

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078640.D
 Acq On : 12 Mar 2024 16:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.45G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

Quant Time: Mar 13 03:05:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	113582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57326	50.915	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.820%			
35) Dibromofluoromethane	7.805	113	65919	51.358	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.720%			
50) Toluene-d8	10.269	98	248637	49.852	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.700%			
62) 4-Bromofluorobenzene	12.575	95	74265	52.133	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39750	44.345	ug/l	93
3) Chloromethane	2.152	50	72359	44.665	ug/l	94
4) Vinyl Chloride	2.287	62	106489	38.142	ug/l	97
5) Bromomethane	2.693	94	103426	46.383	ug/l	99
6) Chloroethane	2.840	64	91187	44.067	ug/l	97
7) Trichlorofluoromethane	3.181	101	85278	45.173	ug/l	94
8) Diethyl Ether	3.593	74	28407	53.588	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	54749	46.015	ug/l	99
10) Methyl Iodide	4.170	142	72053	57.872	ug/l	91
11) Tert butyl alcohol	5.046	59	12661	238.716	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	53986	48.603	ug/l #	82
13) Acrolein	3.799	56	22150	198.366	ug/l	96
14) Allyl chloride	4.564	41	65203	51.539	ug/l	93
15) Acrylonitrile	5.246	53	61872	283.107	ug/l	99
16) Acetone	4.022	43	44065	204.282	ug/l	93
17) Carbon Disulfide	4.275	76	168557	45.548	ug/l	97
18) Methyl Acetate	4.564	43	28413	69.590	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	126496	56.011	ug/l	100
20) Methylene Chloride	4.805	84	74102	50.241	ug/l	88
21) trans-1,2-Dichloroethene	5.311	96	69420	52.015	ug/l	98
22) Diisopropyl ether	6.222	45	160401	56.550	ug/l	96
23) Vinyl Acetate	6.158	43	465361	276.240	ug/l	96
24) 1,1-Dichloroethane	6.111	63	114425	53.398	ug/l	97
25) 2-Butanone	7.081	43	65109	239.286	ug/l	89
26) 2,2-Dichloropropane	7.075	77	85505	47.232	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	79563	54.444	ug/l	97
28) Bromochloromethane	7.422	49	47651	59.523	ug/l	95
29) Tetrahydrofuran	7.452	42	43038	284.703	ug/l	91
30) Chloroform	7.599	83	127611	55.153	ug/l	95
31) Cyclohexane	7.875	56	78488	44.538	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	103215	52.001	ug/l	98
36) 1,1-Dichloropropene	8.010	75	86378	48.633	ug/l	99
37) Ethyl Acetate	7.163	43	28093	48.816	ug/l	98
38) Carbon Tetrachloride	7.993	117	88457	47.616	ug/l	97
39) Methylcyclohexane	9.275	83	96272	46.182	ug/l	96
40) Benzene	8.252	78	279255	53.045	ug/l	99

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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	7.405	41	18639	60.428	ug/l	92
42) 1,2-Dichloroethane	8.322	62	70930	53.108	ug/l	96
43) Isopropyl Acetate	8.358	43	56077	50.826	ug/l	97
44) Trichloroethene	9.028	130	72275	50.029	ug/l	95
45) 1,2-Dichloropropane	9.305	63	67632	53.479	ug/l	99
46) Dibromomethane	9.393	93	40048	54.932	ug/l	96
47) Bromodichloromethane	9.581	83	98592	54.845	ug/l	98
48) Methyl methacrylate	9.381	41	25326	50.673	ug/l #	90
49) 1,4-Dioxane	9.387	88	7570	946.075	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	157734	276.980	ug/l	93
52) Toluene	10.334	92	182362	53.986	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	87604	52.678	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	109056	54.771	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	55845	54.400	ug/l	97
56) Ethyl methacrylate	10.599	69	57381	55.769	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	88847	53.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	123442	276.838	ug/l	97
59) 2-Hexanone	10.922	43	106779	252.795	ug/l	94
60) Dibromochloromethane	11.075	129	69236	55.856	ug/l	97
61) 1,2-Dibromoethane	11.181	107	53278	56.550	ug/l	99
64) Tetrachloroethene	10.810	164	59684	49.845	ug/l	85
65) Chlorobenzene	11.604	112	196794	52.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	75059	53.800	ug/l	97
67) Ethyl Benzene	11.681	91	340286	52.405	ug/l	97
68) m/p-Xylenes	11.793	106	279411	106.362	ug/l	96
69) o-Xylene	12.122	106	131353	55.117	ug/l	96
70) Styrene	12.134	104	230798	55.872	ug/l	99
71) Bromoform	12.299	173	41291	55.633	ug/l #	100
73) Isopropylbenzene	12.422	105	324161	48.995	ug/l	96
74) N-amyl acetate	12.234	43	56277	50.536	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	62794	49.543	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	39644m	49.732	ug/l	
77) Bromobenzene	12.704	156	81060	50.659	ug/l	96
78) n-propylbenzene	12.763	91	399296	49.339	ug/l	96
79) 2-Chlorotoluene	12.851	91	216013	49.740	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	272714	50.654	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	19683	52.851	ug/l	93
82) 4-Chlorotoluene	12.946	91	233532	50.458	ug/l	99
83) tert-Butylbenzene	13.169	119	234421	50.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	279897	50.864	ug/l	97
85) sec-Butylbenzene	13.345	105	351803	48.645	ug/l	97
86) p-Isopropyltoluene	13.457	119	306288	50.309	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	175195	51.242	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	168619	49.226	ug/l	99
89) n-Butylbenzene	13.787	91	274091	48.175	ug/l	98
90) Hexachloroethane	14.051	117	60815	49.127	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	151171	52.053	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8096	47.921	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	82307	47.860	ug/l	99
94) Hexachlorobutadiene	15.204	225	44904	47.456	ug/l	98
95) Naphthalene	15.334	128	155977	51.328	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	74458	48.751	ug/l	98

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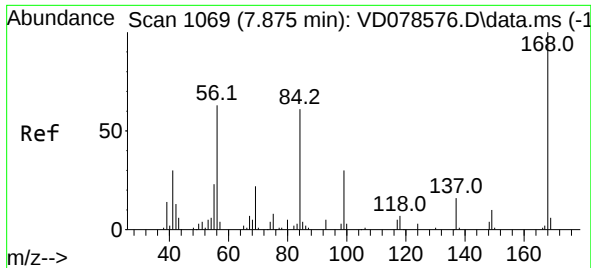
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

Quant Time: Mar 13 03:05:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

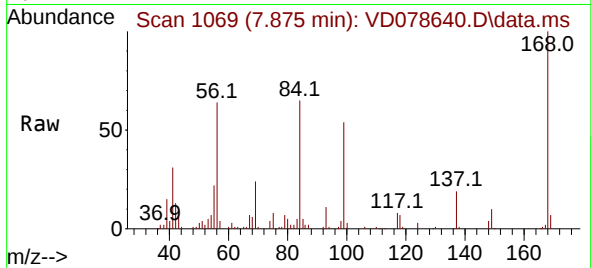
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078640.D
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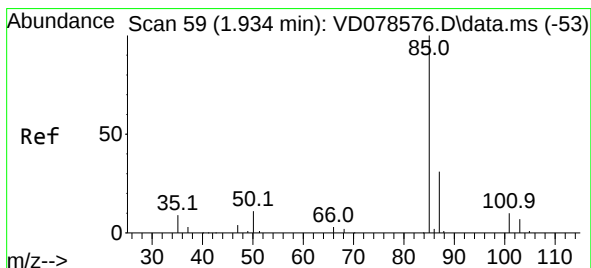
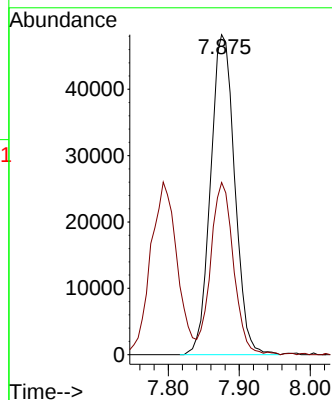
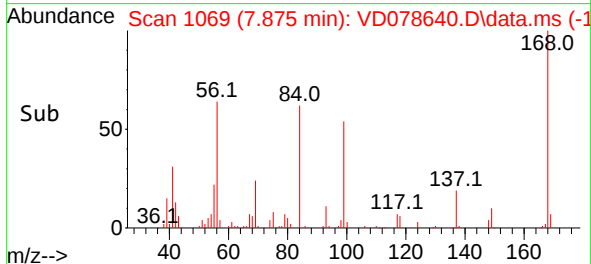
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 11358
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1

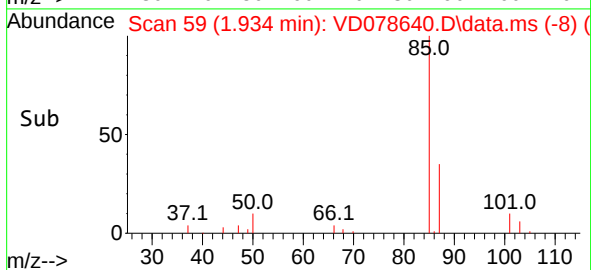
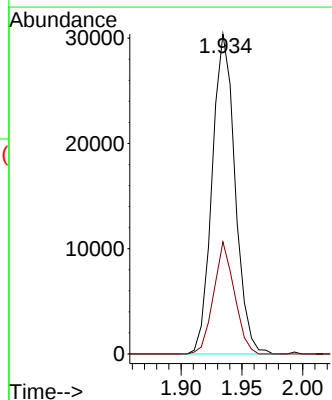
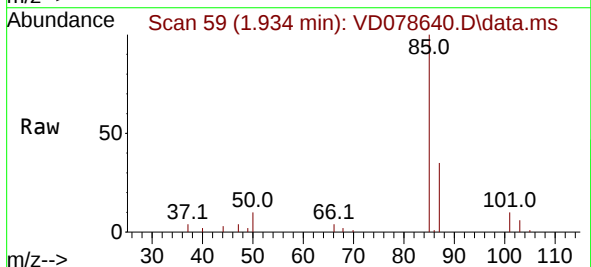
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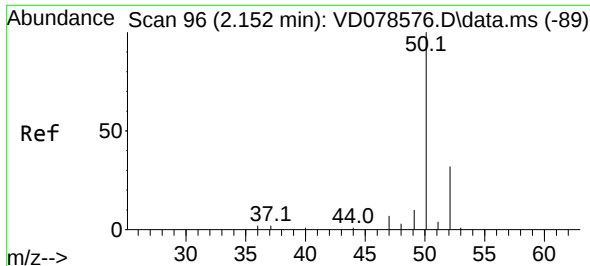
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#2
Dichlorodifluoromethane
Concen: 44.345 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

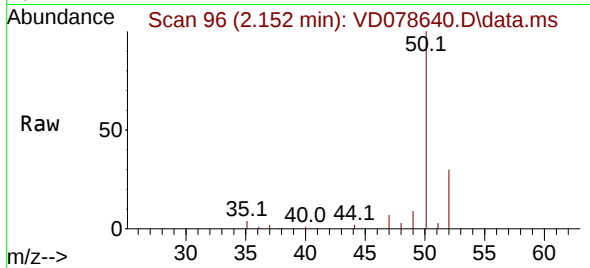
Tgt Ion: 85 Resp: 39750
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.0





#3
Chloromethane
Concen: 44.665 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

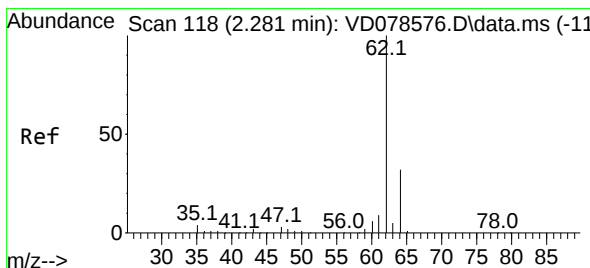
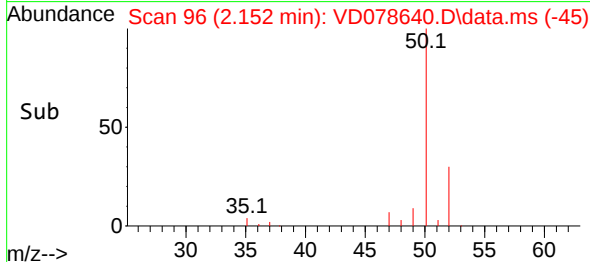
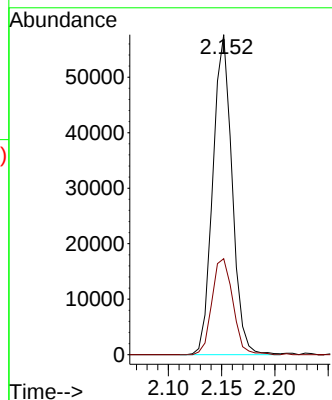
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ClientSampleId :
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Tgt Ion: 50 Resp: 72359
Ion Ratio Lower Upper
50 100
52 30.0 26.6 40.0

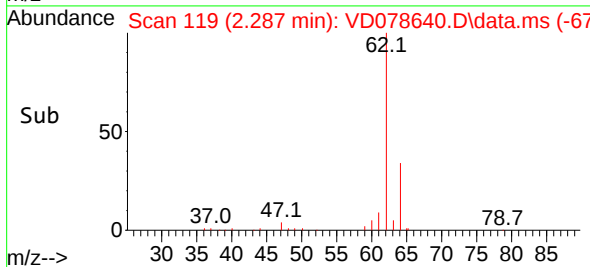
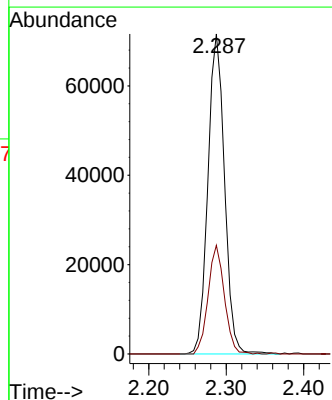
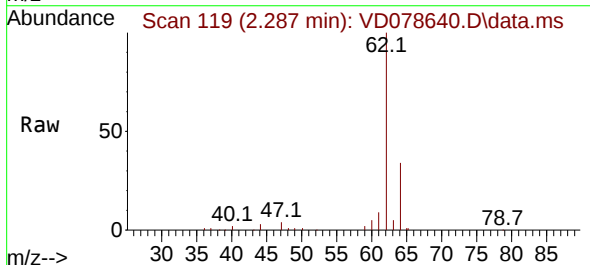
Manual Integrations
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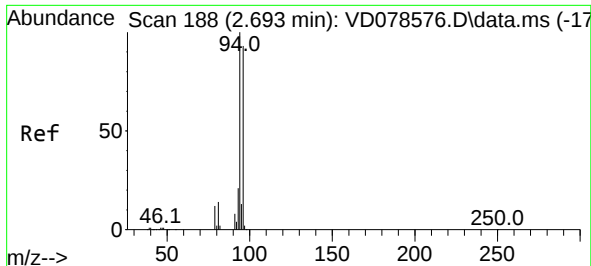
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#4
Vinyl Chloride
Concen: 38.142 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

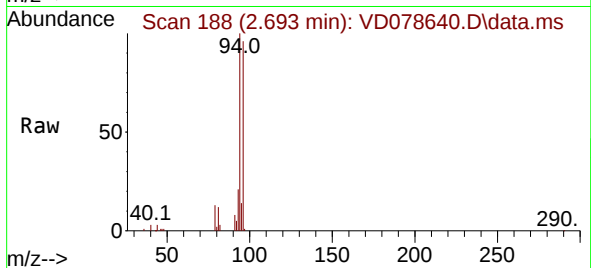
Tgt Ion: 62 Resp: 106489
Ion Ratio Lower Upper
62 100
64 33.9 26.0 39.0





#5
Bromomethane
Concen: 46.383 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

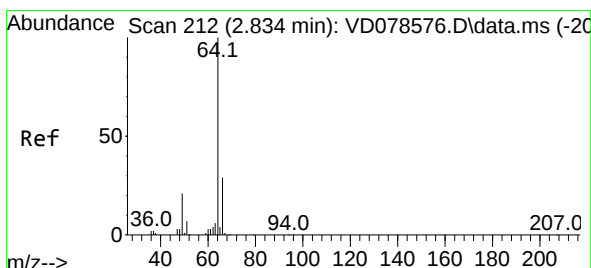
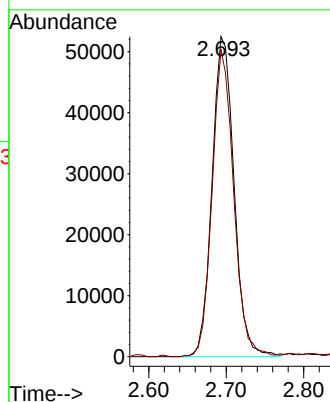
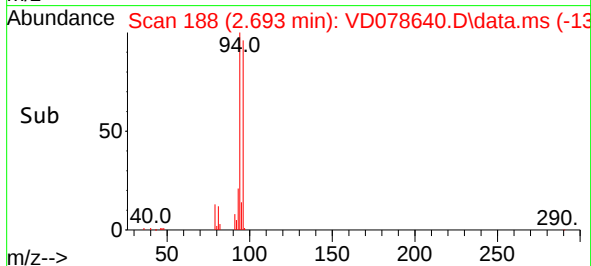
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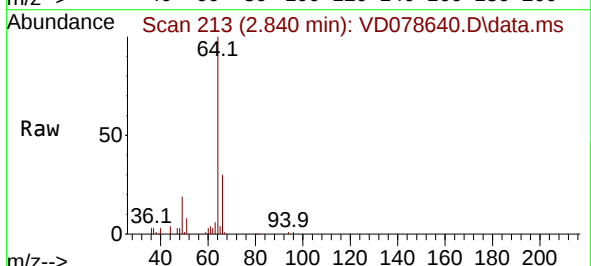
Tgt Ion: 94 Resp: 103420
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8

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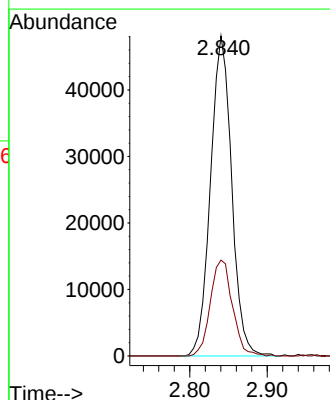
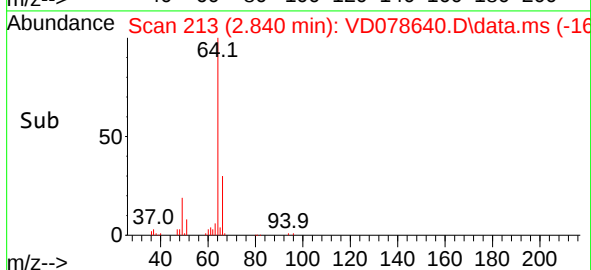
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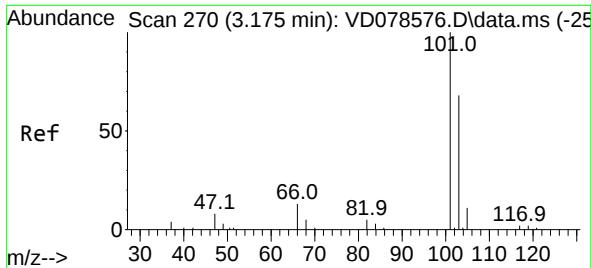


#6
Chloroethane
Concen: 44.067 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57



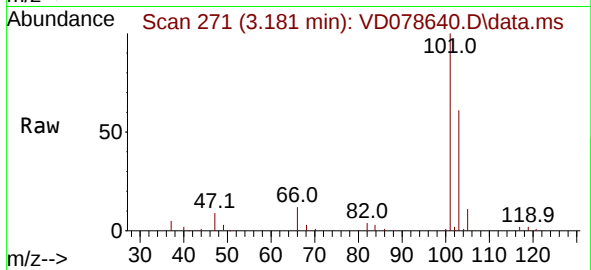
Tgt Ion: 64 Resp: 91187
Ion Ratio Lower Upper
64 100
66 30.0 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 45.173 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

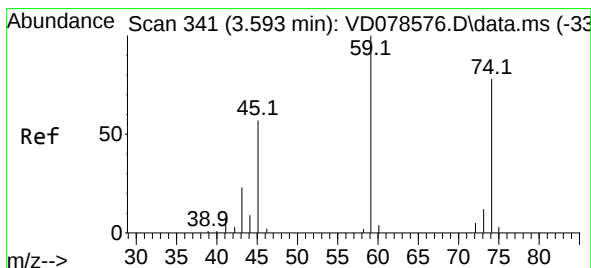
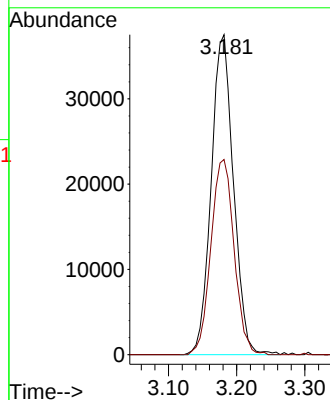
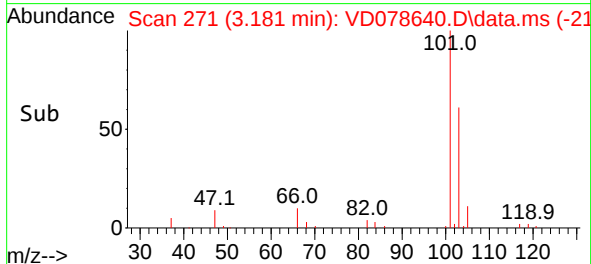
Instrument :
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Tgt Ion:101 Resp: 85278
 Ion Ratio Lower Upper
 101 100
 103 61.0 52.3 78.5

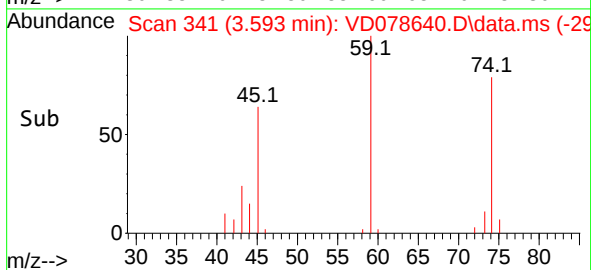
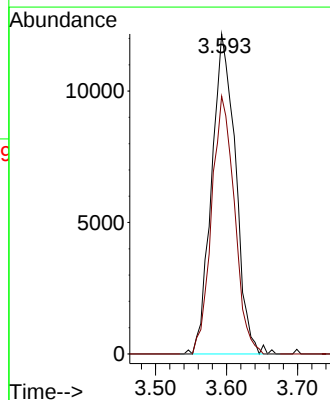
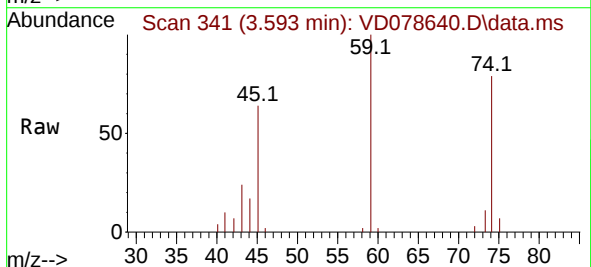
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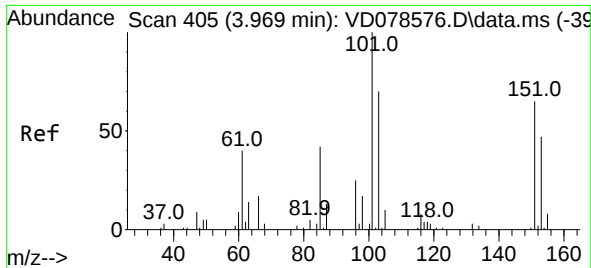
Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024



#8
 Diethyl Ether
 Concen: 53.588 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

Tgt Ion: 74 Resp: 28407
 Ion Ratio Lower Upper
 74 100
 45 77.4 37.5 112.7





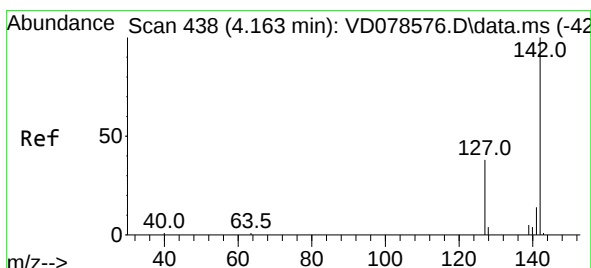
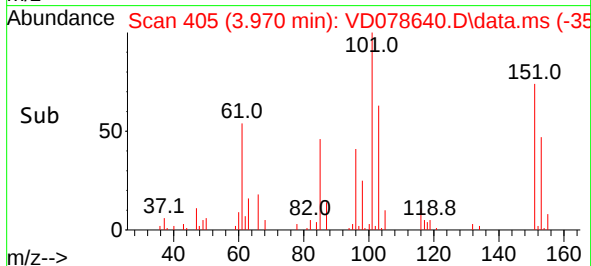
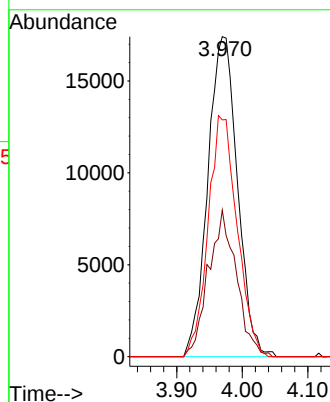
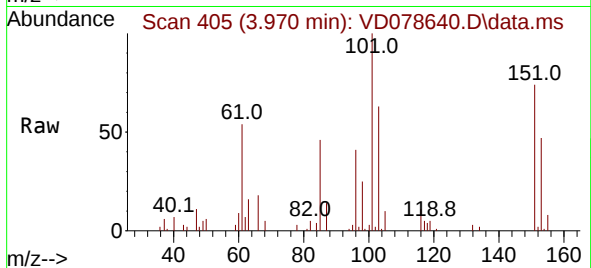
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.015 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 54749
Ion Ratio Lower Upper
101 100
85 43.1 33.8 50.6
151 73.5 59.8 89.6

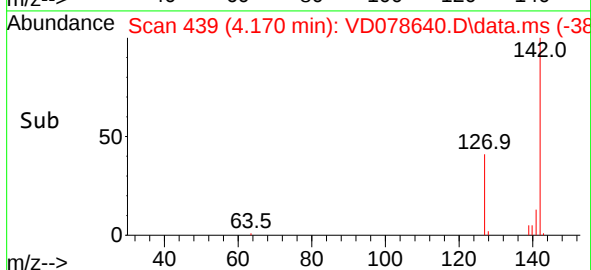
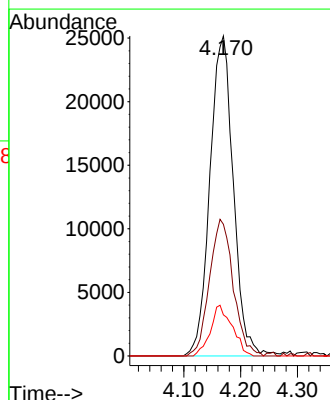
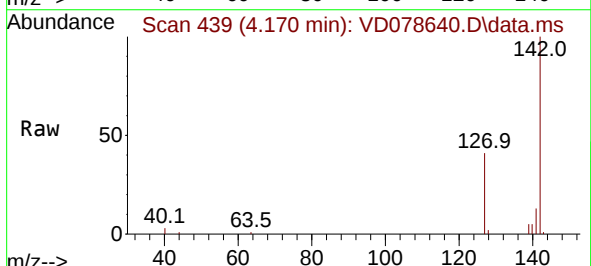
Manual Integrations
APPROVED

