

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078633.D
 Acq On : 12 Mar 2024 09:58
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 03:01:53 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	141288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69041	49.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.580%		
35) Dibromofluoromethane	7.810	113	80049	53.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.760%		
50) Toluene-d8	10.269	98	308248	53.398	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.800%		
62) 4-Bromofluorobenzene	12.575	95	91200	55.314	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	110.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	58375	53.177	ug/l	97
3) Chloromethane	2.152	50	87362	43.200	ug/l	97
4) Vinyl Chloride	2.287	62	143285	41.258	ug/l	97
5) Bromomethane	2.699	94	129000	46.508	ug/l	97
6) Chloroethane	2.840	64	109863	42.681	ug/l	98
7) Trichlorofluoromethane	3.181	101	120723	51.408	ug/l	94
8) Diethyl Ether	3.599	74	35676	54.103	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.975	101	76826	51.908	ug/l	99
10) Methyl Iodide	4.169	142	92465	59.703	ug/l	91
11) Tert butyl alcohol	5.052	59	16980	257.674	ug/l	98
12) 1,1-Dichloroethene	3.940	96	71659	51.863	ug/l	94
13) Acrolein	3.793	56	26903	193.686	ug/l	100
14) Allyl chloride	4.569	41	79771	50.689	ug/l	93
15) Acrylonitrile	5.252	53	77566	285.320	ug/l	97
16) Acetone	4.022	43	77458	288.673	ug/l	95
17) Carbon Disulfide	4.275	76	222667	48.371	ug/l	98
18) Methyl Acetate	4.569	43	31697	62.410	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	155928	55.504	ug/l	100
20) Methylene Chloride	4.805	84	91745	49.941	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	86415	52.052	ug/l	97
22) Diisopropyl ether	6.222	45	186435	52.839	ug/l	96
23) Vinyl Acetate	6.158	43	568663	271.366	ug/l	95
24) 1,1-Dichloroethane	6.116	63	136091	51.054	ug/l	100
25) 2-Butanone	7.081	43	96633	285.500	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	118360	52.560	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	97324	53.539	ug/l	99
28) Bromochloromethane	7.428	49	52489	52.709	ug/l	97
29) Tetrahydrofuran	7.452	42	50609	269.136	ug/l	97
30) Chloroform	7.599	83	148630	51.641	ug/l	93
31) Cyclohexane	7.875	56	105118	47.952	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	127743	51.738	ug/l	98
36) 1,1-Dichloropropene	8.010	75	114333	55.617	ug/l	97
37) Ethyl Acetate	7.163	43	35971	54.004	ug/l	97
38) Carbon Tetrachloride	7.993	117	119149	55.415	ug/l	96
39) Methylcyclohexane	9.275	83	135336	56.091	ug/l	98
40) Benzene	8.252	78	332027	54.491	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 03:01:53 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)
41) Methacrylonitrile	7.405	41	20948	58.677	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	84851	54.891	ug/l	97
43) Isopropyl Acetate	8.363	43	70372	55.107	ug/l	95
44) Trichloroethene	9.028	130	89174	53.331	ug/l	94
45) 1,2-Dichloropropane	9.304	63	80270	54.840	ug/l	100
46) Dibromomethane	9.399	93	49625	58.810	ug/l	94
47) Bromodichloromethane	9.581	83	115980	55.743	ug/l	100
48) Methyl methacrylate	9.381	41	33475	57.868	ug/l	89
49) 1,4-Dioxane	9.387	88	9766	1045.380	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	193384	293.395	ug/l	95
52) Toluene	10.334	92	216604	55.401	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	108022	56.122	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	129113	56.024	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	67043	56.426	ug/l	96
56) Ethyl methacrylate	10.599	69	70271	59.008	ug/l	94
57) 1,3-Dichloropropane	10.881	76	104742	54.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	168185	317.418	ug/l	98
59) 2-Hexanone	10.922	43	147616	301.944	ug/l	93
60) Dibromochloromethane	11.075	129	81304	56.671	ug/l	94
61) 1,2-Dibromoethane	11.175	107	63836	58.541	ug/l	99
64) Tetrachloroethene	10.810	164	74742	54.746	ug/l	97
65) Chlorobenzene	11.604	112	235688	55.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	87412	54.951	ug/l	98
67) Ethyl Benzene	11.681	91	417056	56.331	ug/l	99
68) m/p-Xylenes	11.793	106	333928	111.486	ug/l	94
69) o-Xylene	12.122	106	154494	56.857	ug/l	94
70) Styrene	12.134	104	274338	58.247	ug/l	100
71) Bromoform	12.298	173	50120	59.226	ug/l #	98
73) Isopropylbenzene	12.422	105	405349	53.491	ug/l	97
74) N-amyl acetate	12.234	43	67369	52.819	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	73959	50.947	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	47986m	52.558	ug/l	
77) Bromobenzene	12.698	156	99626	54.361	ug/l	99
78) n-propylbenzene	12.763	91	490699	52.939	ug/l	98
79) 2-Chlorotoluene	12.851	91	263886	53.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	335418	54.395	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	22782	53.410	ug/l	98
82) 4-Chlorotoluene	12.945	91	280074	52.835	ug/l	97
83) tert-Butylbenzene	13.169	119	292147	55.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	342409	54.328	ug/l	99
85) sec-Butylbenzene	13.345	105	450756	54.418	ug/l	96
86) p-Isopropyltoluene	13.463	119	384297	55.112	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	208479	53.239	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	205328	52.336	ug/l	99
89) n-Butylbenzene	13.787	91	357045	54.792	ug/l	97
90) Hexachloroethane	14.057	117	74606	52.620	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	178458	53.651	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10351	53.493	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	109280	55.481	ug/l	96
94) Hexachlorobutadiene	15.204	225	58554	54.029	ug/l	98
95) Naphthalene	15.334	128	197076	56.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	95362	54.515	ug/l	99

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

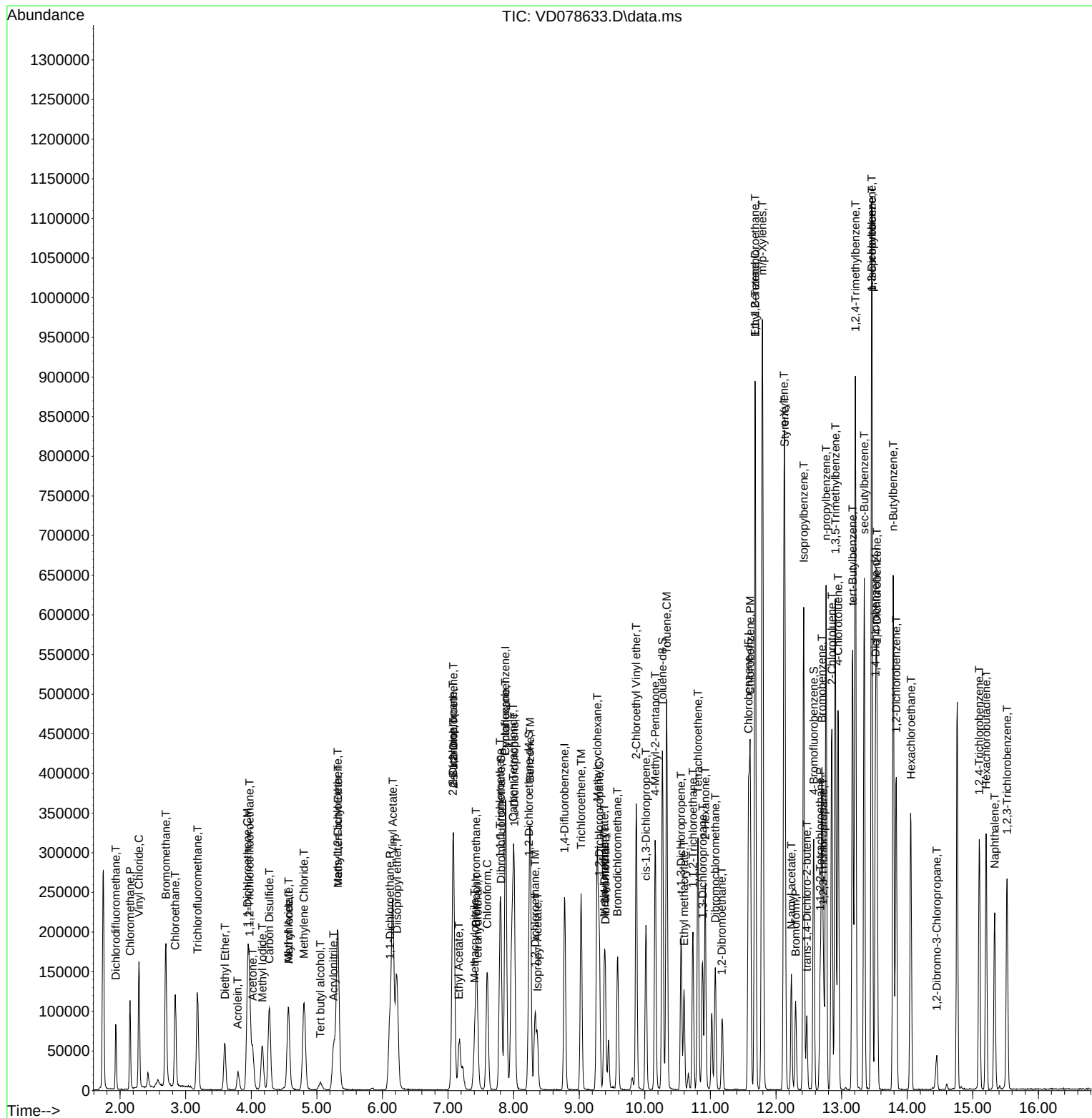
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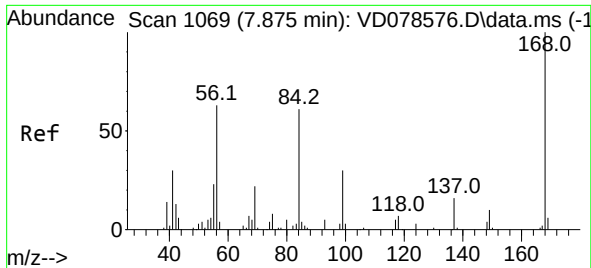
Instrument :
MSVOA_D
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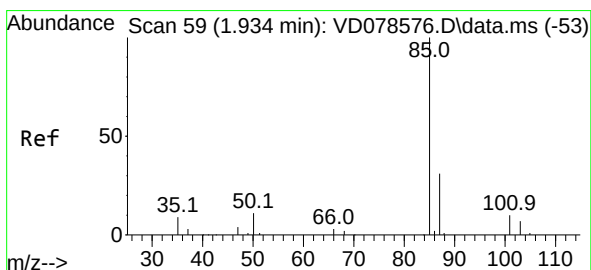
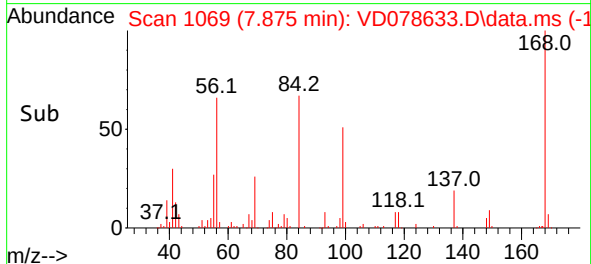
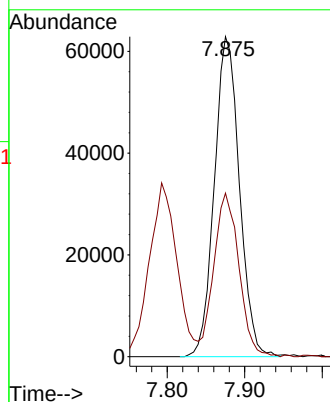
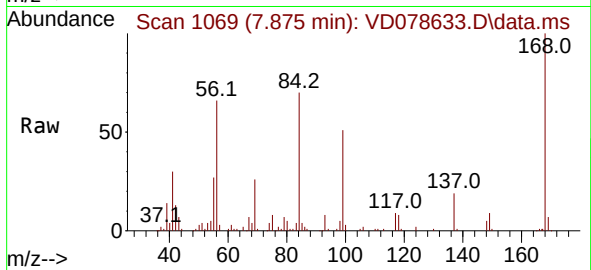
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 141288
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1

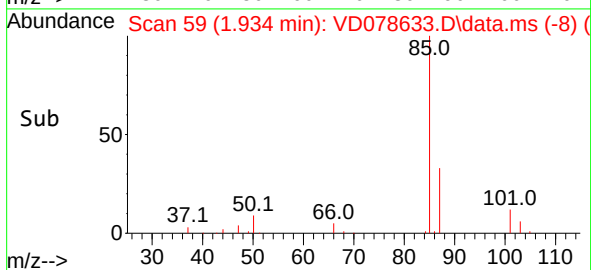
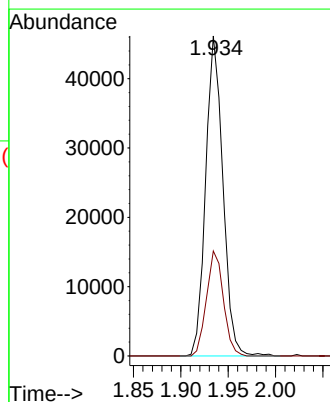
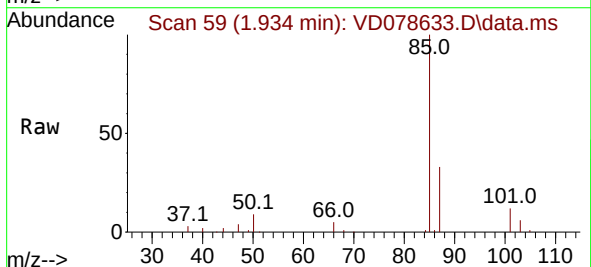
Manual Integrations
APPROVED

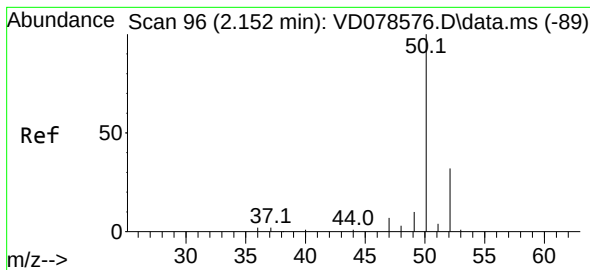
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#2
Dichlorodifluoromethane
Concen: 53.177 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 85 Resp: 58375
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0





#3

Chloromethane

Concen: 43.200 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 87362

Ion Ratio Lower Upper

50 100

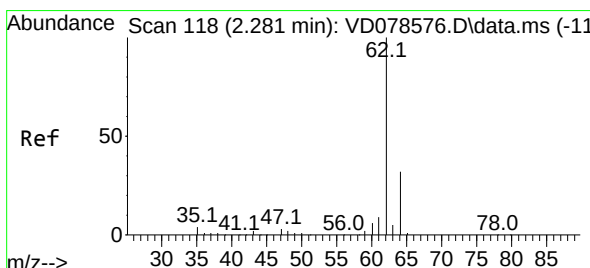
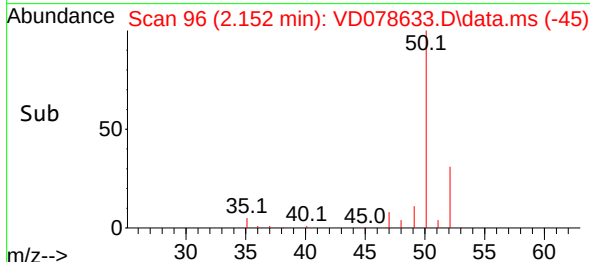
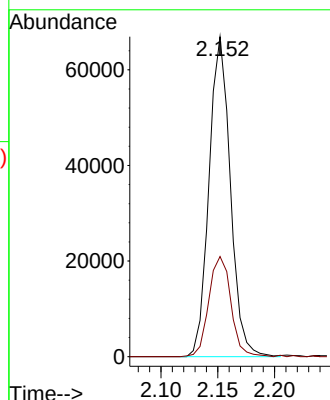
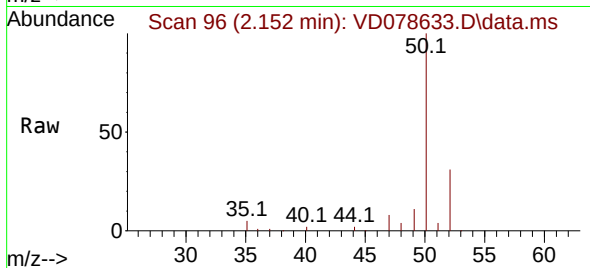
52 31.3 26.6 40.0

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 41.258 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.006 min

Lab File: VD078633.D

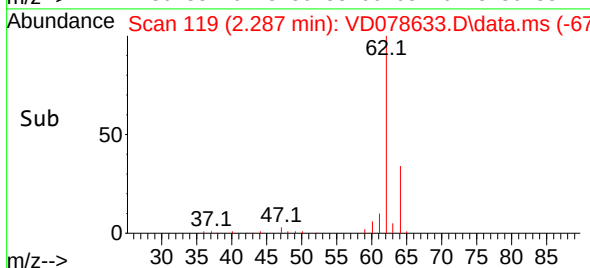
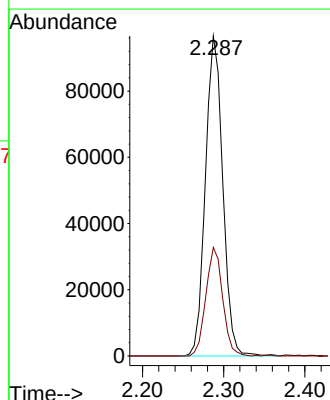
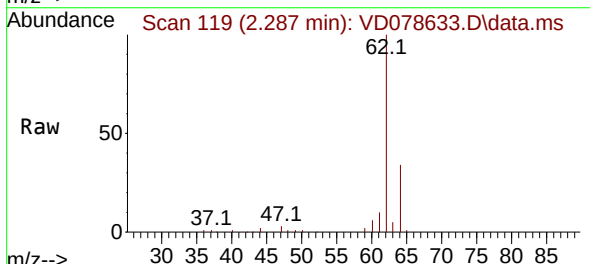
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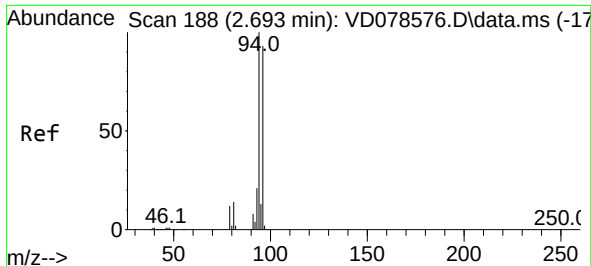
Tgt Ion: 62 Resp: 143285

