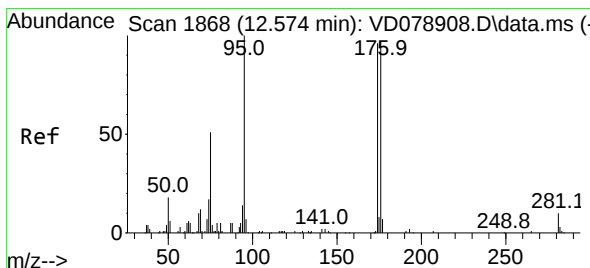
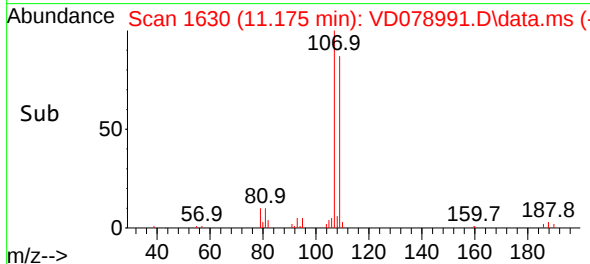
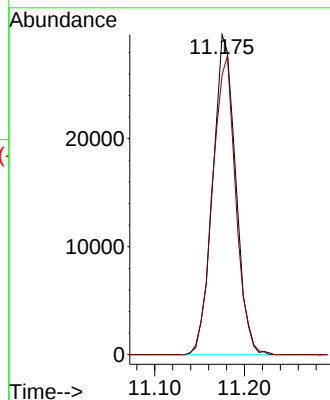
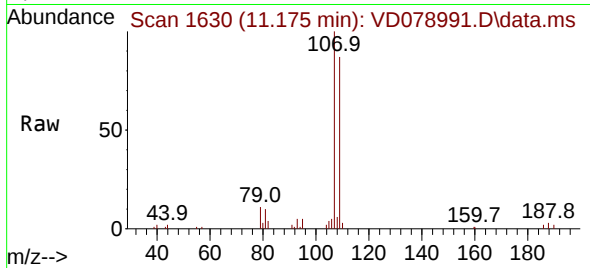
VSTDCCC050EC

Tgt Ion:107 Resp: 5236
Ion Ratio Lower Upper
107 100
109 95.0 72.0 108.0

Manual Integrations

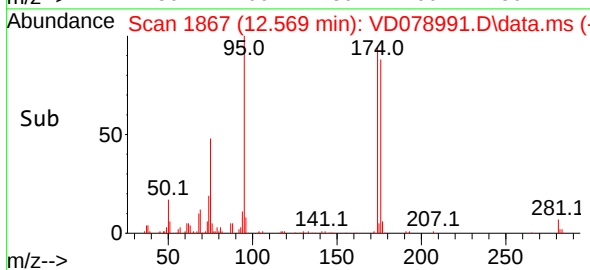
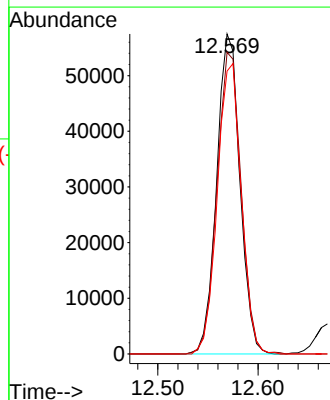
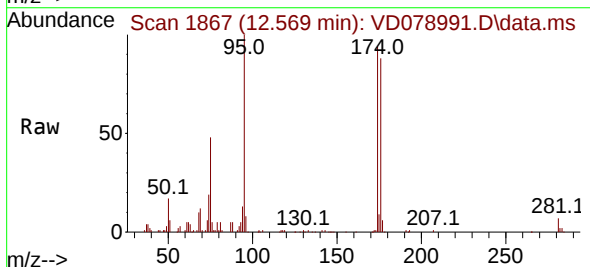
APPROVED

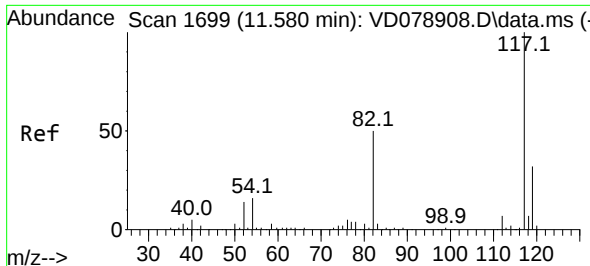
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#62
4-Bromofluorobenzene
Concen: 56.964 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

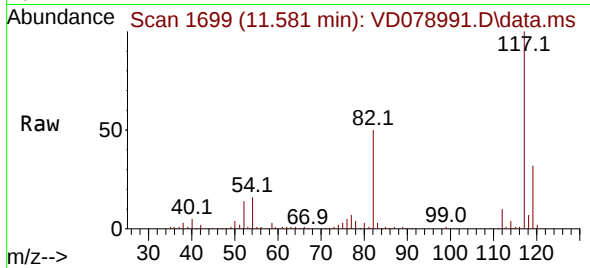
Tgt Ion: 95 Resp: 92418
Ion Ratio Lower Upper
95 100
174 97.9 0.0 195.4
176 93.8 0.0 192.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

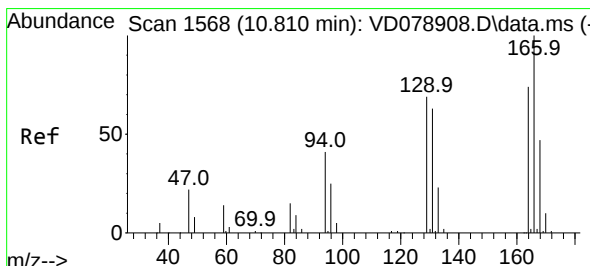
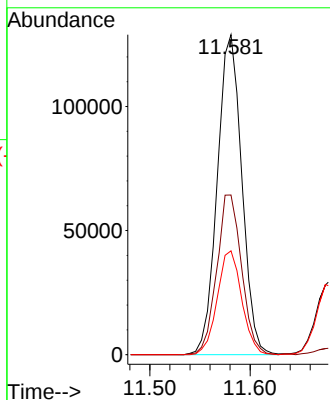
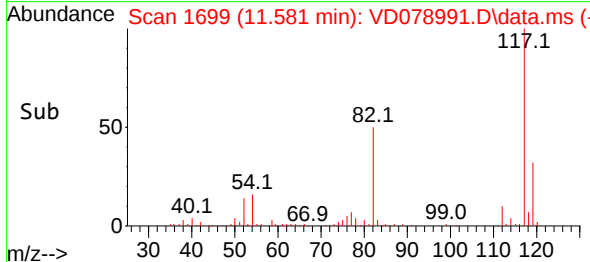
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21894
Ion Ratio Lower Upper
117 100
82 49.9 39.8 59.6
119 32.5 25.7 38.5

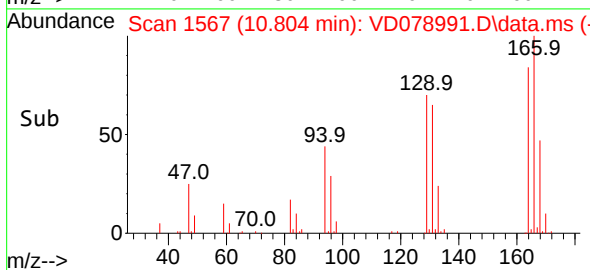
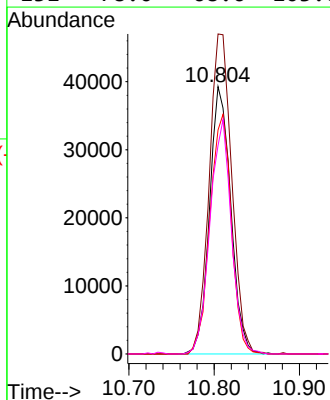
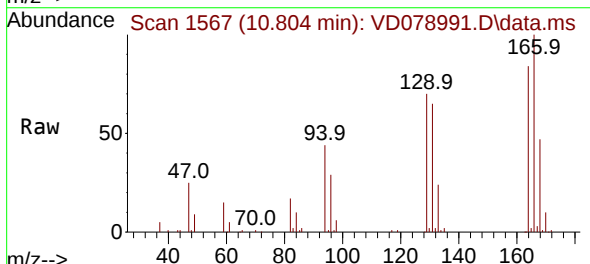
Manual Integrations
APPROVED

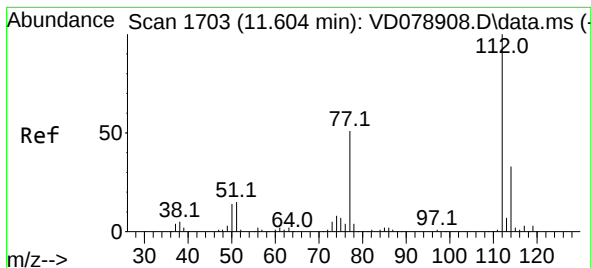
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#64
Tetrachloroethene
Concen: 49.028 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

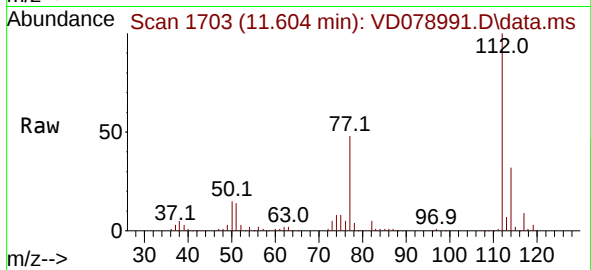
Tgt Ion:164 Resp: 68103
Ion Ratio Lower Upper
164 100
166 119.7 108.6 163.0
129 83.8 74.6 112.0
131 78.0 68.6 103.0





#65
Chlorobenzene
Concen: 47.126 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