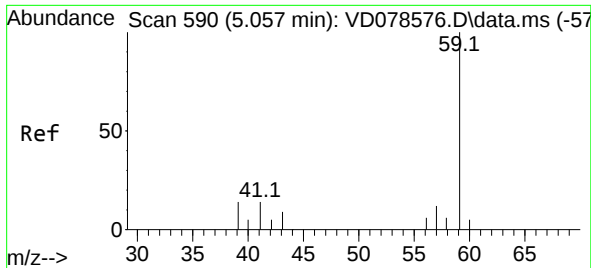
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#10
Methyl Iodide
Concen: 57.872 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:142 Resp: 72053
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 14.7 11.1 16.7





#11

Tert butyl alcohol

Concen: 238.716 ug/l

RT: 5.046 min Scan# 59

Delta R.T. -0.011 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 1266

Ion Ratio Lower Upper

59 100

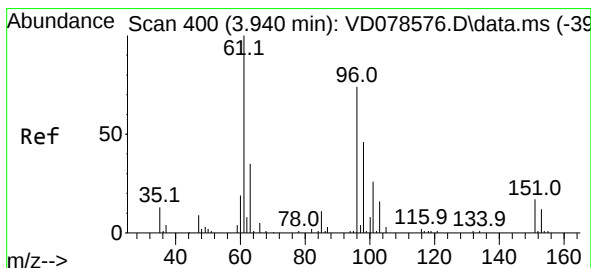
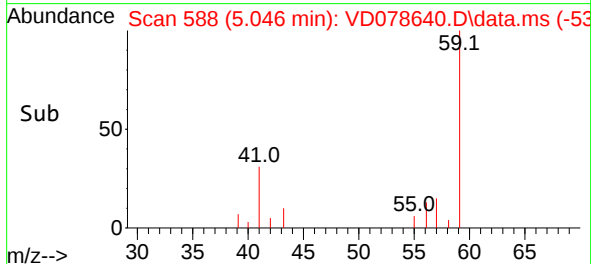
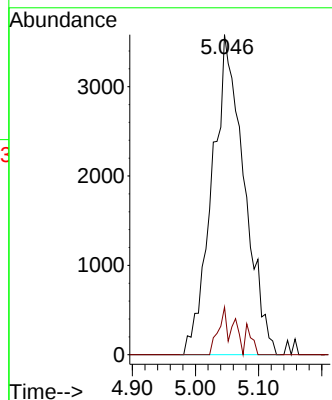
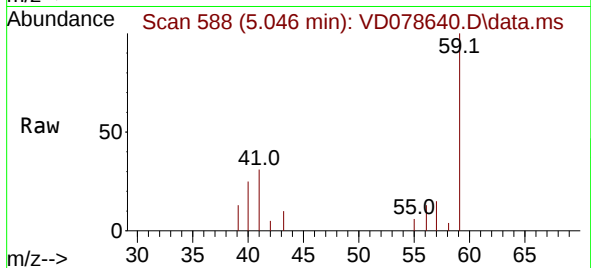
57 0.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#12

1,1-Dichloroethene

Concen: 48.603 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

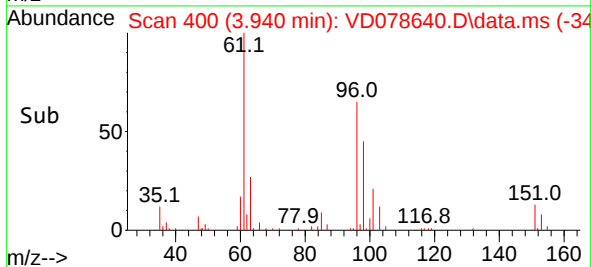
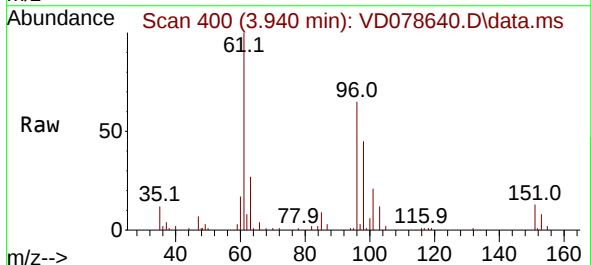
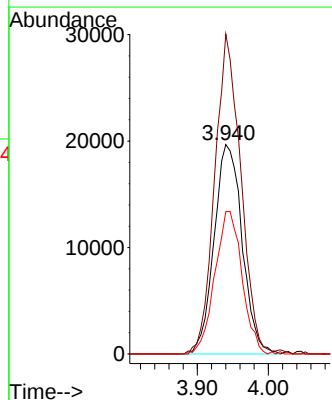
Tgt Ion: 96 Resp: 53986

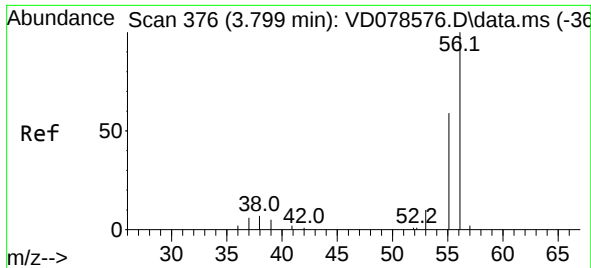
Ion Ratio Lower Upper

96 100

61 152.8 100.6 150.8

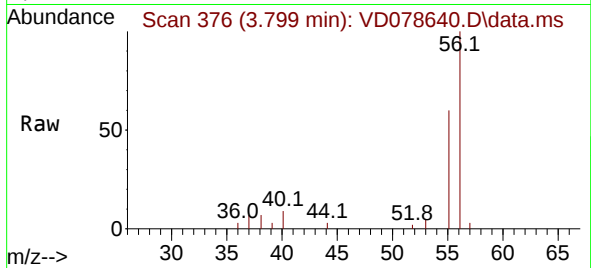
98 68.0 50.2 75.2





#13
Acrolein
Concen: 198.366 ug/l
RT: 3.799 min Scan# 376
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

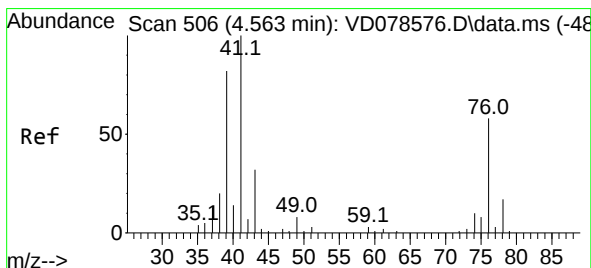
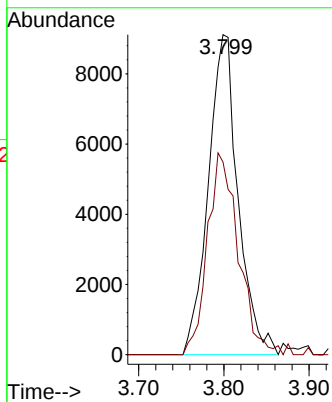
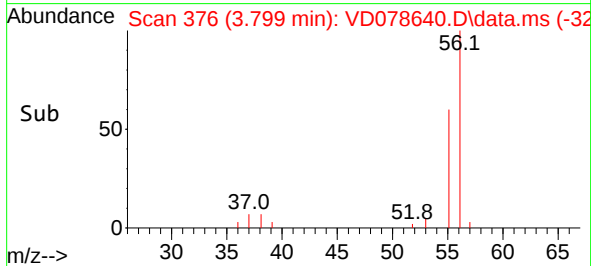
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



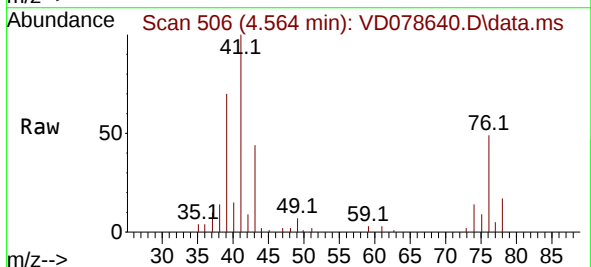
Tgt Ion: 56 Resp: 22150
Ion Ratio Lower Upper
56 100
55 65.5 55.1 82.7

Manual Integrations
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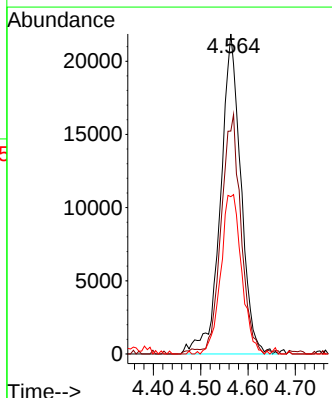
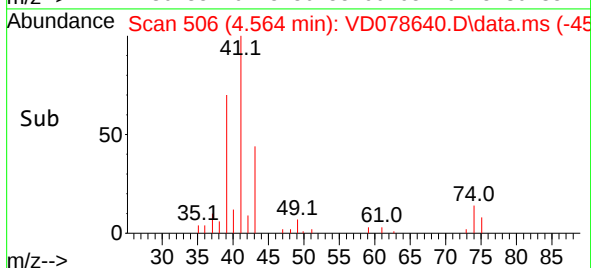
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

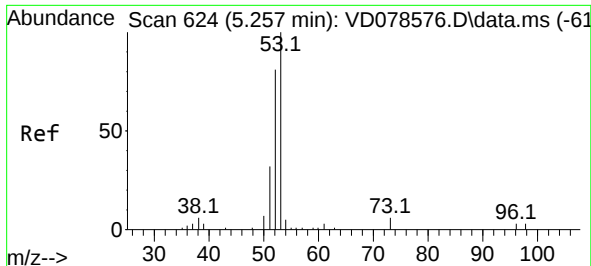


#14
Allyl chloride
Concen: 51.539 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57



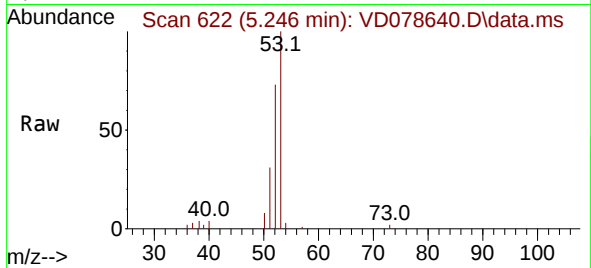
Tgt Ion: 41 Resp: 65203
Ion Ratio Lower Upper
41 100
39 72.2 53.8 80.6
76 51.0 45.8 68.8





#15
Acrylonitrile
Concen: 283.107 ug/l
RT: 5.246 min Scan# 6187
Delta R.T. -0.011 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

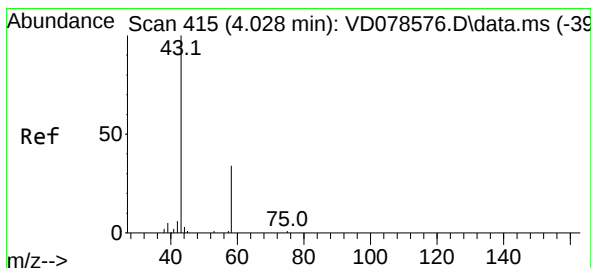
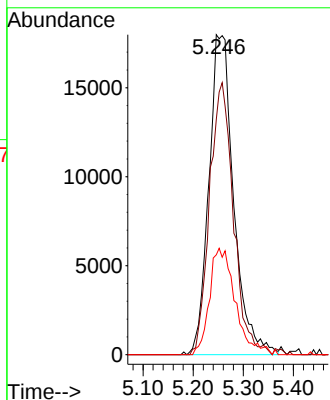
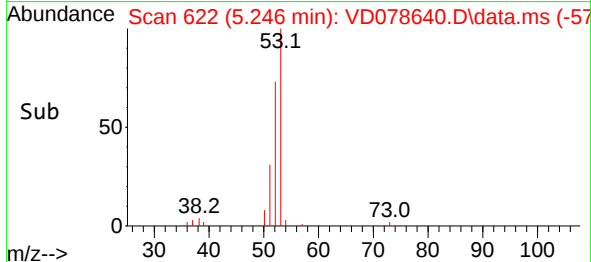
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 6187
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.4
51 34.5 28.3 42.5

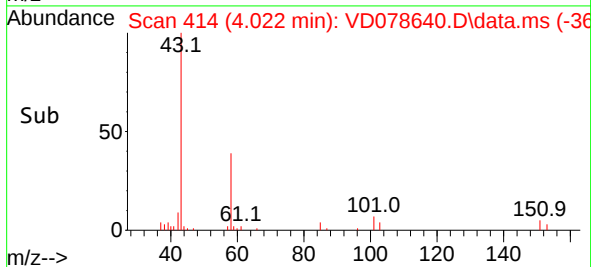
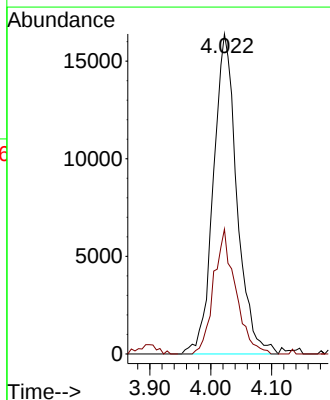
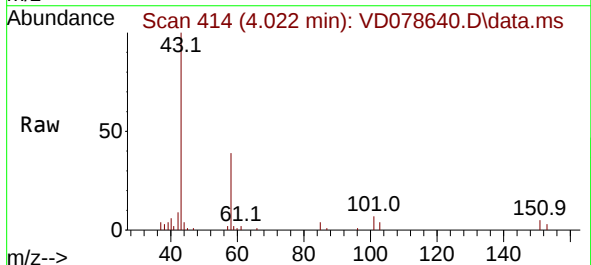
Manual Integrations
APPROVED

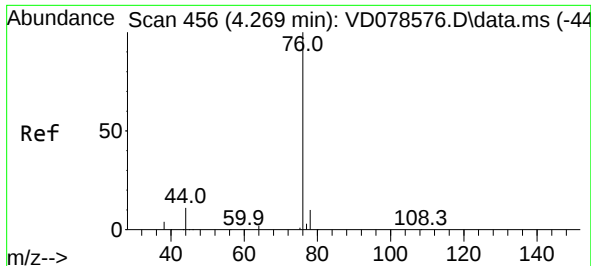
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#16
Acetone
Concen: 204.282 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 43 Resp: 44065
Ion Ratio Lower Upper
43 100
58 39.0 34.7 52.1





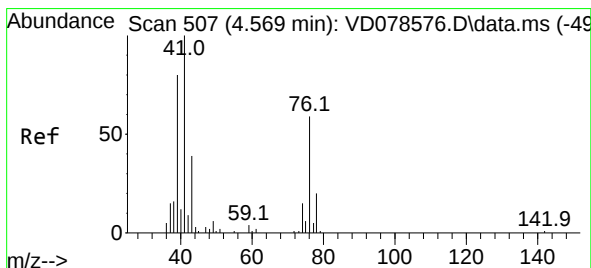
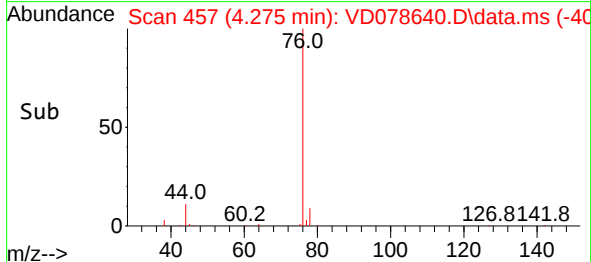
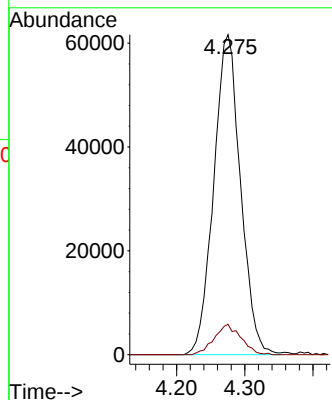
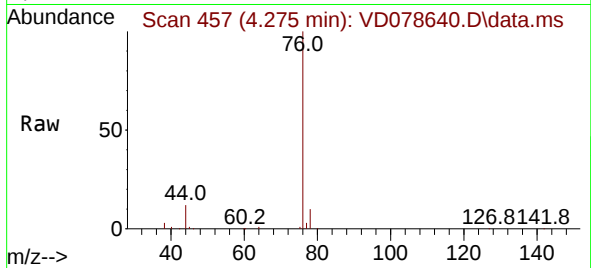
#17
Carbon Disulfide
Concen: 45.548 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 16855
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

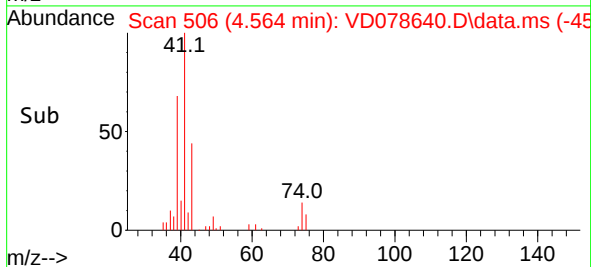
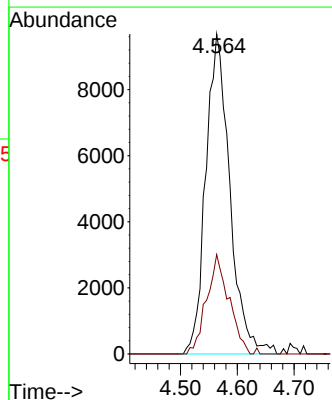
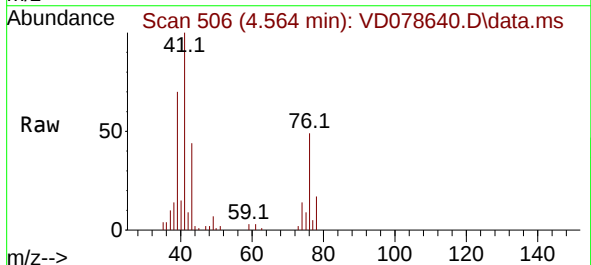
Manual Integrations
APPROVED

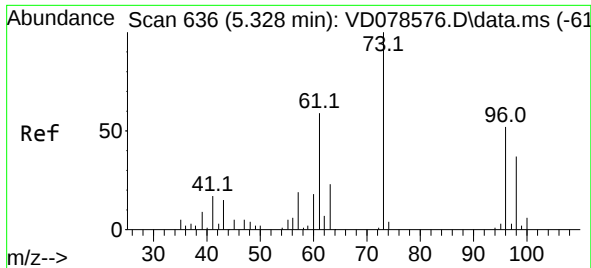
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#18
Methyl Acetate
Concen: 69.590 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 43 Resp: 28413
Ion Ratio Lower Upper
43 100
74 28.9 26.4 39.6





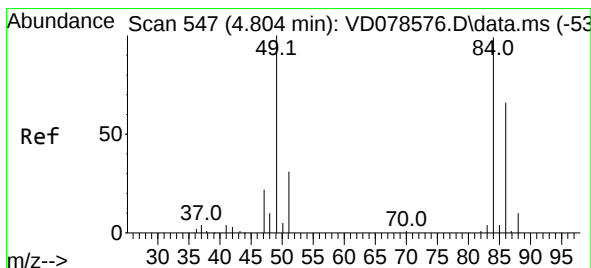
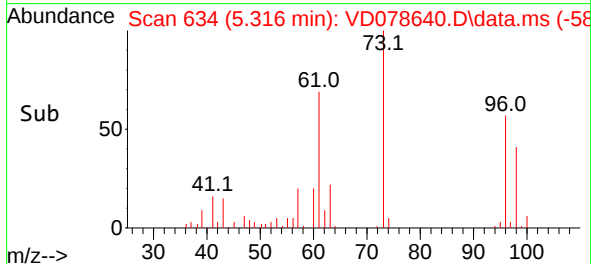
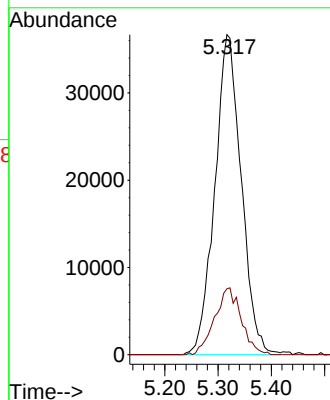
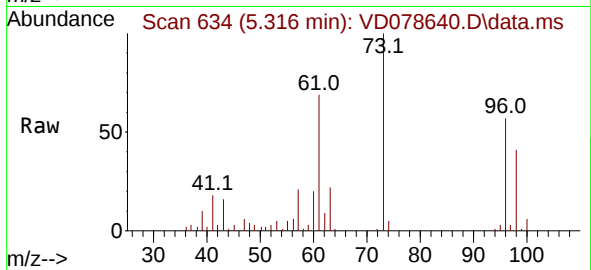
#19
Methyl tert-butyl Ether
Concen: 56.011 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 126490
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0

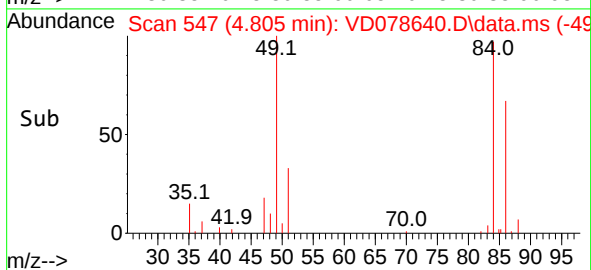
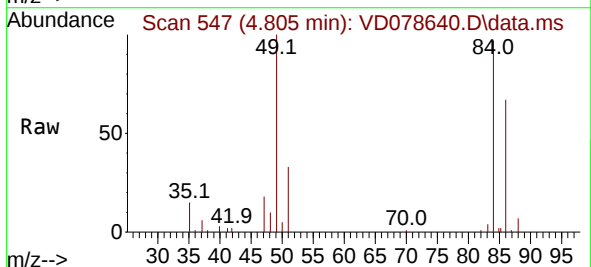
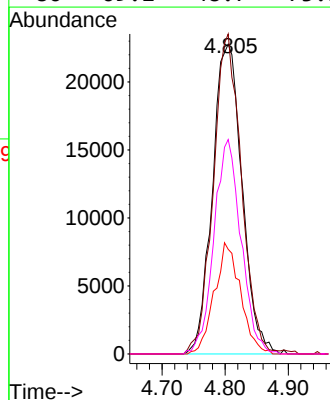
Manual Integrations
APPROVED

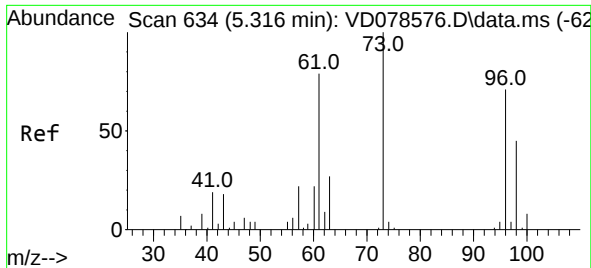
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#20
Methylene Chloride
Concen: 50.241 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

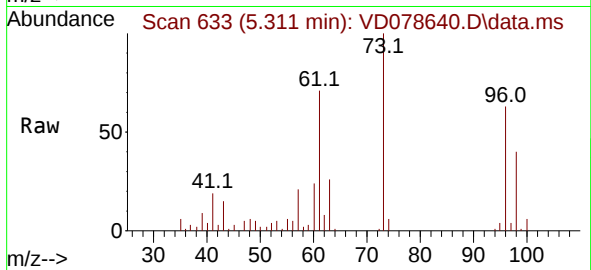
Tgt Ion: 84 Resp: 74102
Ion Ratio Lower Upper
84 100
49 103.3 71.4 107.2
51 33.8 24.5 36.7
86 69.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 52.015 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

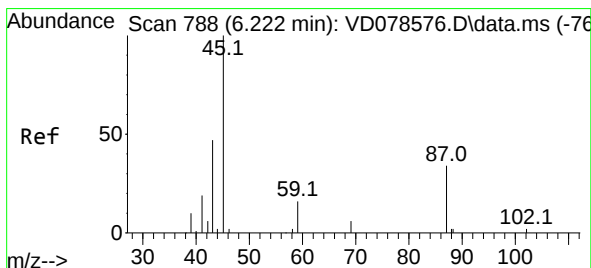
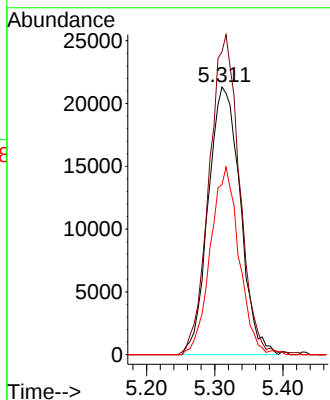
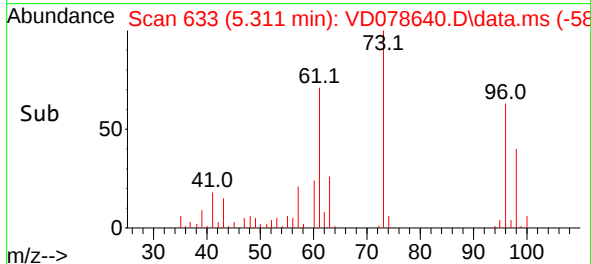
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 69420
Ion Ratio Lower Upper
96 100
61 113.2 89.3 133.9
98 63.6 48.6 73.0

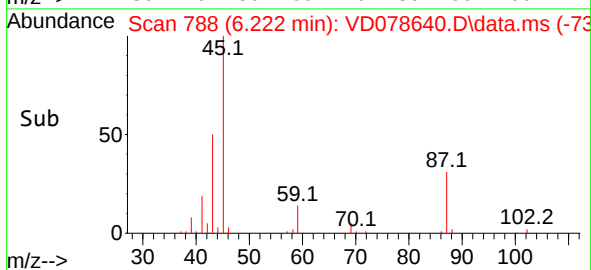
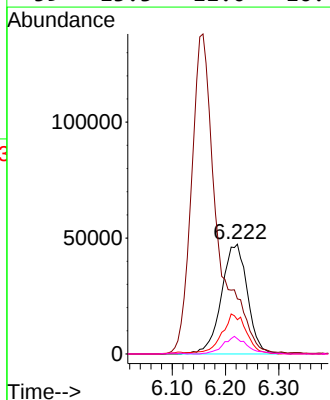
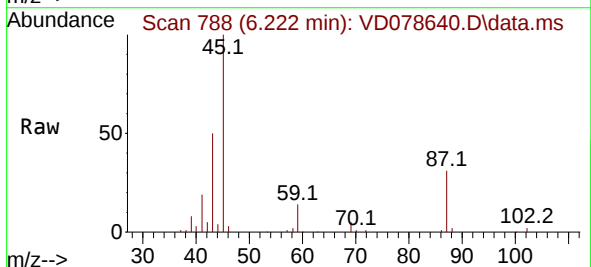
Manual Integrations
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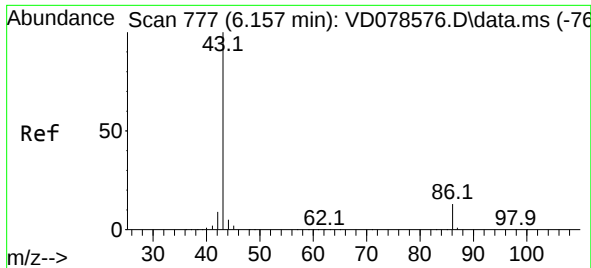
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#22
Diisopropyl ether
Concen: 56.550 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