Ion Ratio Lower Upper

62 100

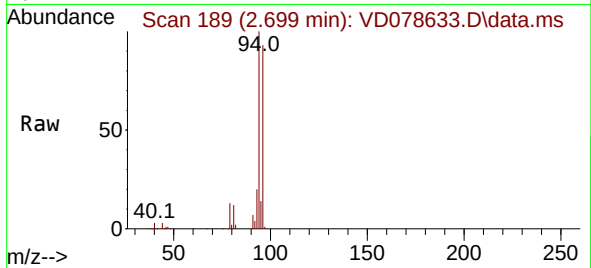
64 33.9 26.0 39.0





#5
Bromomethane
Concen: 46.508 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

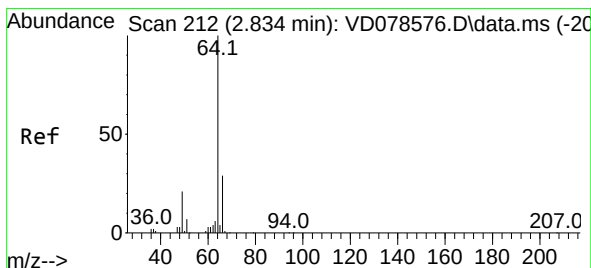
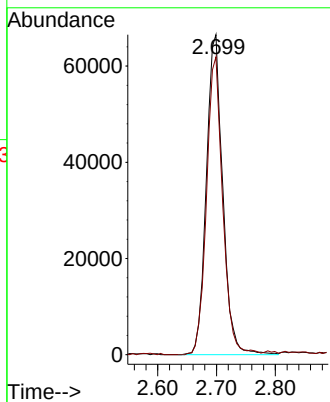
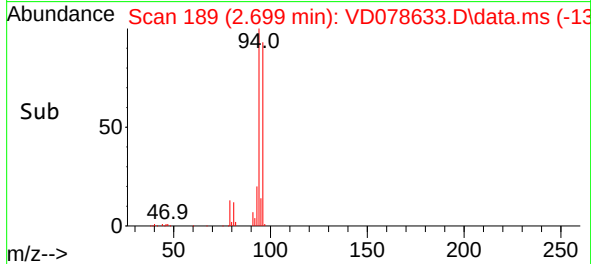
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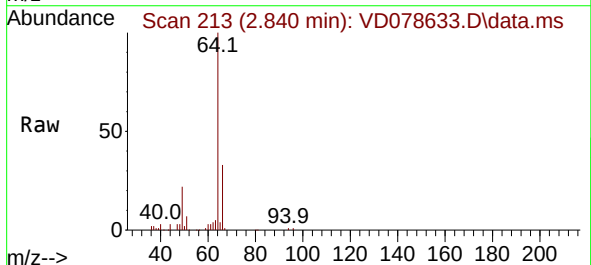
Tgt Ion: 94 Resp: 129000
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8

Manual Integrations
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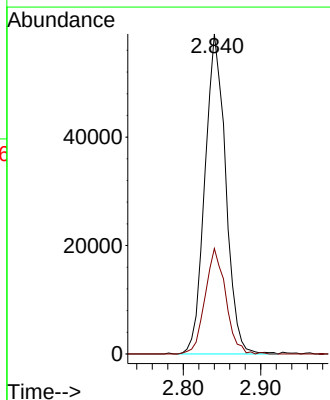
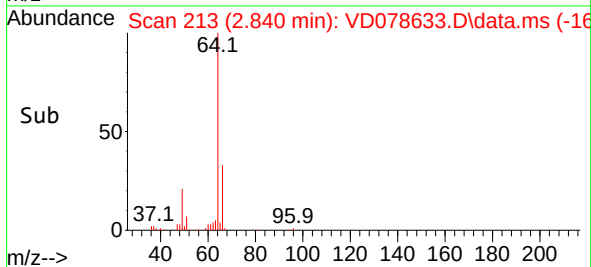
Reviewed By :Mahesh Dadoda 03/13/2024
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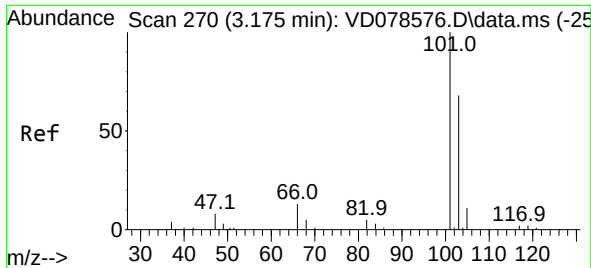


#6
Chloroethane
Concen: 42.681 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



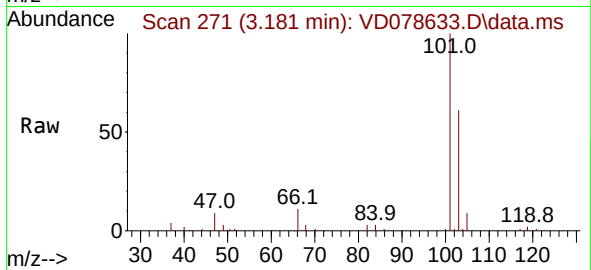
Tgt Ion: 64 Resp: 109863
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 51.408 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

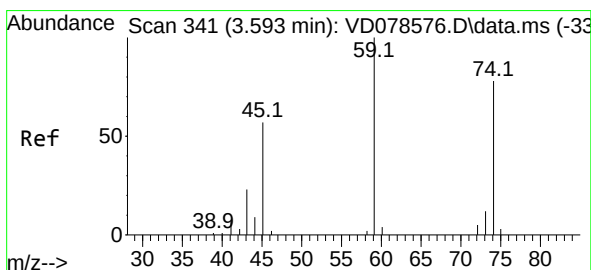
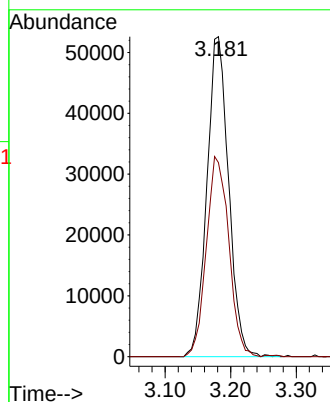
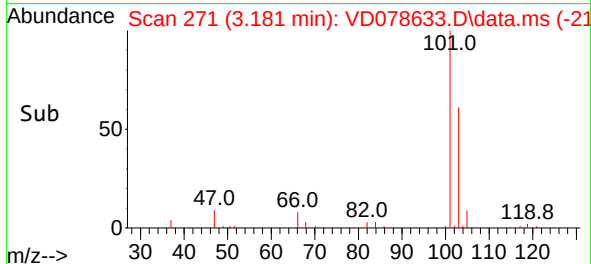
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 12072
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.3 78.5

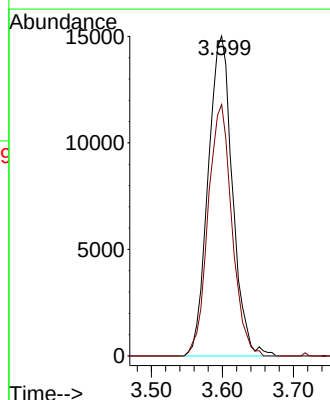
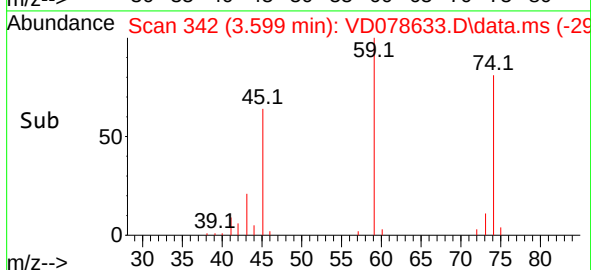
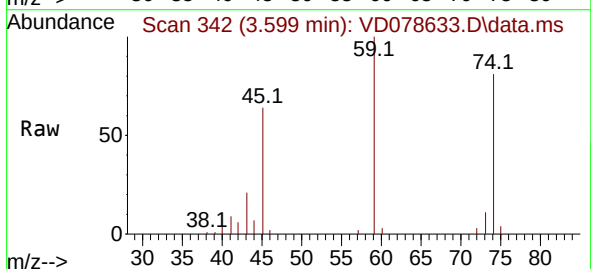
Manual Integrations
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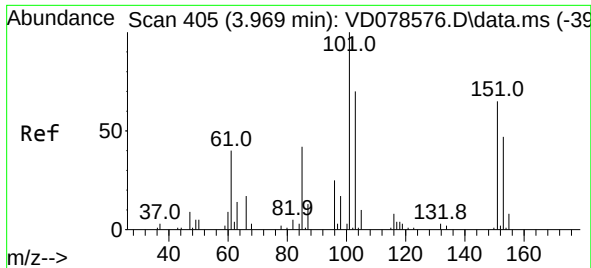
Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024



#8
 Diethyl Ether
 Concen: 54.103 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

Tgt Ion: 74 Resp: 35676
 Ion Ratio Lower Upper
 74 100
 45 77.0 37.5 112.7





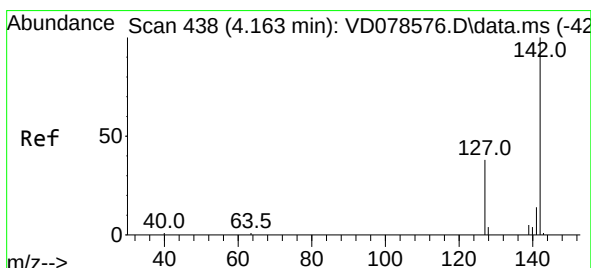
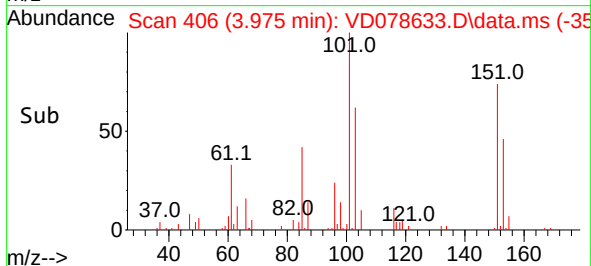
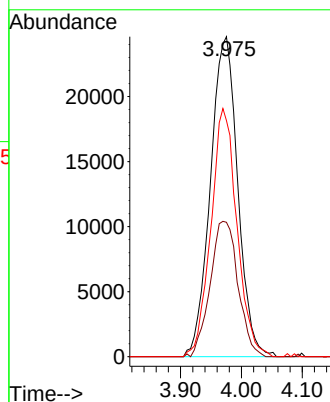
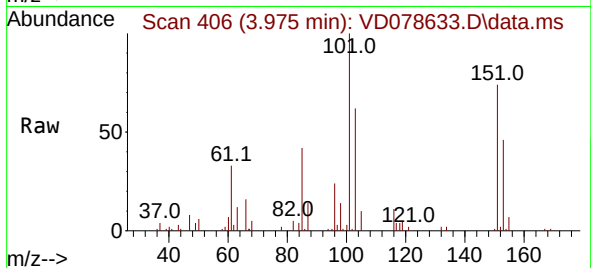
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.908 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 76820
Ion Ratio Lower Upper
101 100
85 43.1 33.8 50.6
151 73.9 59.8 89.6

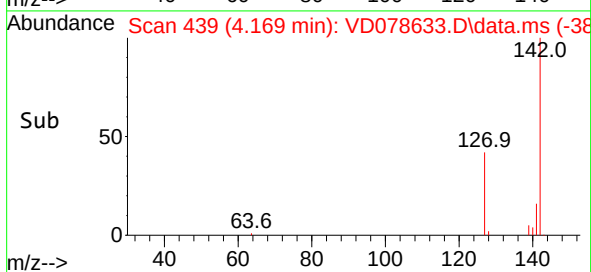
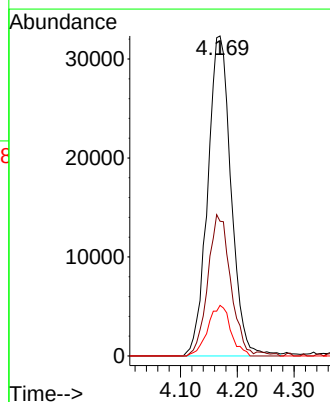
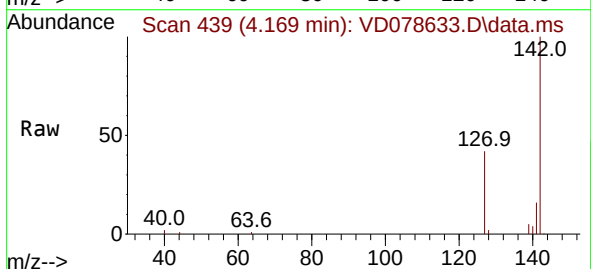
Manual Integrations
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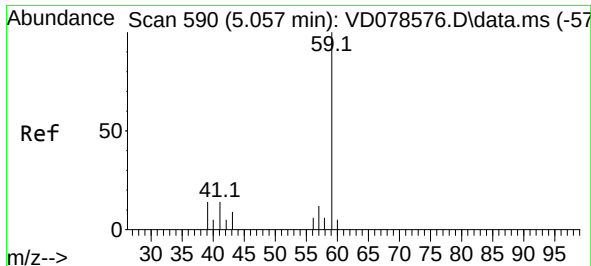
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#10
Methyl Iodide
Concen: 59.703 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

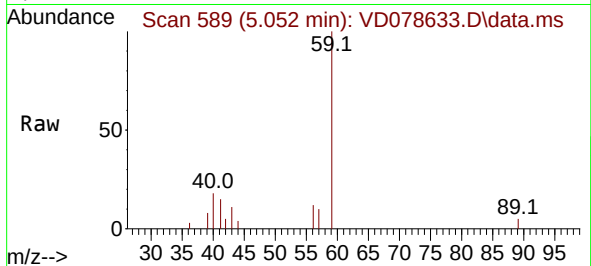
Tgt Ion:142 Resp: 92465
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 15.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 257.674 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

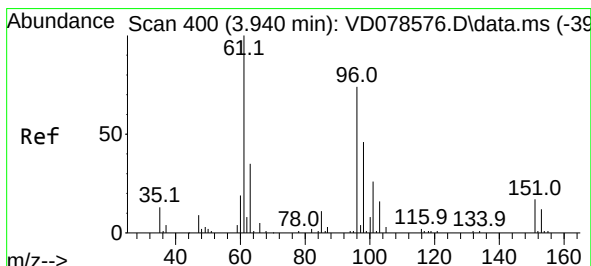
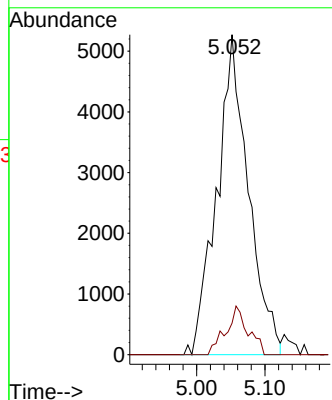
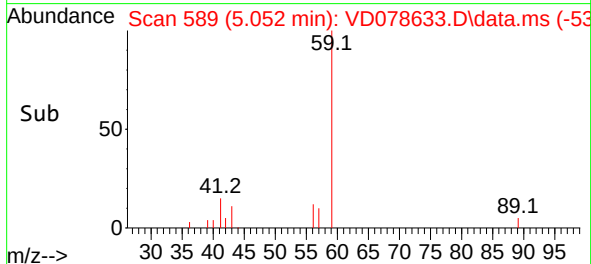
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



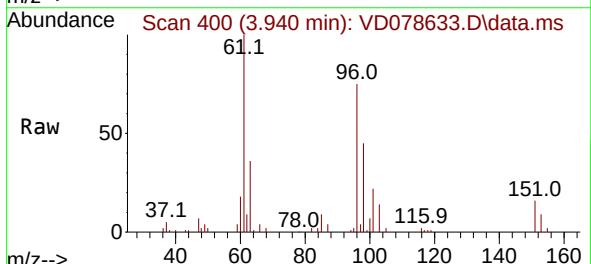
Tgt Ion: 59 Resp: 16980
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8

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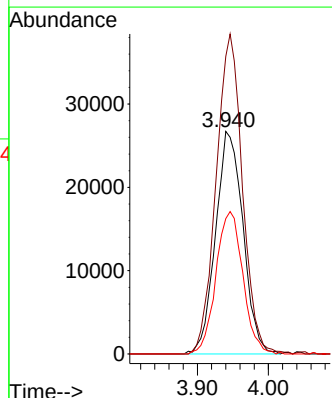
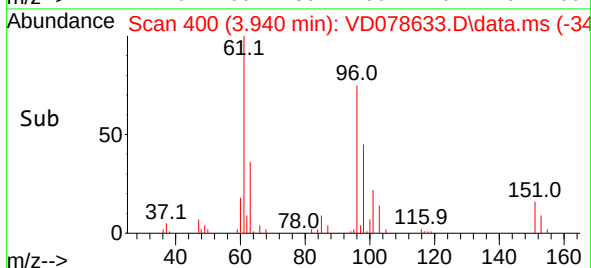
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

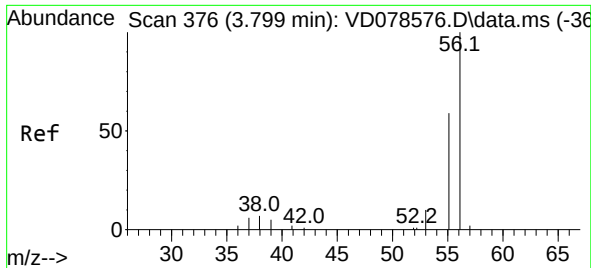


#12
1,1-Dichloroethene
Concen: 51.863 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