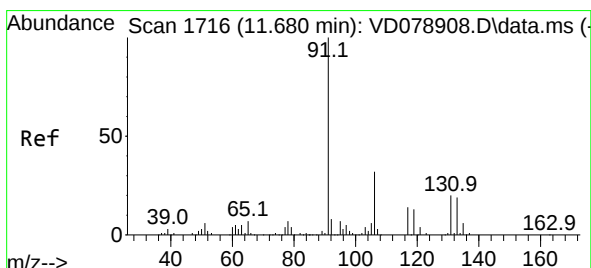
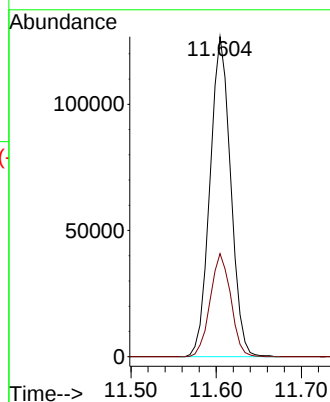
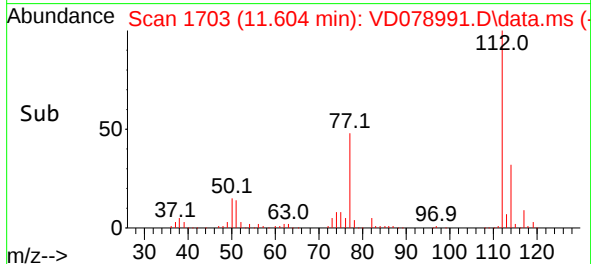
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



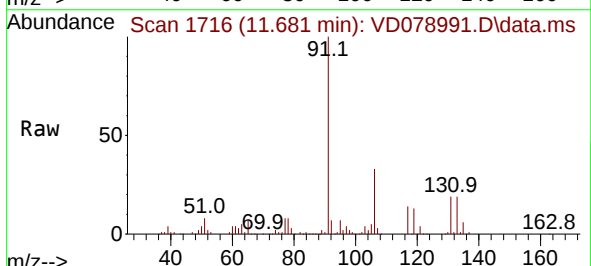
Tgt Ion:112 Resp: 214618
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

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APPROVED

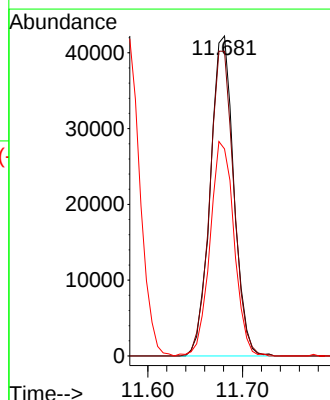
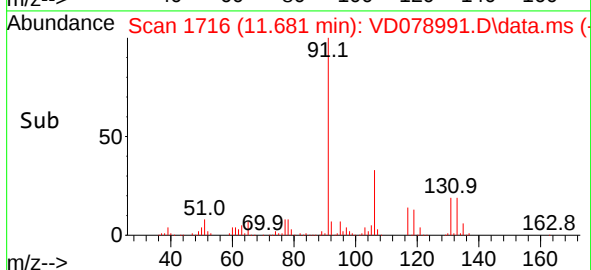
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

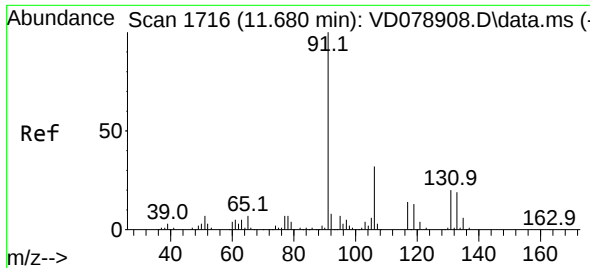


#66
1,1,1,2-Tetrachloroethane
Concen: 46.284 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40



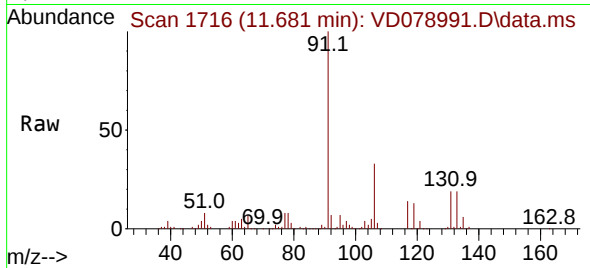
Tgt Ion:131 Resp: 72870
Ion Ratio Lower Upper
131 100
133 97.3 49.2 147.6
119 68.5 33.4 100.2





#67
Ethyl Benzene
Concen: 47.252 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

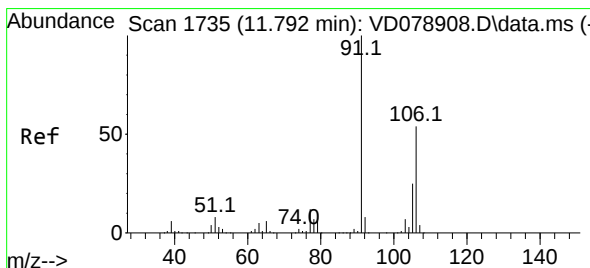
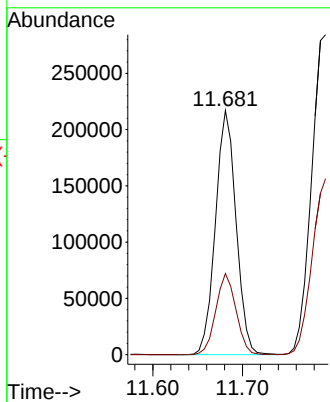
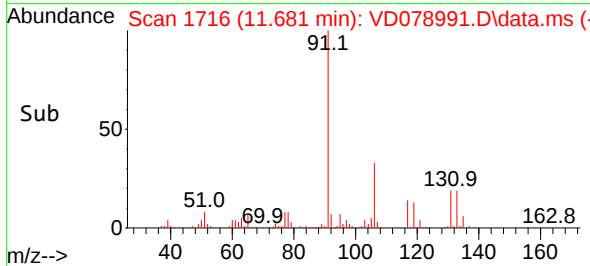
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 346130
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.6

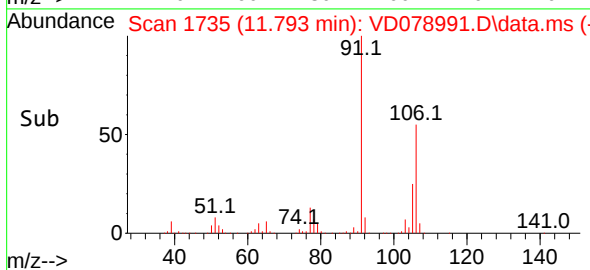
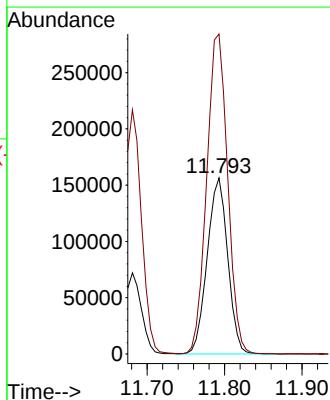
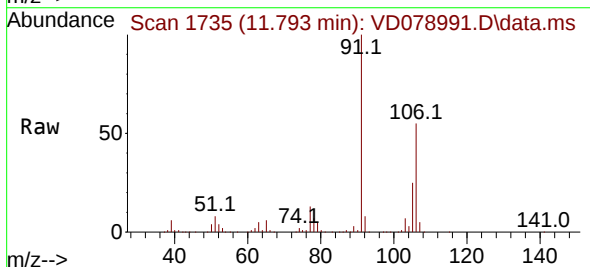
Manual Integrations
APPROVED

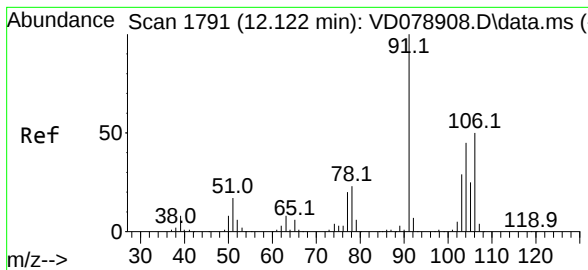
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#68
m/p-Xylenes
Concen: 96.558 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion:106 Resp: 287565
Ion Ratio Lower Upper
106 100
91 185.7 148.5 222.7





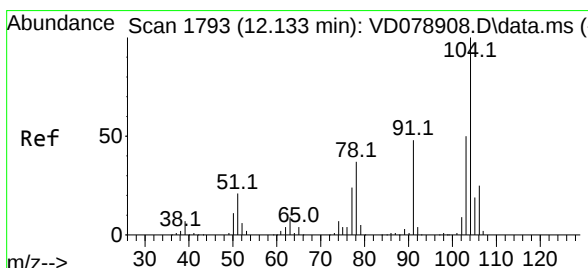
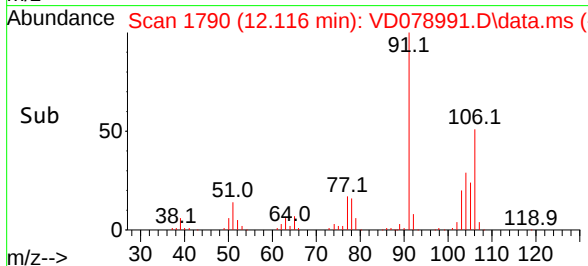
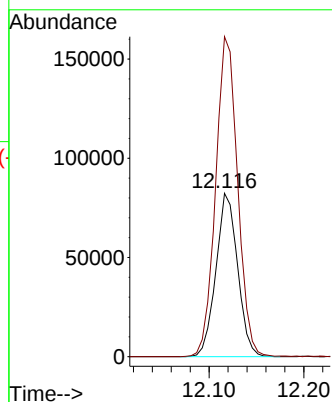
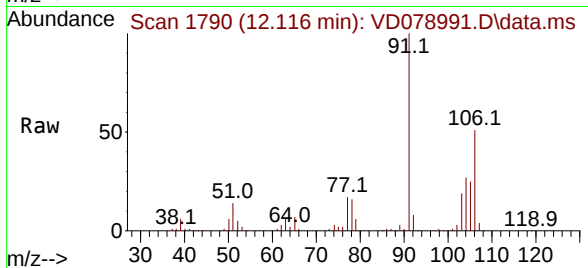
#69
o-Xylene
Concen: 48.234 ug/l
RT: 12.116 min Scan# 1791
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 130959
Ion Ratio Lower Upper
106 100
91 199.3 96.7 290.1