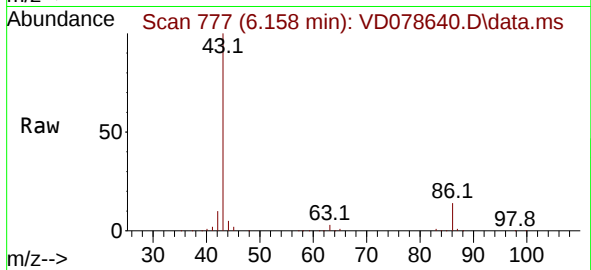
Tgt Ion: 45 Resp: 160401
Ion Ratio Lower Upper
45 100
43 48.6 40.0 60.0
87 31.2 28.2 42.4
59 13.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 276.240 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

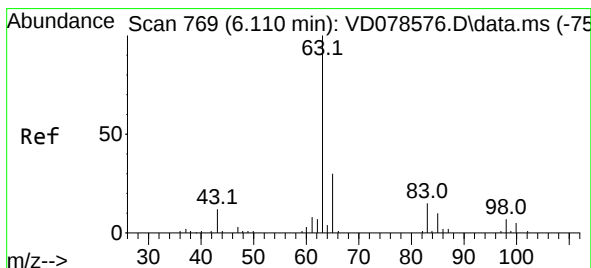
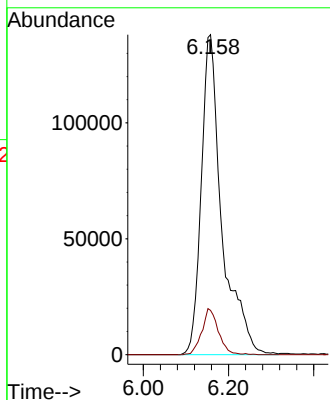
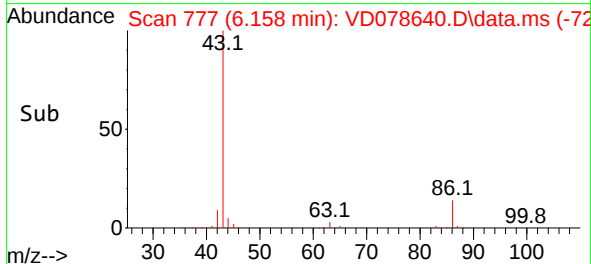
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



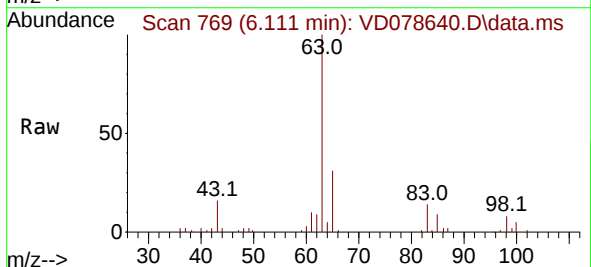
Tgt Ion: 43 Resp: 46536
 Ion Ratio Lower Upper
 43 100
 86 13.9 12.5 18.7

Manual Integrations
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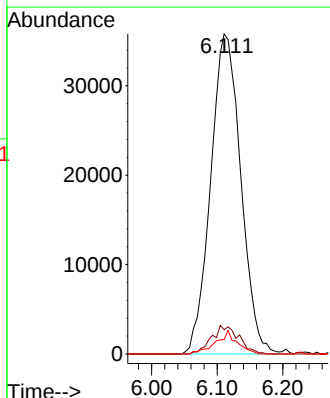
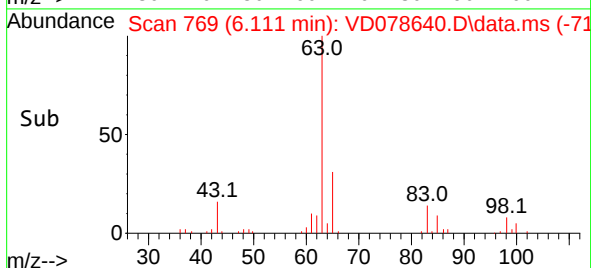
Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

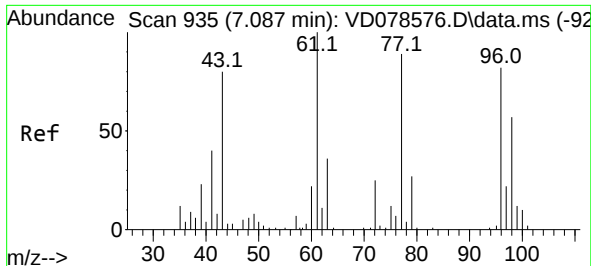


#24
 1,1-Dichloroethane
 Concen: 53.398 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57



Tgt Ion: 63 Resp: 114425
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 239.286 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 65109

Ion Ratio Lower Upper

43 100

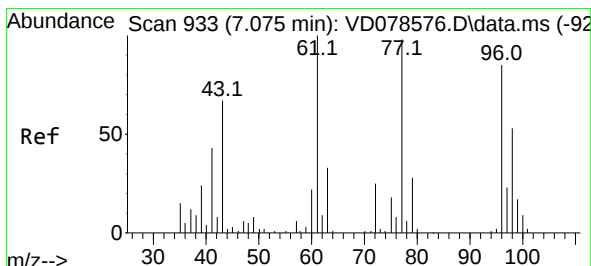
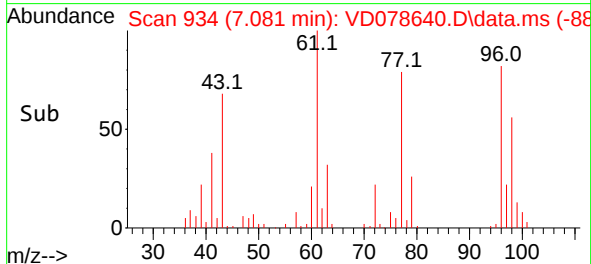
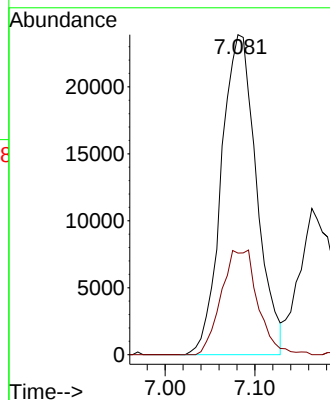
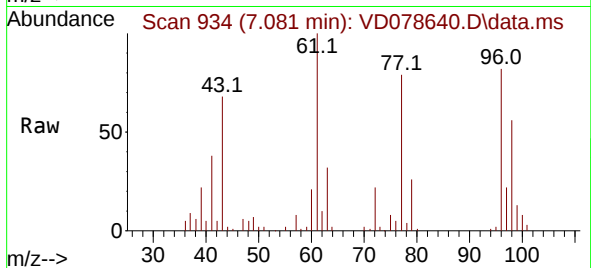
72 31.7 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#26

2,2-Dichloropropane

Concen: 47.232 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078640.D

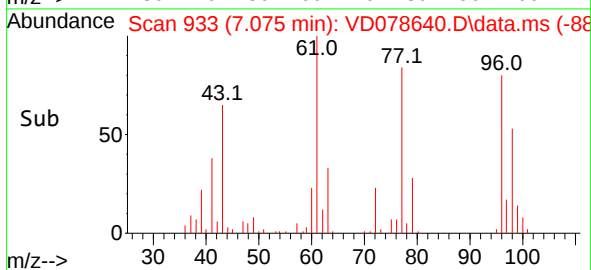
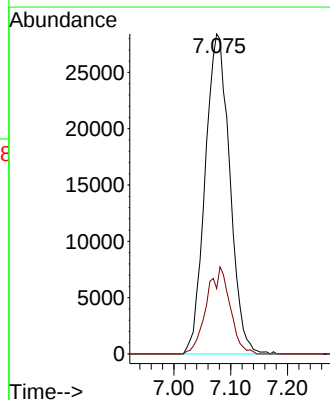
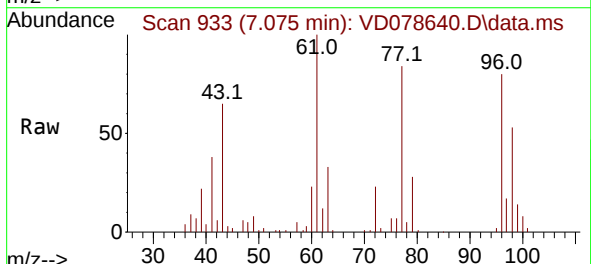
Acq: 12 Mar 2024 16:57

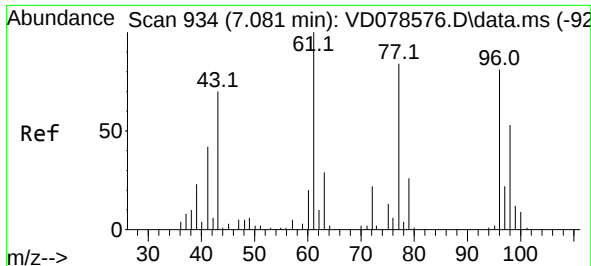
Tgt Ion: 77 Resp: 85505

Ion Ratio Lower Upper

77 100

97 25.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 54.444 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7956

Ion Ratio Lower Upper

96 100

61 123.6 0.0 239.2

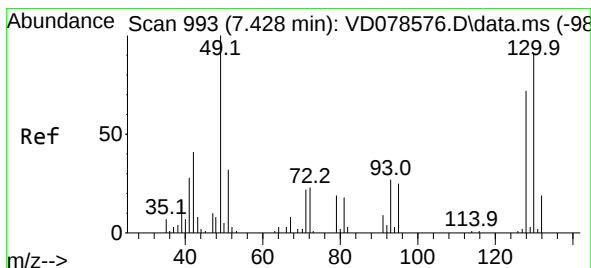
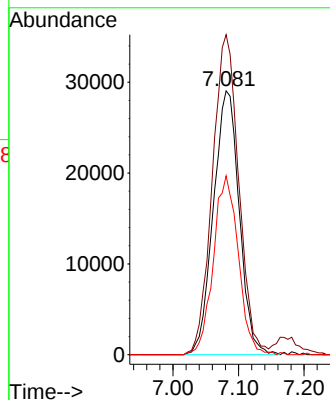
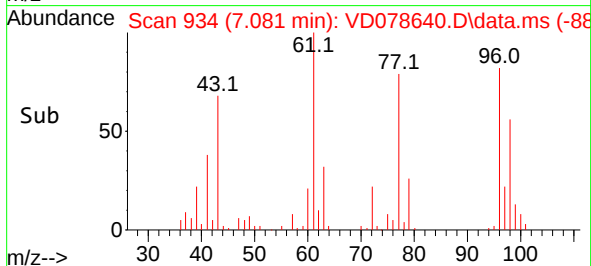
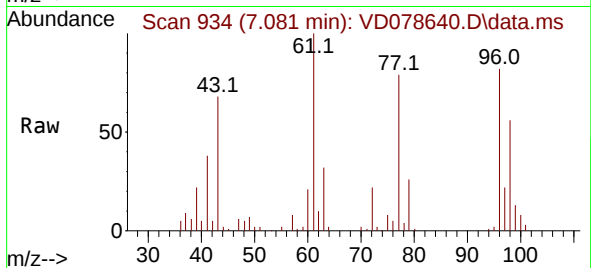
98 65.2 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#28

Bromochloromethane

Concen: 59.523 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

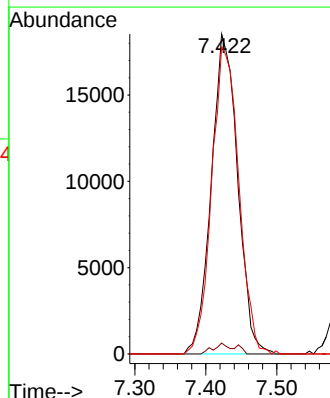
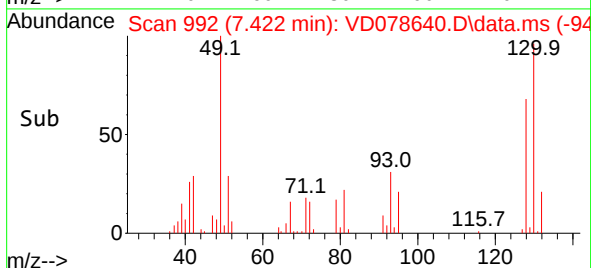
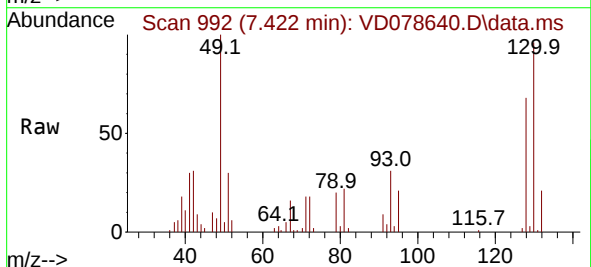
Tgt Ion: 49 Resp: 47651

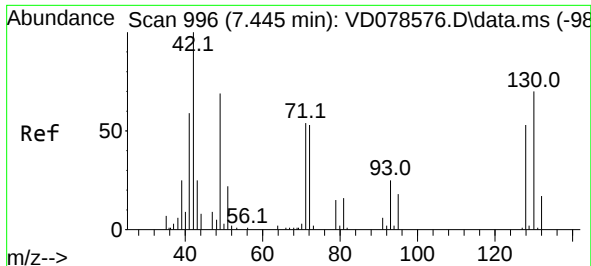
Ion Ratio Lower Upper

49 100

129 2.1 0.0 6.0

130 98.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 284.703 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

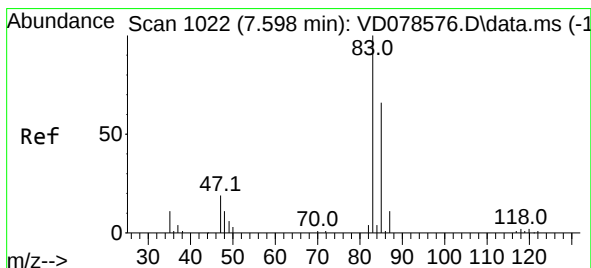
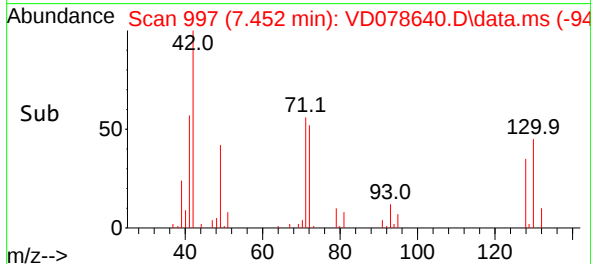
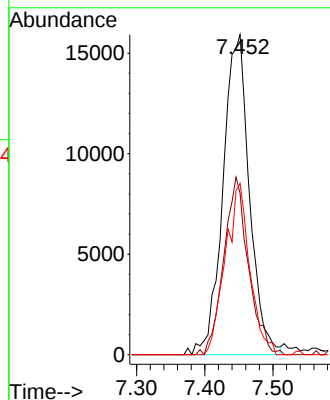
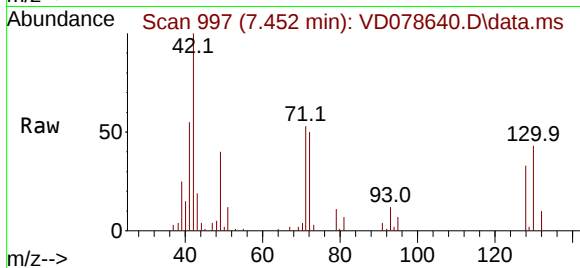
Tgt Ion: 42 Resp: 43038

Ion	Ratio	Lower	Upper
42	100		
72	51.6	46.5	69.7
71	49.5	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#30

Chloroform

Concen: 55.153 ug/l

RT: 7.599 min Scan# 1022

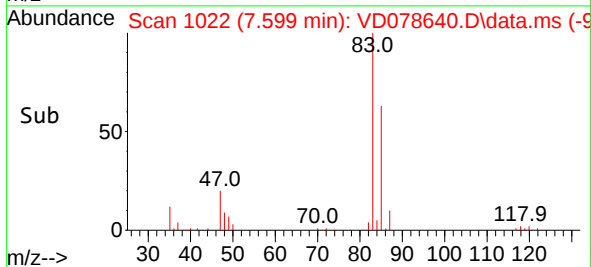
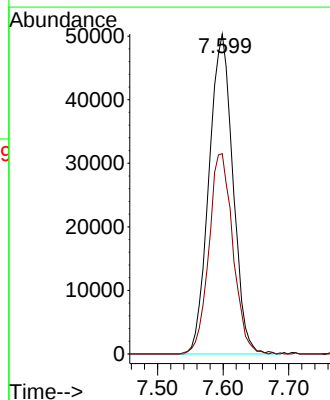
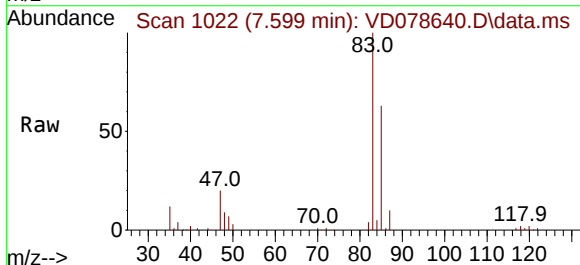
Delta R.T. 0.000 min

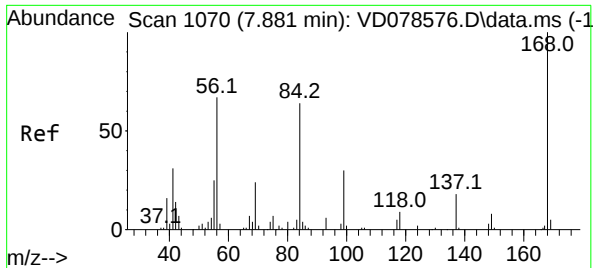
Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion: 83 Resp: 127611

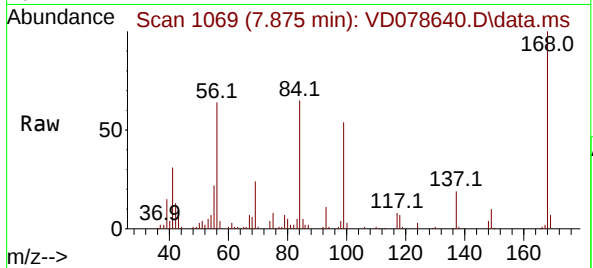
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.4	80.2





#31
Cyclohexane
Concen: 44.538 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

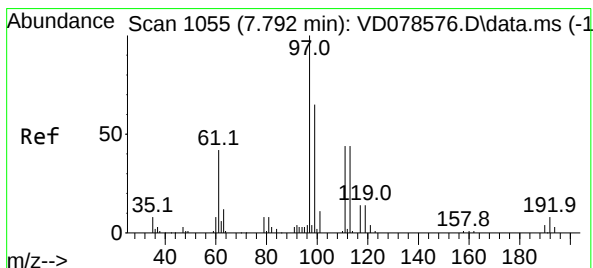
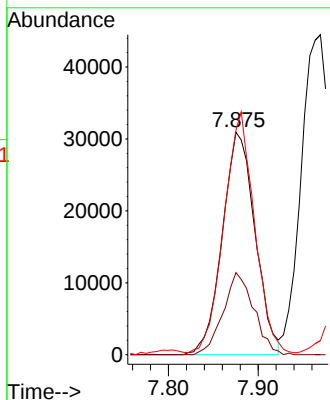
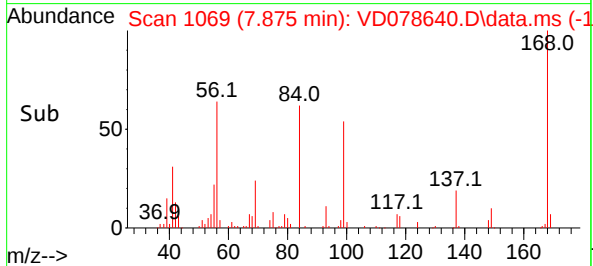
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



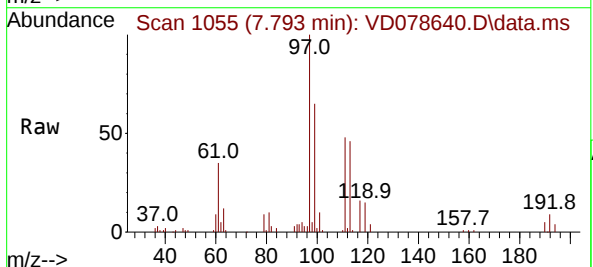
Tgt Ion: 56 Resp: 7848
Ion Ratio Lower Upper
56 100
69 36.9 28.6 43.0
84 99.3 84.8 127.2

Manual Integrations
APPROVED

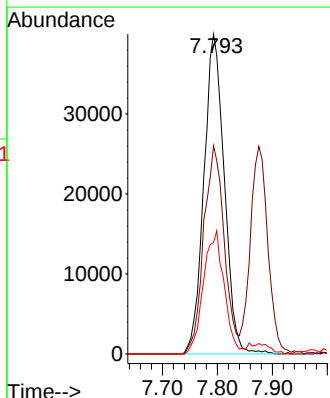
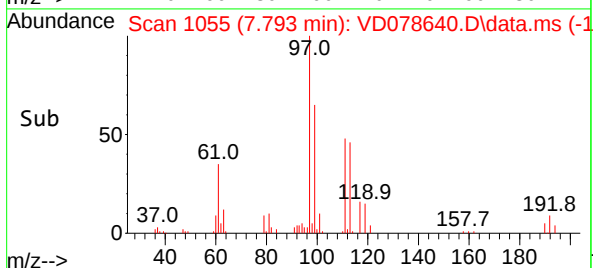
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

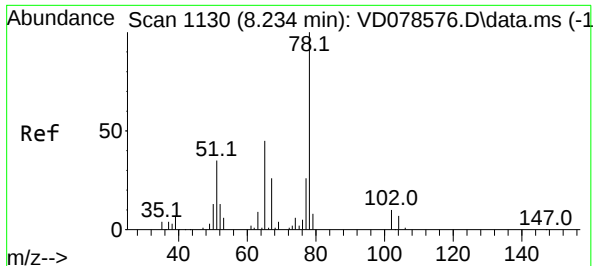


#32
1,1,1-Trichloroethane
Concen: 52.001 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57



Tgt Ion: 97 Resp: 103215
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 39.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.915 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 57320

Ion Ratio Lower Upper

65 100

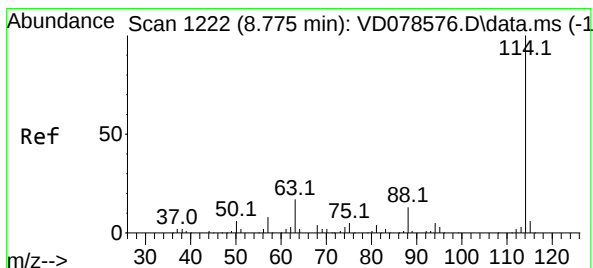
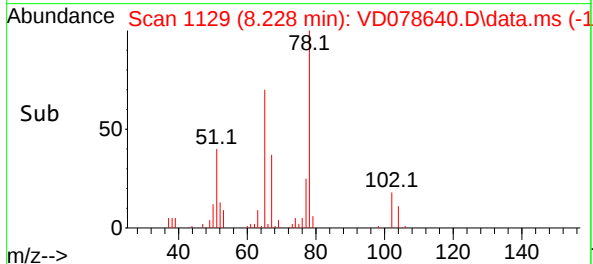
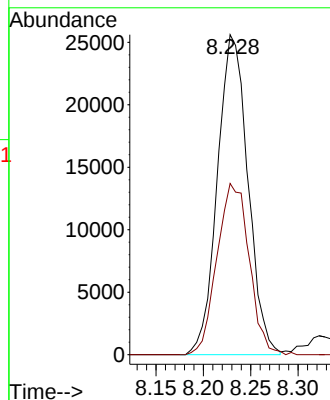
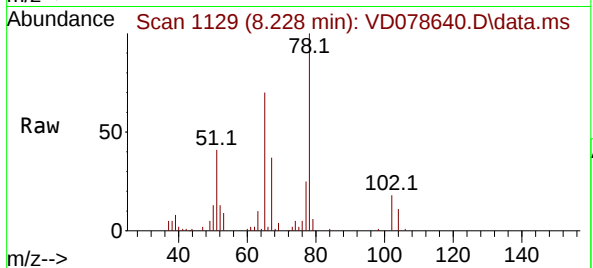
67 56.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

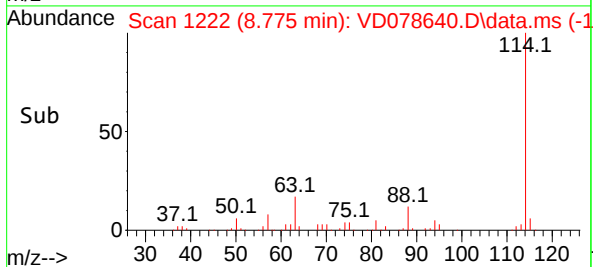
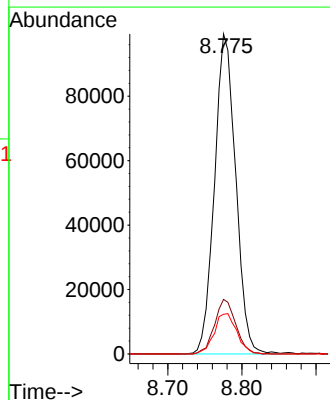
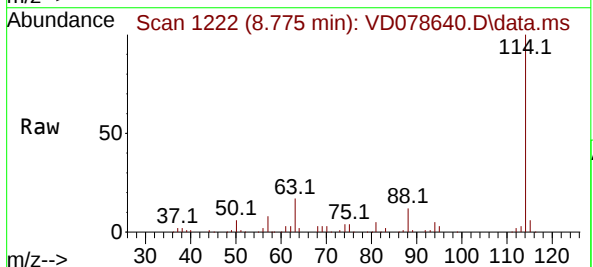
Tgt Ion:114 Resp: 197315