Tgt Ion: 96 Resp: 71659
Ion Ratio Lower Upper
96 100
61 133.8 100.6 150.8
98 60.8 50.2 75.2





#13

Acrolein

Concen: 193.686 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 2690

Ion Ratio Lower Upper

56 100

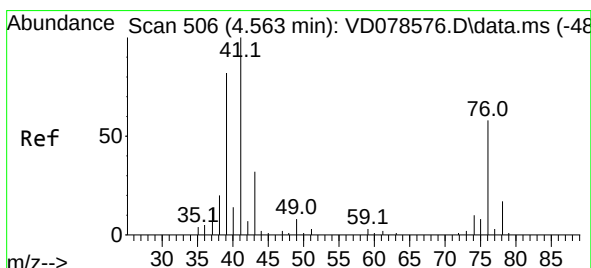
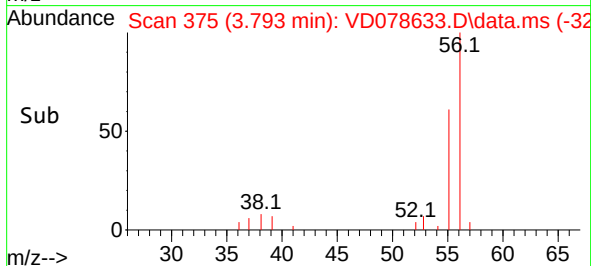
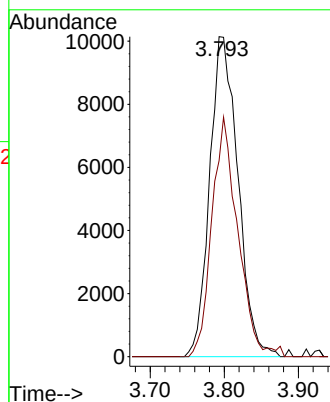
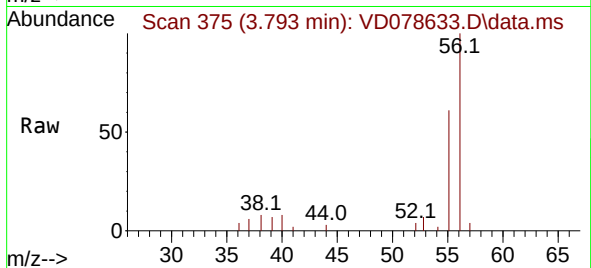
55 69.0 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#14

Allyl chloride

Concen: 50.689 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

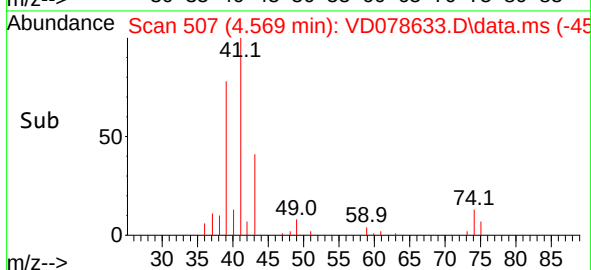
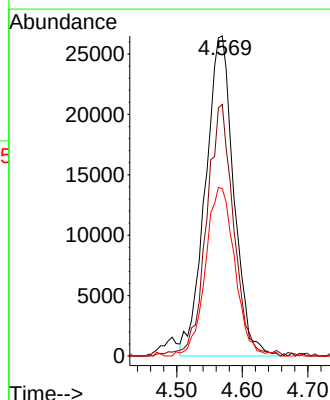
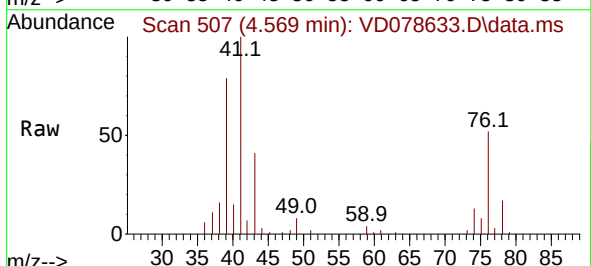
Tgt Ion: 41 Resp: 79771

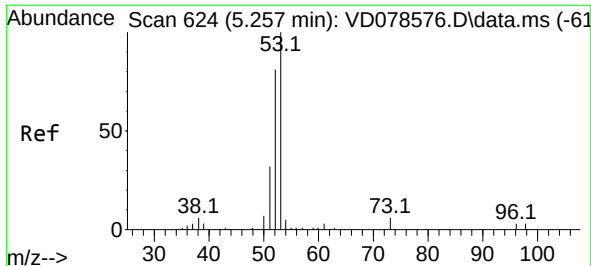
Ion Ratio Lower Upper

41 100

39 75.1 53.8 80.6

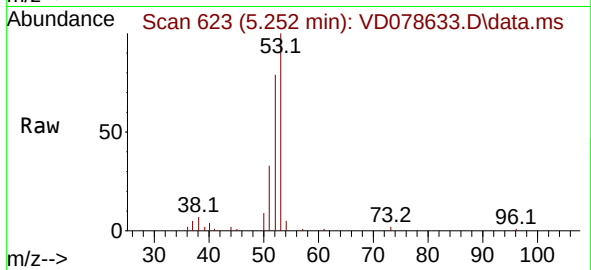
76 54.3 45.8 68.8





#15
Acrylonitrile
Concen: 285.320 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

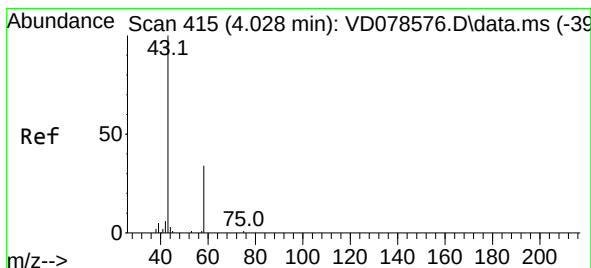
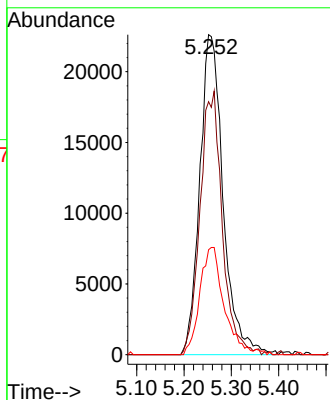
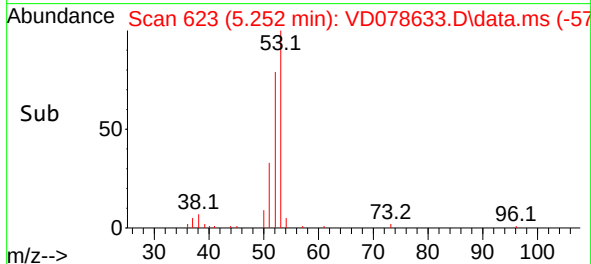
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 77560
Ion Ratio Lower Upper
53 100
52 78.1 65.0 97.4
51 34.4 28.3 42.5

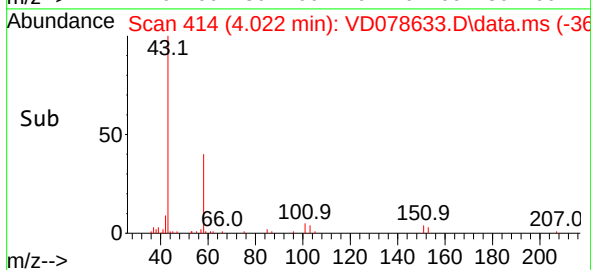
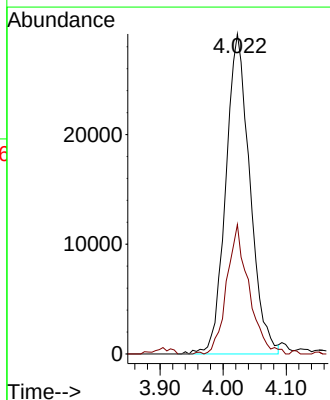
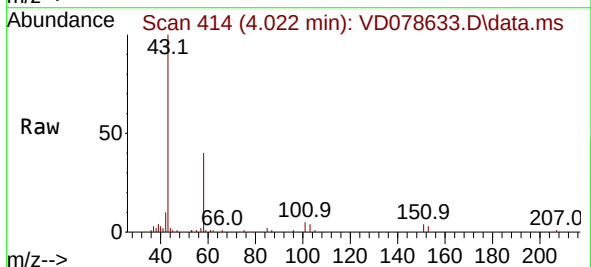
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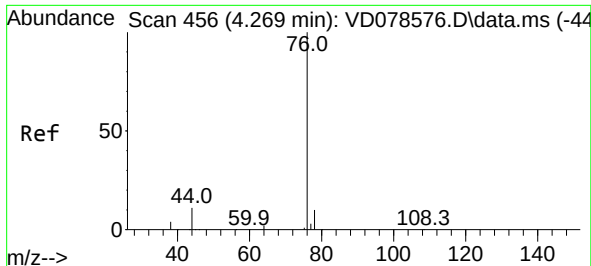
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#16
Acetone
Concen: 288.673 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 43 Resp: 77458
Ion Ratio Lower Upper
43 100
58 40.4 34.7 52.1





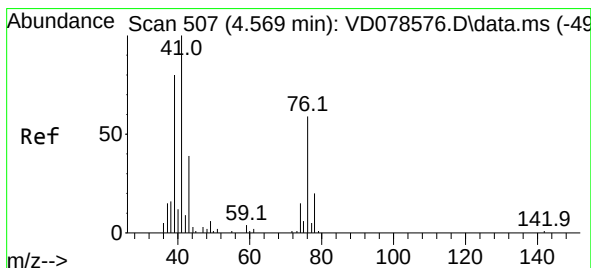
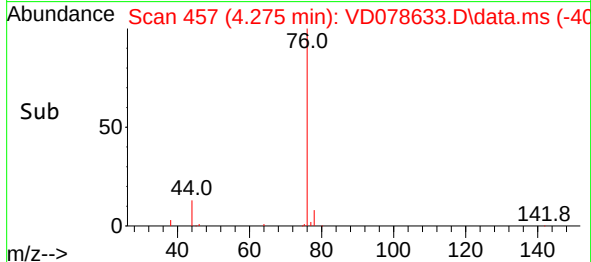
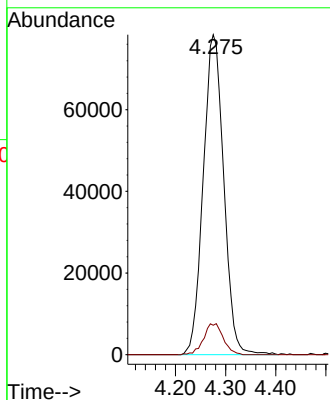
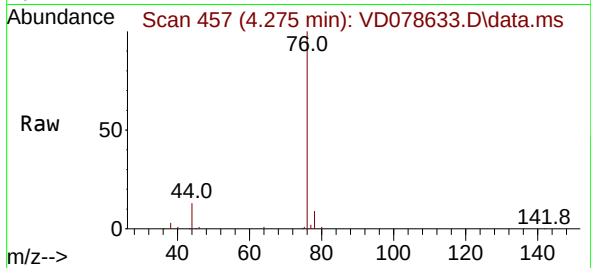
#17
Carbon Disulfide
Concen: 48.371 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 22266
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

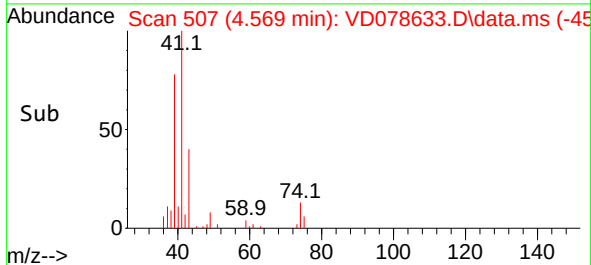
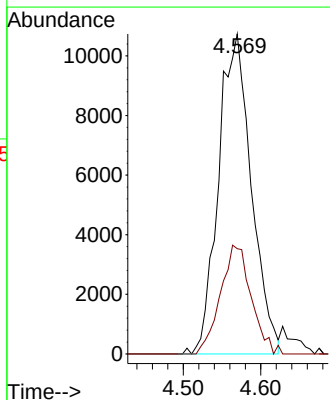
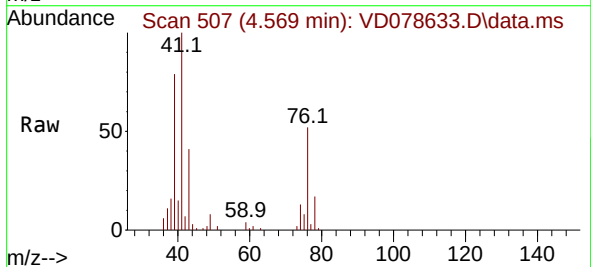
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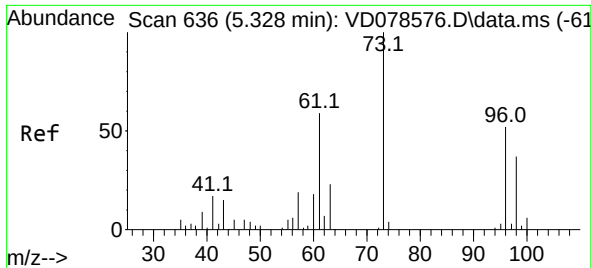
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#18
Methyl Acetate
Concen: 62.410 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 43 Resp: 31697
Ion Ratio Lower Upper
43 100
74 31.8 26.4 39.6





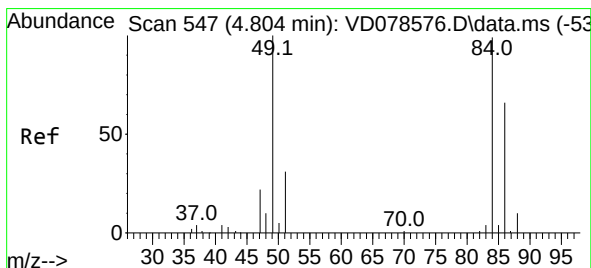
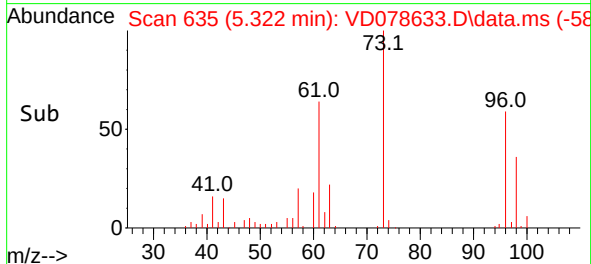
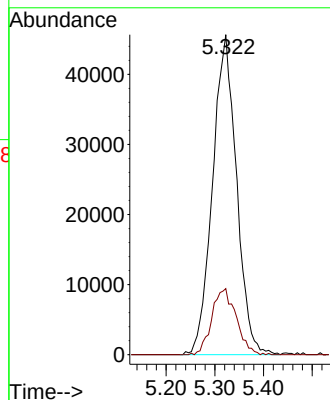
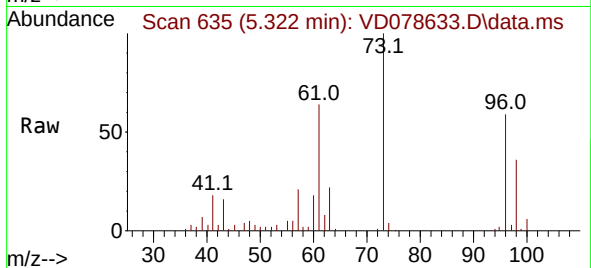
#19
Methyl tert-butyl Ether
Concen: 55.504 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 155928
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

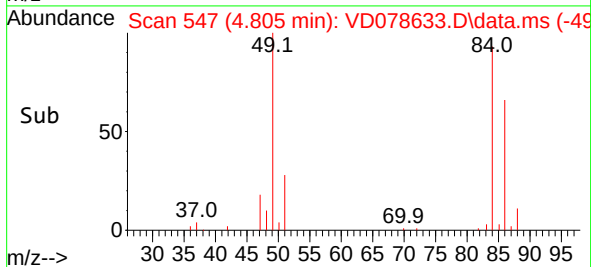
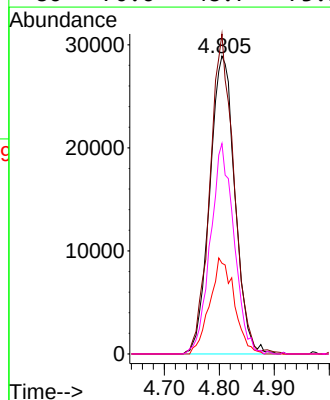
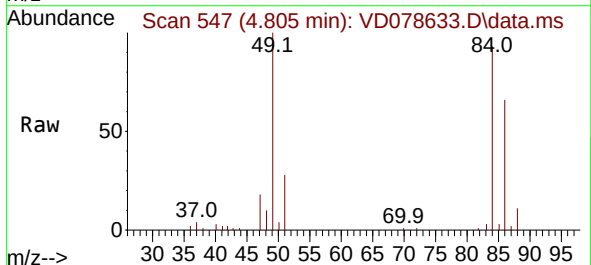
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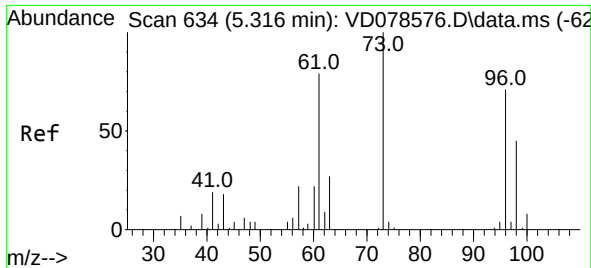
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#20
Methylene Chloride
Concen: 49.941 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 84 Resp: 91745
Ion Ratio Lower Upper
84 100
49 107.4 71.4 107.2#
51 30.4 24.5 36.7
86 70.6 48.7 73.1