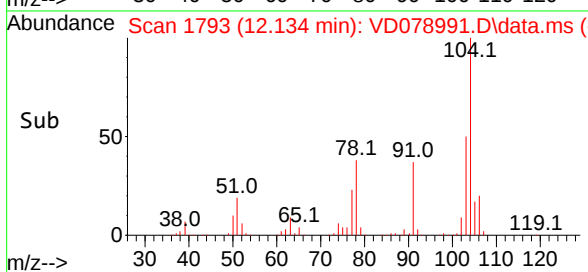
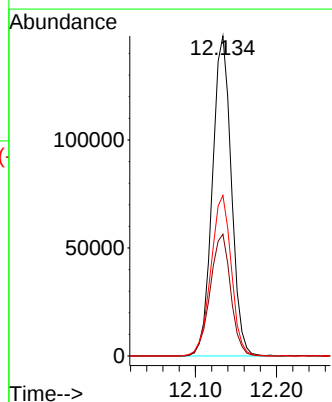
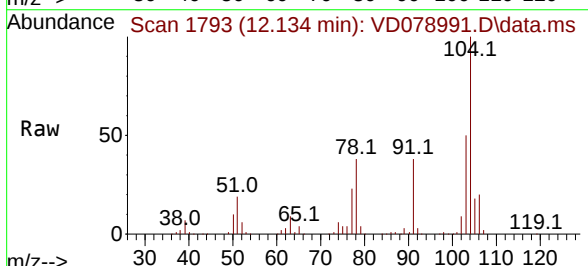
Manual Integrations
APPROVED

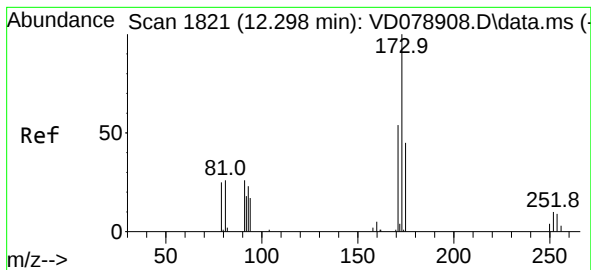
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#70
Styrene
Concen: 49.869 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion:104 Resp: 239966
Ion Ratio Lower Upper
104 100
78 41.2 33.0 49.6
103 54.1 44.2 66.4





#71

Bromoform

Concen: 48.362 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

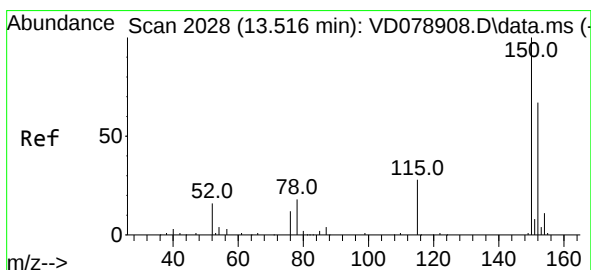
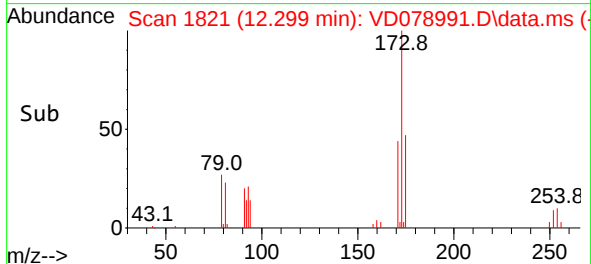
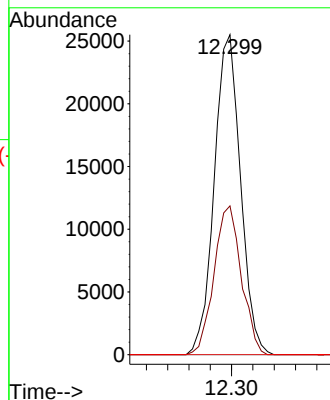
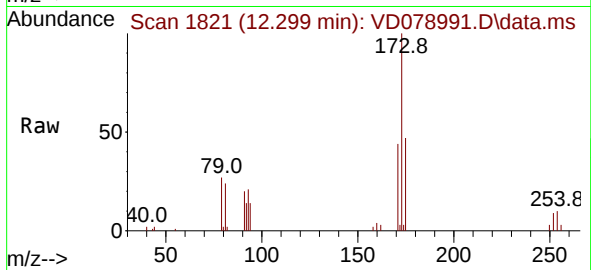
VSTDCCC050EC

Tgt Ion:173 Resp: 43617
 Ion Ratio Lower Upper
 173 100
 175 48.4 23.7 71.1
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

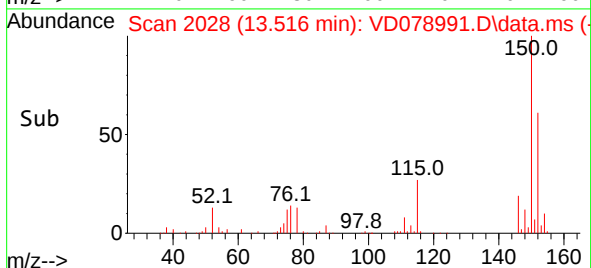
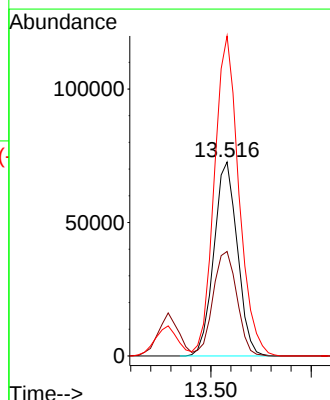
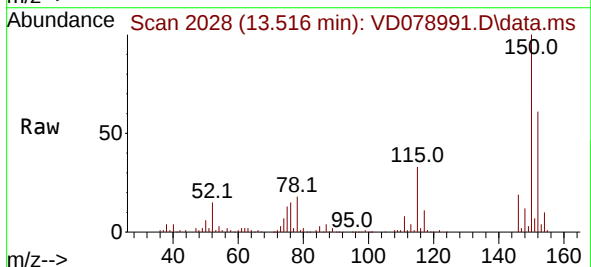
RT: 13.516 min Scan# 2028

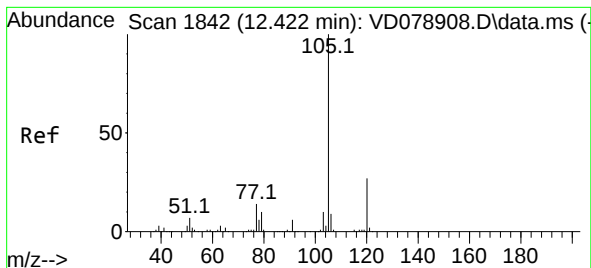
Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion:152 Resp: 117998
 Ion Ratio Lower Upper
 152 100
 115 55.2 26.5 79.5
 150 172.5 0.0 341.6





#73

Isopropylbenzene

Concen: 45.945 ug/l

RT: 12.416 min Scan# 1809

Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 323580

Ion Ratio Lower Upper

105 100

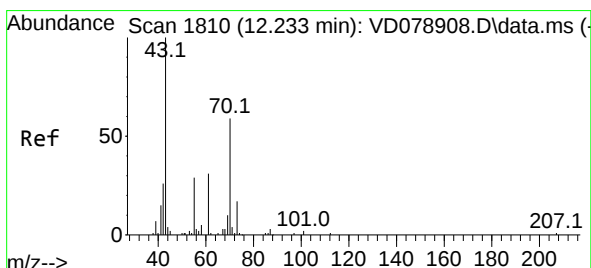
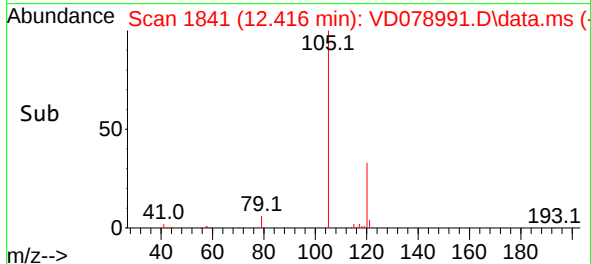
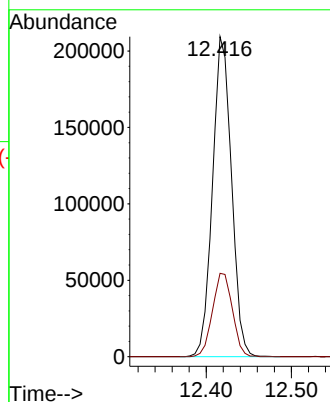
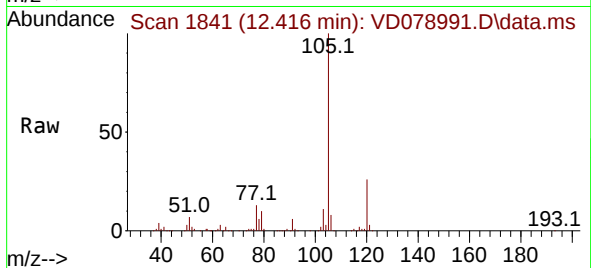
120 27.3 13.6 40.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024

Supervised By :Semsettin Yesilyurt 05/23/2024



#74

N-ethyl acetate

Concen: 51.744 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion: 43 Resp: 59131