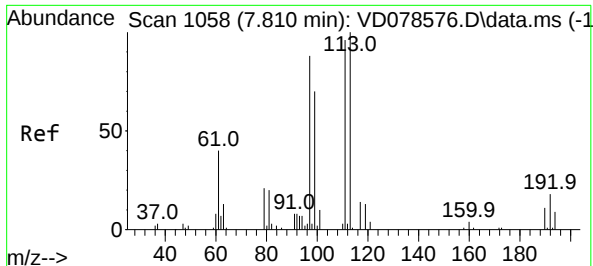
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 12.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.358 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

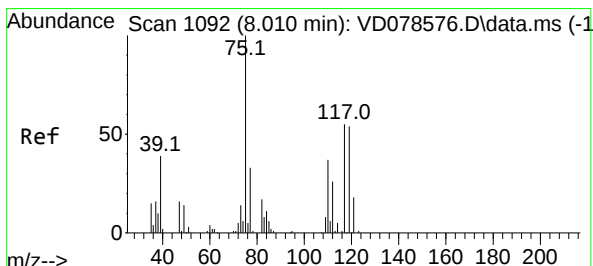
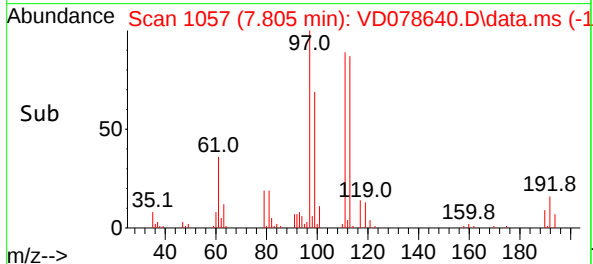
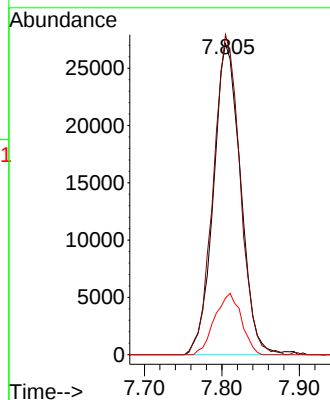
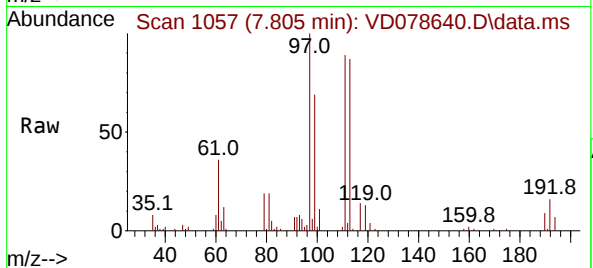
Tgt Ion: 113 Resp: 65919

Ion	Ratio	Lower	Upper
113	100		
111	102.1	84.7	127.1
192	19.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#36

1,1-Dichloropropene

Concen: 48.633 ug/l

RT: 8.010 min Scan# 1092

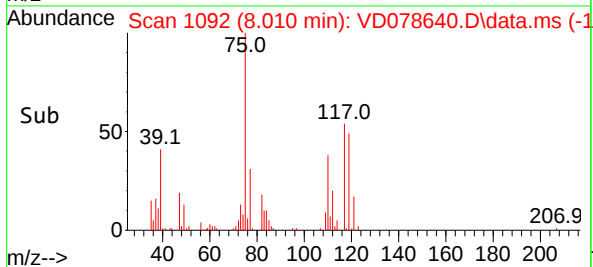
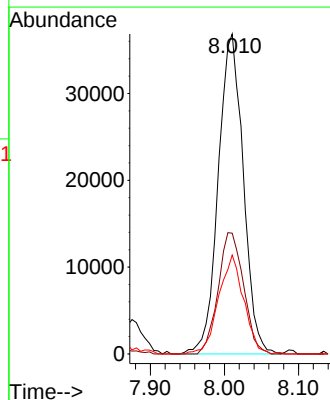
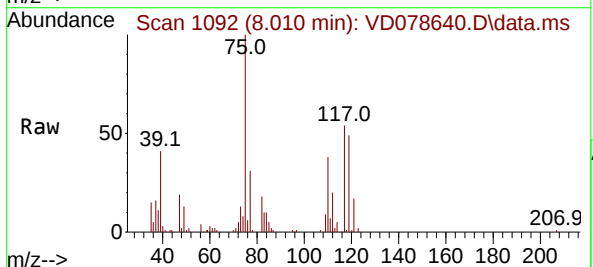
Delta R.T. 0.000 min

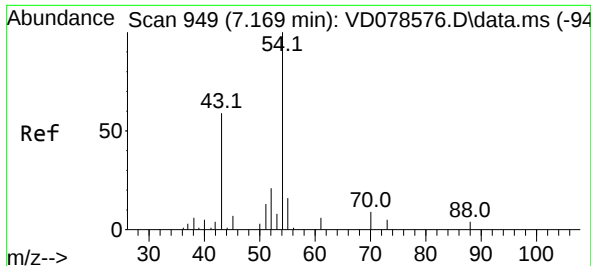
Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion: 75 Resp: 86378

Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.9	59.6
77	31.1	24.7	37.1





#37

Ethyl Acetate

Concen: 48.816 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

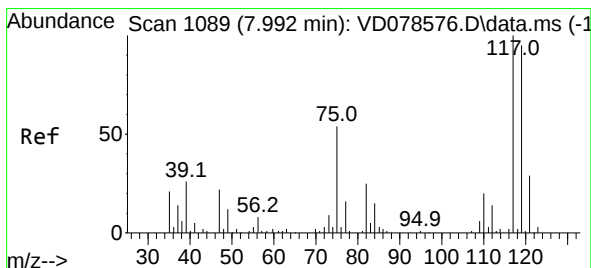
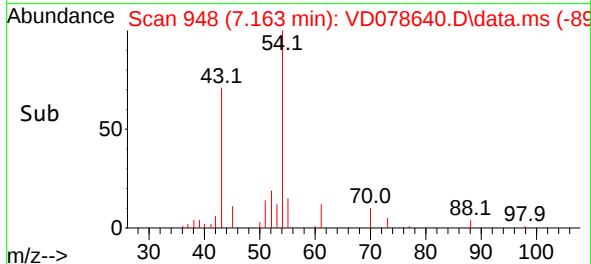
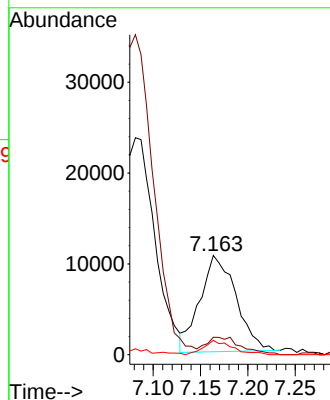
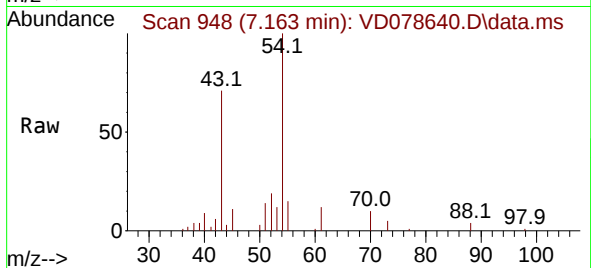
VSTDCCC050EC

Tgt Ion:	43	Resp:	2809
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.9	22.3
70	11.7	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#38

Carbon Tetrachloride

Concen: 47.616 ug/l

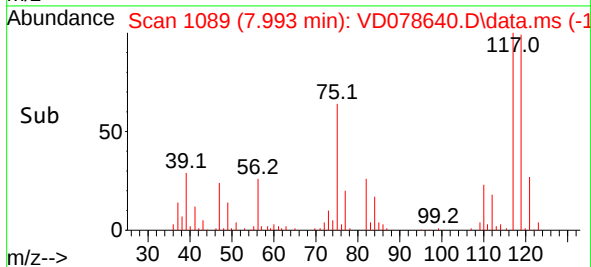
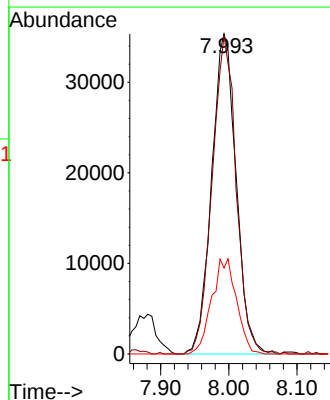
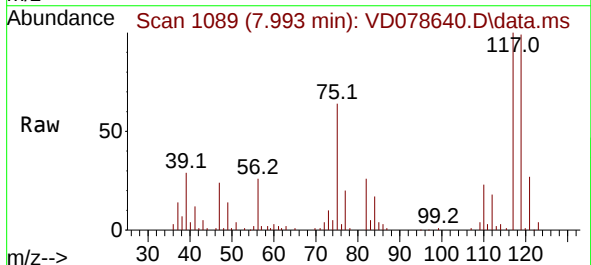
RT: 7.993 min Scan# 1089

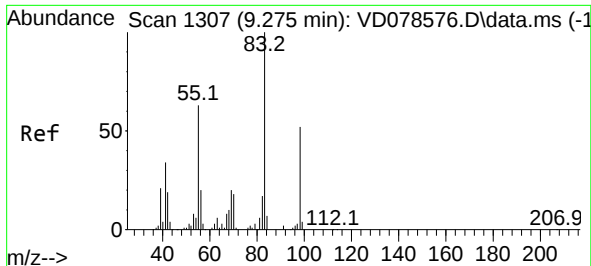
Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion:	117	Resp:	88457
Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.0	117.0
121	26.9	24.2	36.2





#39

Methylcyclohexane

Concen: 46.182 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078640.D

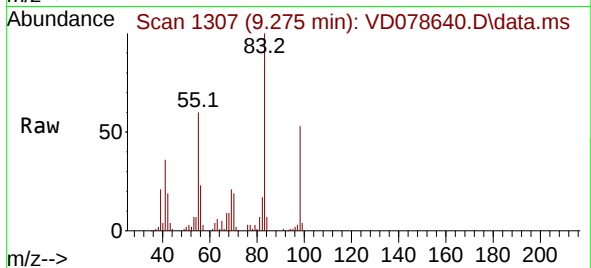
Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

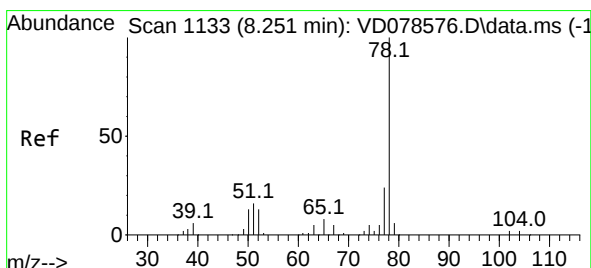
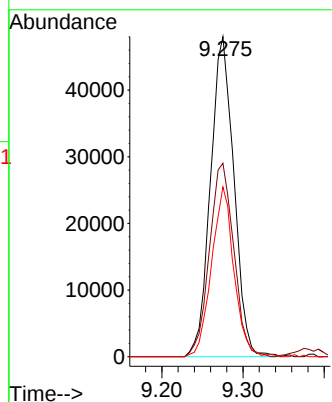
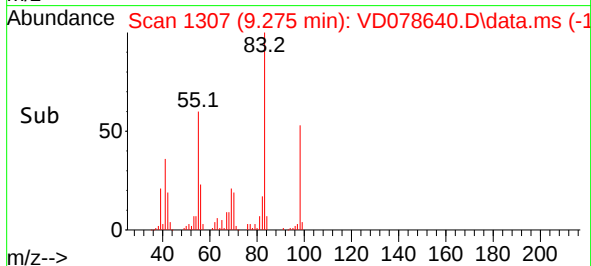


Tgt Ion:	83	Resp:	96272
Ion Ratio	Lower	Upper	
83	100		
55	60.5	49.4	74.0
98	53.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#40

Benzene

Concen: 53.045 ug/l

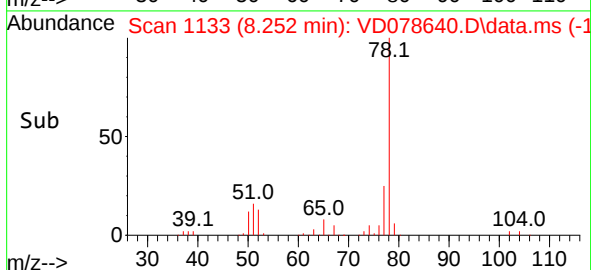
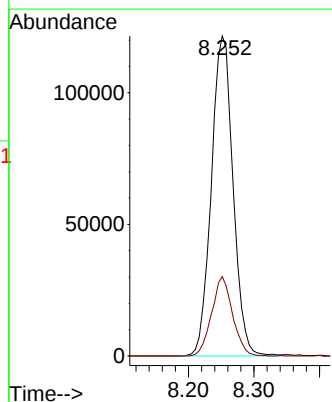
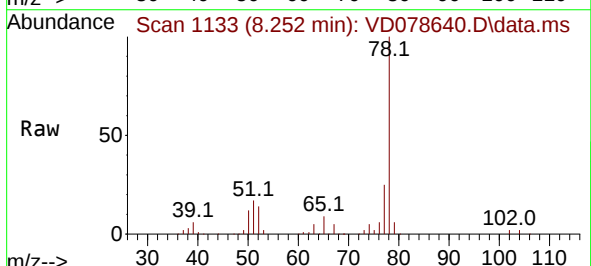
RT: 8.252 min Scan# 1133

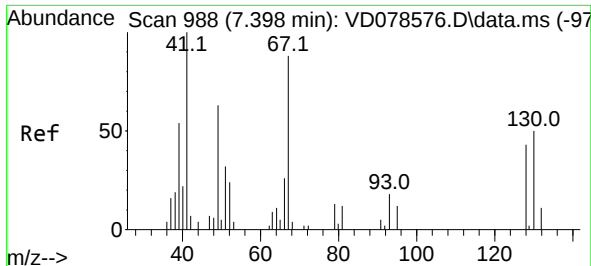
Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion:	78	Resp:	279255
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.4	29.0





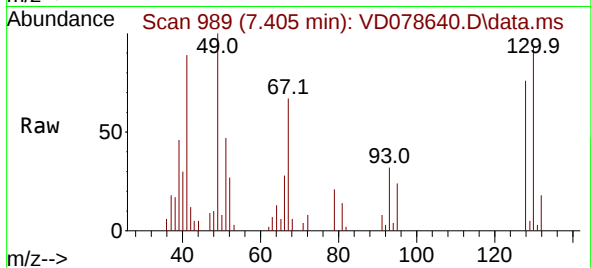
#41
Methacrylonitrile
Concen: 60.428 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

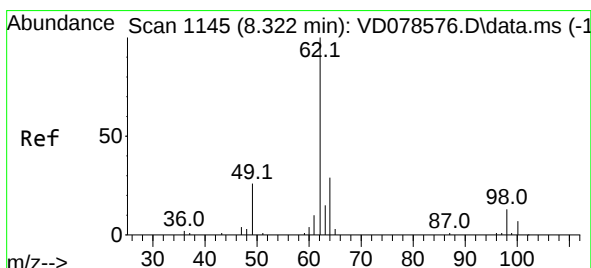
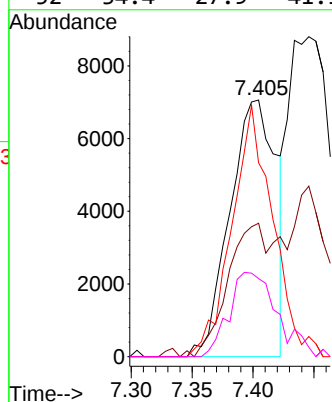
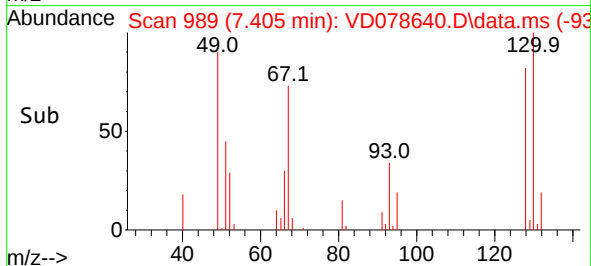


Tgt Ion: 41 Resp: 18639
Ion Ratio Lower Upper
41 100
39 48.4 34.0 51.0
67 86.9 77.0 115.4
52 34.4 27.9 41.9

Manual Integrations

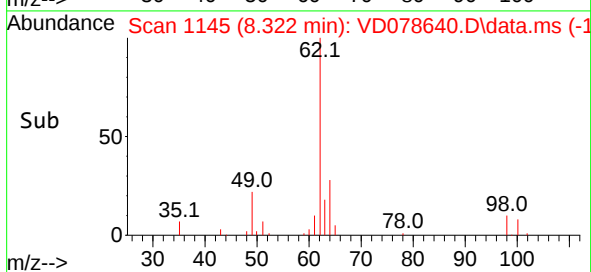
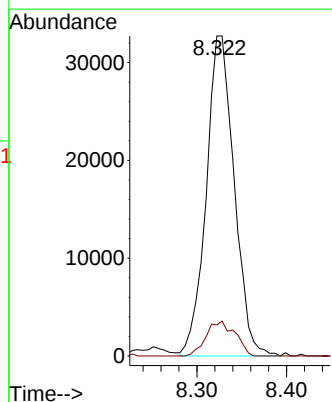
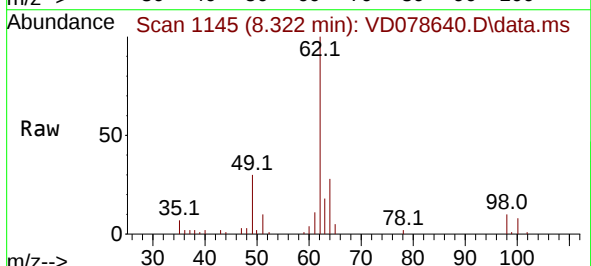
APPROVED

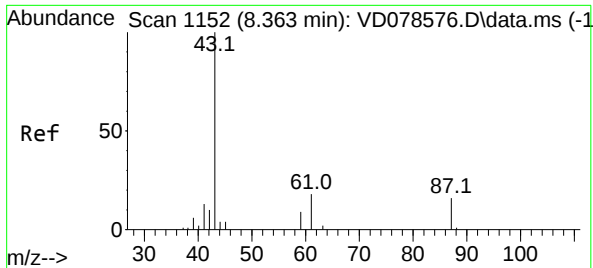
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#42
1,2-Dichloroethane
Concen: 53.108 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

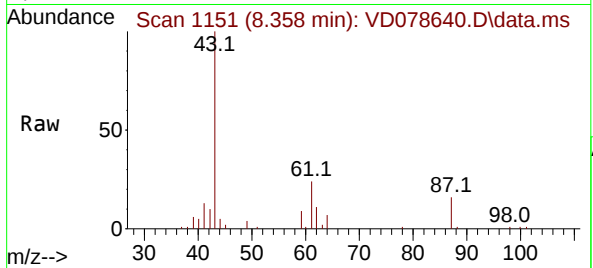
Tgt Ion: 62 Resp: 70930
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4





#43
Isopropyl Acetate
Concen: 50.826 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

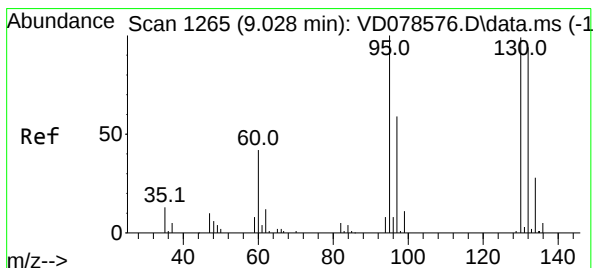
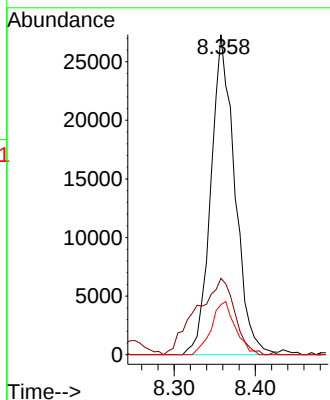
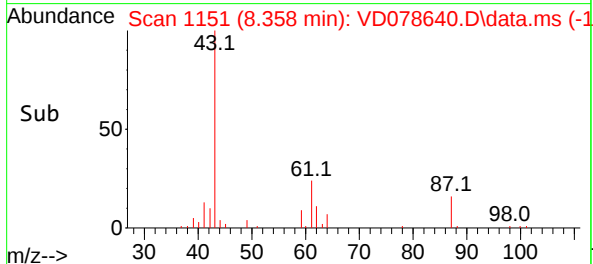
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 5607
Ion Ratio Lower Upper
43 100
61 37.9 31.4 47.0
87 16.5 14.9 22.3

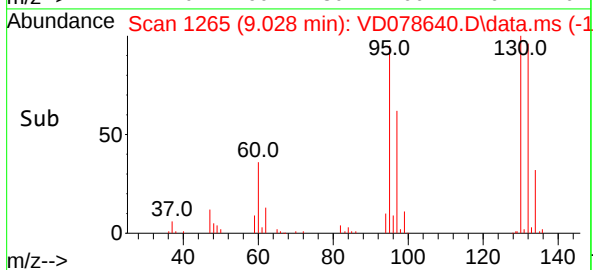
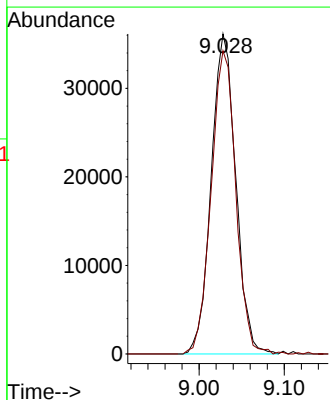
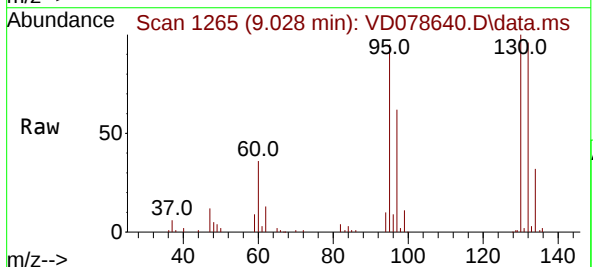
Manual Integrations
APPROVED

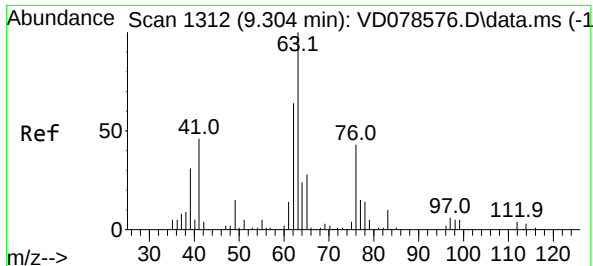
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#44
Trichloroethene
Concen: 50.029 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:130 Resp: 72275
Ion Ratio Lower Upper
130 100
95 94.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.479 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6763

Ion Ratio Lower Upper

63 100

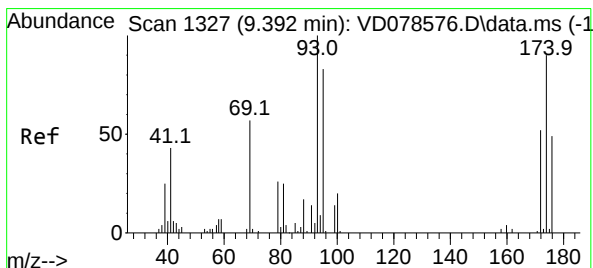
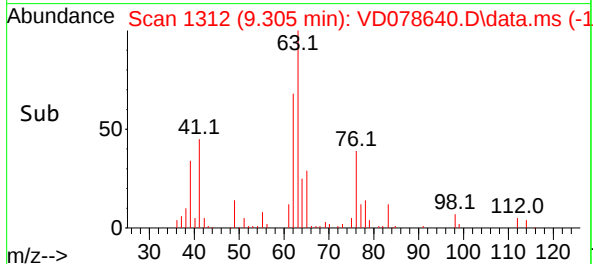
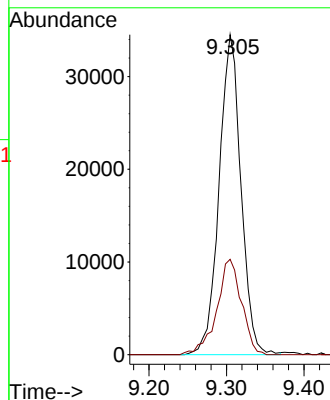
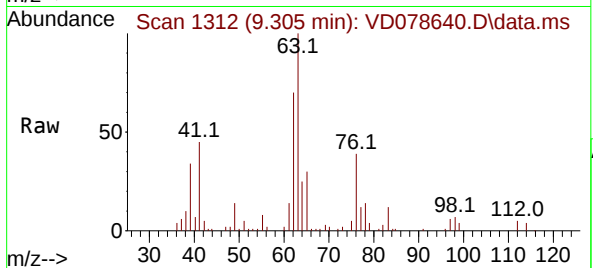
65 29.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#46

Dibromomethane

Concen: 54.932 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

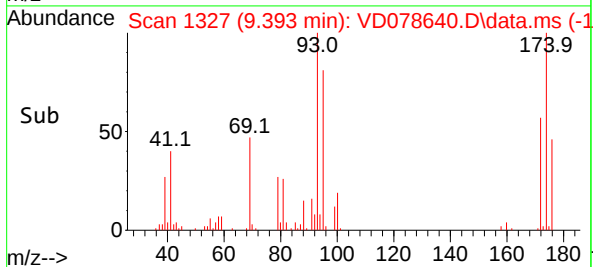
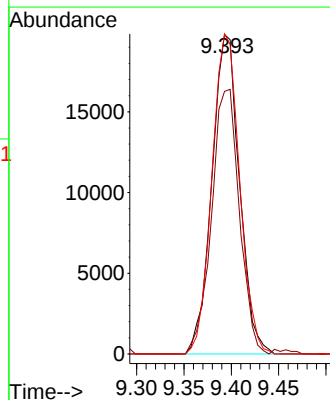
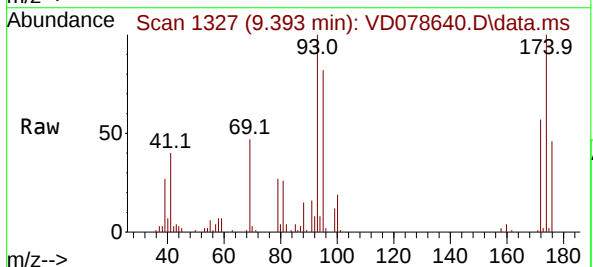
Tgt Ion: 93 Resp: 40048

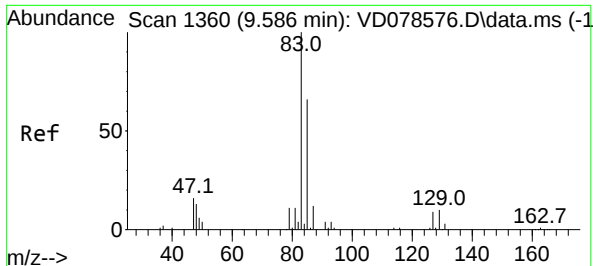
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