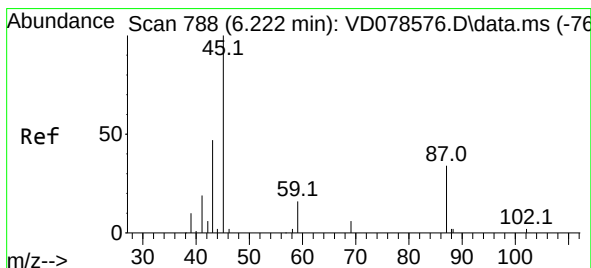
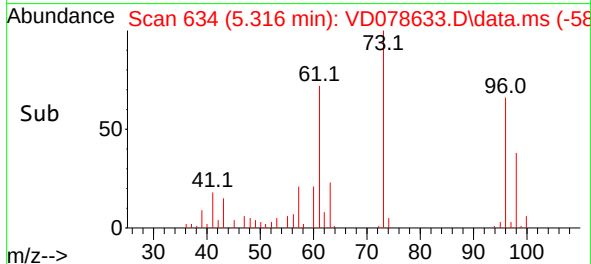
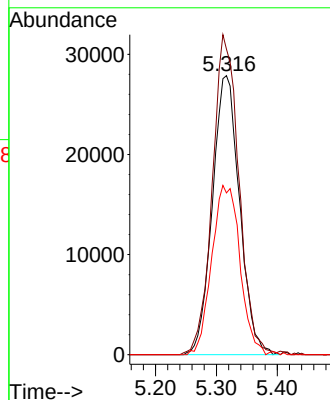
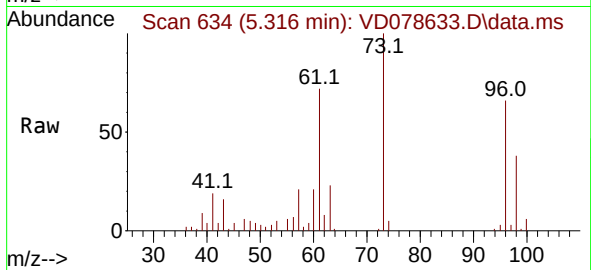
#21
trans-1,2-Dichloroethene
Concen: 52.052 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 86415
Ion Ratio Lower Upper
96 100
61 109.5 89.3 133.9
98 58.0 48.6 73.0

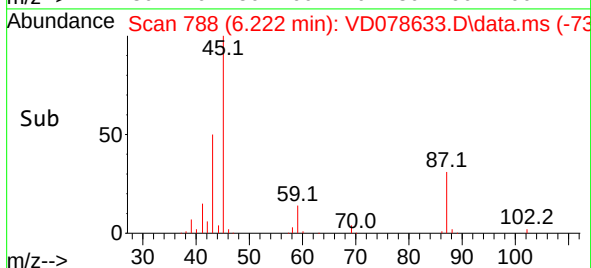
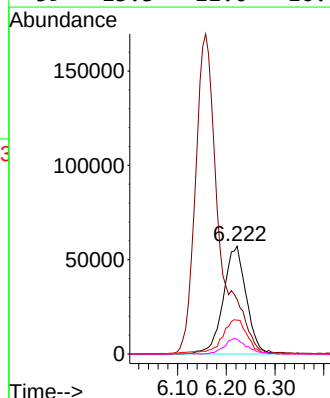
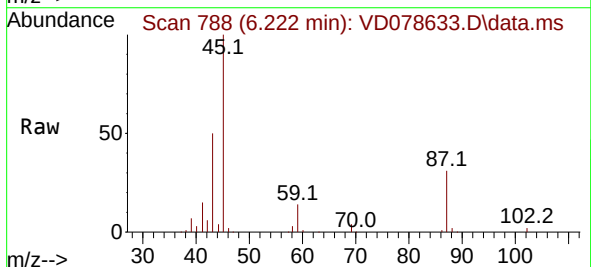
Manual Integrations
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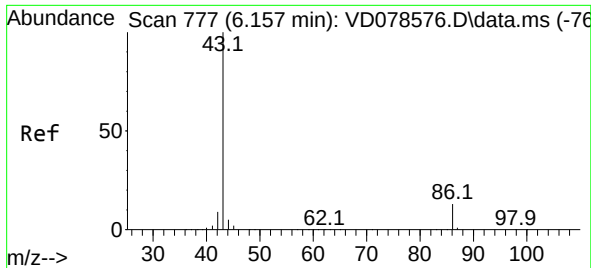
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#22
Diisopropyl ether
Concen: 52.839 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 45 Resp: 186435
Ion Ratio Lower Upper
45 100
43 48.9 40.0 60.0
87 31.0 28.2 42.4
59 13.3 11.0 16.4





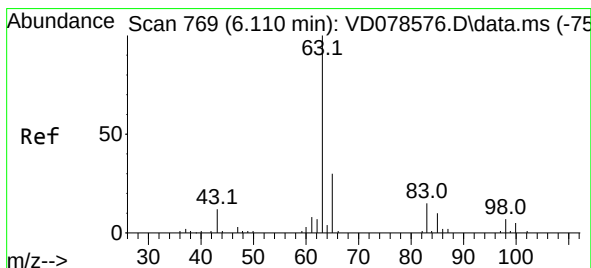
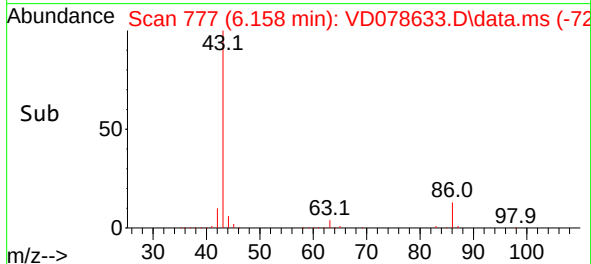
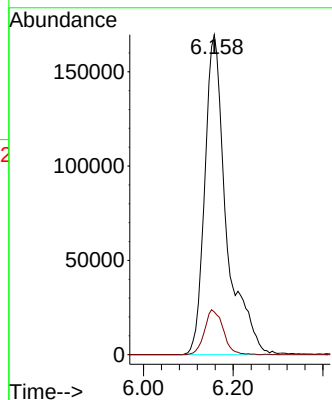
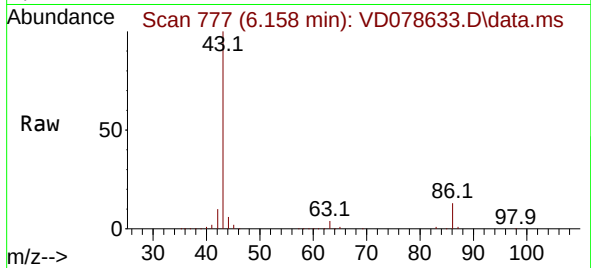
#23
 Vinyl Acetate
 Concen: 271.366 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 56866
 Ion Ratio Lower Upper
 43 100
 86 13.4 12.5 18.7

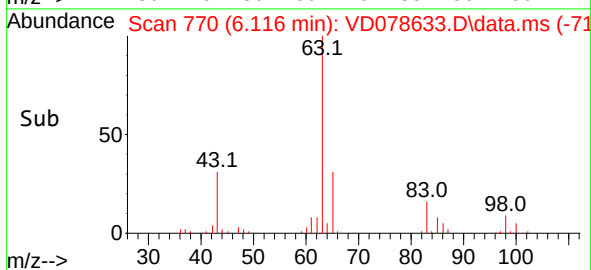
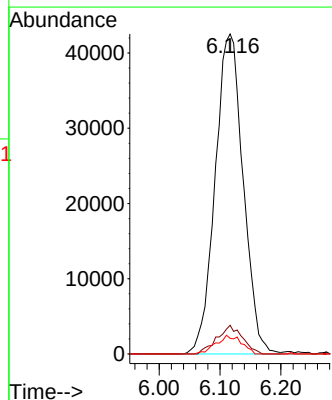
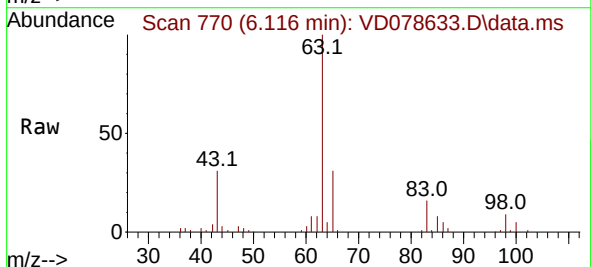
Manual Integrations
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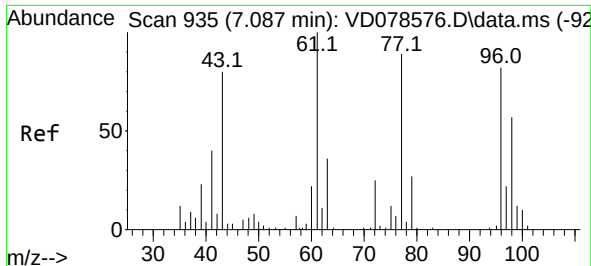
Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024



#24
 1,1-Dichloroethane
 Concen: 51.054 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

Tgt Ion: 63 Resp: 136091
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 285.500 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9663

Ion Ratio Lower Upper

43 100

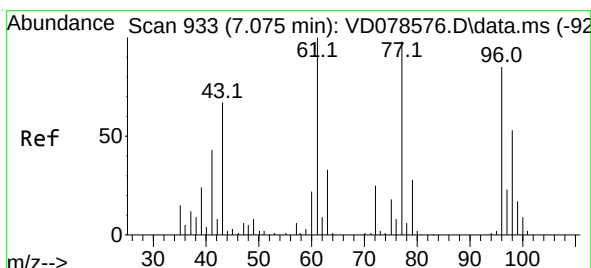
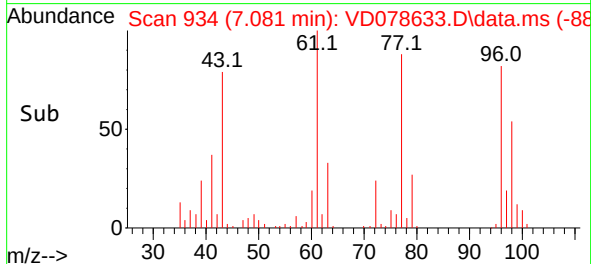
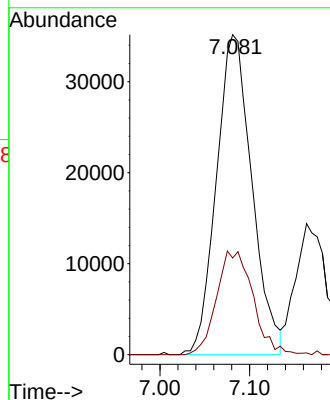
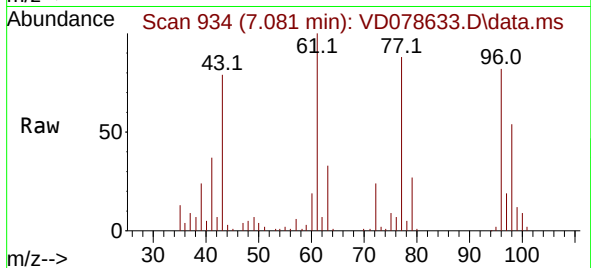
72 30.2 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#26

2,2-Dichloropropane

Concen: 52.560 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078633.D

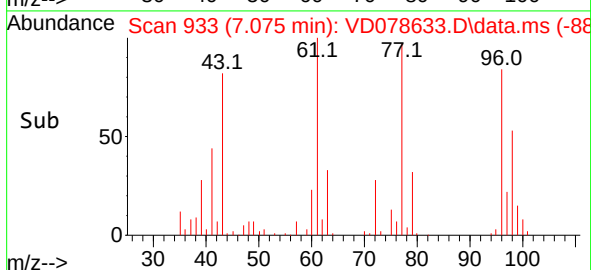
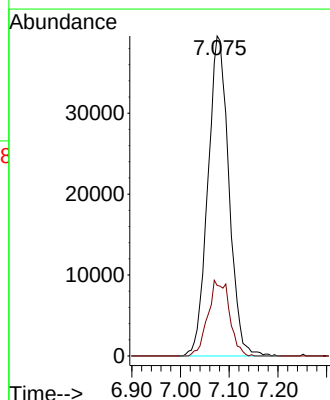
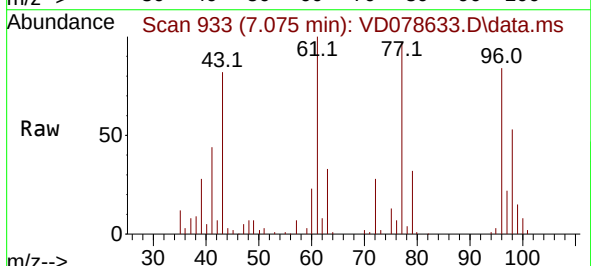
Acq: 12 Mar 2024 09:58

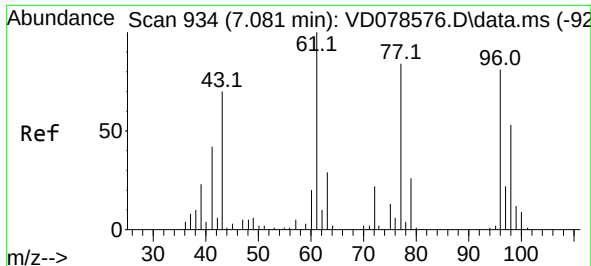
Tgt Ion: 77 Resp: 118360

Ion Ratio Lower Upper

77 100

97 24.1 13.2 39.6





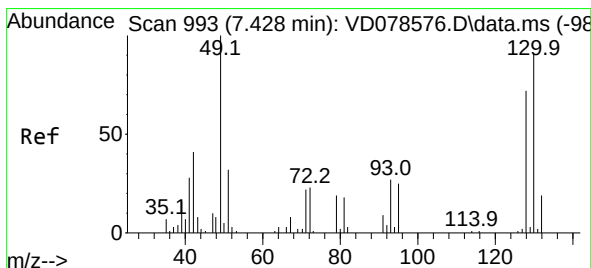
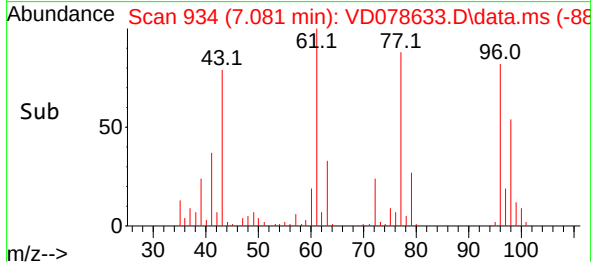
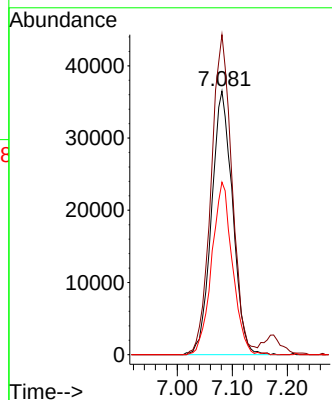
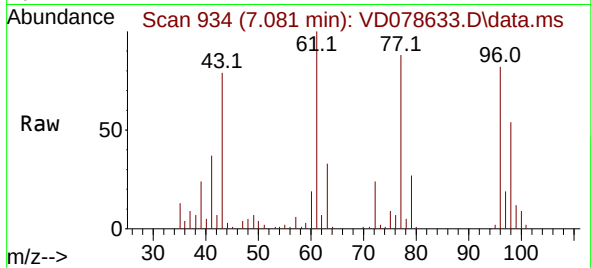
#27
cis-1,2-Dichloroethene
Concen: 53.539 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 97324
Ion Ratio Lower Upper
96 100
61 120.7 0.0 239.2
98 64.3 0.0 128.6

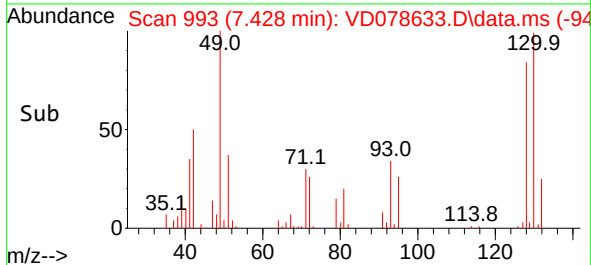
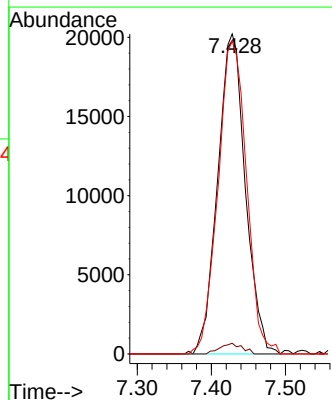
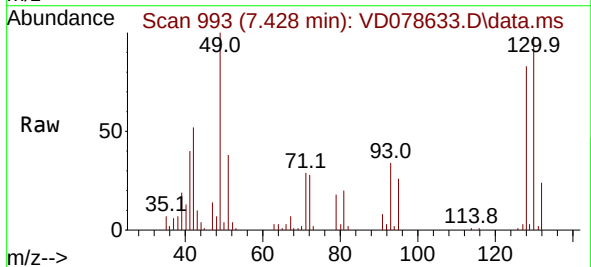
Manual Integrations
APPROVED

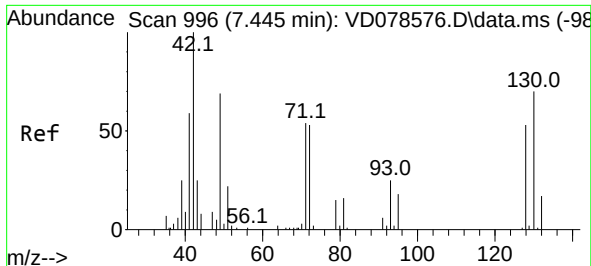
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#28
Bromochloromethane
Concen: 52.709 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 49 Resp: 52489
Ion Ratio Lower Upper
49 100
129 2.7 0.0 6.0
130 100.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 269.136 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