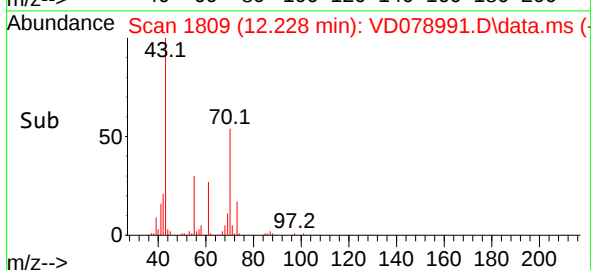
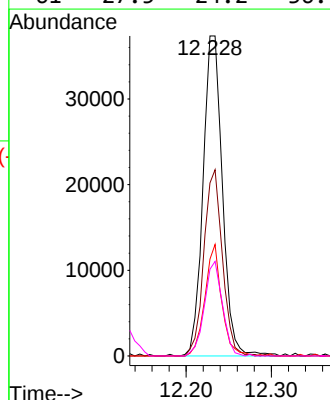
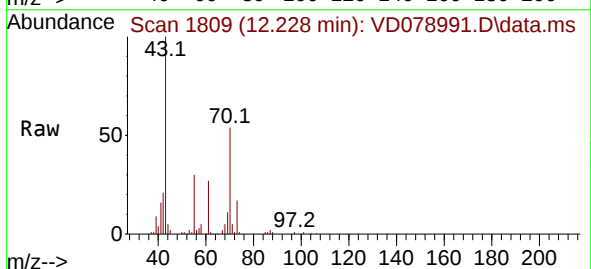
Ion Ratio Lower Upper

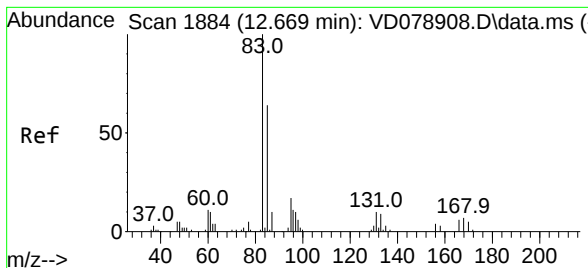
43 100

70 55.7 44.3 66.5

55 30.2 23.2 34.8

61 27.5 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.767 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

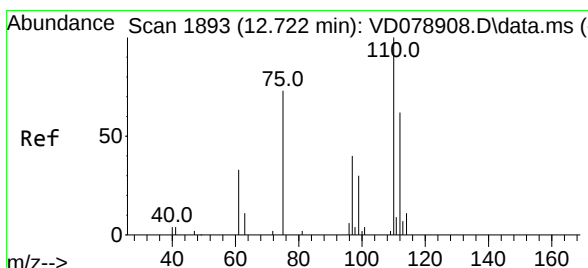
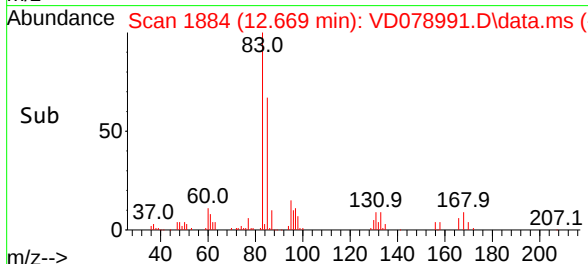
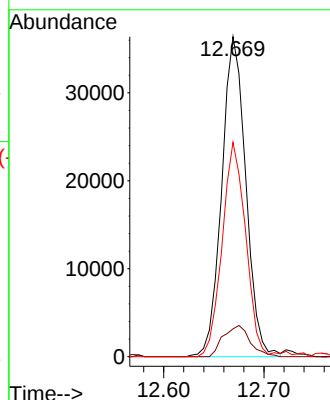
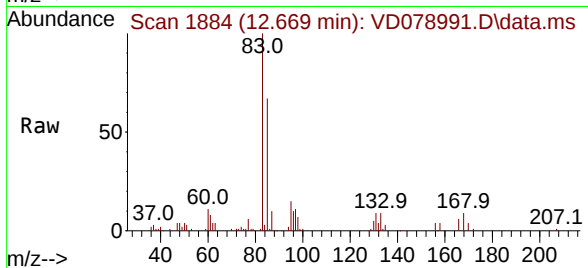
Tgt Ion: 83 Resp: 6068

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.5	16.5
85	65.5	33.8	101.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#76

1,2,3-Trichloropropane

Concen: 53.309 ug/l m

RT: 12.716 min Scan# 1892

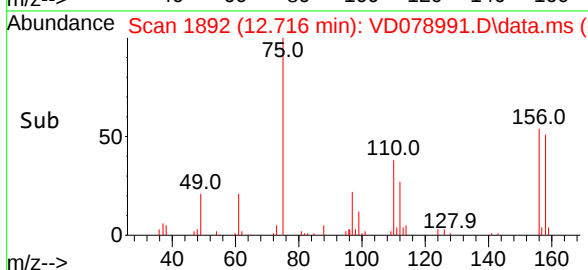
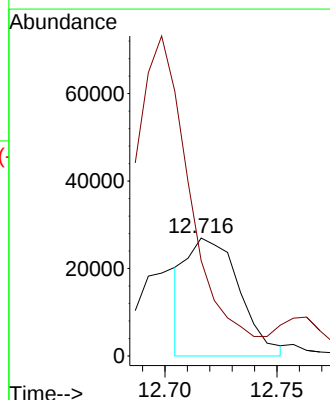
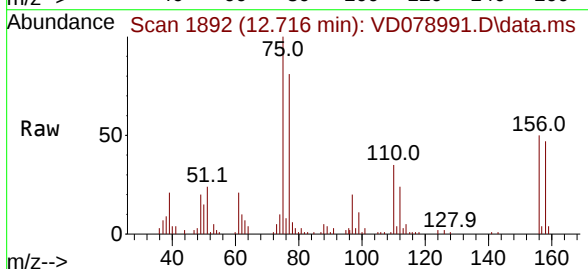
Delta R.T. -0.005 min

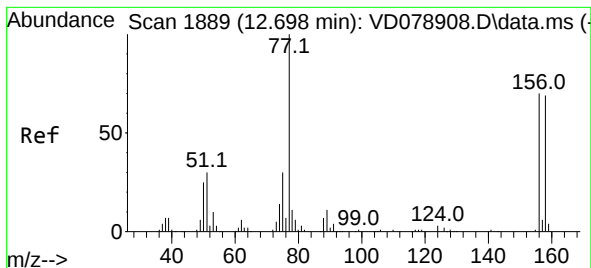
Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion: 75 Resp: 44284

Ion	Ratio	Lower	Upper
75	100		
77	300.2	0.0	0.0#





#77

Bromobenzene

Concen: 46.366 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

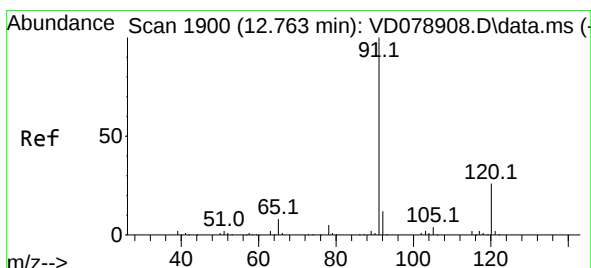
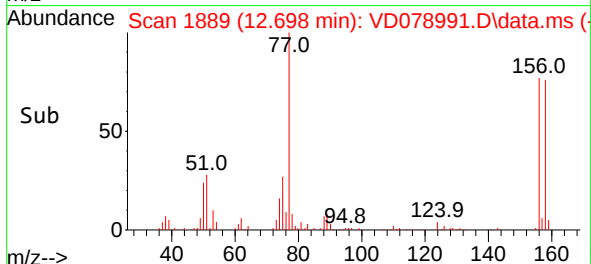
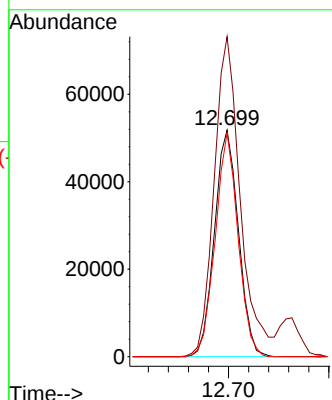
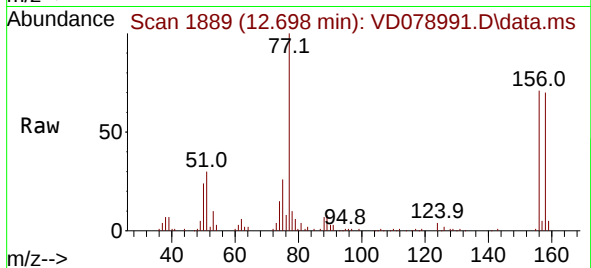
VSTDCCC050EC

Tgt Ion:	156	Resp:	85870
Ion Ratio	Lower	Upper	
156	100		
77	154.8	77.3	231.9
158	93.8	49.6	149.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#78

n-propylbenzene

Concen: 45.653 ug/l

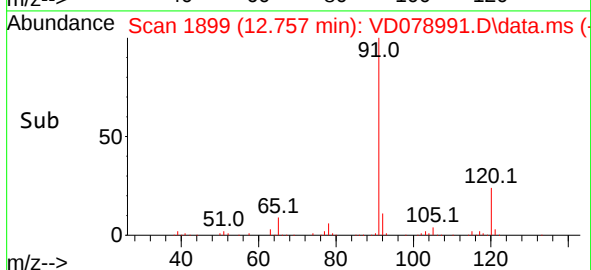
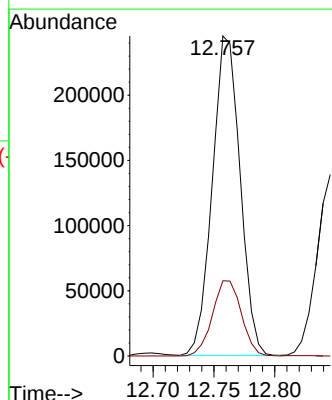
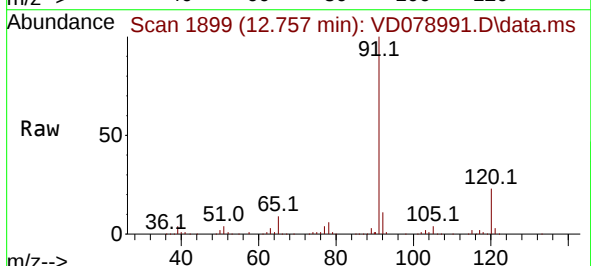
RT: 12.757 min Scan# 1899