174 100.2 85.4 128.2





#47

Bromodichloromethane

Concen: 54.845 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

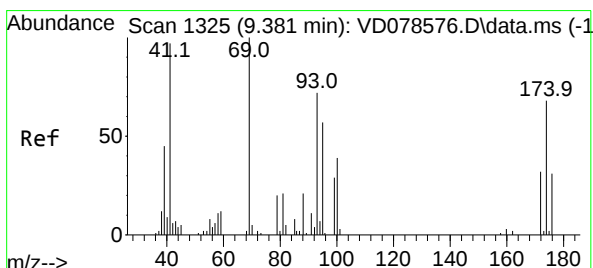
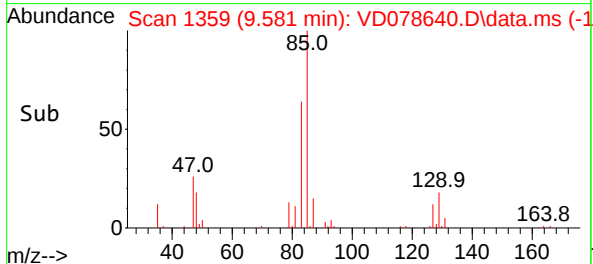
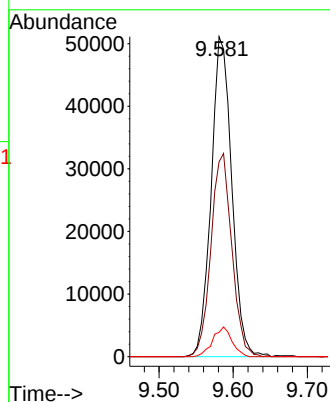
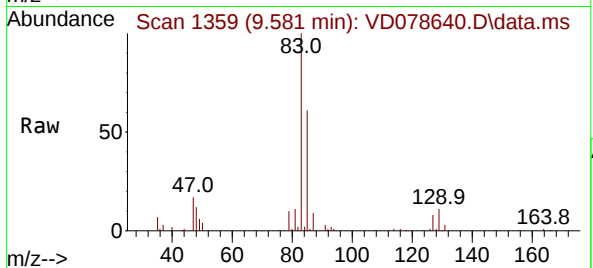
VSTDCCC050EC

Tgt Ion: 83	Resp: 9859
Ion Ratio	Lower Upper
83	100
85	60.9 50.2 75.4
127	7.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#48

Methyl methacrylate

Concen: 50.673 ug/l

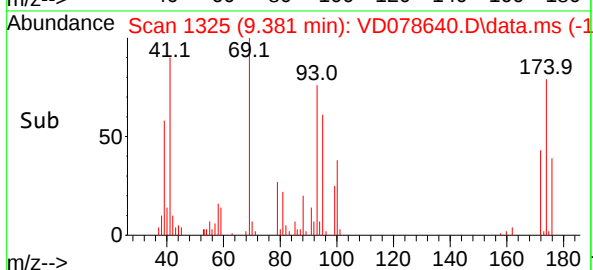
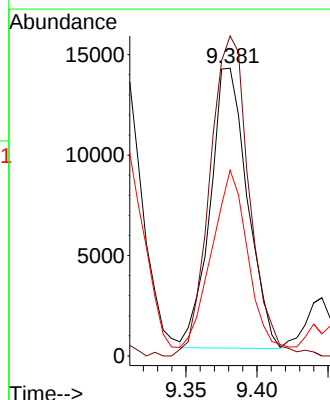
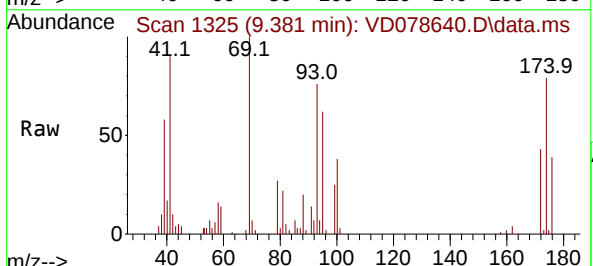
RT: 9.381 min Scan# 1325

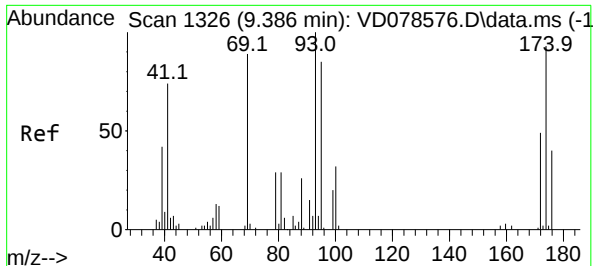
Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion: 41	Resp: 25326
Ion Ratio	Lower Upper
41	100
69	121.8 102.2 153.2
39	67.6 41.4 62.2





#49

1,4-Dioxane

Concen: 946.075 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.001 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

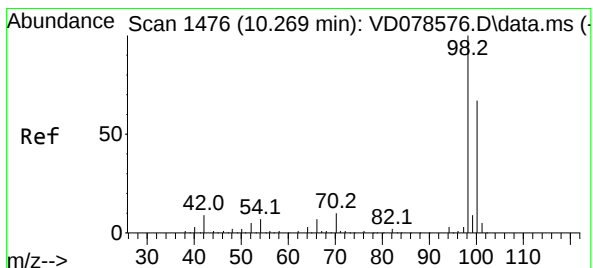
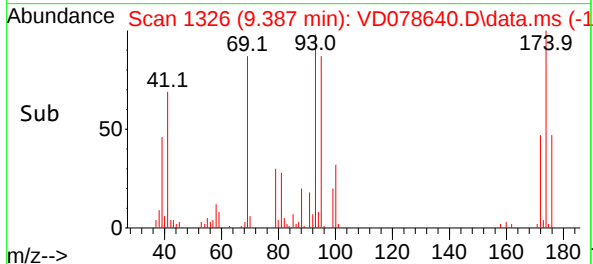
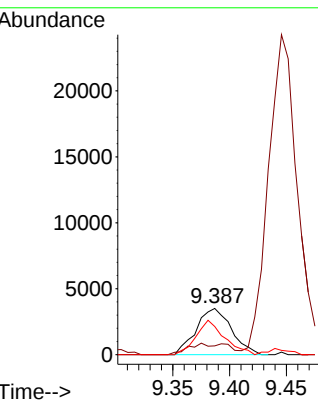
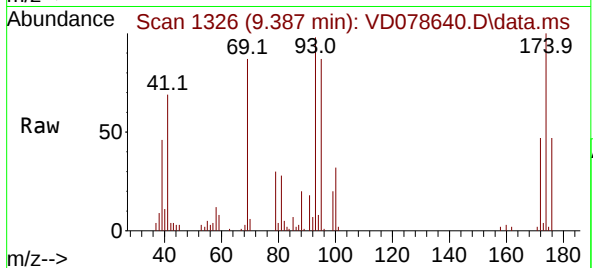
Tgt Ion: 88 Resp: 7570

Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.0	28.6
58	59.6	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#50

Toluene-d8

Concen: 49.852 ug/l

RT: 10.269 min Scan# 1476

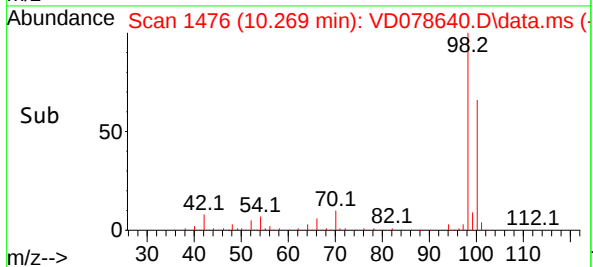
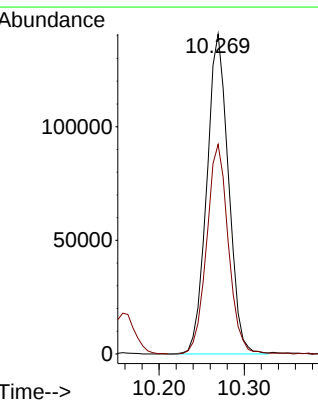
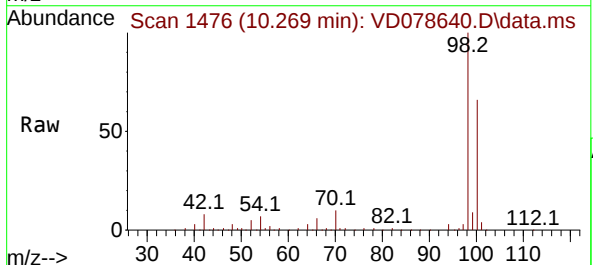
Delta R.T. 0.000 min

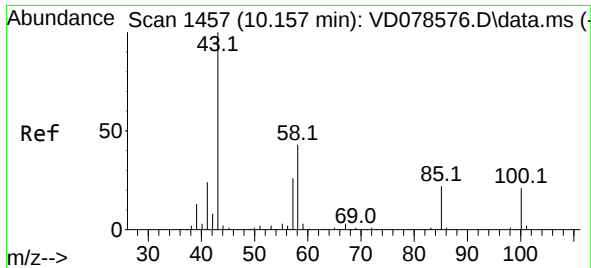
Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion: 98 Resp: 248637

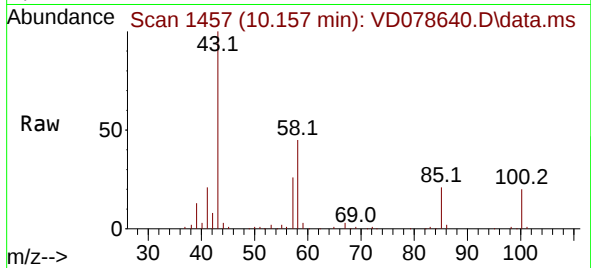
Ion	Ratio	Lower	Upper
98	100		
100	65.7	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 276.980 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

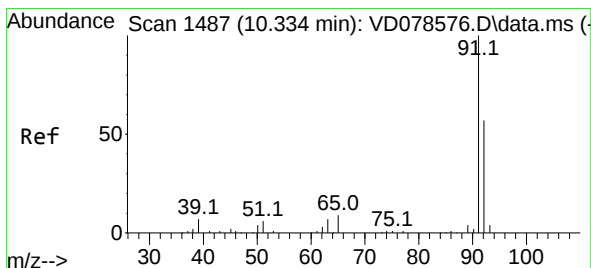
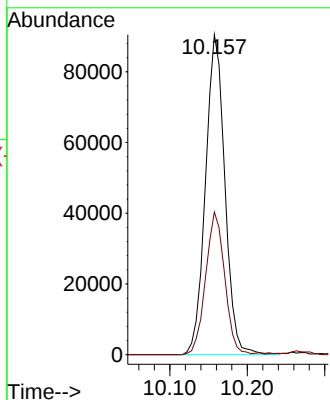
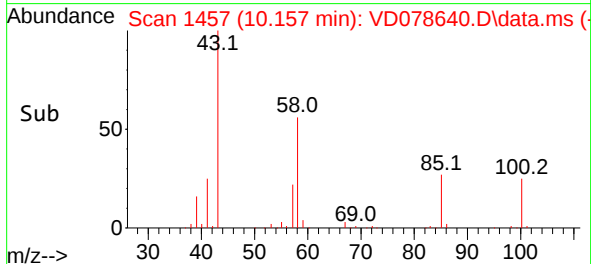
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 157734
Ion Ratio Lower Upper
43 100
58 44.1 38.9 58.3

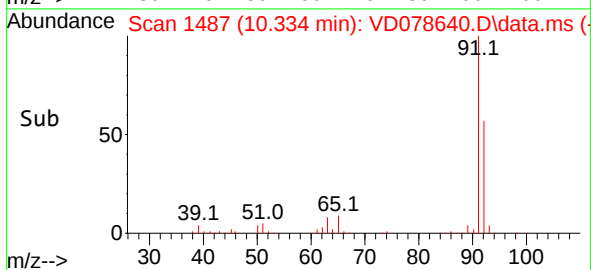
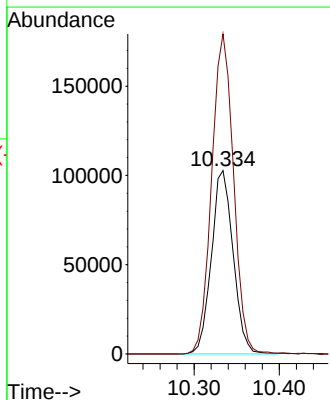
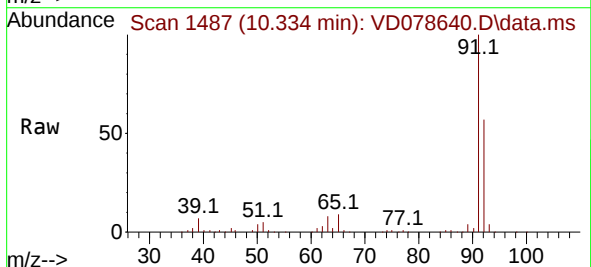
Manual Integrations
APPROVED

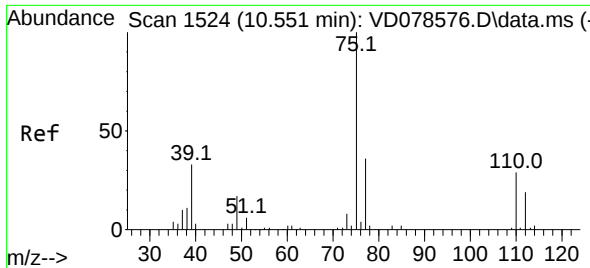
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#52
Toluene
Concen: 53.986 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

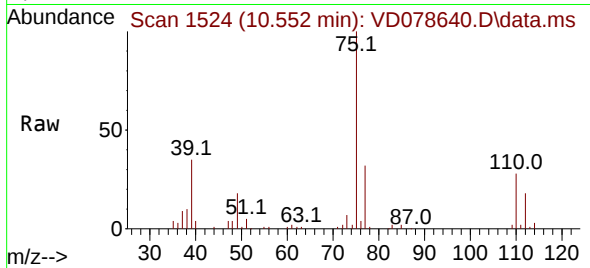
Tgt Ion: 92 Resp: 182362
Ion Ratio Lower Upper
92 100
91 175.7 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 52.678 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

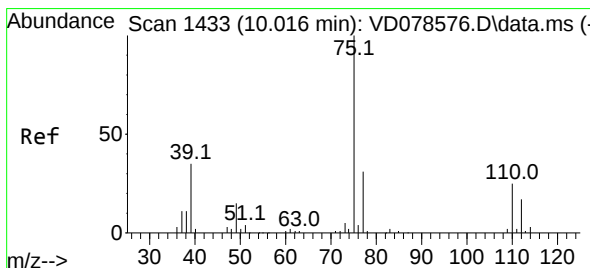
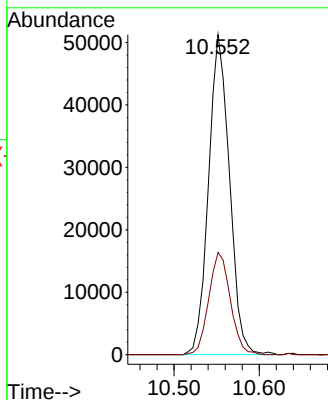
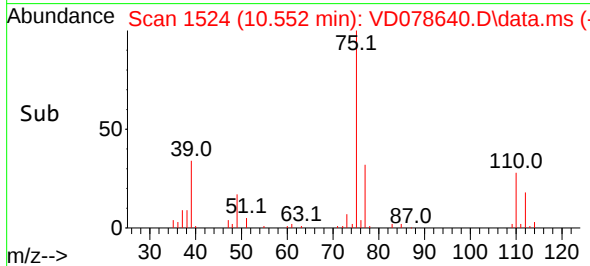
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 87604
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9

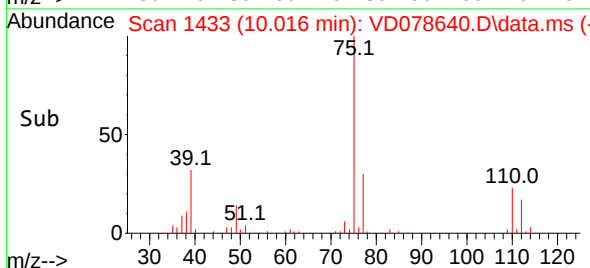
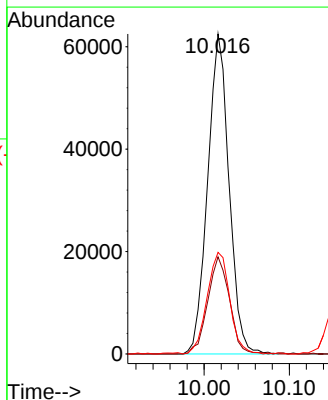
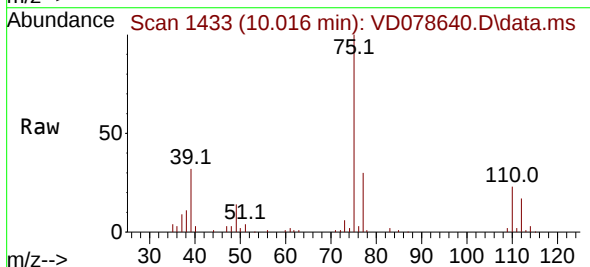
Manual Integrations
APPROVED

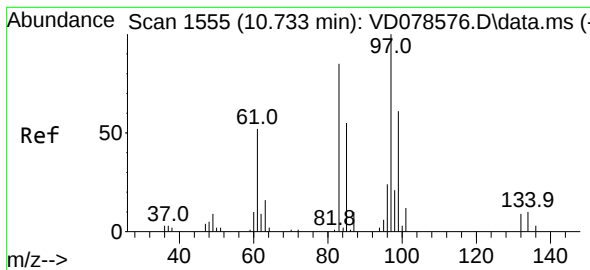
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#54
cis-1,3-Dichloropropene
Concen: 54.771 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

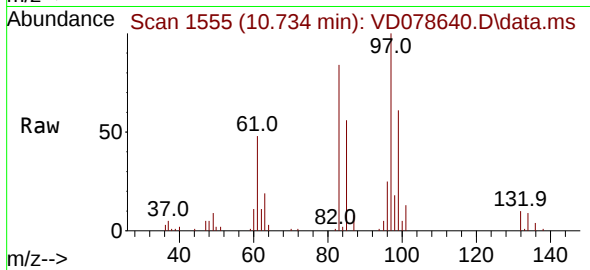
Tgt Ion: 75 Resp: 109056
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 31.4 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 54.400 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

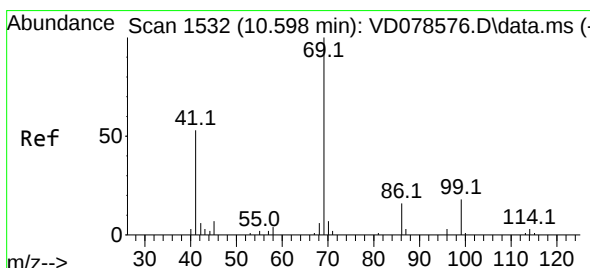
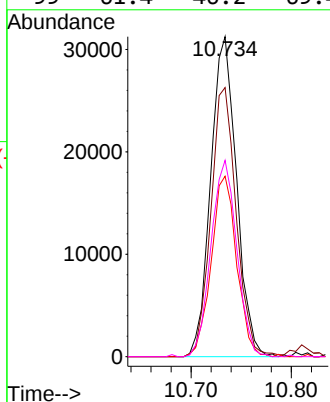
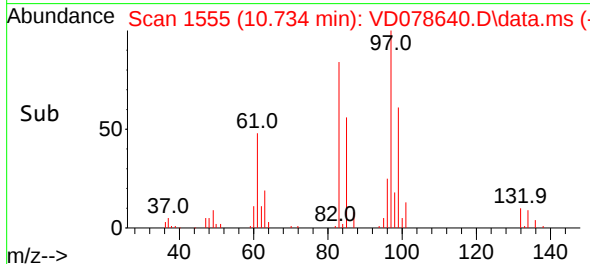
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



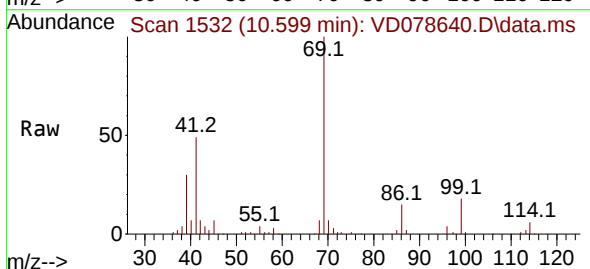
Tgt Ion:	97	Resp:	5584
Ion Ratio	100	Lower	Upper
97	100		
83	84.1	65.8	98.6
85	56.4	45.7	68.5
99	61.4	46.2	69.4

Manual Integrations
APPROVED

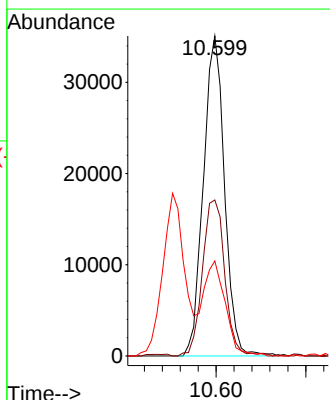
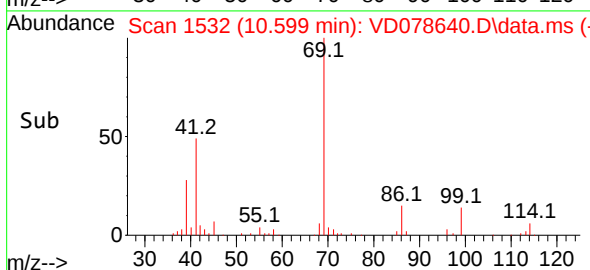
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

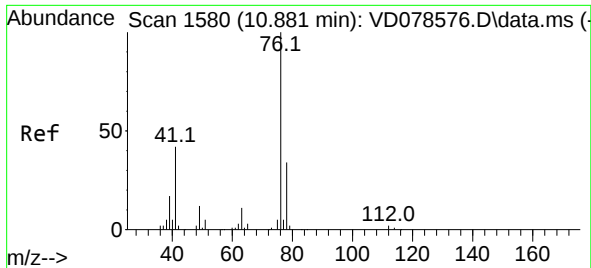


#56
Ethyl methacrylate
Concen: 55.769 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57



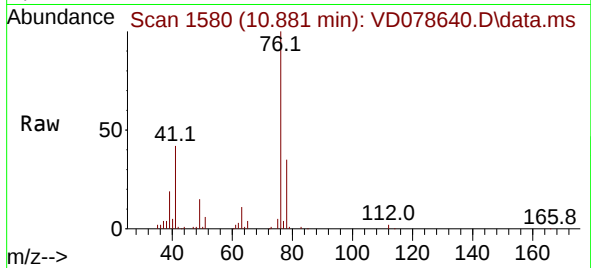
Tgt Ion:	69	Resp:	57381
Ion Ratio	100	Lower	Upper
69	100		
41	51.7	39.1	58.7
39	31.8	20.0	30.0





#57
1,3-Dichloropropane
Concen: 53.408 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

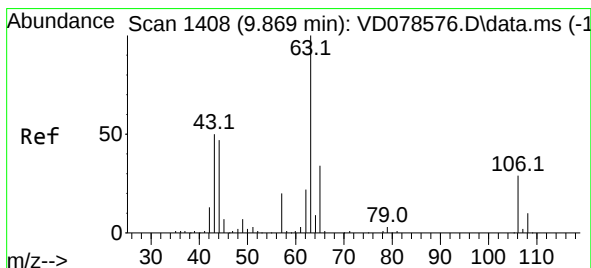
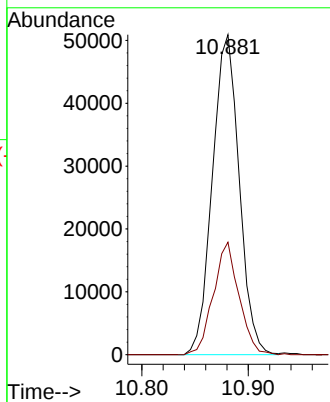
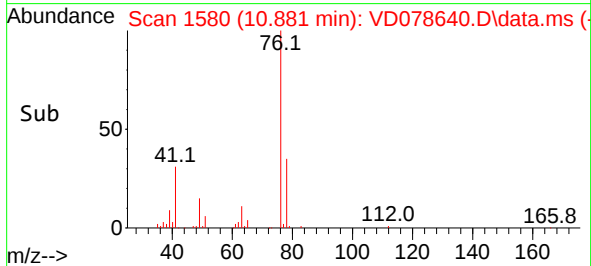
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 8884
Ion Ratio Lower Upper
76 100
78 33.6 26.4 39.6

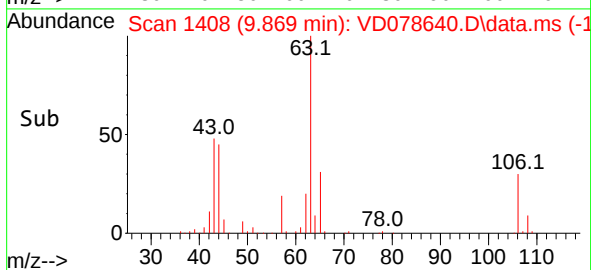
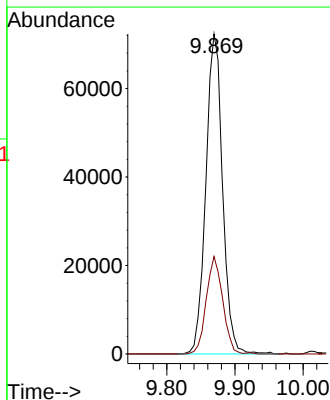
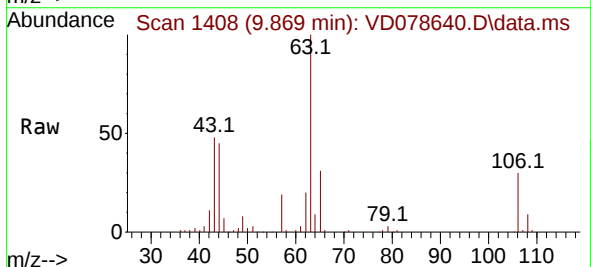
Manual Integrations
APPROVED

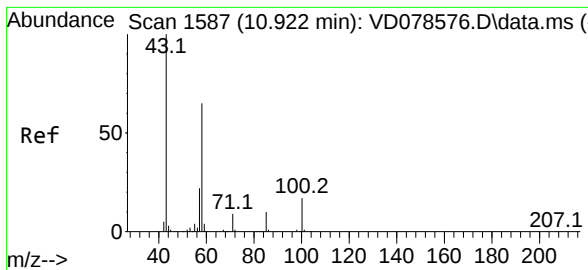
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 276.838 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