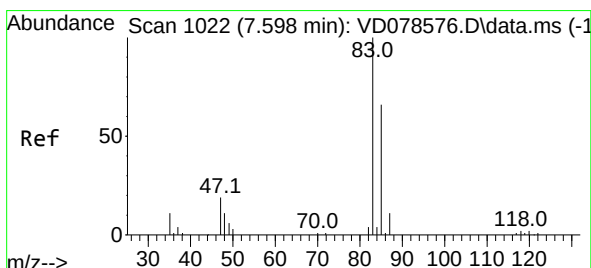
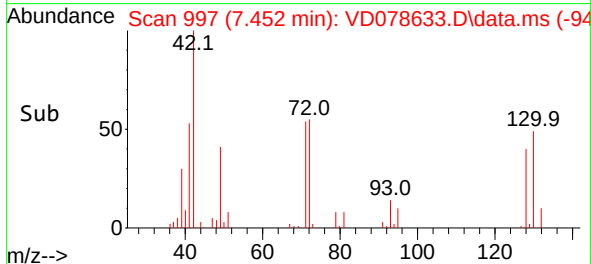
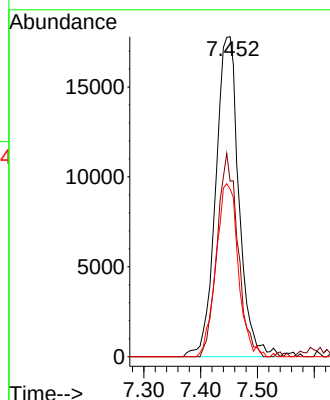
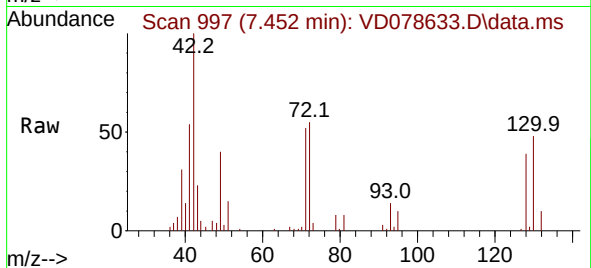
VSTDCCC050

Tgt Ion:	42	Resp:	50609
Ion Ratio	Lower	Upper	
42	100		
72	56.7	46.5	69.7
71	52.0	44.5	66.7

Manual Integrations

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



#30

Chloroform

Concen: 51.641 ug/l

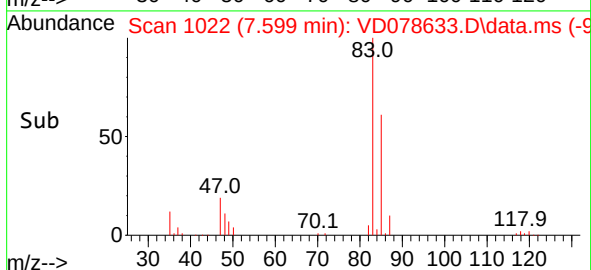
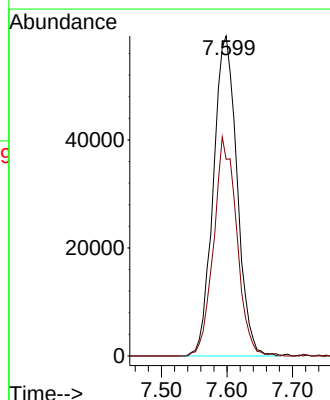
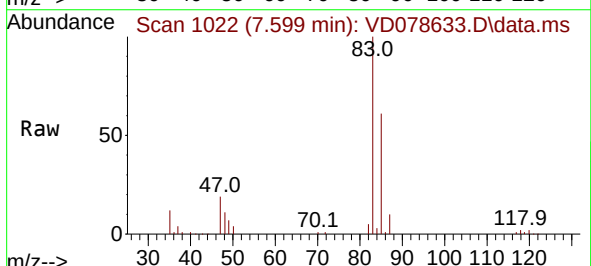
RT: 7.599 min Scan# 1022

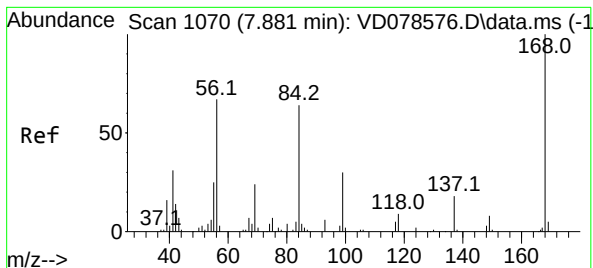
Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Tgt Ion:	83	Resp:	148630
Ion Ratio	Lower	Upper	
83	100		
85	61.4	53.4	80.2





#31

Cyclohexane

Concen: 47.952 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 105118

Ion Ratio Lower Upper

56 100

69 39.5 28.6 43.0

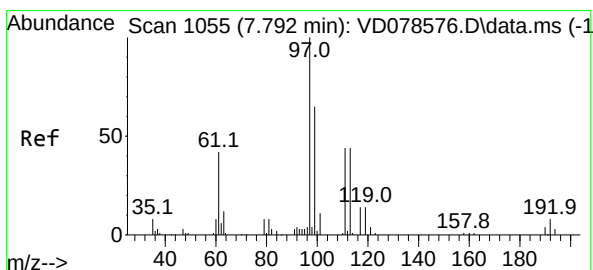
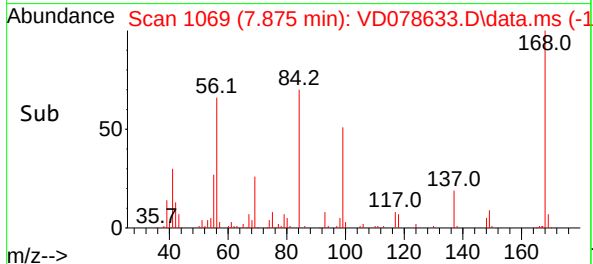
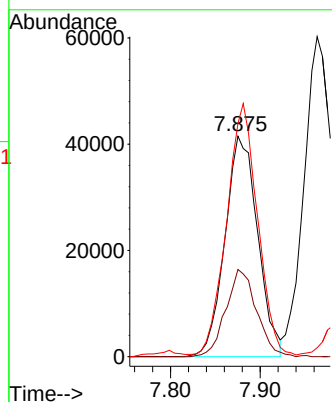
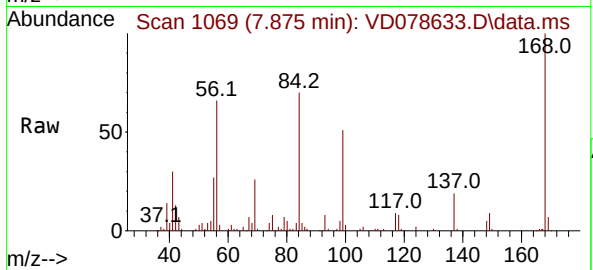
84 104.4 84.8 127.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#32

1,1,1-Trichloroethane

Concen: 51.738 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

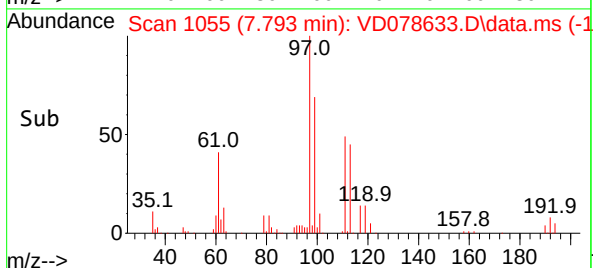
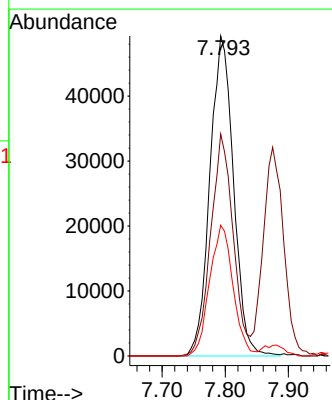
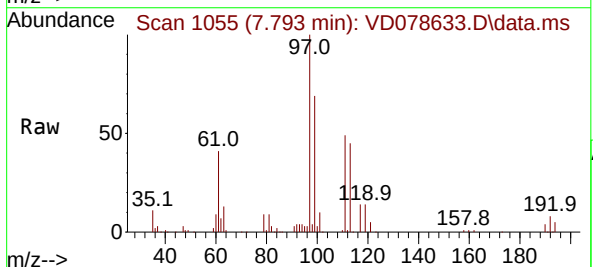
Tgt Ion: 97 Resp: 127743

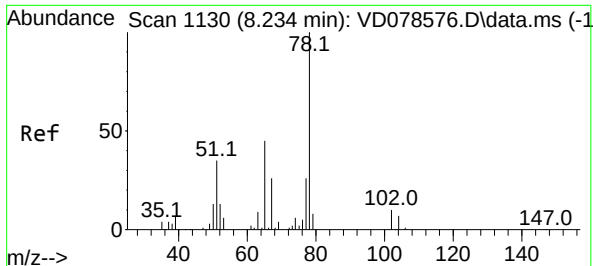
Ion Ratio Lower Upper

97 100

99 66.5 52.0 78.0

61 40.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.295 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6904

Ion Ratio Lower Upper

65 100

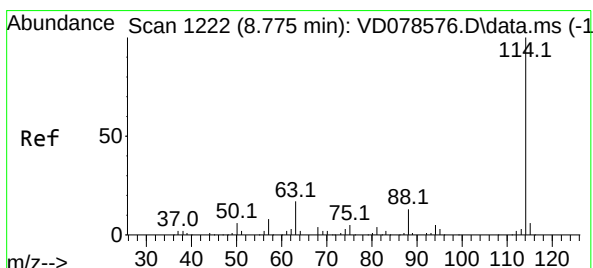
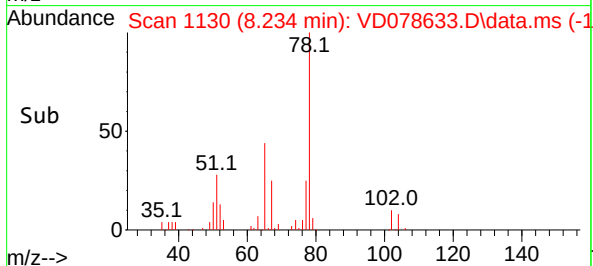
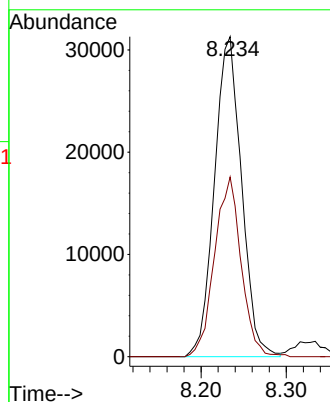
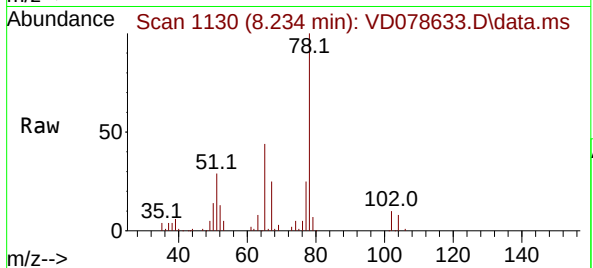
67 55.2 0.0 115.0

Manual Integrations

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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: VD078633.D

Acq: 12 Mar 2024 09:58

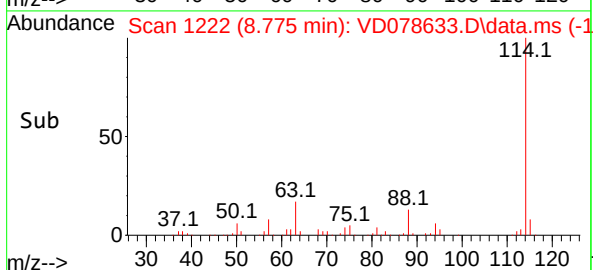
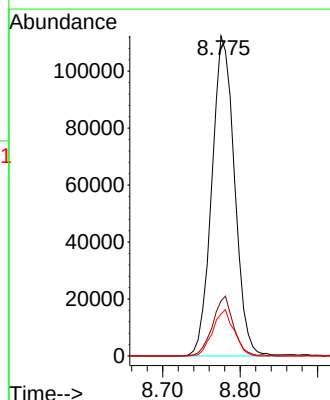
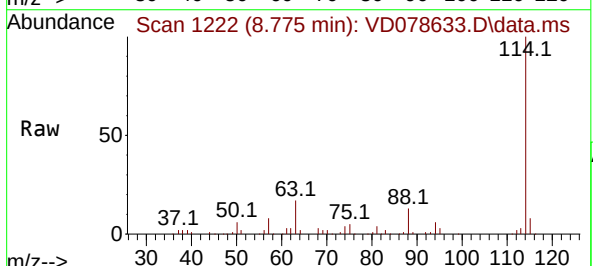
Tgt Ion:114 Resp: 228376

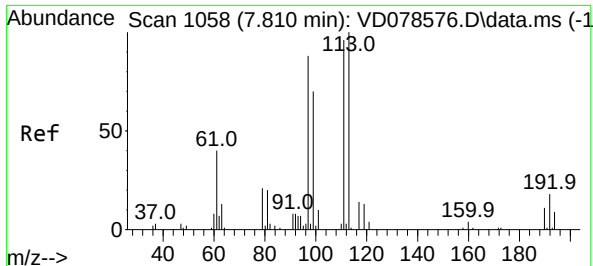
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.884 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

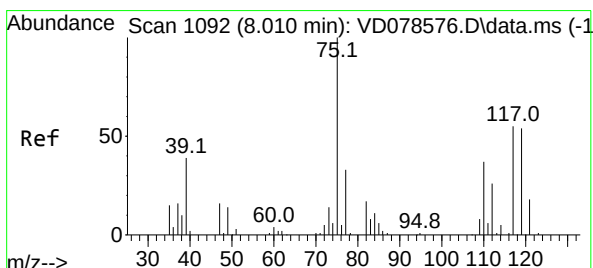
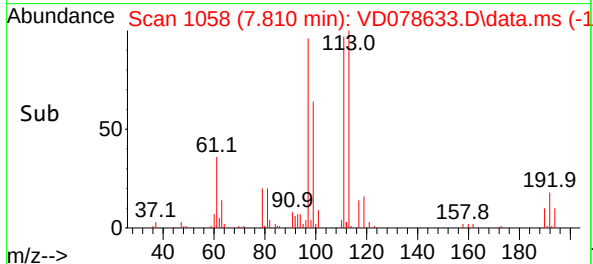
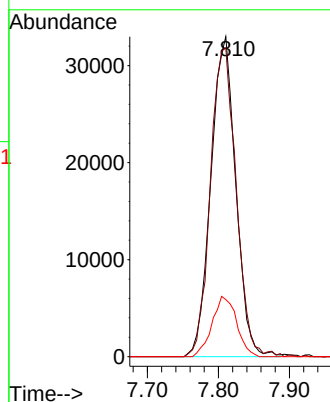
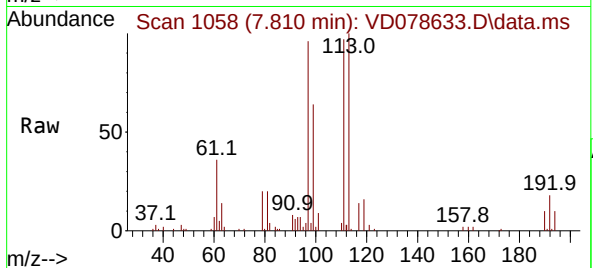
Tgt Ion: 113 Resp: 80049

Ion	Ratio	Lower	Upper
113	100		
111	100.2	84.7	127.1
192	18.6	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: 55.617 ug/l

RT: 8.010 min Scan# 1092

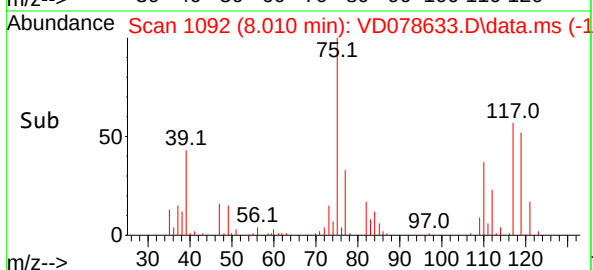
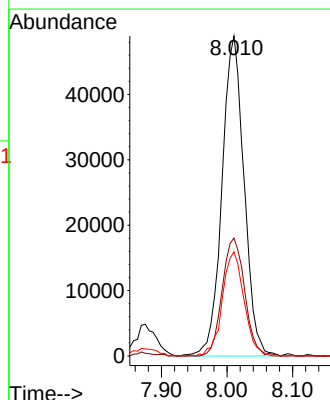
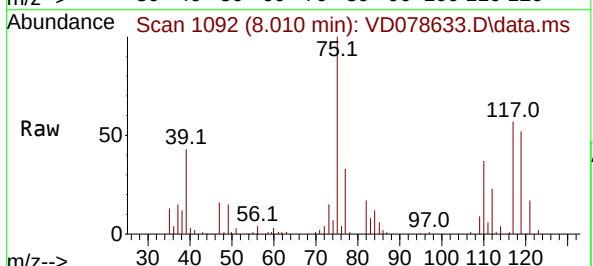
Delta R.T. 0.000 min

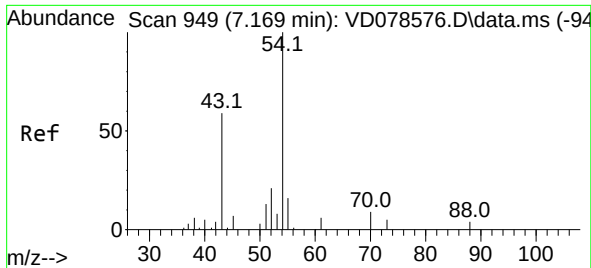
Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Tgt Ion: 75 Resp: 114333