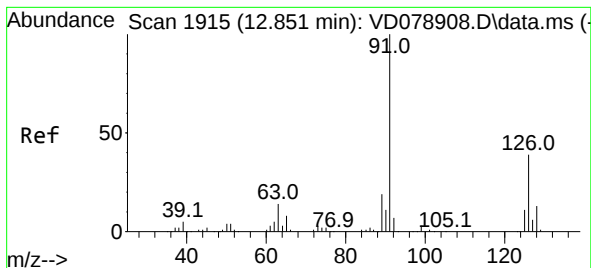
Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Tgt Ion:	91	Resp:	388614
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.8





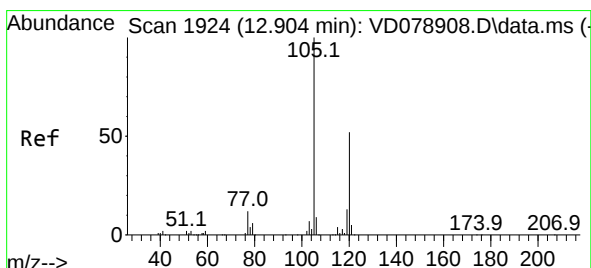
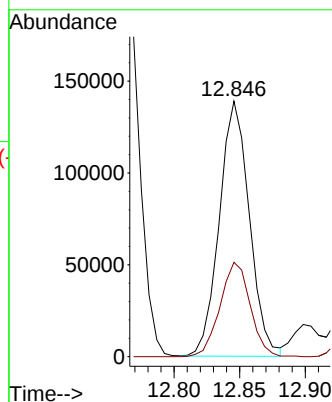
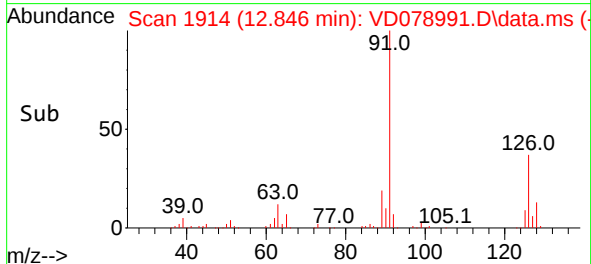
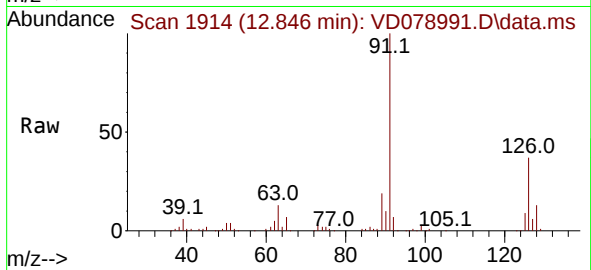
#79
2-Chlorotoluene
Concen: 46.854 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 221670
Ion Ratio Lower Upper
91 100
126 37.0 19.3 57.8

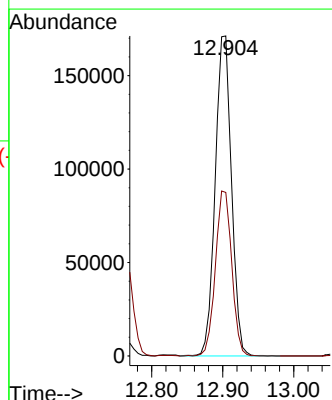
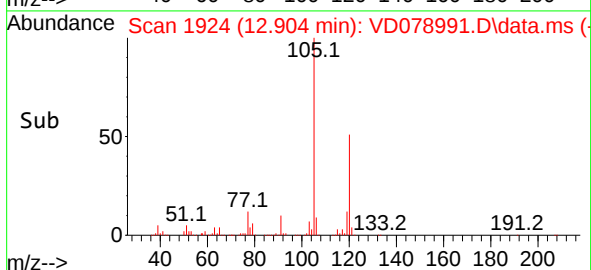
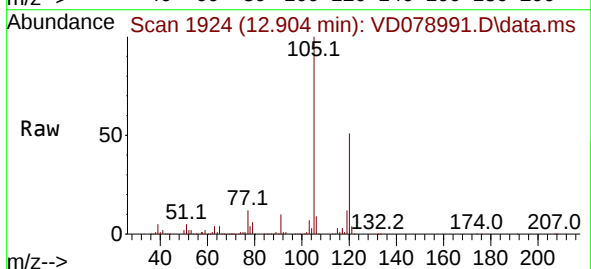
Manual Integrations
APPROVED

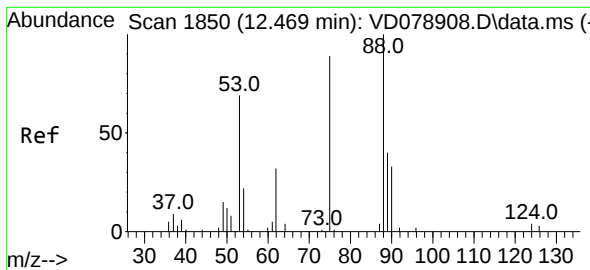
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 46.444 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

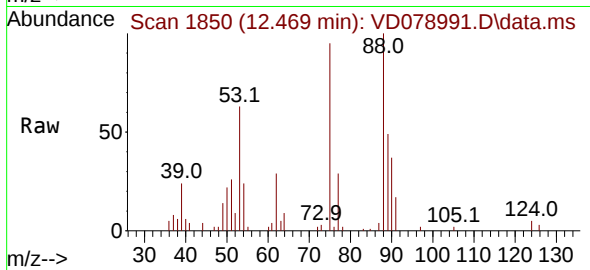
Tgt Ion:105 Resp: 271757
Ion Ratio Lower Upper
105 100
120 51.7 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 48.177 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

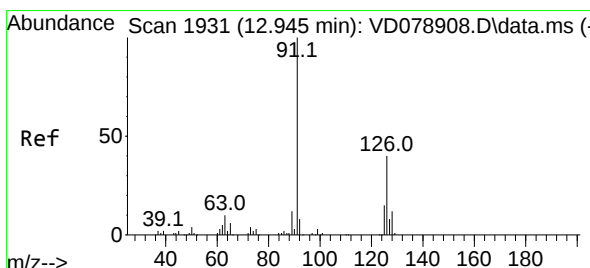
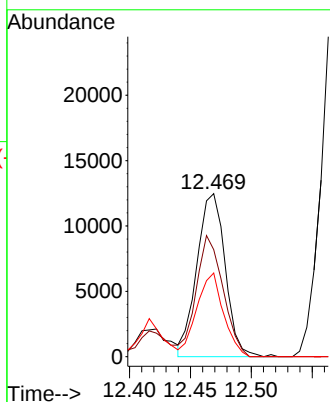
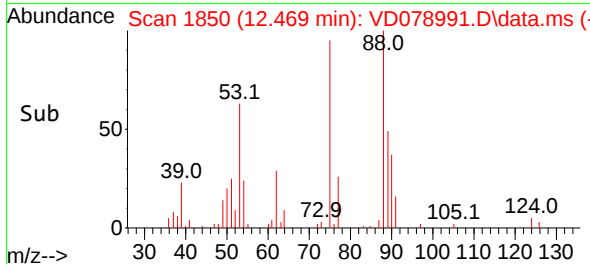
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2018
Ion Ratio Lower Upper
75 100
53 72.1 61.4 92.2
89 48.6 35.4 53.0

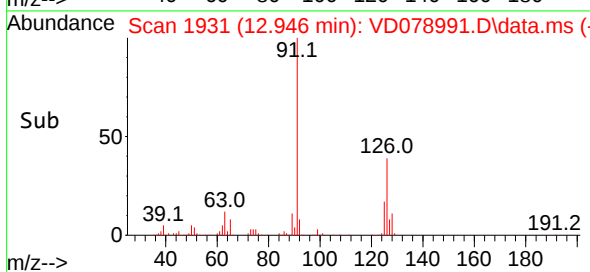
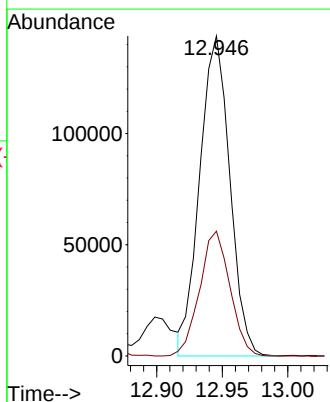
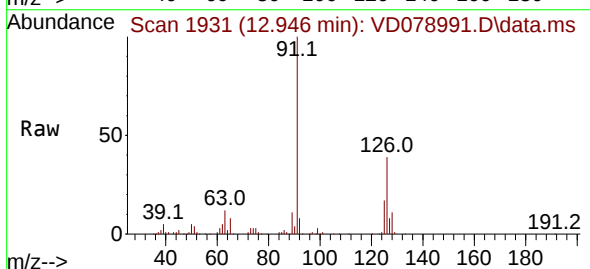
Manual Integrations
APPROVED

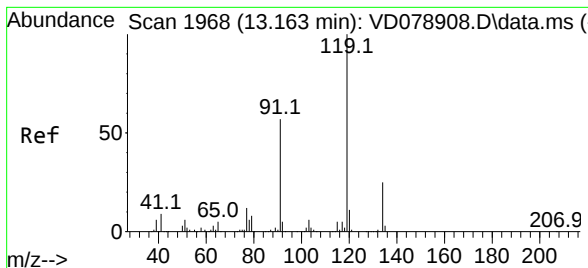
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#82
4-Chlorotoluene
Concen: 46.249 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