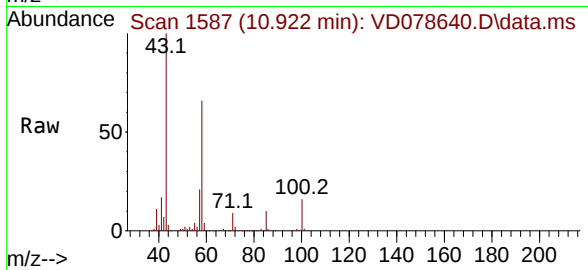
Tgt Ion: 63 Resp: 123442
Ion Ratio Lower Upper
63 100
106 30.0 25.3 37.9





#59
2-Hexanone
Concen: 252.795 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

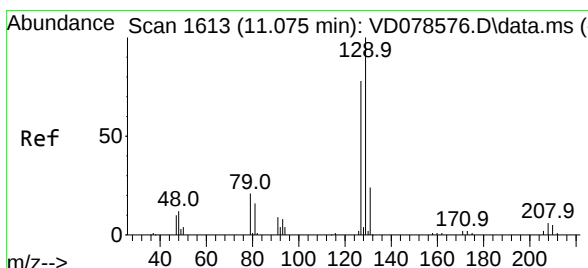
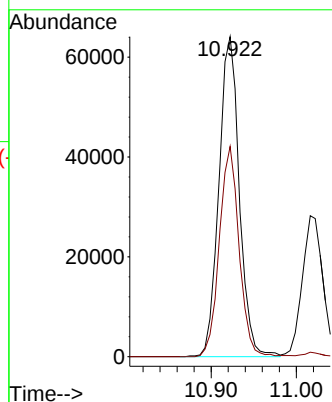
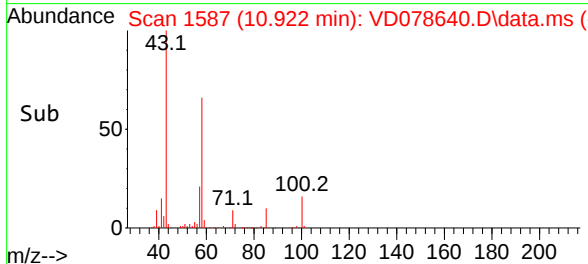
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 106779
Ion Ratio Lower Upper
43 100
58 63.5 34.1 102.2

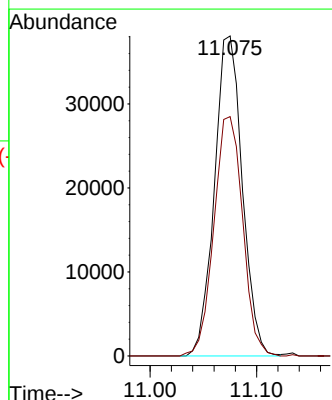
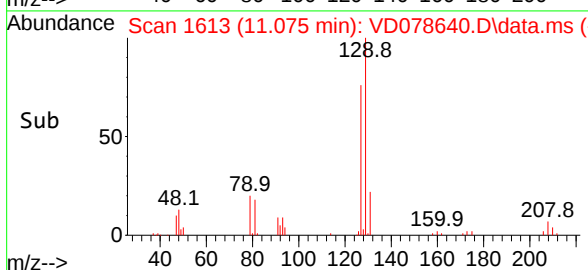
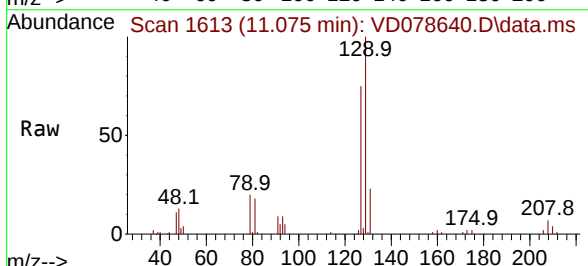
Manual Integrations
APPROVED

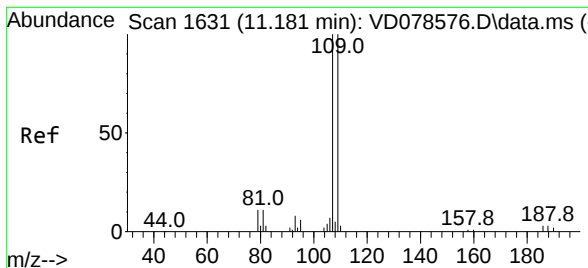
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#60
Dibromochloromethane
Concen: 55.856 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

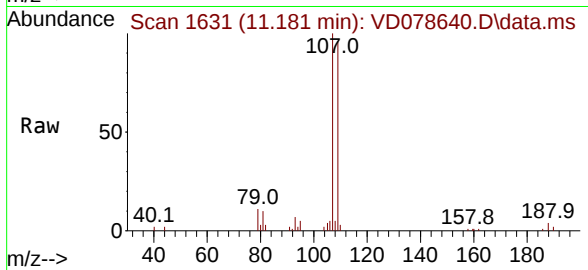
Tgt Ion:129 Resp: 69236
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5





#61
1,2-Dibromoethane
Concen: 56.550 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

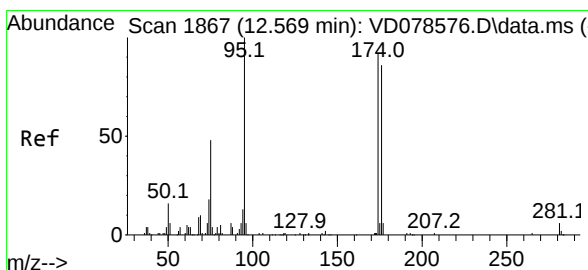
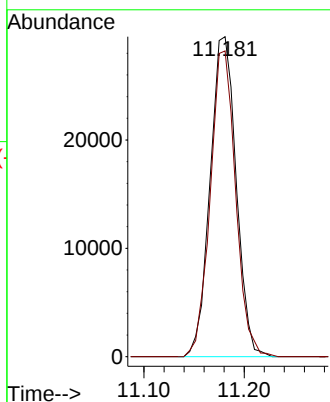
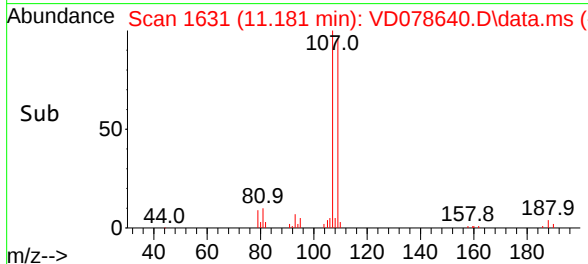
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 53278
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

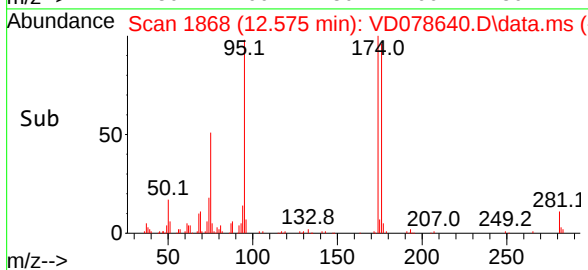
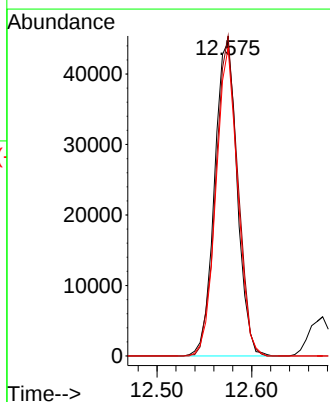
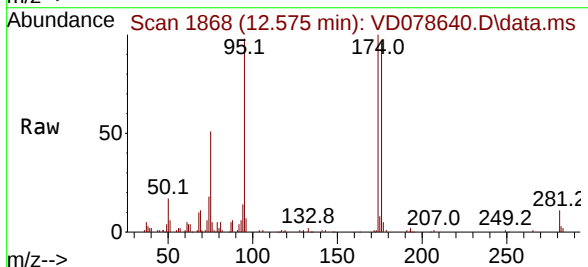
Manual Integrations
APPROVED

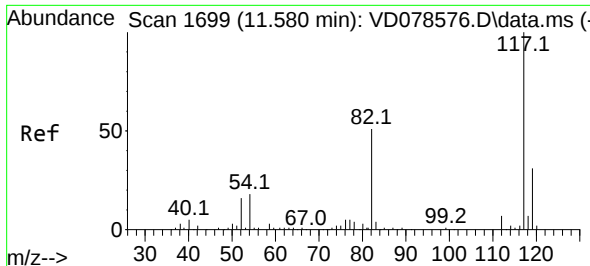
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#62
4-Bromofluorobenzene
Concen: 52.133 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

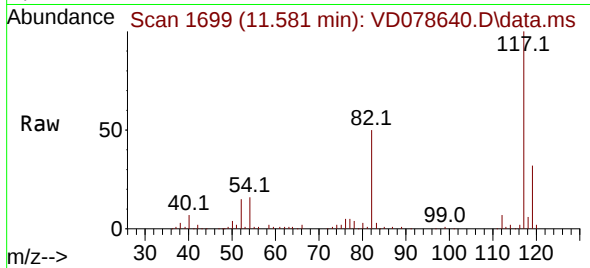
Tgt Ion: 95 Resp: 74265
Ion Ratio Lower Upper
95 100
174 99.1 0.0 201.8
176 93.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

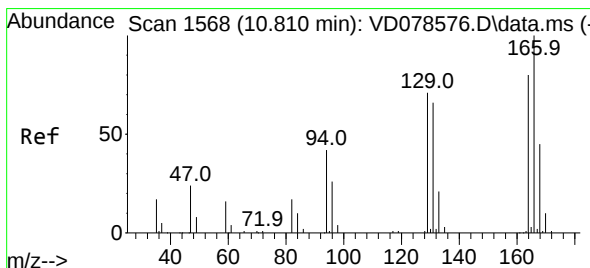
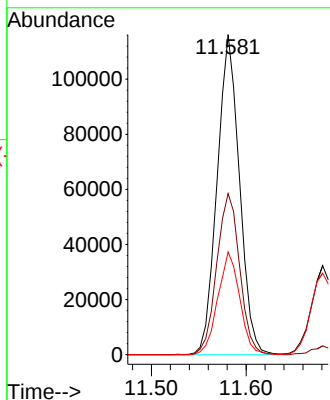
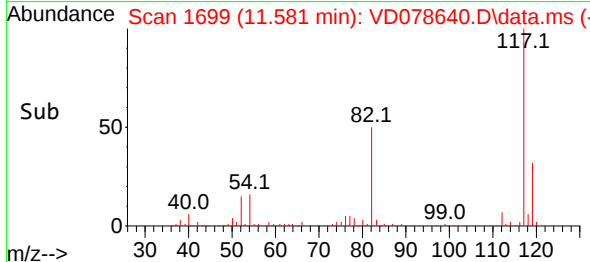
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 190309
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 32.1 25.0 37.4

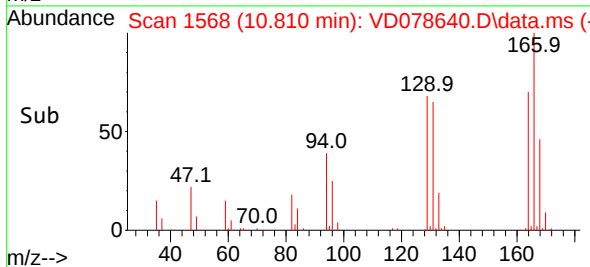
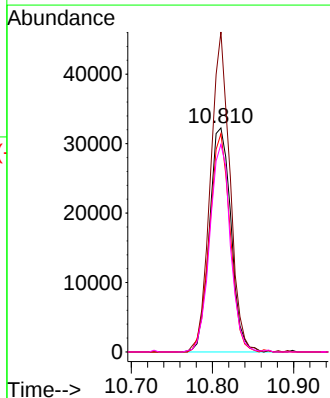
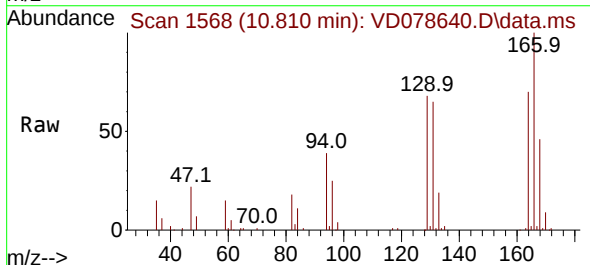
Manual Integrations
APPROVED

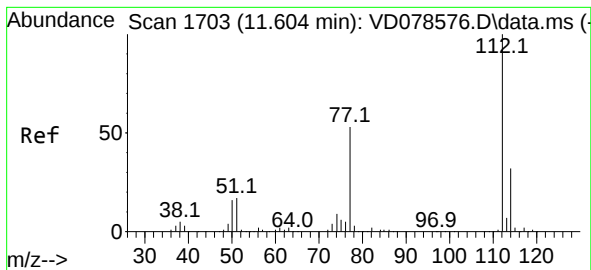
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#64
Tetrachloroethene
Concen: 49.845 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

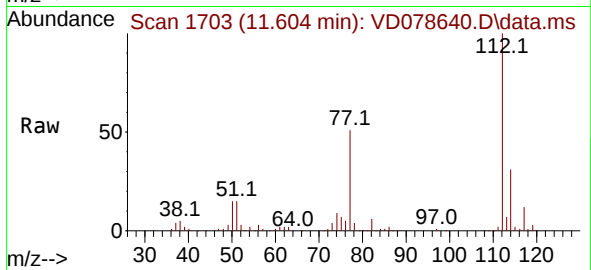
Tgt Ion:164 Resp: 59684
Ion Ratio Lower Upper
164 100
166 142.8 99.2 148.8
129 97.4 68.4 102.6
131 92.7 63.8 95.8





#65
Chlorobenzene
Concen: 52.512 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

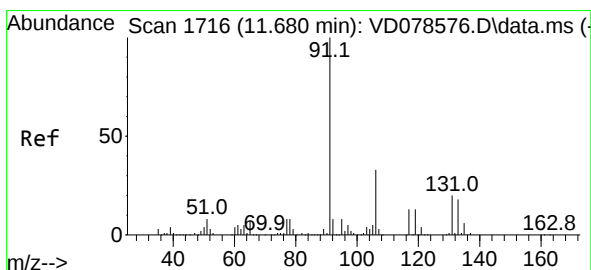
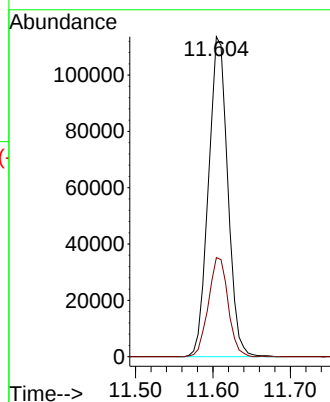
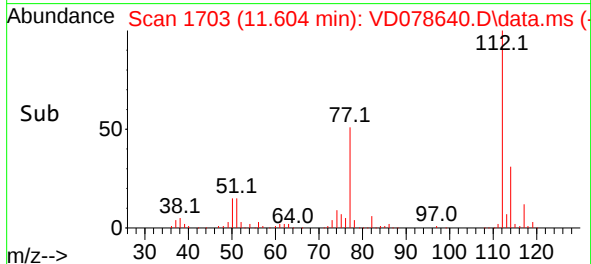
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 196794
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7

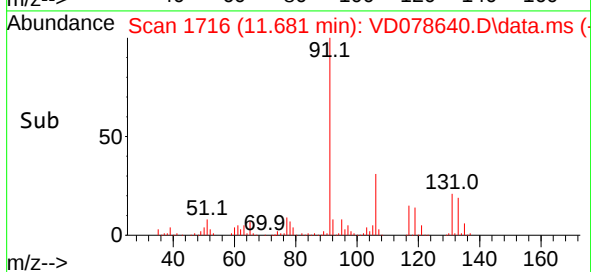
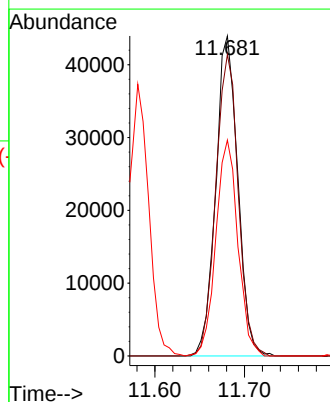
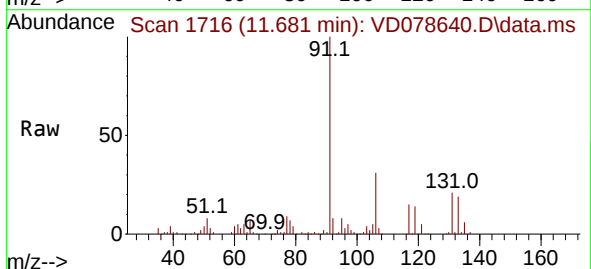
Manual Integrations
APPROVED

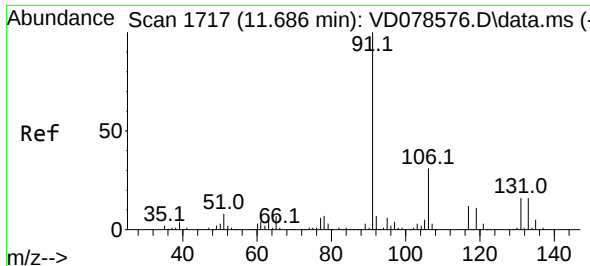
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.800 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:131 Resp: 75059
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.5
119 67.4 35.6 106.9





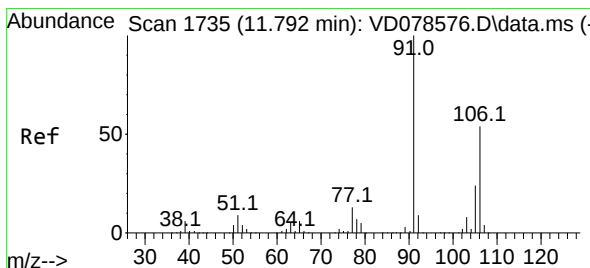
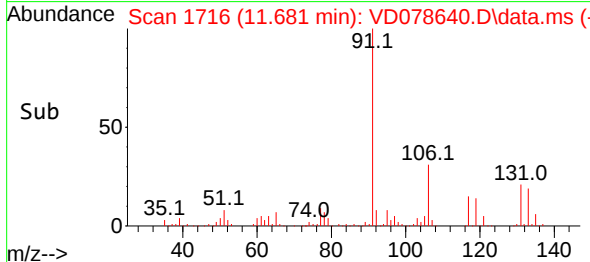
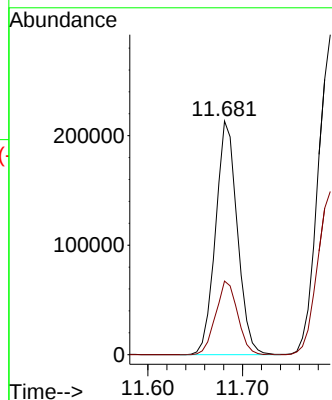
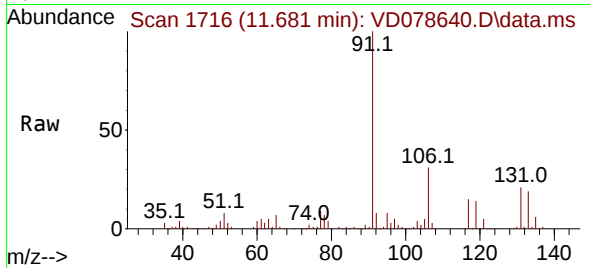
#67
Ethyl Benzene
Concen: 52.405 ug/l
RT: 11.681 min Scan# 1717
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 340280
Ion Ratio Lower Upper
91 100
106 31.5 26.5 39.7

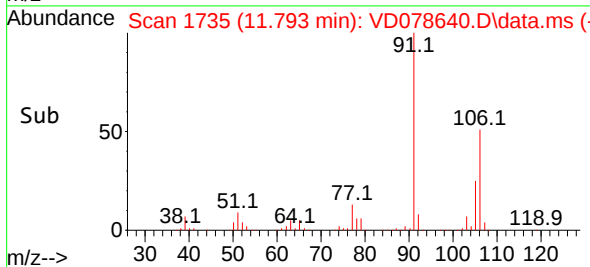
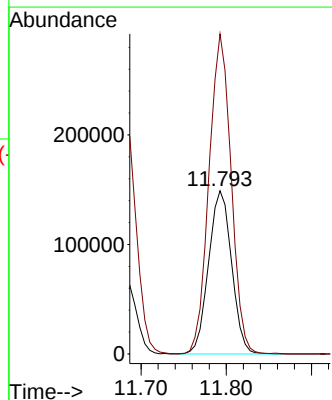
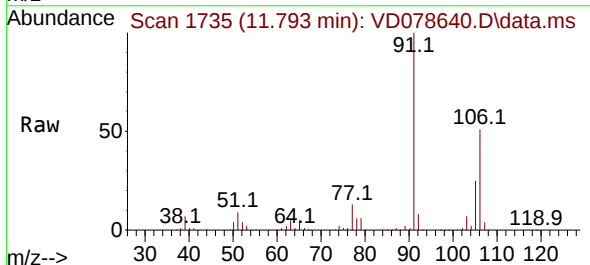
Manual Integrations
APPROVED

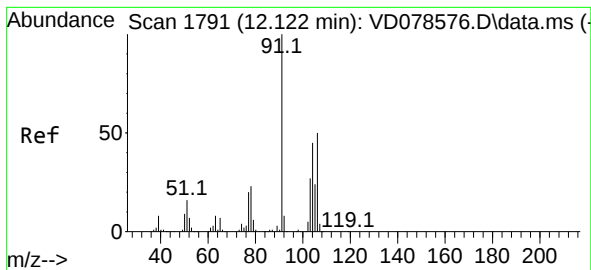
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#68
m/p-Xylenes
Concen: 106.362 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

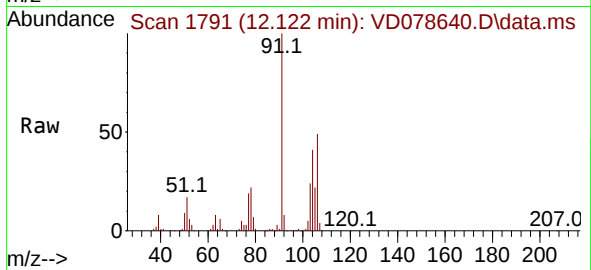
Tgt Ion:106 Resp: 279411
Ion Ratio Lower Upper
106 100
91 189.2 147.0 220.6





#69
o-Xylene
Concen: 55.117 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

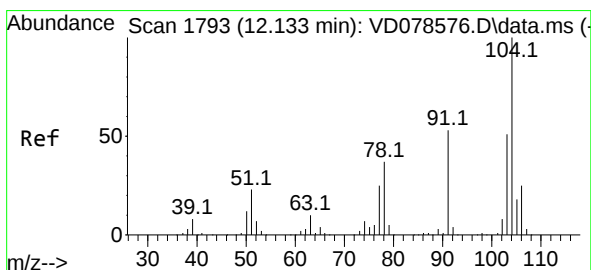
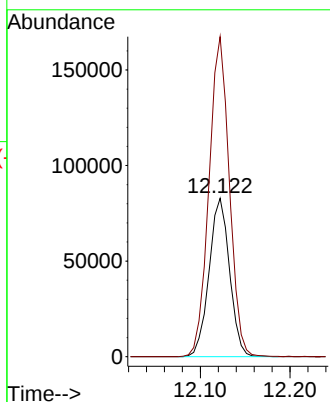
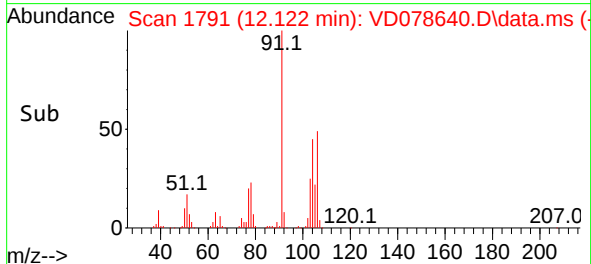
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 13135
Ion Ratio Lower Upper
106 100
91 201.2 97.9 293.6

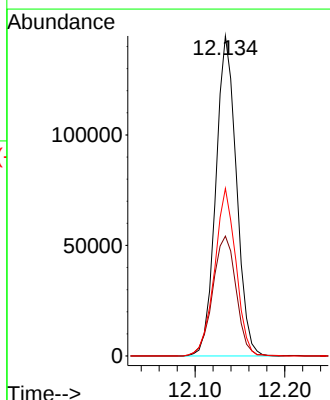
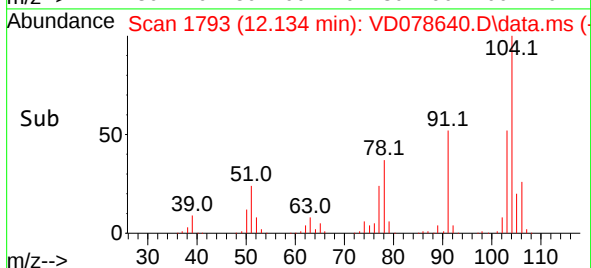
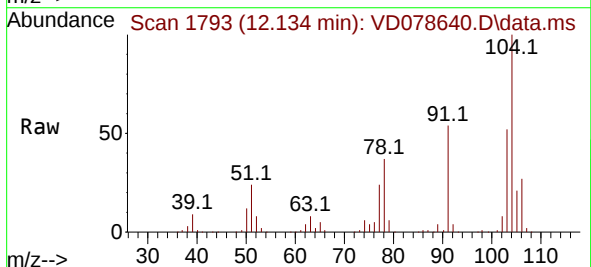
Manual Integrations
APPROVED

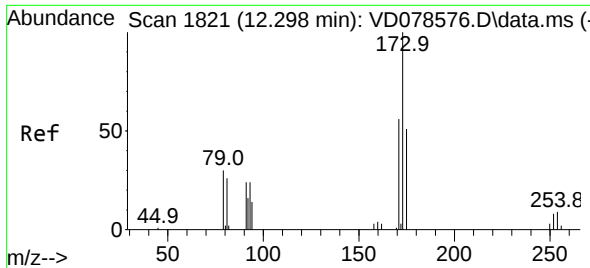
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#70
Styrene
Concen: 55.872 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

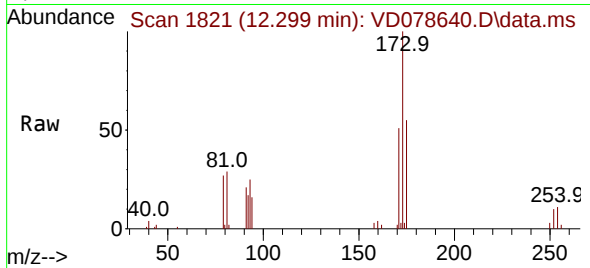
Tgt Ion:104 Resp: 230798
Ion Ratio Lower Upper
104 100
78 42.5 33.2 49.8
103 54.1 43.6 65.4





#71
Bromoform
Concen: 55.633 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