Ion	Ratio	Lower	Upper
75	100		
110	37.4	19.9	59.6
77	32.1	24.7	37.1





#37

Ethyl Acetate

Concen: 54.004 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

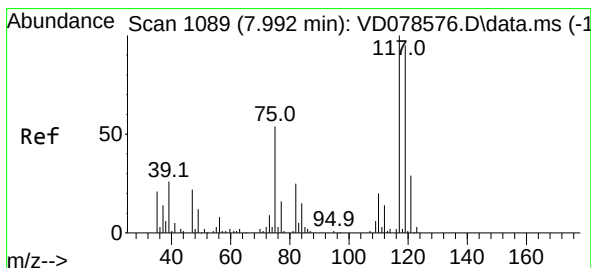
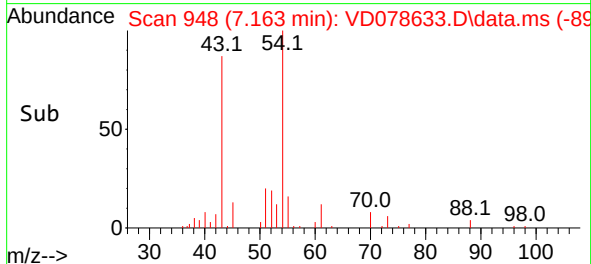
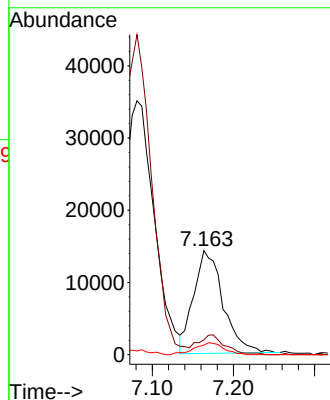
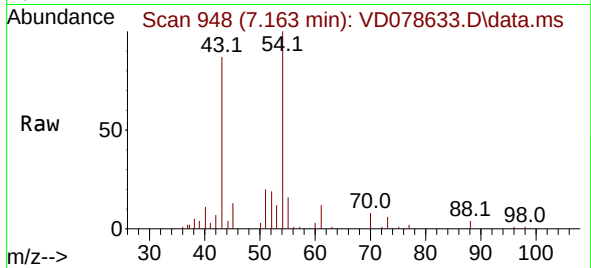
VSTDCCC050

Tgt Ion: 43	Resp: 3597
Ion Ratio	Lower Upper
43 100	
61 17.5	14.9 22.3
70 11.4	10.0 15.0

Manual Integrations

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



#38

Carbon Tetrachloride

Concen: 55.415 ug/l

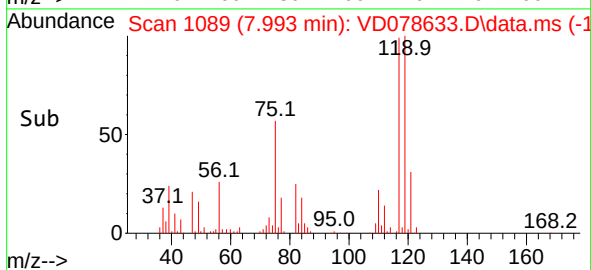
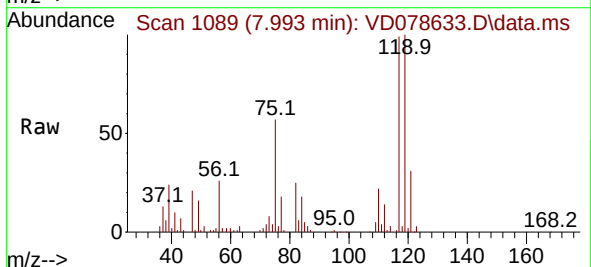
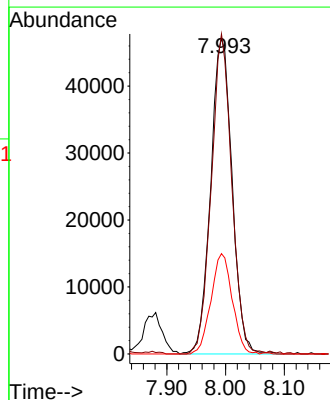
RT: 7.993 min Scan# 1089

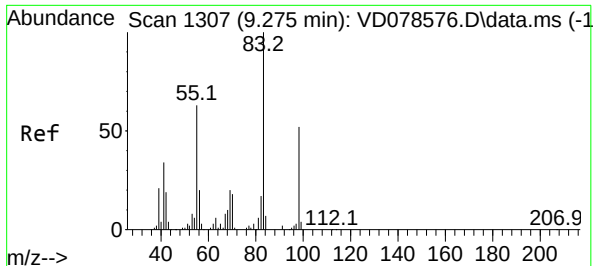
Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Tgt Ion:117	Resp: 119149
Ion Ratio	Lower Upper
117 100	
119 101.4	78.0 117.0
121 31.8	24.2 36.2





#39

Methylcyclohexane

Concen: 56.091 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078633.D

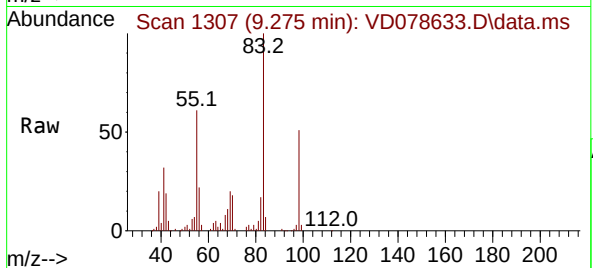
Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

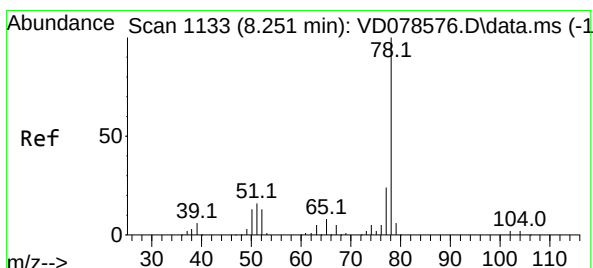
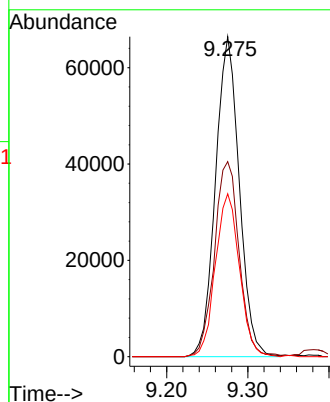
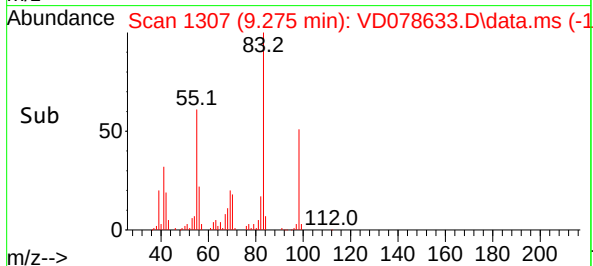


Tgt Ion:	83	Resp:	135330
Ion	Ratio	Lower	Upper
83	100		
55	61.0	49.4	74.0
98	50.9	38.4	57.6

Manual Integrations

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



#40

Benzene

Concen: 54.491 ug/l

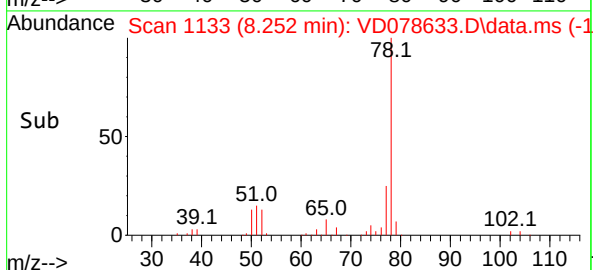
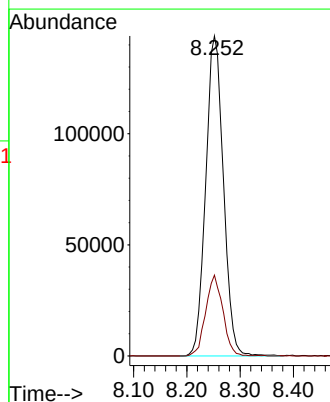
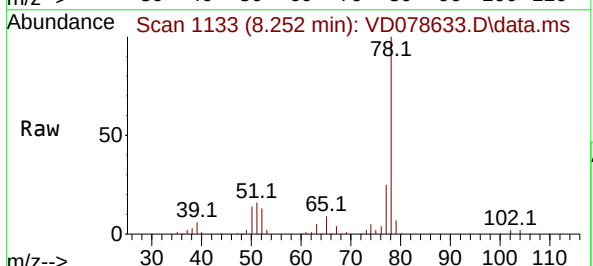
RT: 8.252 min Scan# 1133

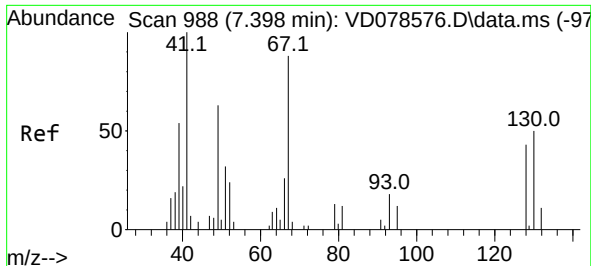
Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

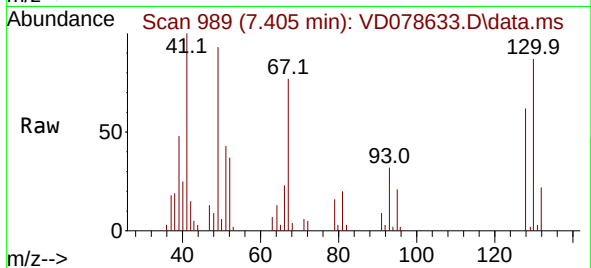
Tgt Ion:	78	Resp:	332027
Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.4	29.0





#41
Methacrylonitrile
Concen: 58.677 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

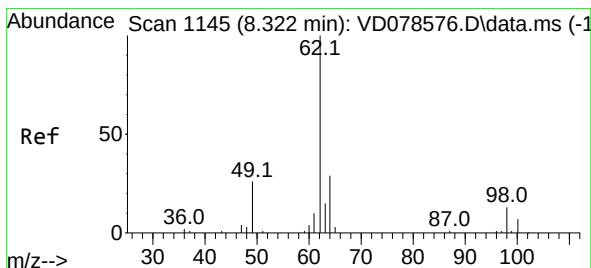
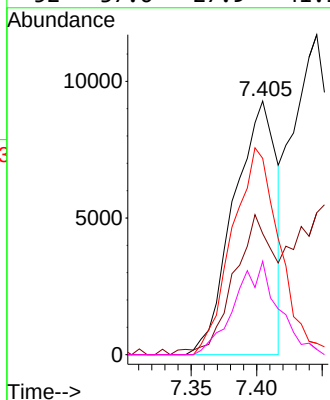
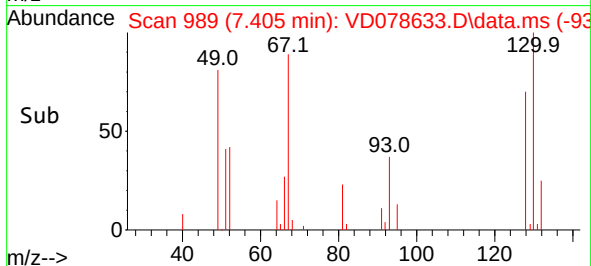
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



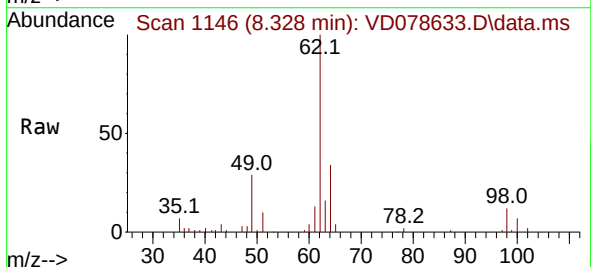
Tgt Ion: 41 Resp: 20948
Ion Ratio Lower Upper
41 100
39 51.8 34.0 51.0
67 91.2 77.0 115.4
52 37.6 27.9 41.9

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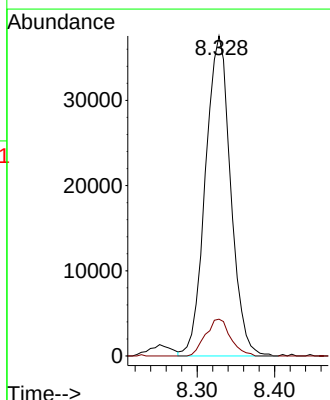
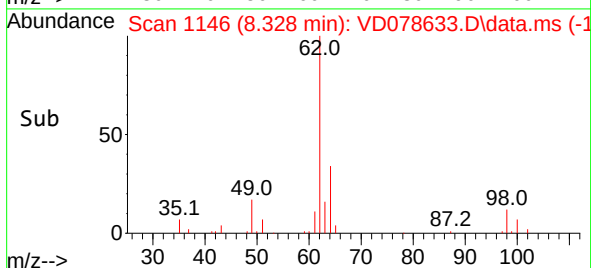
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

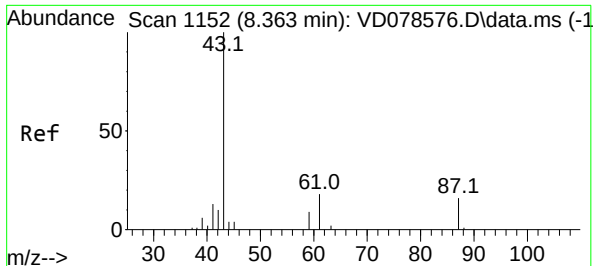


#42
1,2-Dichloroethane
Concen: 54.891 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



Tgt Ion: 62 Resp: 84851
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4





#43

Isopropyl Acetate

Concen: 55.107 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

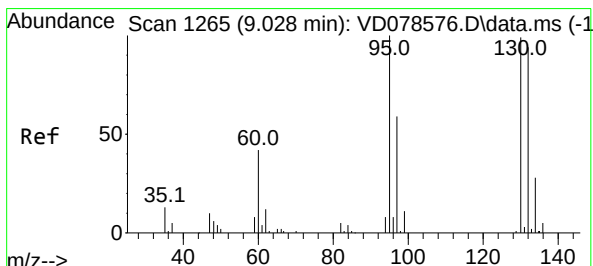
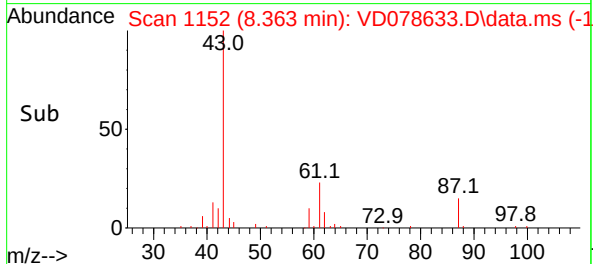
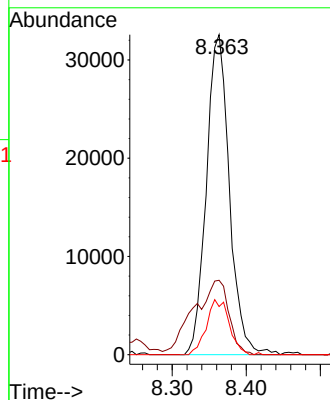
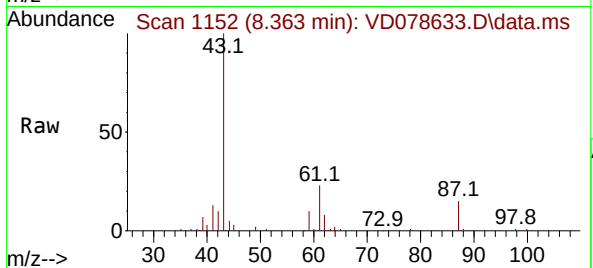
Tgt Ion: 43 Resp: 70372

Ion	Ratio	Lower	Upper
43	100		
61	35.6	31.4	47.0
87	17.0	14.9	22.3

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 53.331 ug/l

RT: 9.028 min Scan# 1265

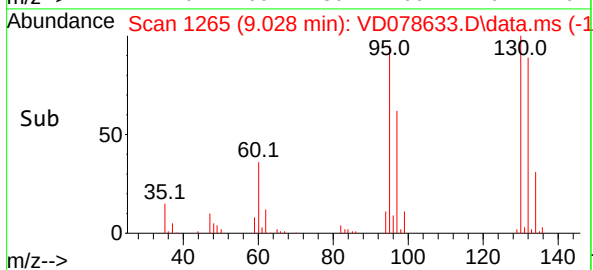
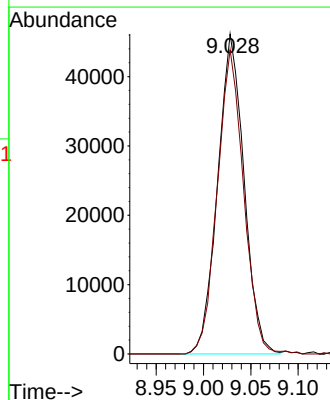
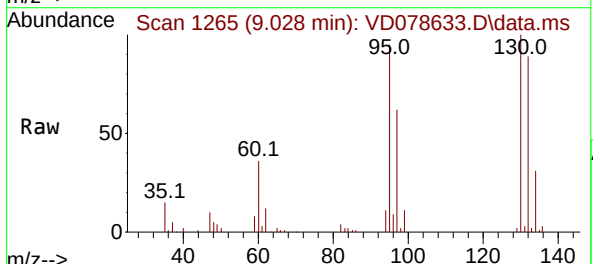
Delta R.T. 0.000 min

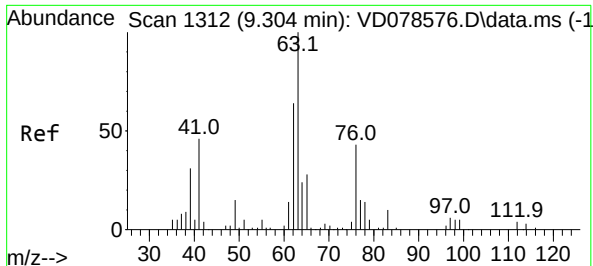
Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Tgt Ion:130 Resp: 89174

Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	179.2





#45

1,2-Dichloropropane

Concen: 54.840 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 80270

Ion Ratio Lower Upper

63 100

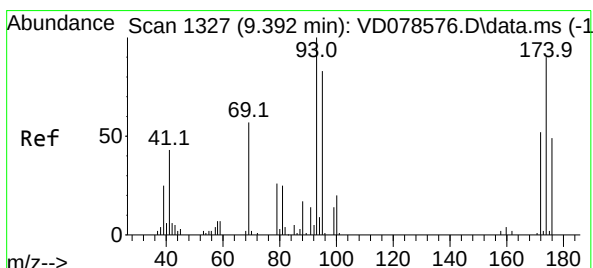
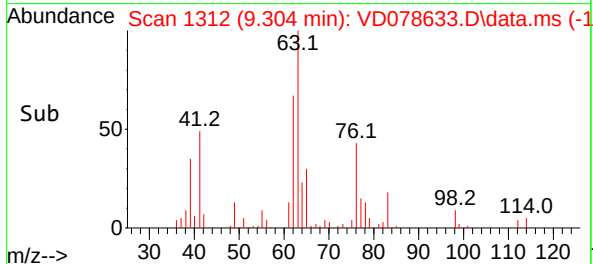
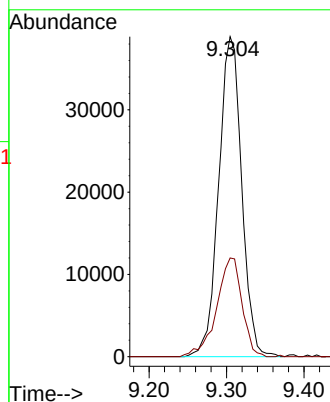
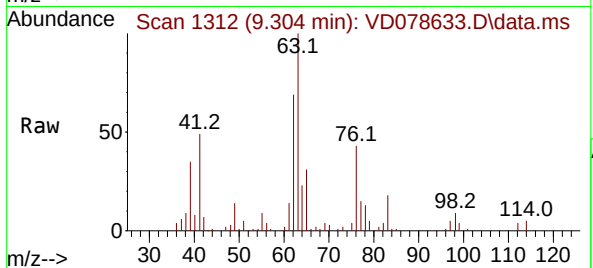
65 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#46

Dibromomethane

Concen: 58.810 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

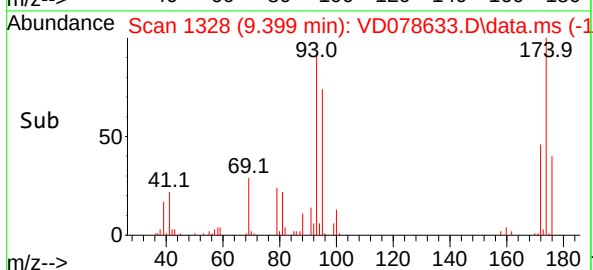
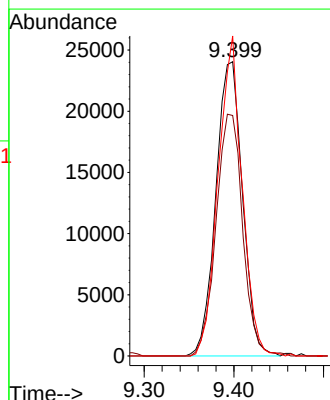
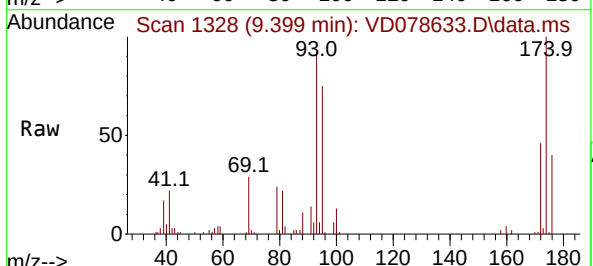
Tgt Ion: 93 Resp: 49625

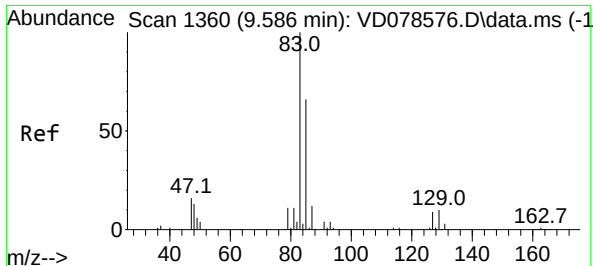
Ion Ratio Lower Upper

93 100

95 82.1 67.7 101.5

174 97.7 85.4 128.2





#47

Bromodichloromethane

Concen: 55.743 ug/l

RT: 9.581 min Scan# 115980

Delta R.T. -0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

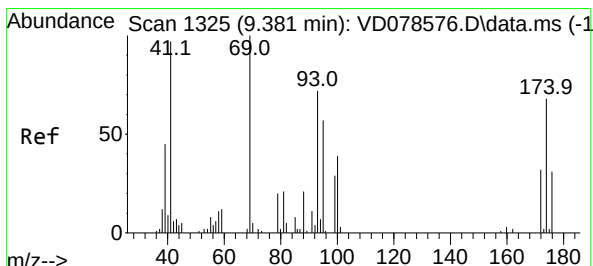
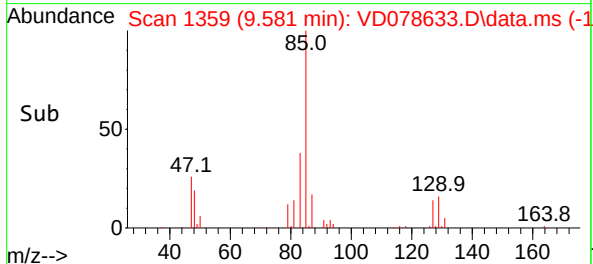
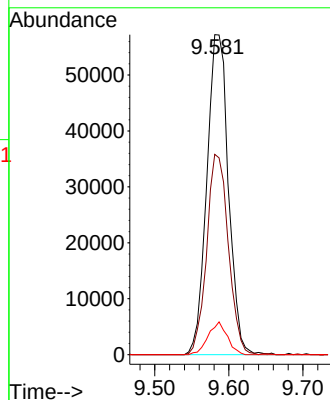
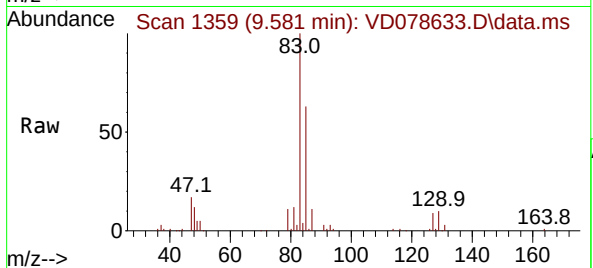
Tgt Ion: 83 Resp: 115980

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.2	75.4
127	8.5	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: 57.868 ug/l

RT: 9.381 min Scan# 1325

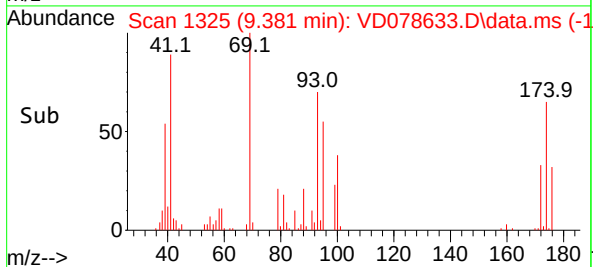
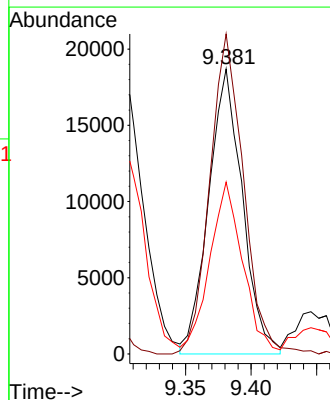
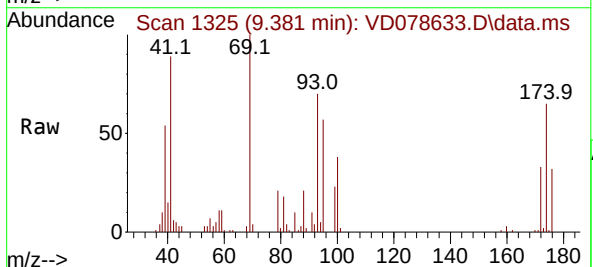
Delta R.T. 0.000 min

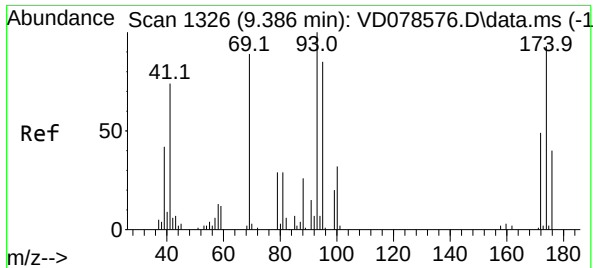
Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Tgt Ion: 41 Resp: 33475

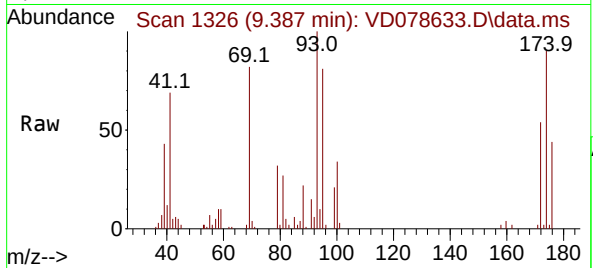
Ion	Ratio	Lower	Upper
41	100		
69	112.2	102.2	153.2
39	56.1	41.4	62.2





#49
1,4-Dioxane
Concen: 1045.380 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

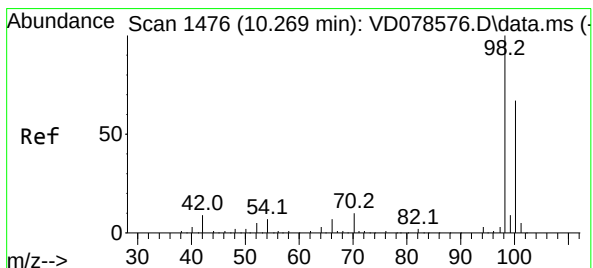
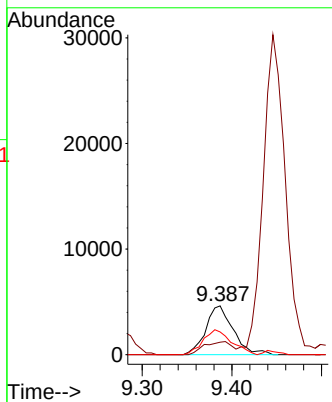
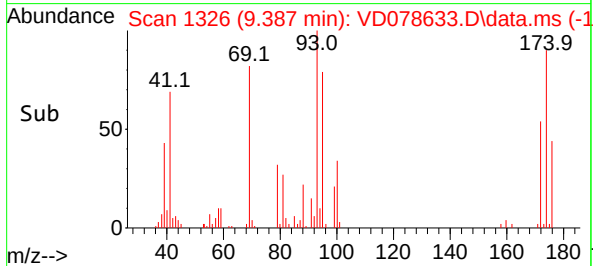
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 9760
Ion Ratio Lower Upper
88 100
43 27.4 19.0 28.6
58 53.1 43.5 65.3

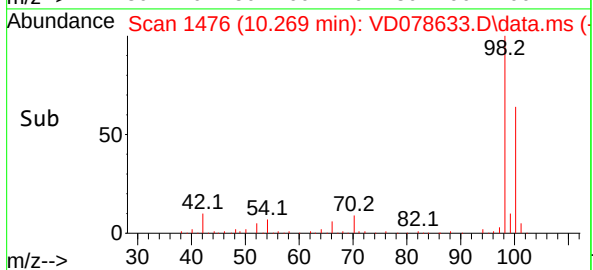
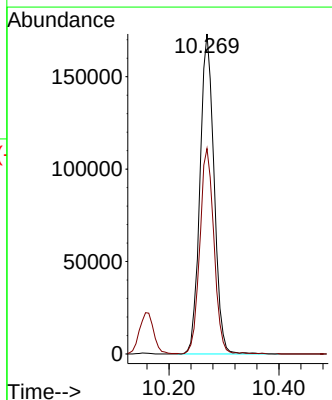
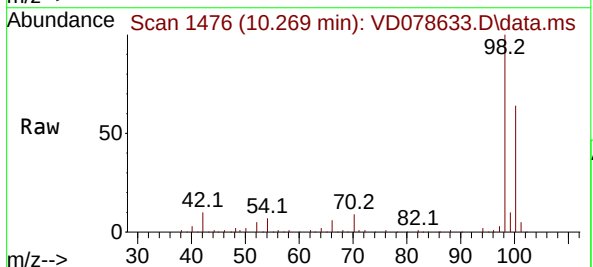
Manual Integrations
APPROVED

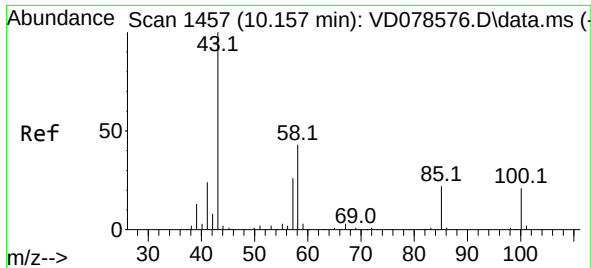
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#50
Toluene-d8
Concen: 53.398 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 98 Resp: 308248
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5





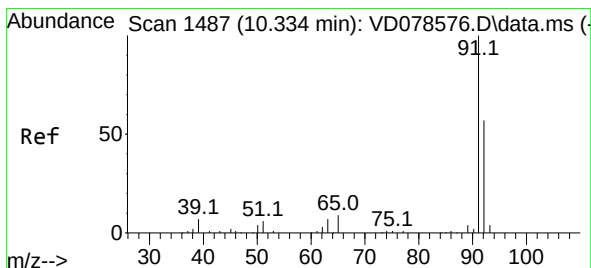
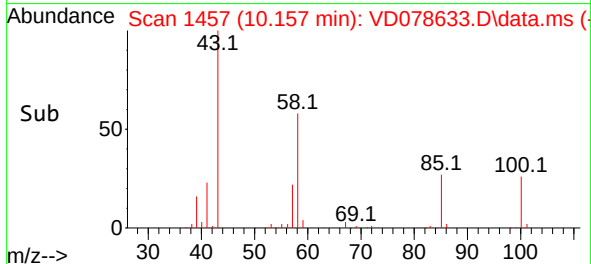
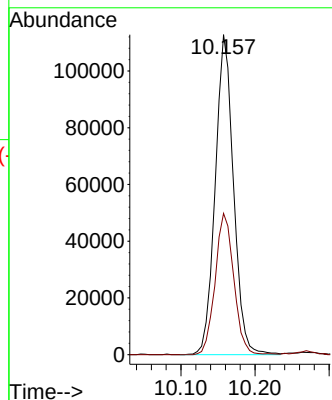
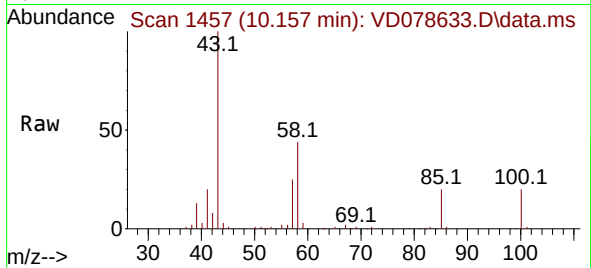
#51
4-Methyl-2-Pentanone
Concen: 293.395 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 193384
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3

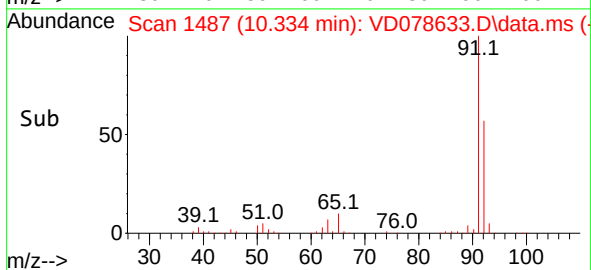
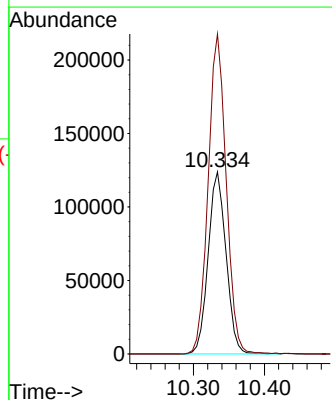
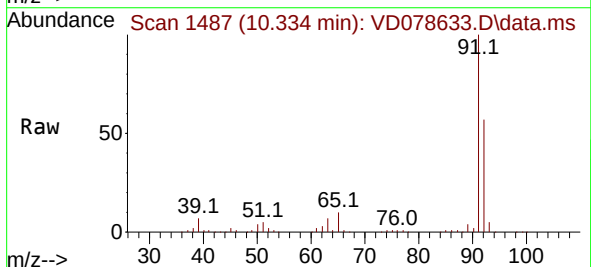
Manual Integrations
APPROVED

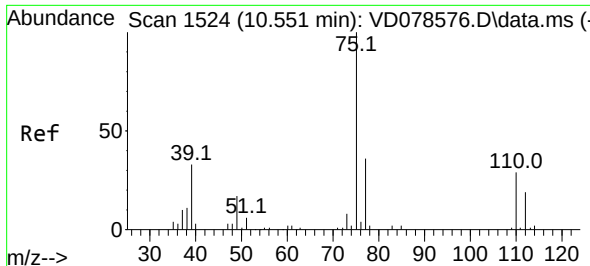
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#52
Toluene
Concen: 55.401 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

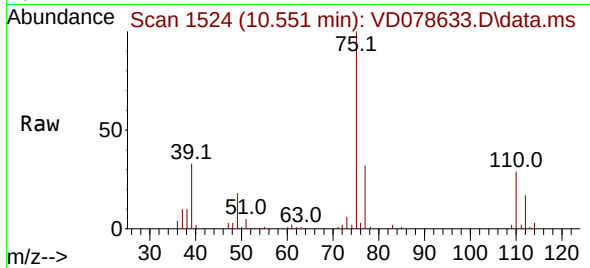
Tgt Ion: 92 Resp: 216604
Ion Ratio Lower Upper
92 100
91 177.5 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 56.122 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