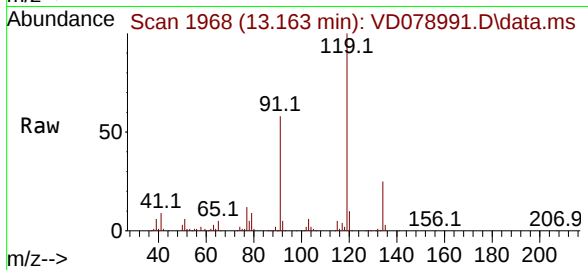
Tgt Ion: 91 Resp: 229557
Ion Ratio Lower Upper
91 100
126 39.3 18.9 56.9





#83
tert-Butylbenzene
Concen: 44.718 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

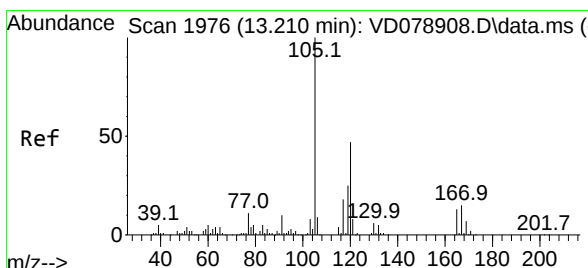
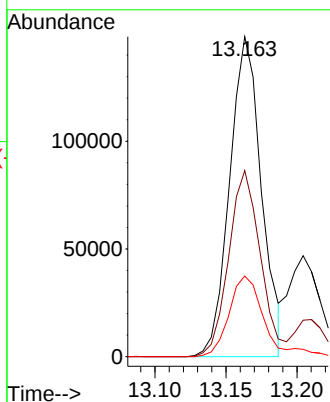
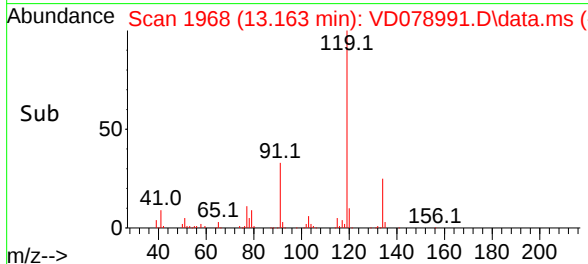
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



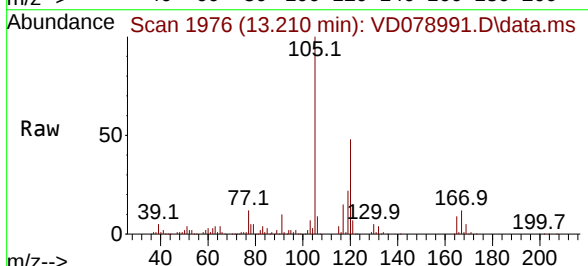
Tgt Ion:119 Resp: 231408
Ion Ratio Lower Upper
119 100
91 58.2 28.2 84.7
134 27.7 13.4 40.1

Manual Integrations
APPROVED

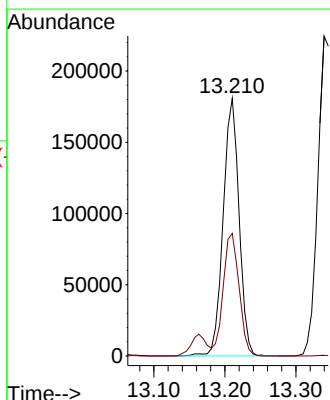
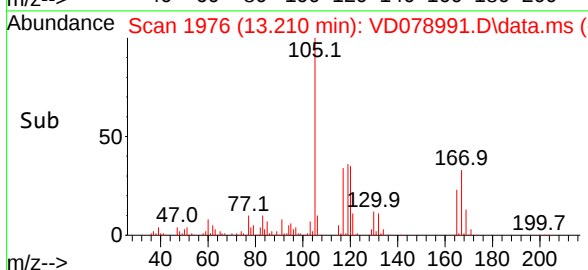
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

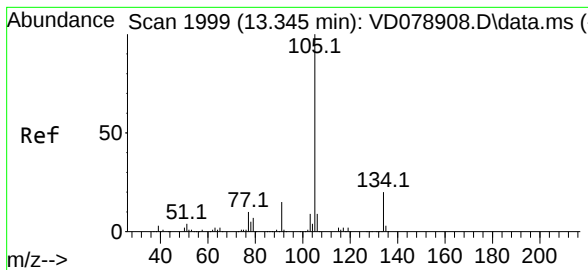


#84
1,2,4-Trimethylbenzene
Concen: 46.163 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40



Tgt Ion:105 Resp: 279785
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





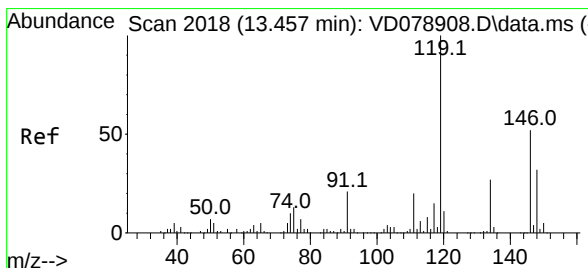
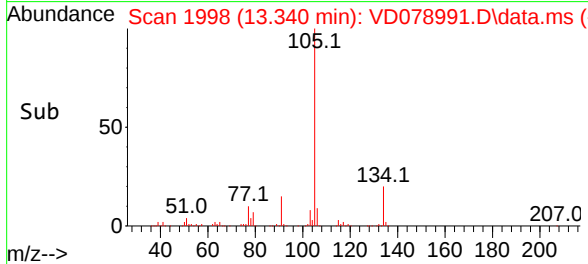
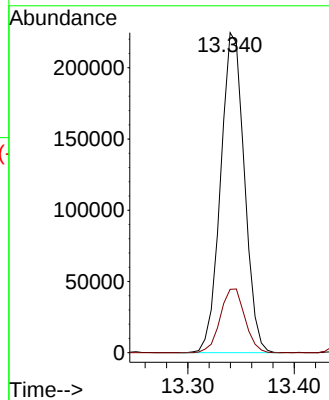
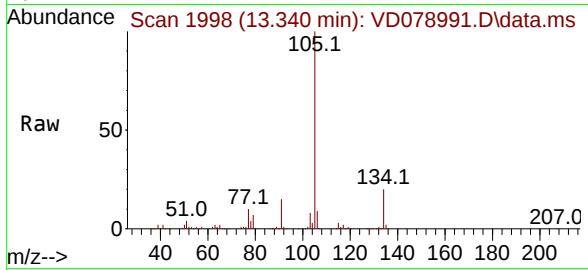
#85
 sec-Butylbenzene
 Concen: 45.040 ug/l
 RT: 13.340 min Scan# 1999
 Delta R.T. -0.005 min
 Lab File: VD078991.D
 Acq: 22 May 2024 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 34767
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8

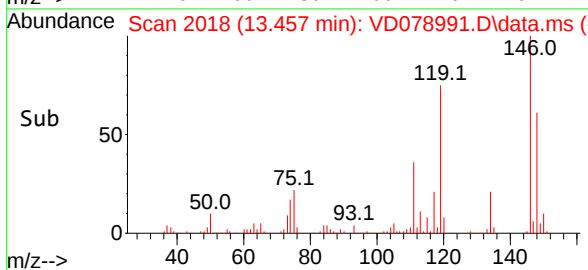
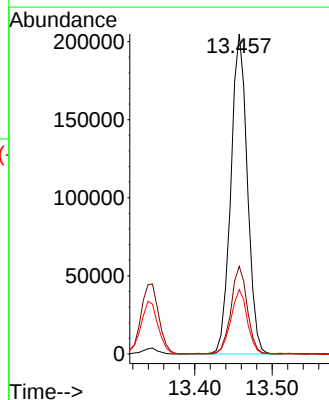
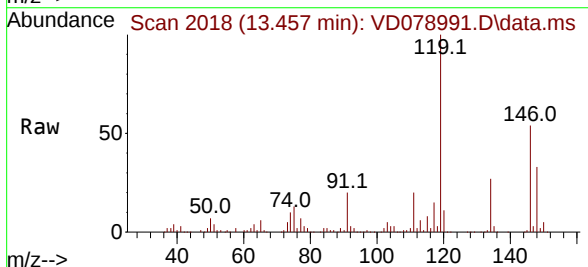
Manual Integrations
 APPROVED

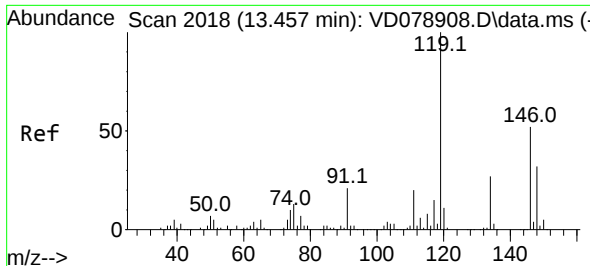
Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024



#86
 p-Isopropyltoluene
 Concen: 45.090 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.001 min
 Lab File: VD078991.D
 Acq: 22 May 2024 20:40

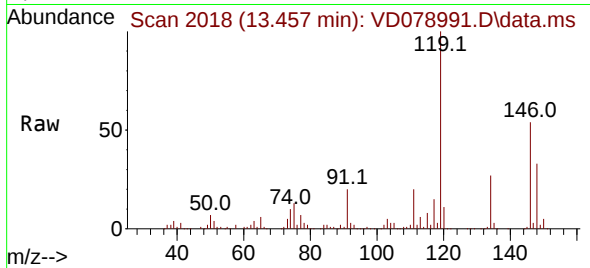
Tgt Ion:119 Resp: 303245
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.7 41.1
 91 20.0 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 44.823 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