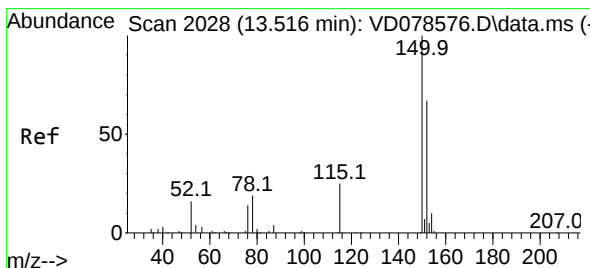
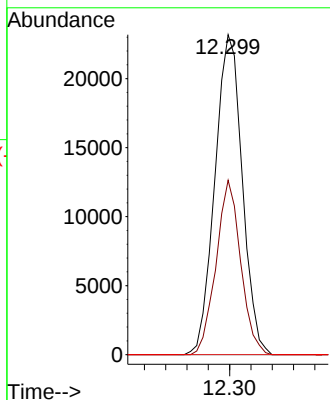
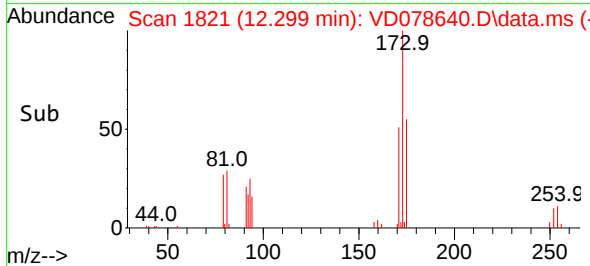
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



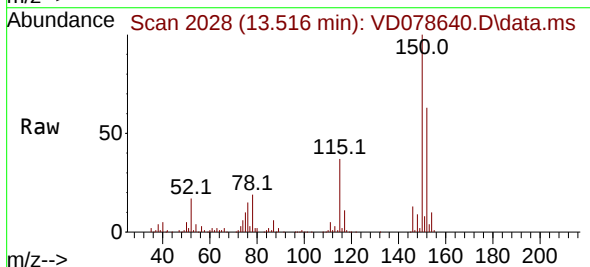
Tgt Ion:173 Resp: 4129
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

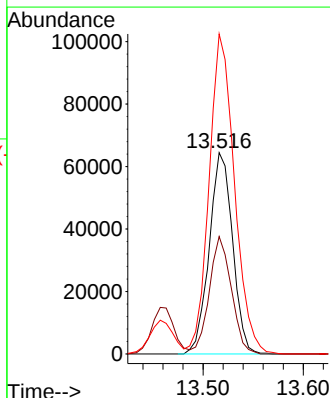
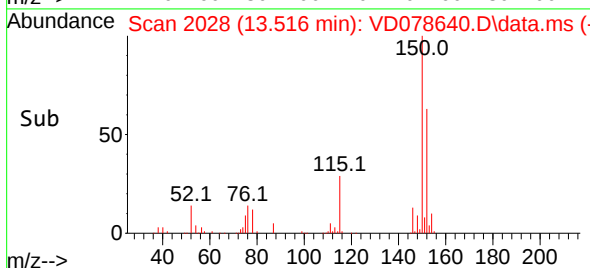
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

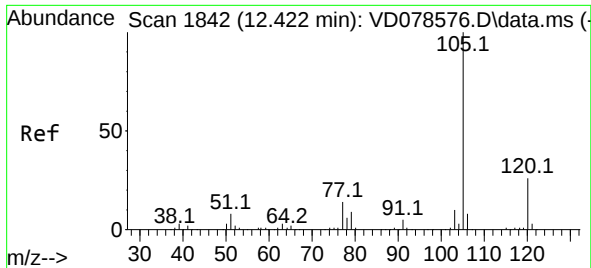


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57



Tgt Ion:152 Resp: 104374
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 172.8 0.0 353.6





#73
Isopropylbenzene
Concen: 48.995 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

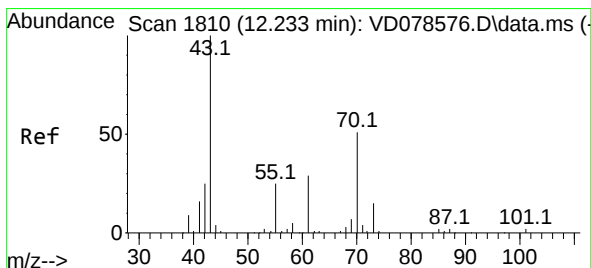
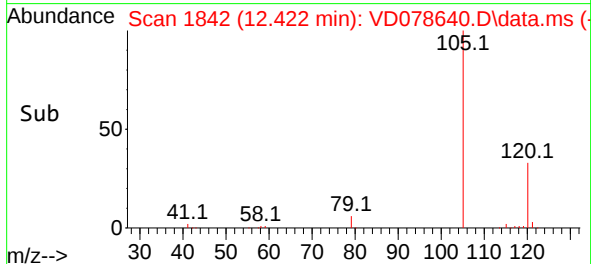
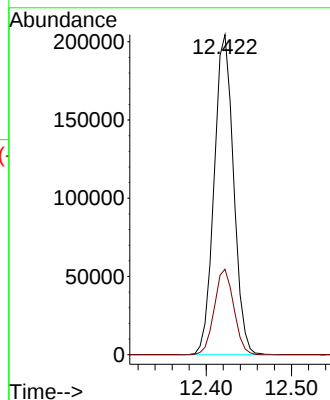
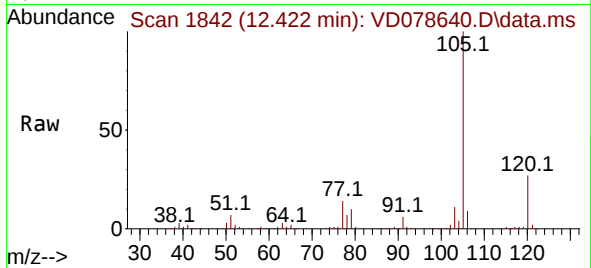
VSTDCCC050EC

Tgt Ion:105 Resp: 32416
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9

Manual Integrations

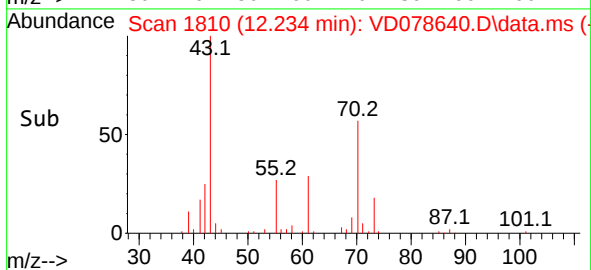
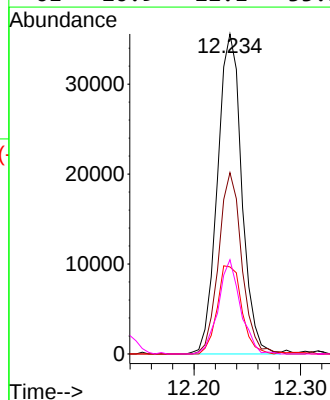
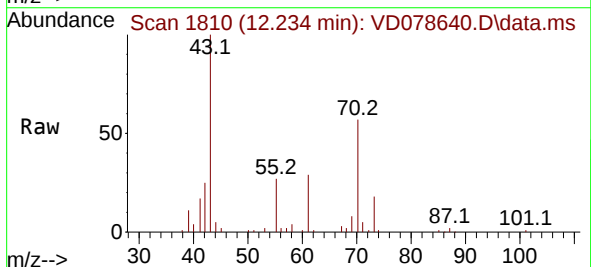
APPROVED

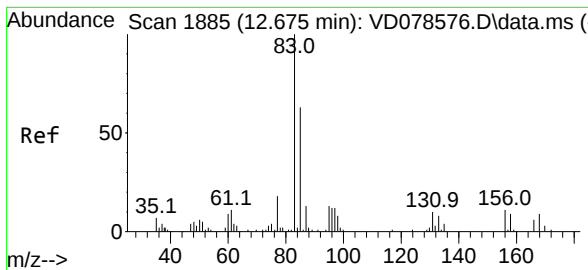
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#74
N-ethyl acetate
Concen: 50.536 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

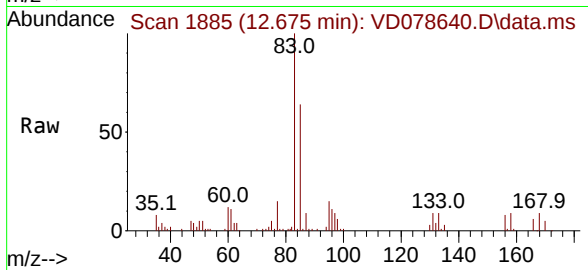
Tgt Ion: 43 Resp: 56277
Ion Ratio Lower Upper
43 100
70 54.2 45.0 67.4
55 27.7 23.8 35.6
61 26.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 49.543 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

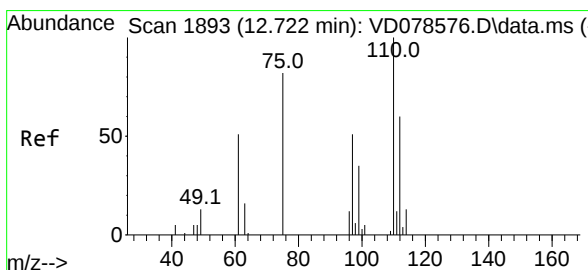
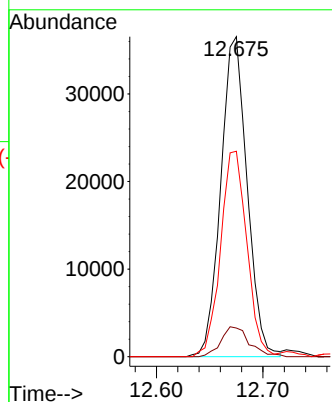
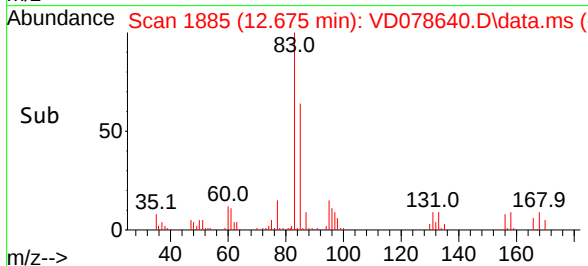
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 62794
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.8 32.6 97.8

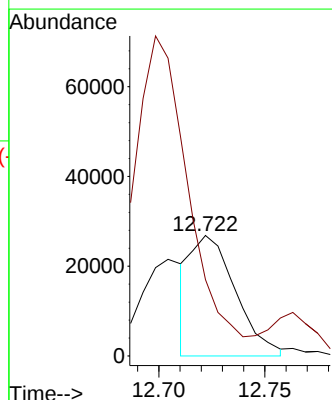
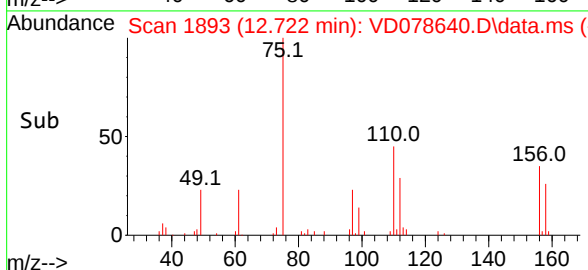
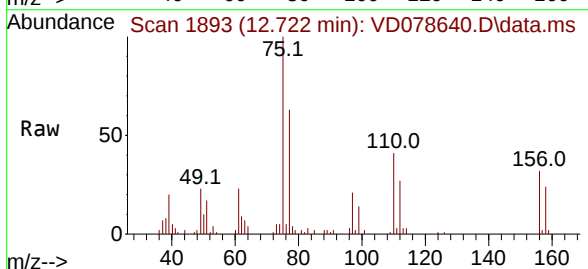
Manual Integrations
APPROVED

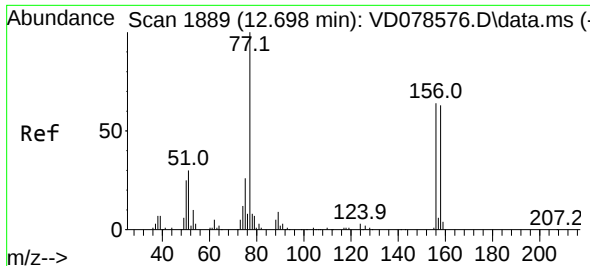
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#76
1,2,3-Trichloropropane
Concen: 49.732 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 75 Resp: 39644
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





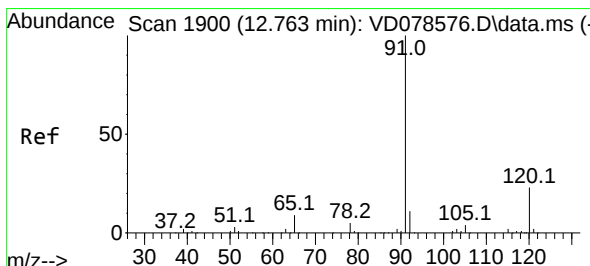
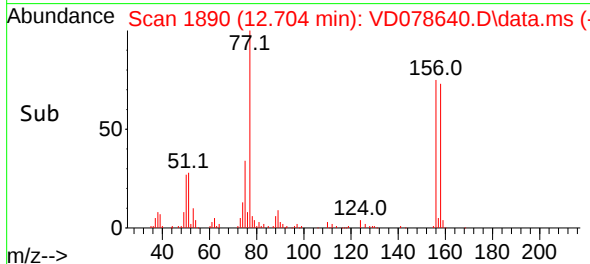
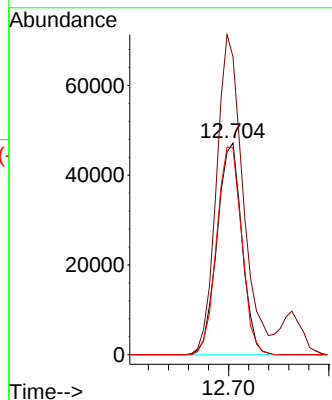
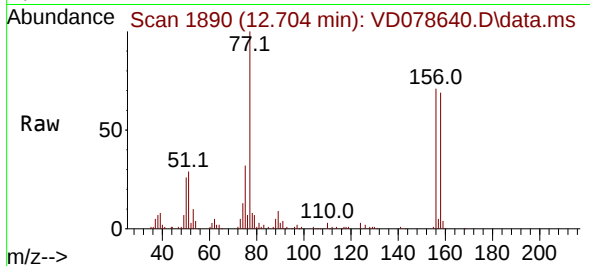
#77
Bromobenzene
Concen: 50.659 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 81060
Ion Ratio Lower Upper
156 100
77 160.7 76.8 230.4
158 99.1 48.6 145.9

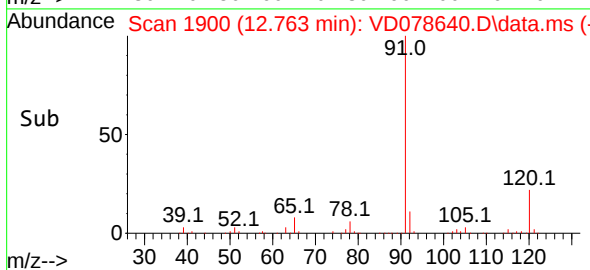
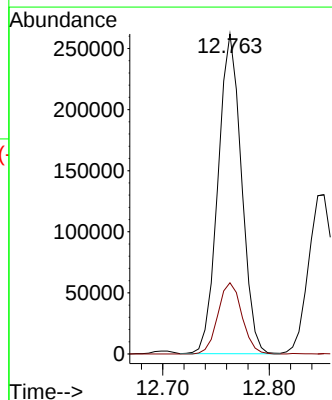
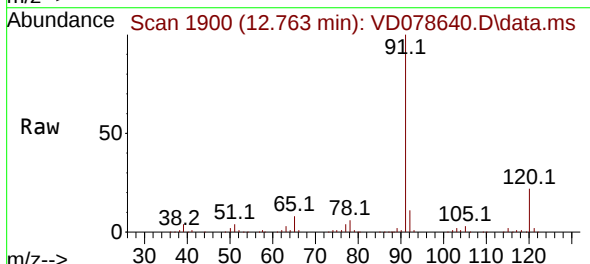
Manual Integrations
APPROVED

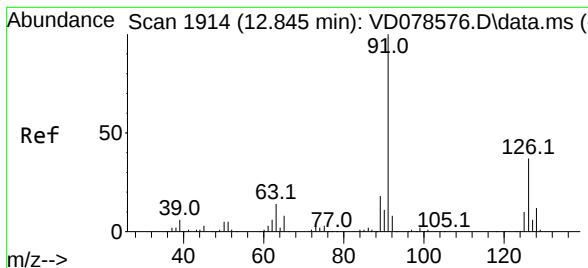
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#78
n-propylbenzene
Concen: 49.339 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 91 Resp: 399296
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2





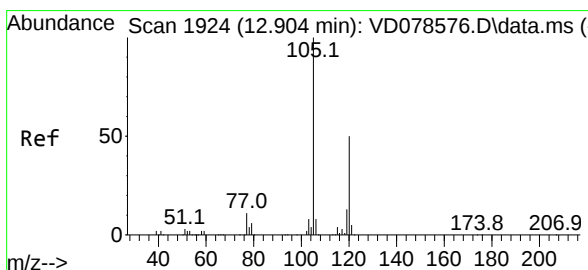
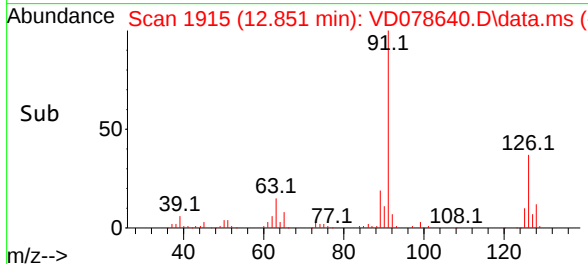
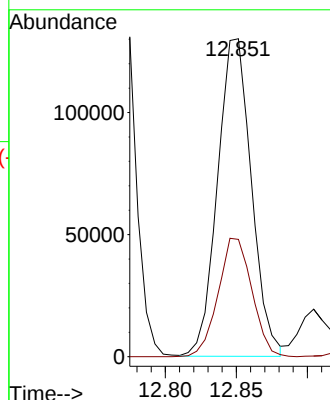
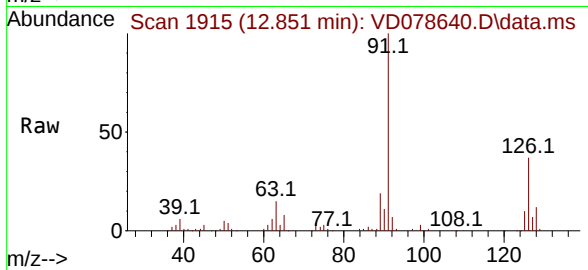
#79
2-Chlorotoluene
Concen: 49.740 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 21601
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1

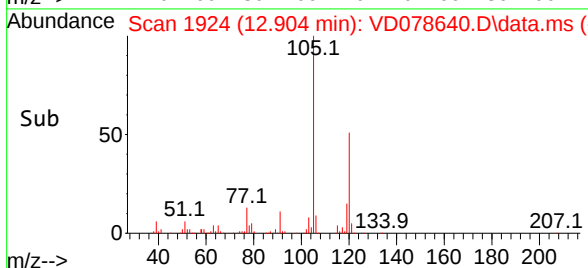
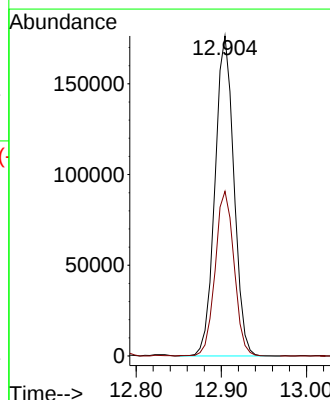
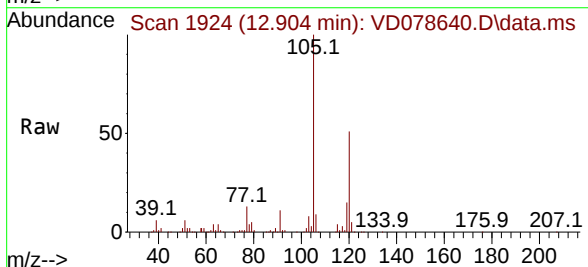
Manual Integrations
APPROVED

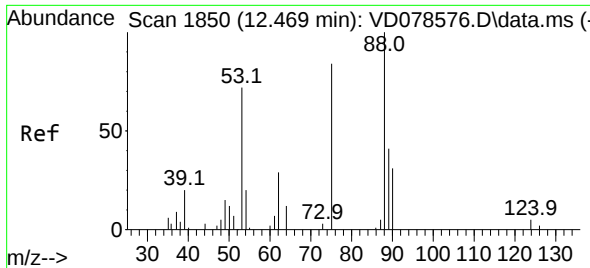
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.654 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

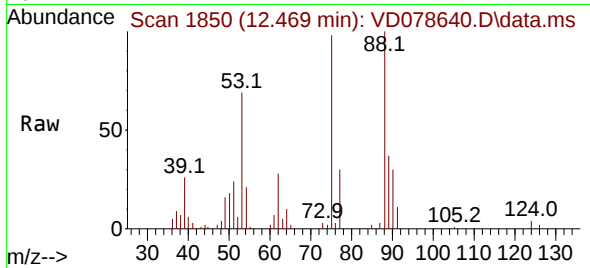
Tgt Ion:105 Resp: 272714
Ion Ratio Lower Upper
105 100
120 51.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.851 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

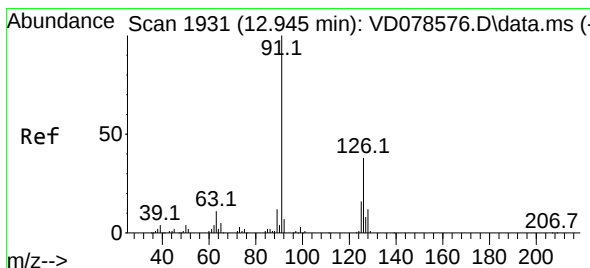
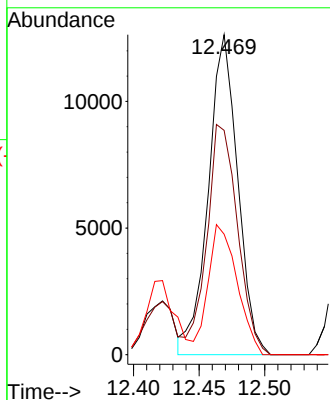
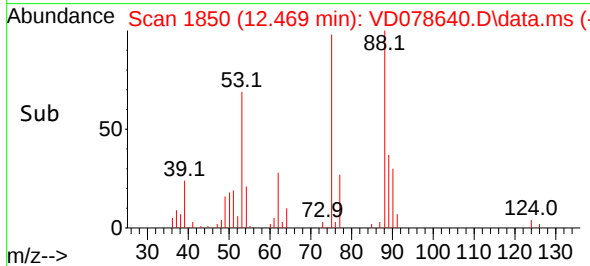
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 1968
Ion Ratio Lower Upper
75 100
53 74.7 63.0 94.4
89 39.8 37.9 56.9

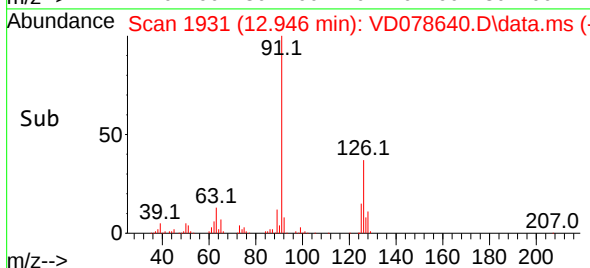
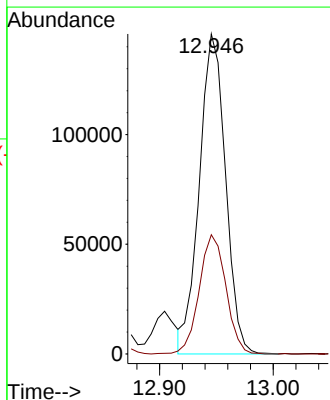
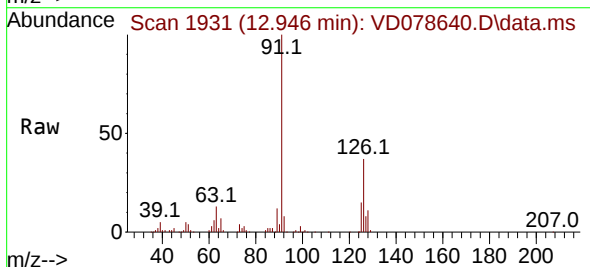
Manual Integrations
APPROVED

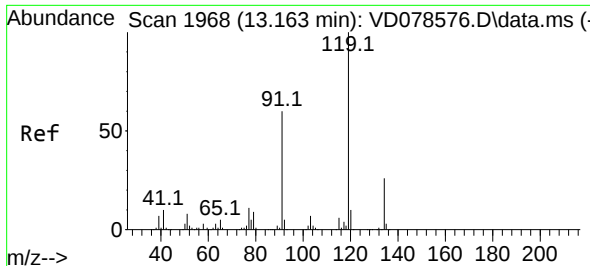
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#82
4-Chlorotoluene
Concen: 50.458 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

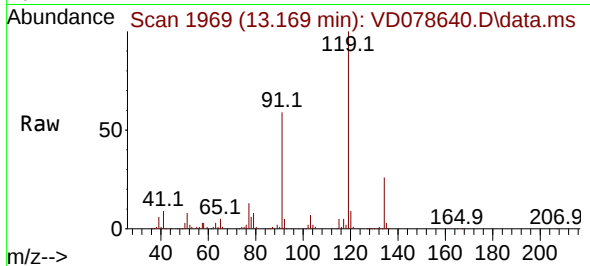
Tgt Ion: 91 Resp: 233532
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.4





#83
tert-Butylbenzene
Concen: 50.568 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

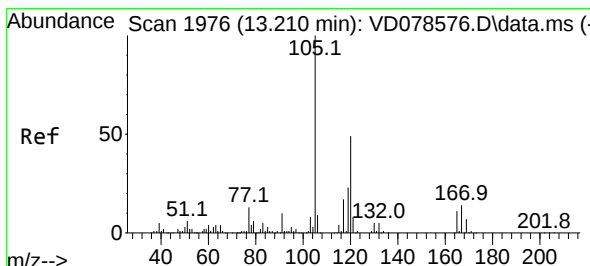
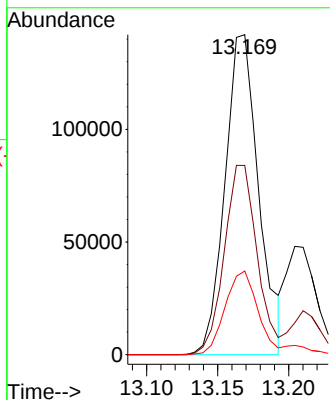
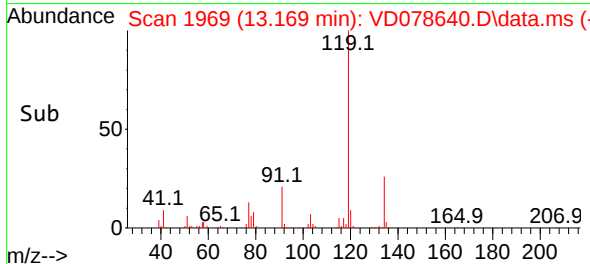
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



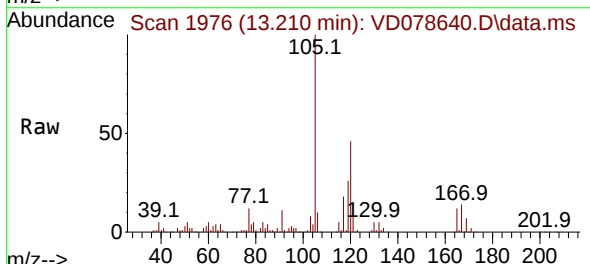
Tgt Ion:119 Resp: 23442
Ion Ratio Lower Upper
119 100
91 57.7 29.3 87.8
134 27.5 14.1 42.3

Manual Integrations
APPROVED

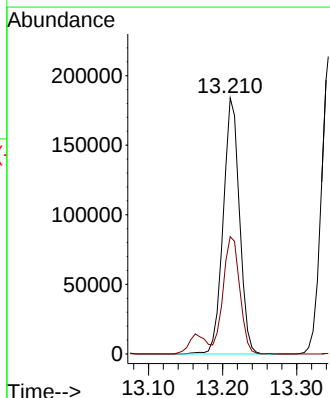
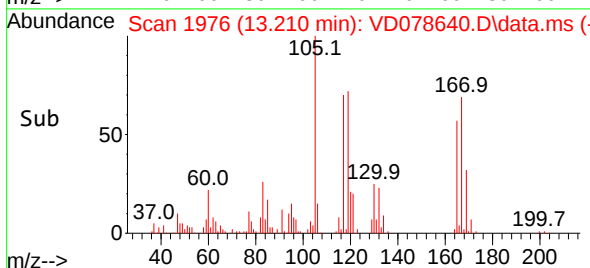
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

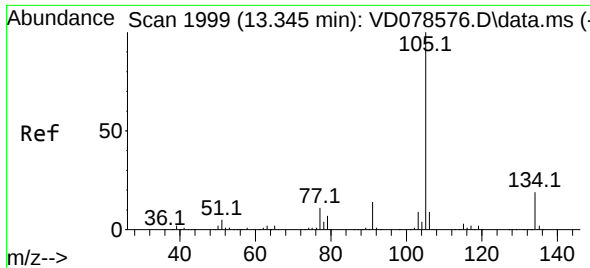


#84
1,2,4-Trimethylbenzene
Concen: 50.864 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57



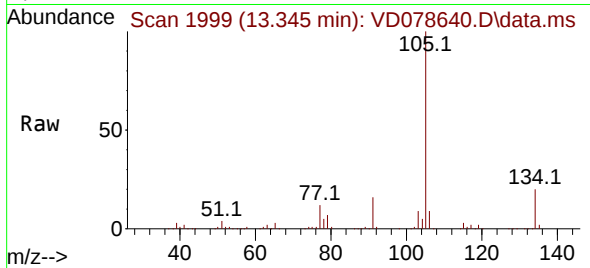
Tgt Ion:105 Resp: 279897
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 48.645 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

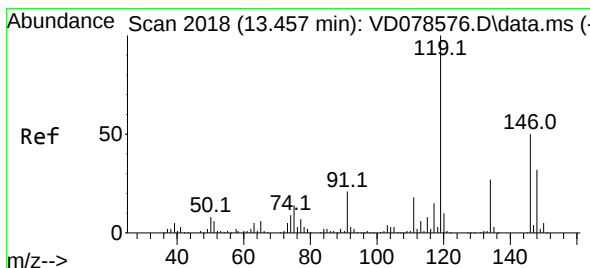
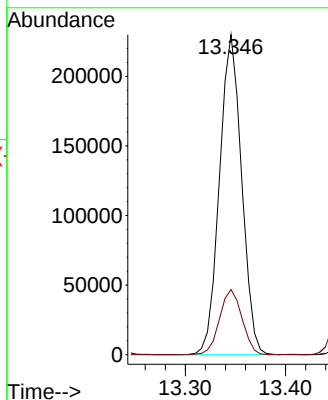
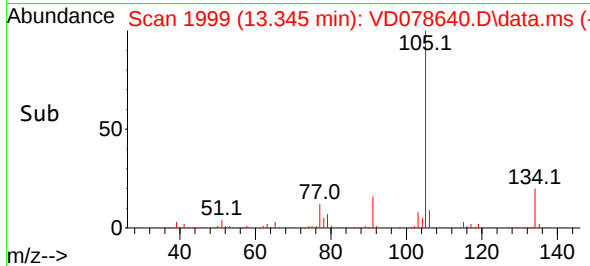
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



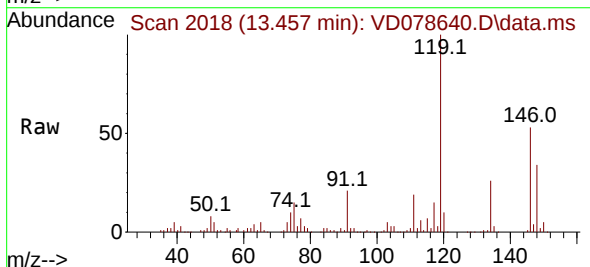
Tgt Ion:105 Resp: 35180
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9

Manual Integrations
 APPROVED

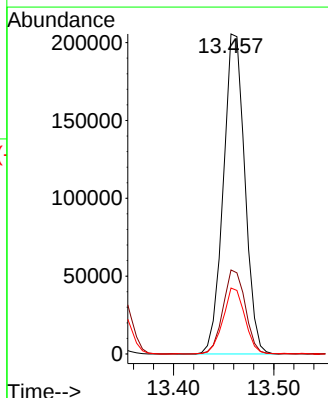
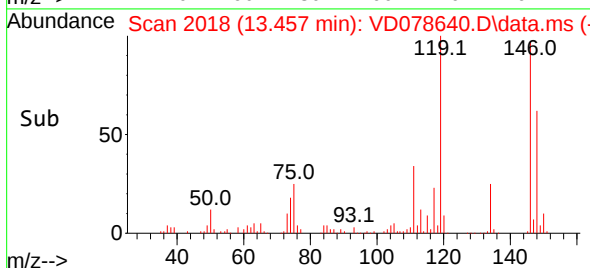
Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

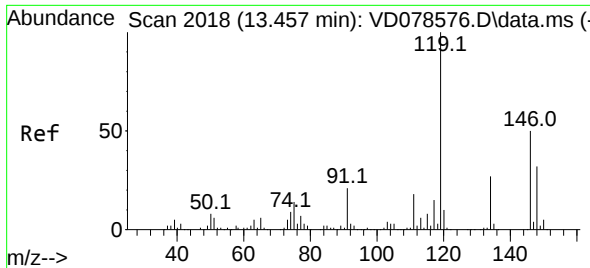


#86
 p-Isopropyltoluene
 Concen: 50.309 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57



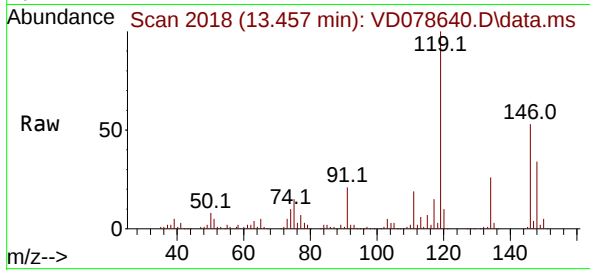
Tgt Ion:119 Resp: 306288
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 21.0 10.5 31.5





#87
 1,3-Dichlorobenzene
 Concen: 51.242 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

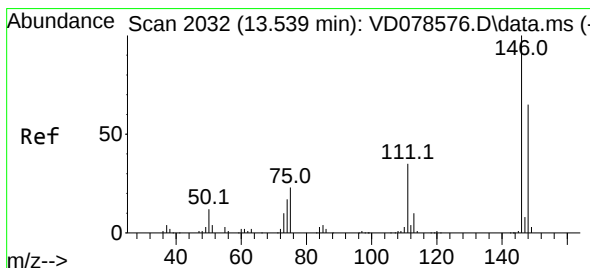
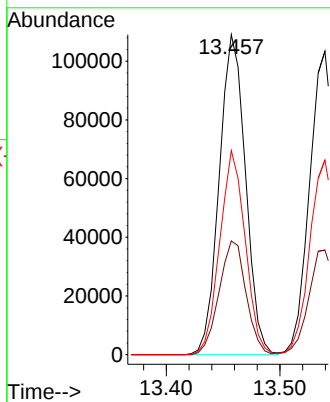
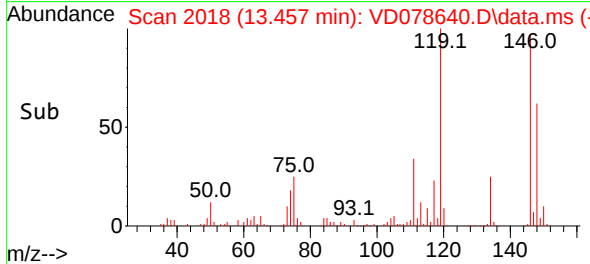
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



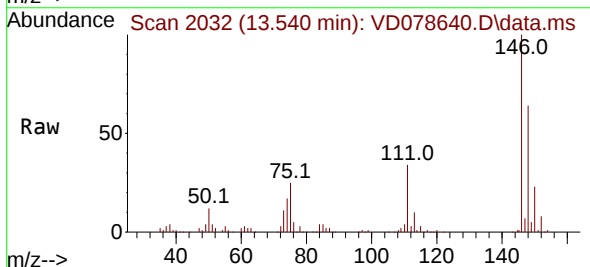
Tgt Ion:146 Resp: 17519
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.9 53.8
 148 62.0 32.3 96.8

Manual Integrations
 APPROVED

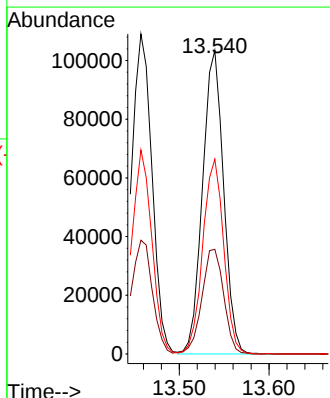
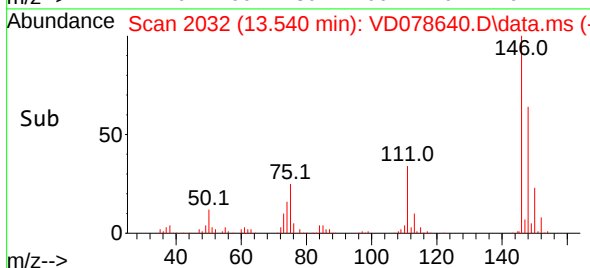
Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

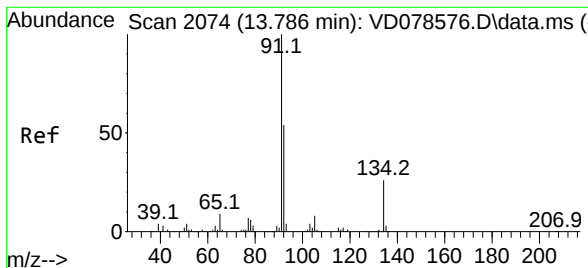


#88
 1,4-Dichlorobenzene
 Concen: 49.226 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57



Tgt Ion:146 Resp: 168619
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.4 52.3
 148 63.9 31.7 95.1





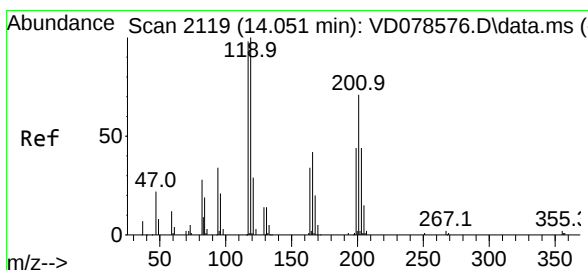
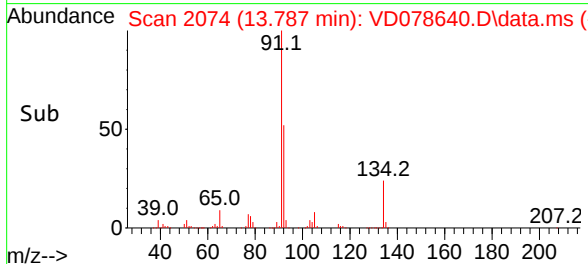
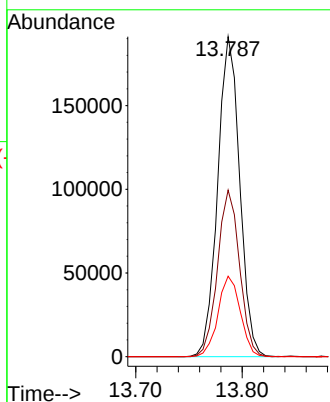
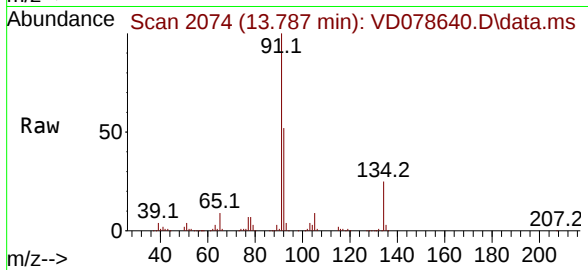
#89
n-Butylbenzene
Concen: 48.175 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 27409
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 25.6 13.8 41.3

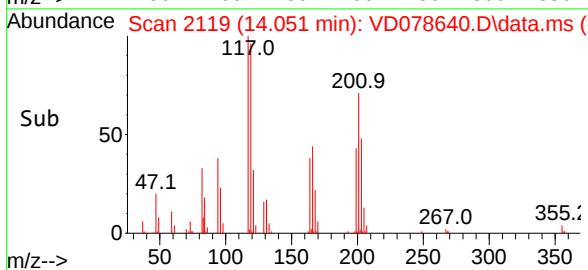
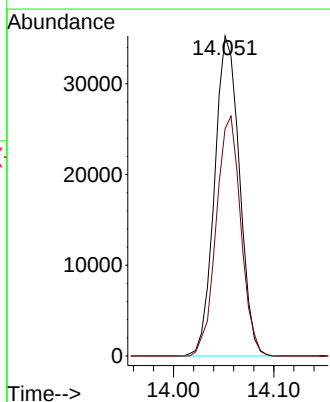
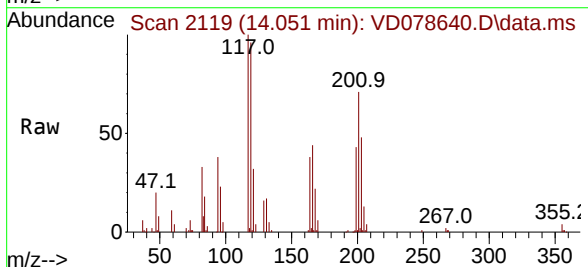
Manual Integrations
APPROVED

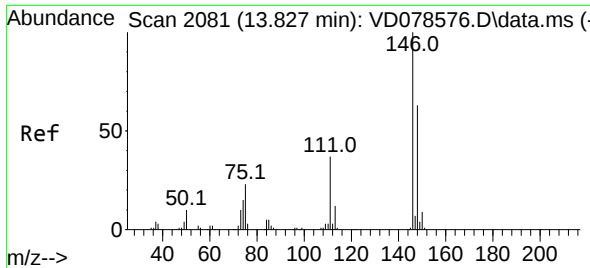
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#90
Hexachloroethane
Concen: 49.127 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

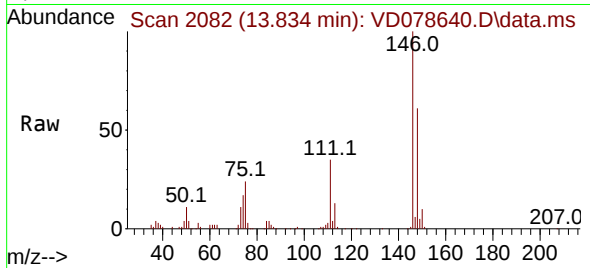
Tgt Ion:117 Resp: 60815
Ion Ratio Lower Upper
117 100
201 74.2 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 52.053 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

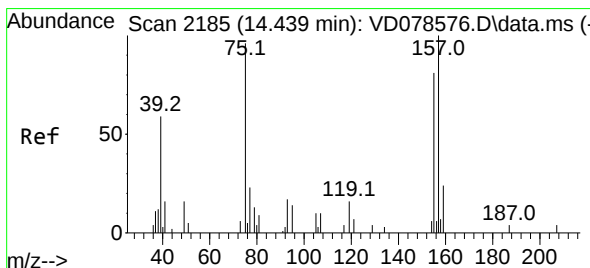
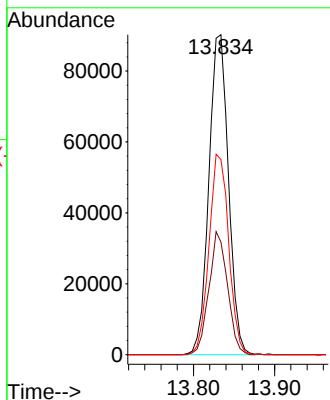
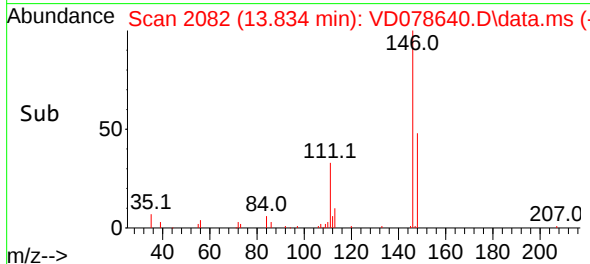
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 15117
Ion Ratio Lower Upper
146 100
111 36.5 18.3 54.8
148 63.0 31.6 94.7

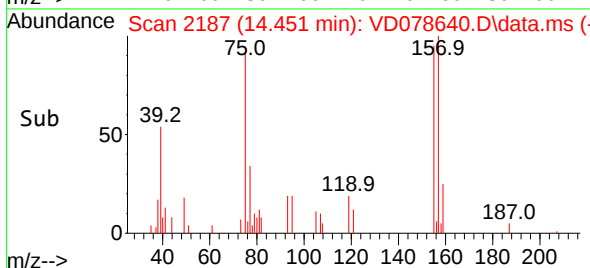
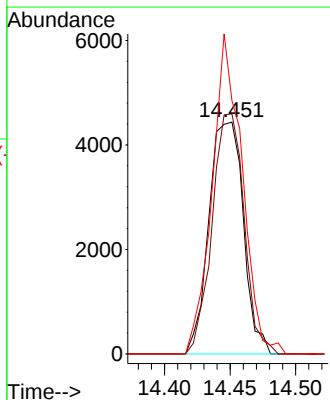
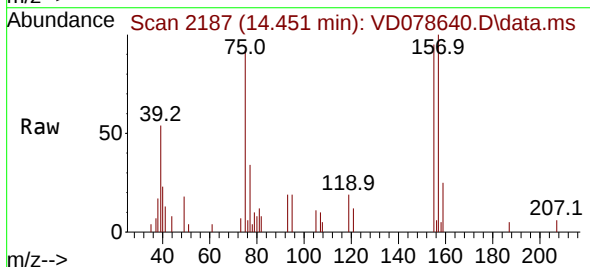
Manual Integrations
APPROVED

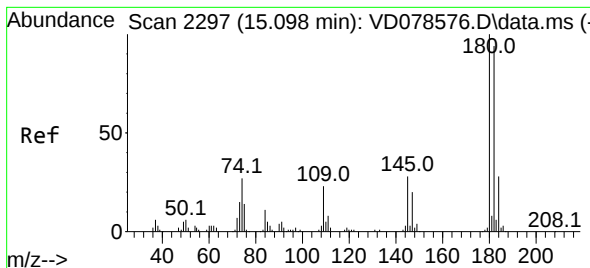
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.921 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 75 Resp: 8096
Ion Ratio Lower Upper
75 100
155 96.4 47.9 143.8
157 120.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.860 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

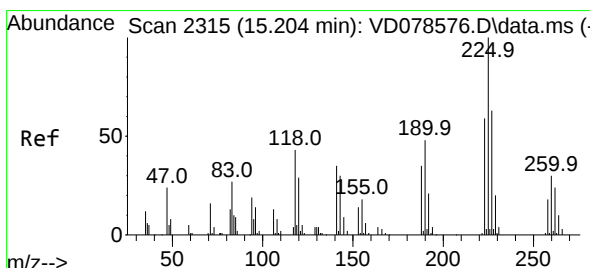
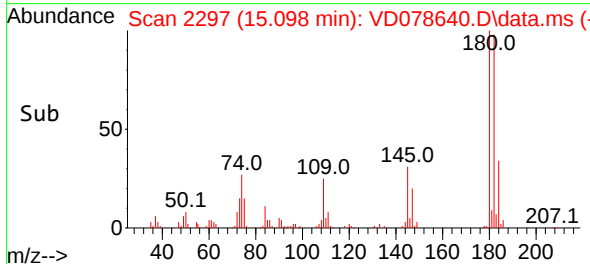
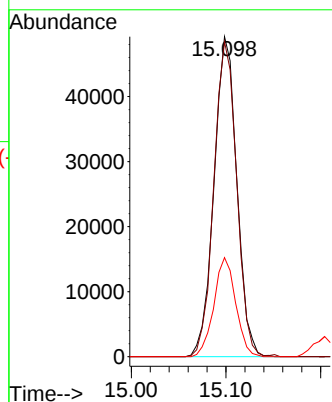
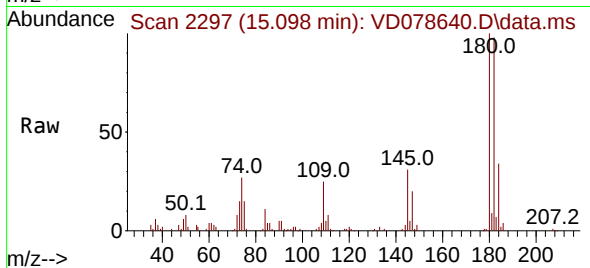
VSTDCCC050EC

Tgt Ion:180	Resp:	8230
Ion Ratio	Lower	Upper
180	100	
182	98.1	48.5 145.6
145	29.6	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#94

Hexachlorobutadiene

Concen: 47.456 ug/l

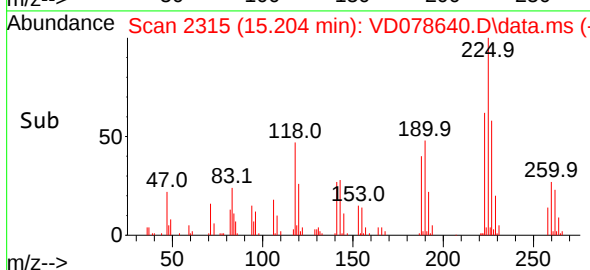
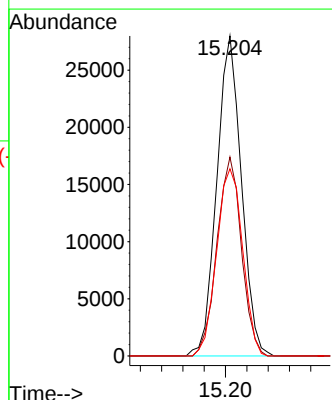
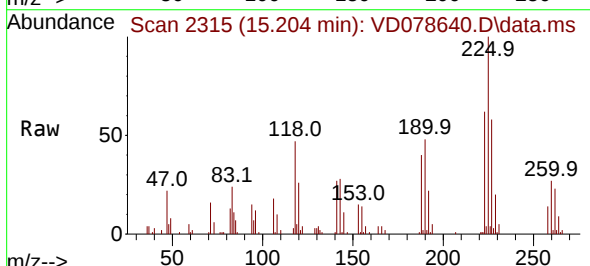
RT: 15.204 min Scan# 2315

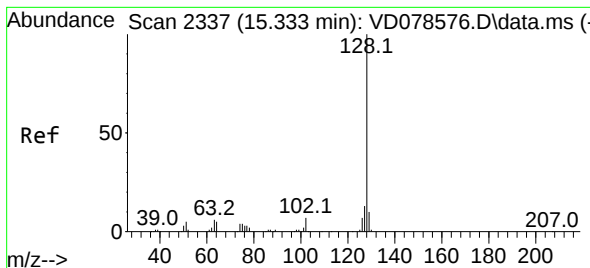
Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion:225	Resp:	44904
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.6 94.8
227	61.8	31.7 95.1





#95

Naphthalene

Concen: 51.328 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

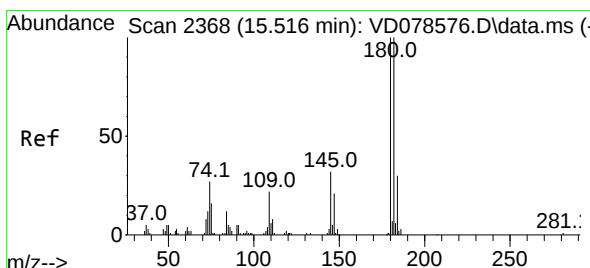
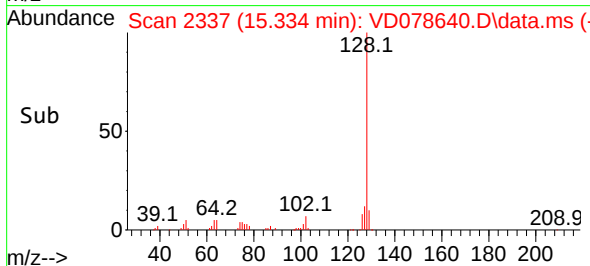
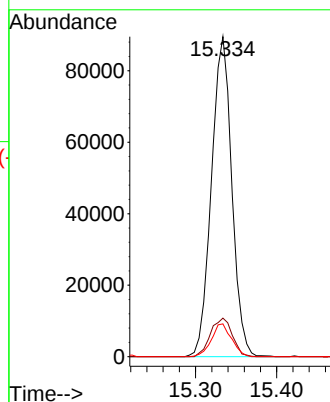
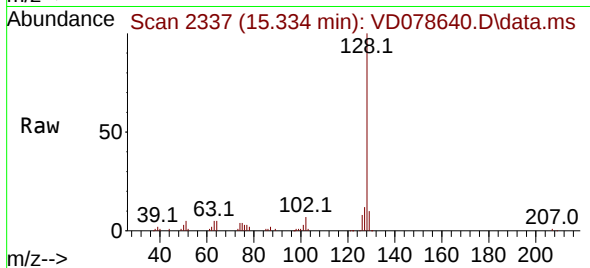
VSTDCCC050EC

Tgt Ion:	128	Resp:	15597
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.5	15.7
129	10.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.751 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion:	180	Resp:	74458
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.3	141.9
145	31.9	15.1	45.3