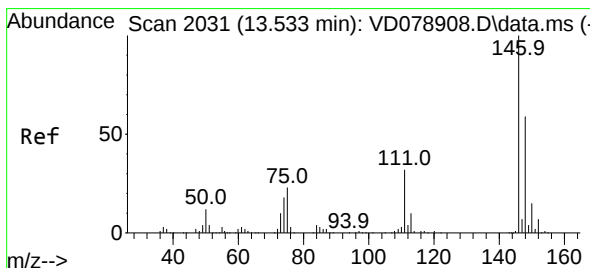
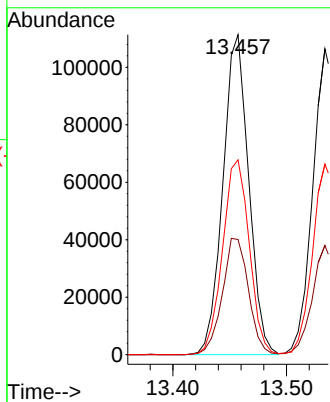
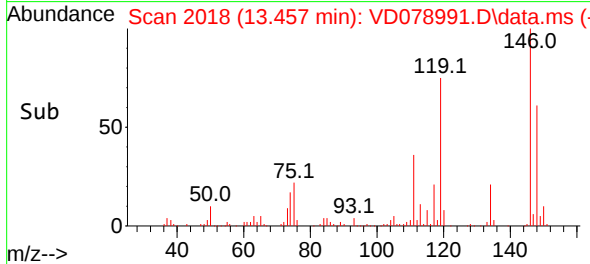
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 175664
Ion Ratio Lower Upper
146 100
111 36.9 18.5 55.5
148 63.1 30.9 92.8

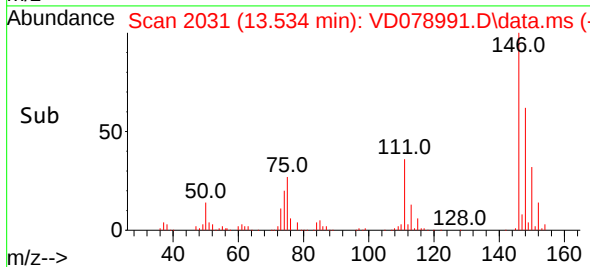
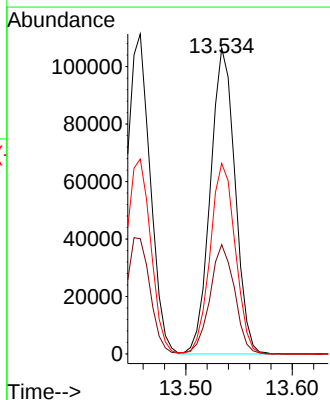
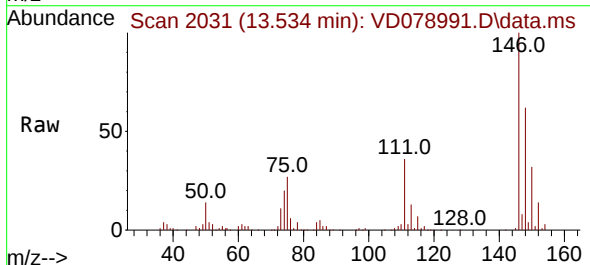
Manual Integrations
APPROVED

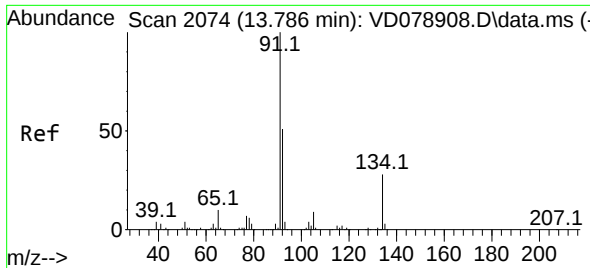
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#88
1,4-Dichlorobenzene
Concen: 44.643 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion:146 Resp: 171342
Ion Ratio Lower Upper
146 100
111 35.6 17.5 52.6
148 63.3 31.4 94.2





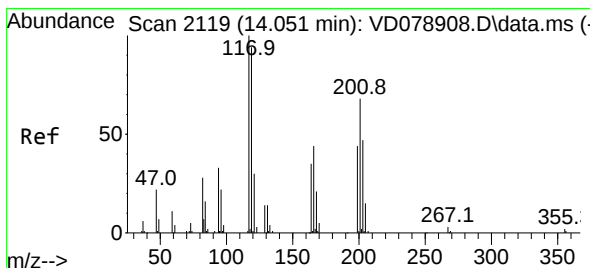
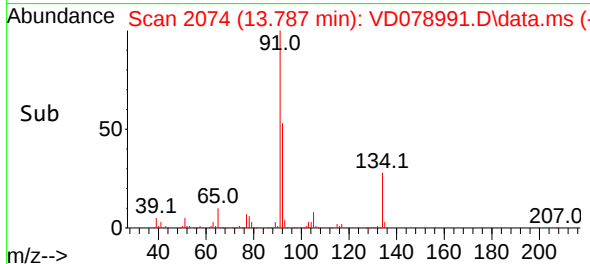
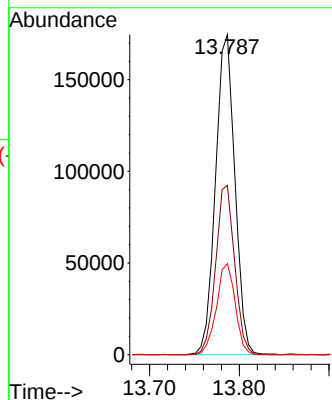
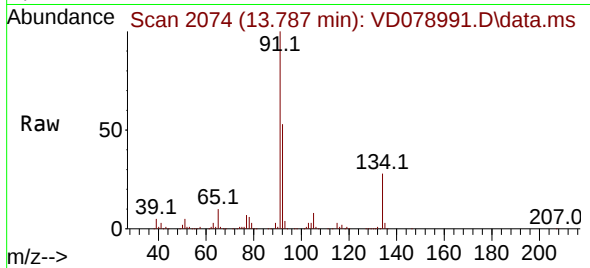
#89
n-Butylbenzene
Concen: 43.429 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 261718
Ion Ratio Lower Upper
91 100
92 51.6 25.7 77.0
134 27.6 13.6 40.8

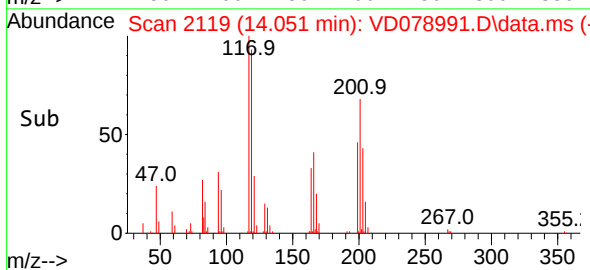
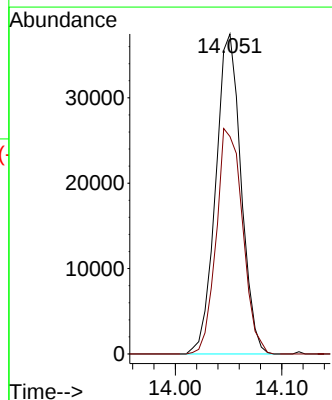
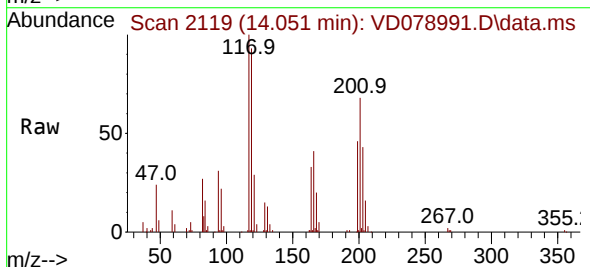
Manual Integrations
APPROVED

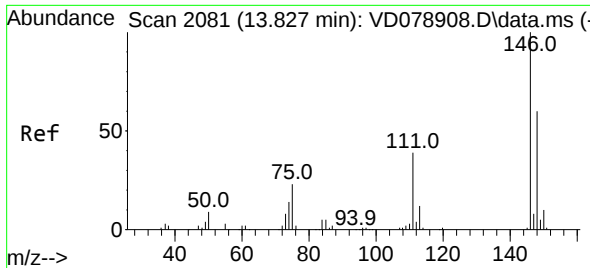
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#90
Hexachloroethane
Concen: 43.596 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion:117 Resp: 61845
Ion Ratio Lower Upper
117 100
201 73.1 36.3 108.9





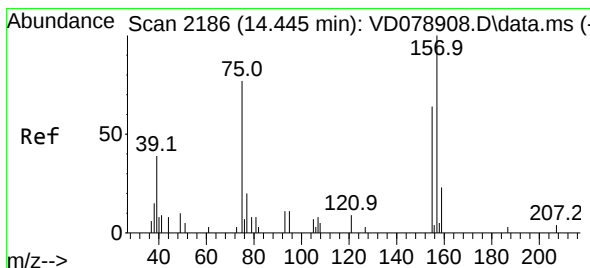
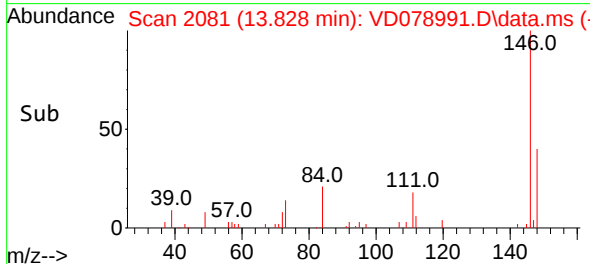
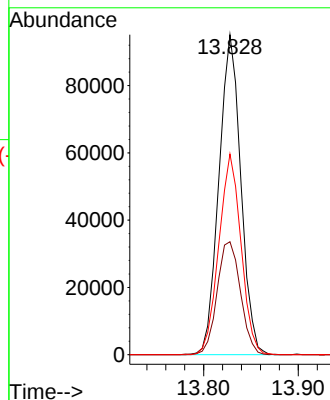
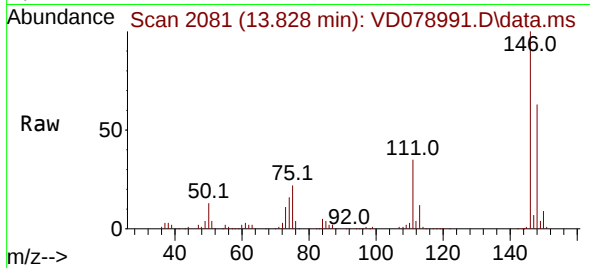
#91
1,2-Dichlorobenzene
Concen: 46.567 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 15270
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 63.6 31.1 93.5

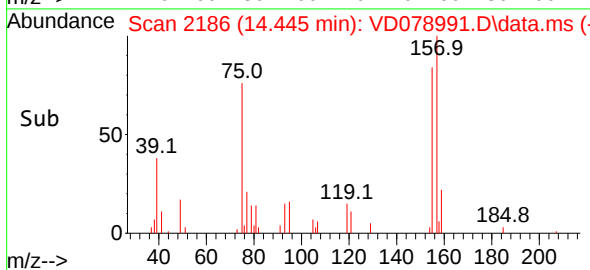
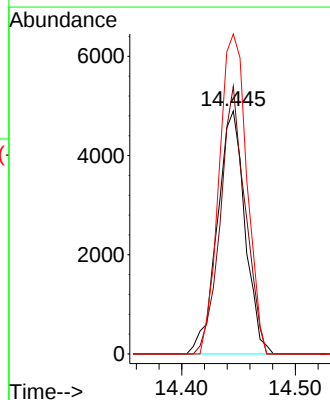
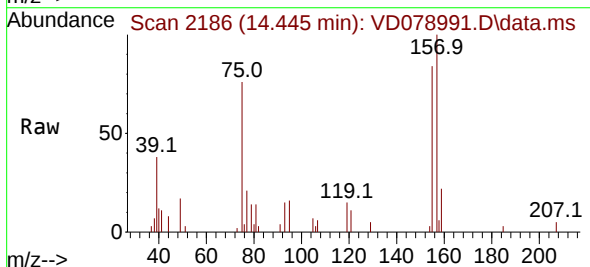
Manual Integrations
APPROVED

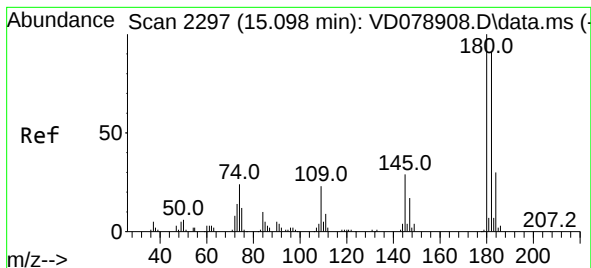
Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.941 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.001 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion: 75 Resp: 8277
Ion Ratio Lower Upper
75 100
155 99.3 47.7 143.1
157 132.3 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 46.279 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

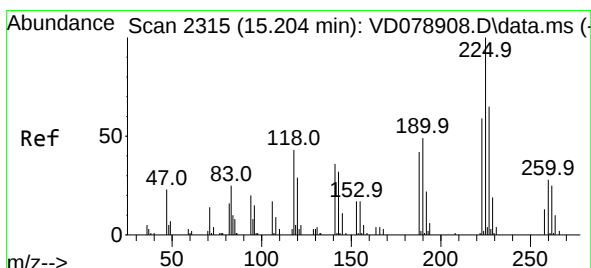
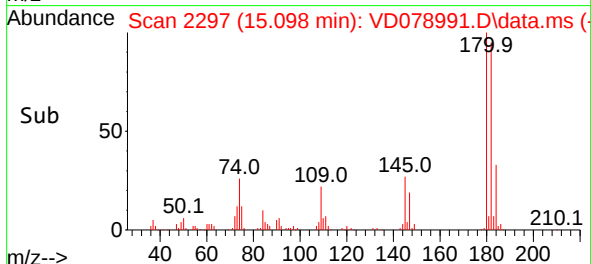
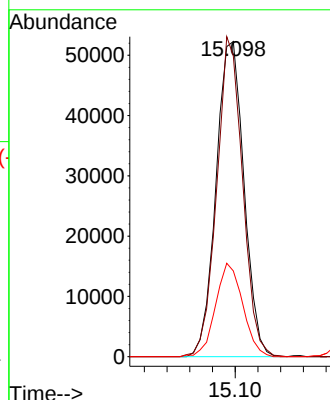
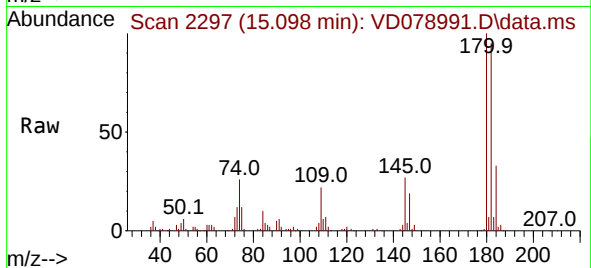
VSTDCCC050EC

Tgt Ion:180	Resp:	8910
Ion Ratio	Lower	Upper
180	100	
182	94.0	46.9 140.7
145	29.0	14.0 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#94

Hexachlorobutadiene

Concen: 42.791 ug/l

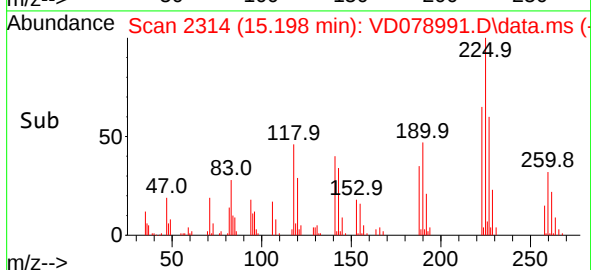
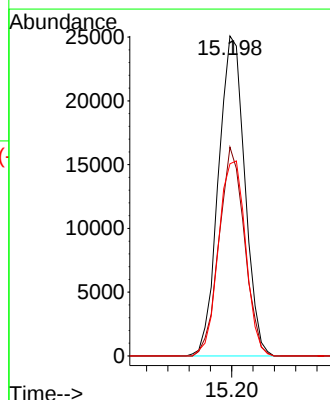
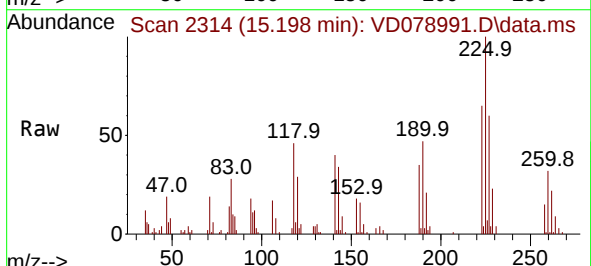
RT: 15.198 min Scan# 2314

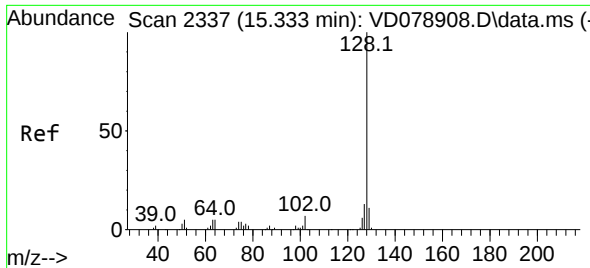
Delta R.T. -0.005 min

Lab File: VD078991.D

Acq: 22 May 2024 20:40

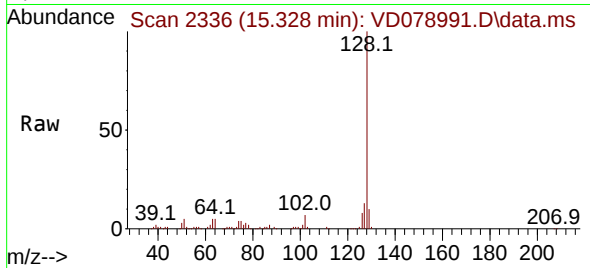
Tgt Ion:225	Resp:	43056
Ion Ratio	Lower	Upper
225	100	
223	63.1	33.3 99.9
227	62.8	33.6 100.6





#95
Naphthalene
Concen: 54.563 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

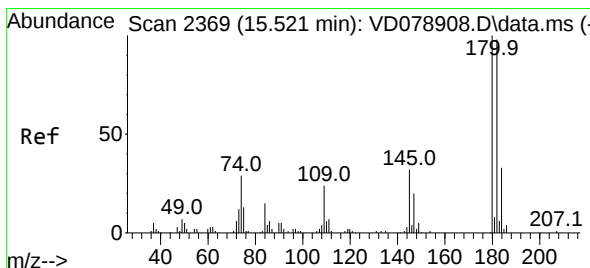
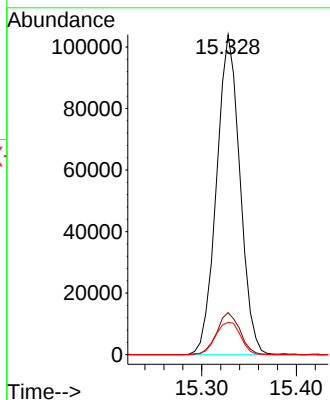
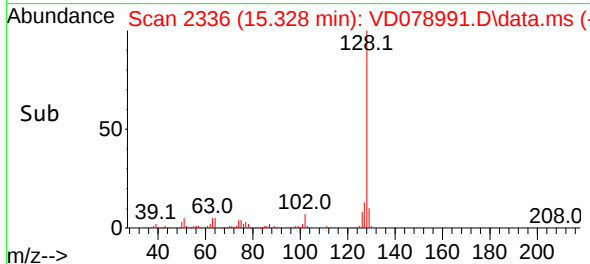
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 17894
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.1 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 48.504 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.005 min
Lab File: VD078991.D
Acq: 22 May 2024 20:40

Tgt Ion:180 Resp: 83072
Ion Ratio Lower Upper
180 100
182 90.6 47.8 143.3
145 30.5 16.1 48.2