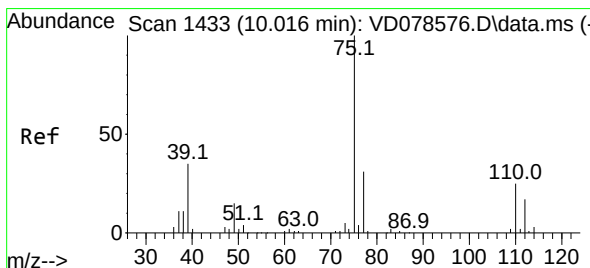
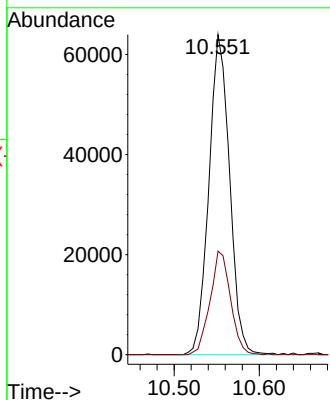
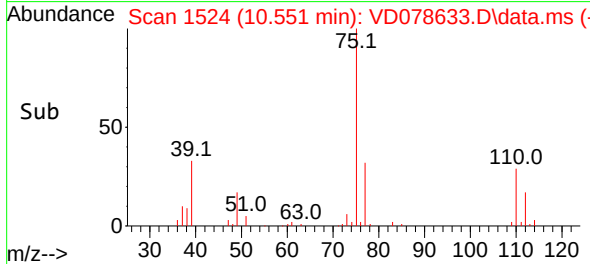
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 10802
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9

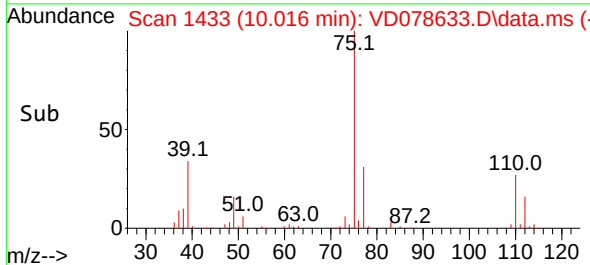
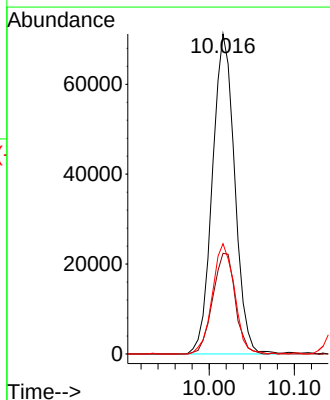
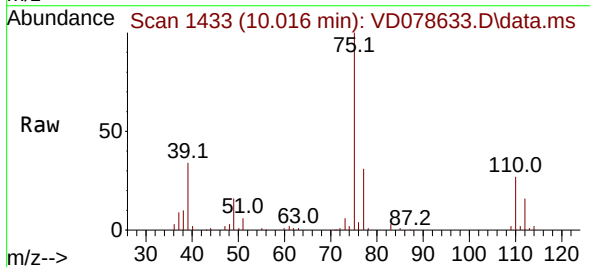
Manual Integrations
APPROVED

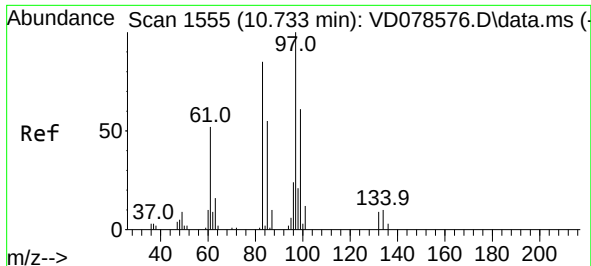
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#54
cis-1,3-Dichloropropene
Concen: 56.024 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

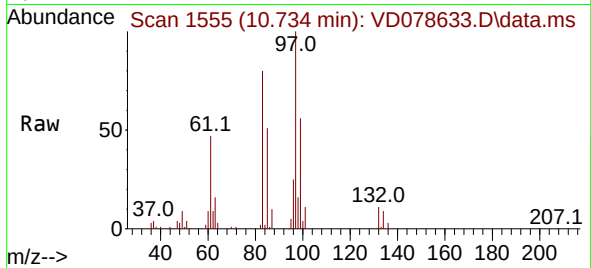
Tgt Ion: 75 Resp: 129113
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 34.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 56.426 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

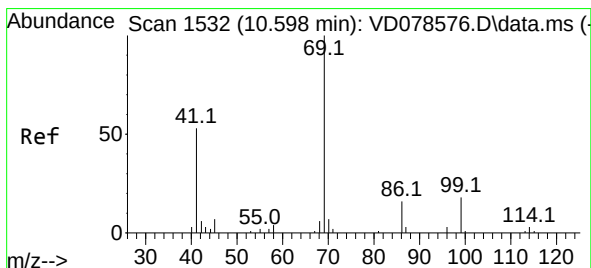
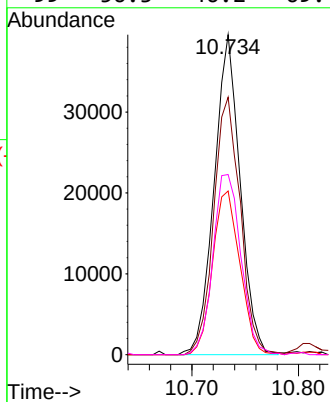
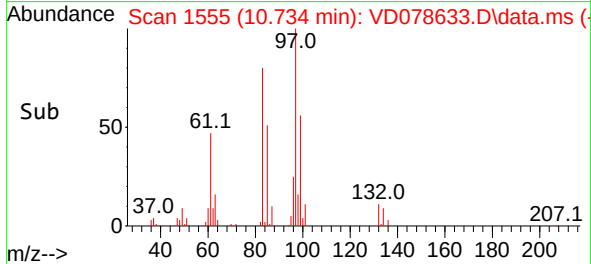
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	6704
Ion	Ratio	Lower	Upper
97	100		
83	80.4	65.8	98.6
85	51.2	45.7	68.5
99	56.3	46.2	69.4

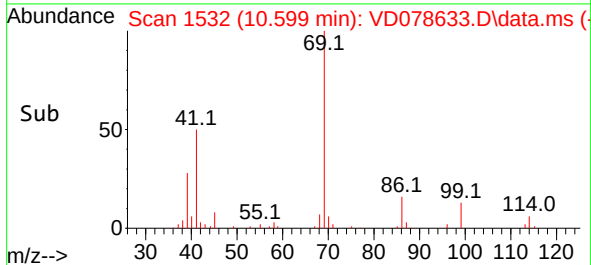
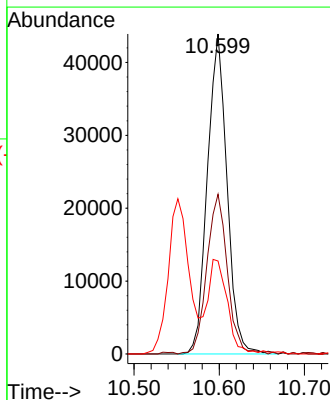
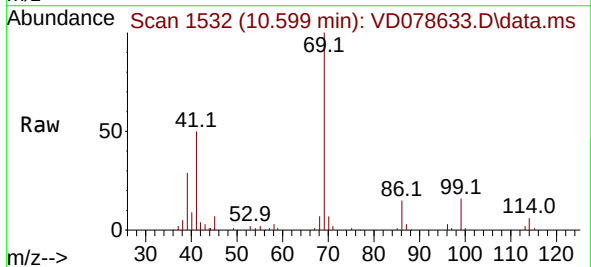
Manual Integrations
APPROVED

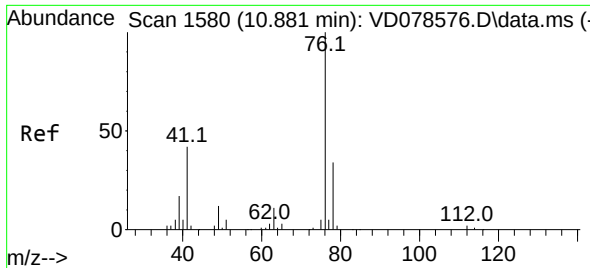
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#56
Ethyl methacrylate
Concen: 59.008 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion:	69	Resp:	70271
Ion	Ratio	Lower	Upper
69	100		
41	52.1	39.1	58.7
39	29.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 54.399 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10474

Ion Ratio Lower Upper

76 100

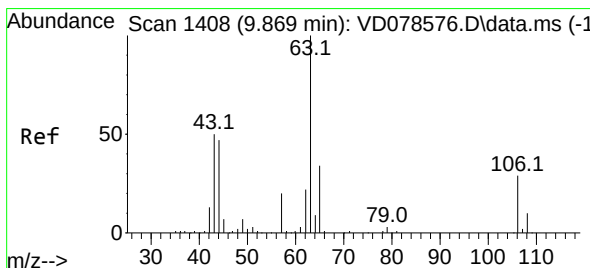
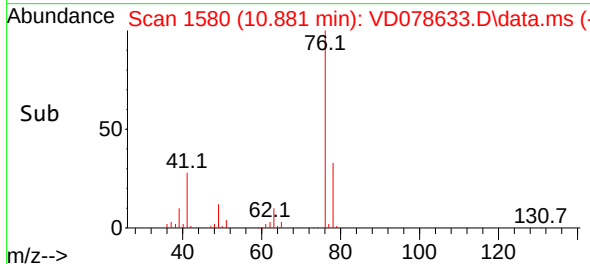
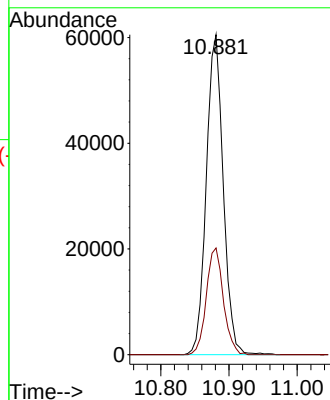
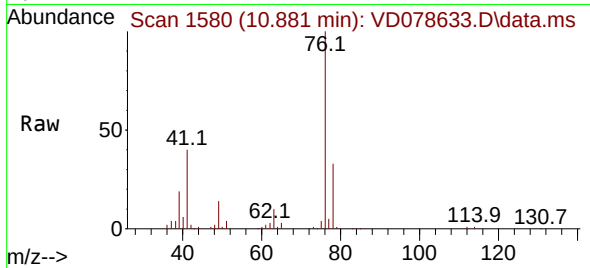
78 33.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 317.418 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078633.D

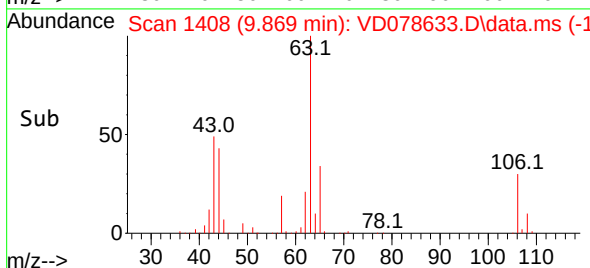
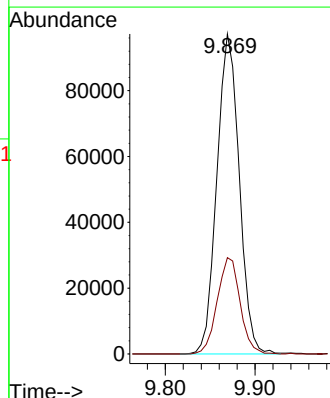
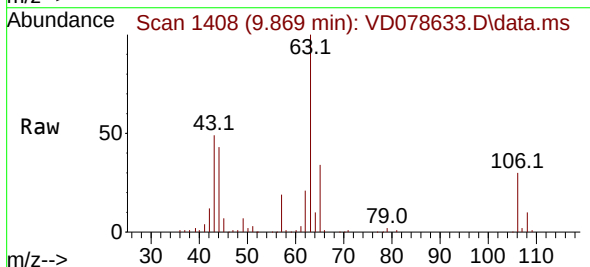
Acq: 12 Mar 2024 09:58

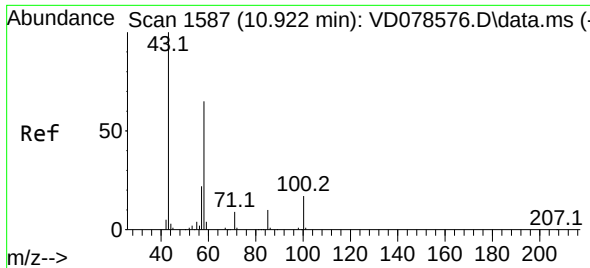
Tgt Ion: 63 Resp: 168185

Ion Ratio Lower Upper

63 100

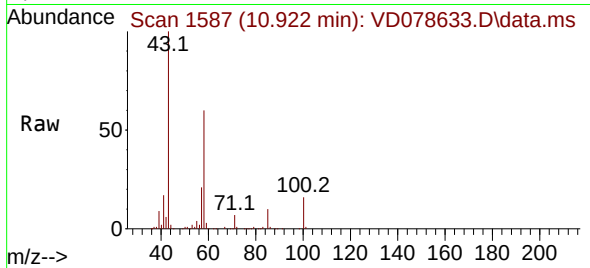
106 30.7 25.3 37.9





#59
2-Hexanone
Concen: 301.944 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

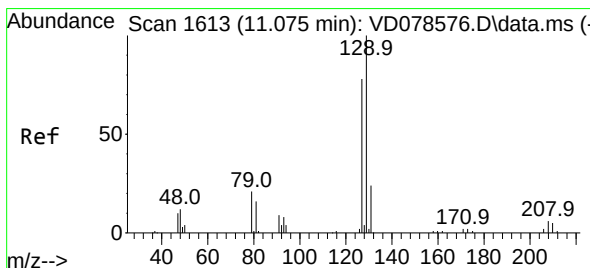
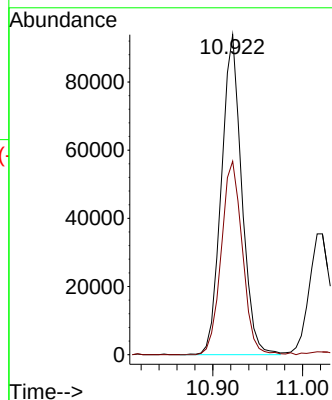
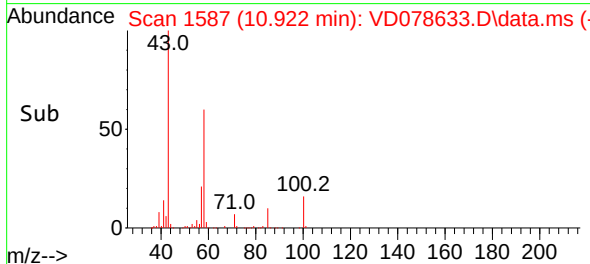
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 147610
Ion Ratio Lower Upper
43 100
58 62.7 34.1 102.2

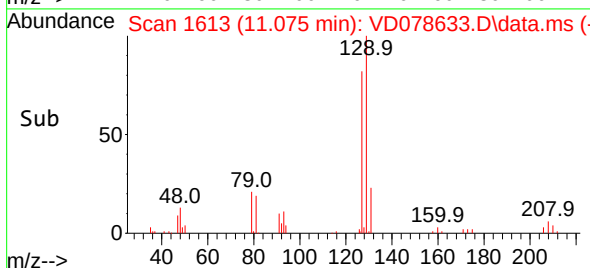
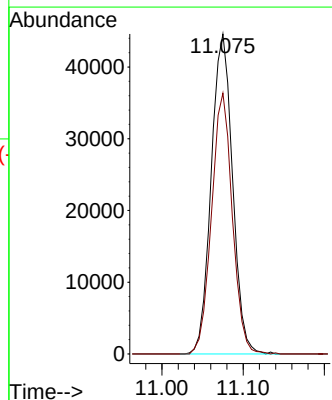
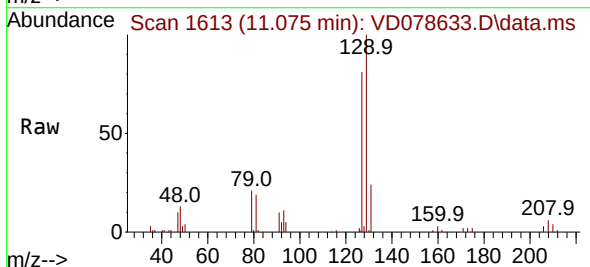
Manual Integrations
APPROVED

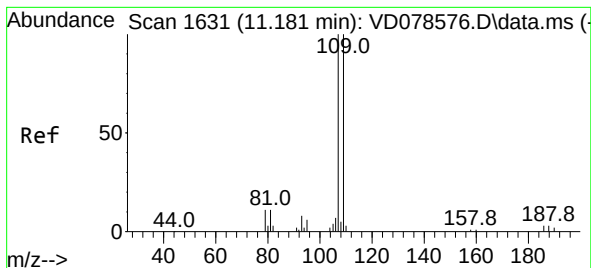
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#60
Dibromochloromethane
Concen: 56.671 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

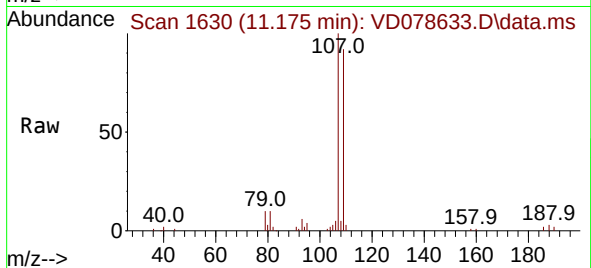
Tgt Ion:129 Resp: 81304
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5





#61
1,2-Dibromoethane
Concen: 58.541 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

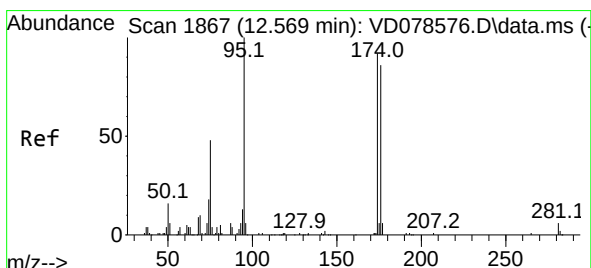
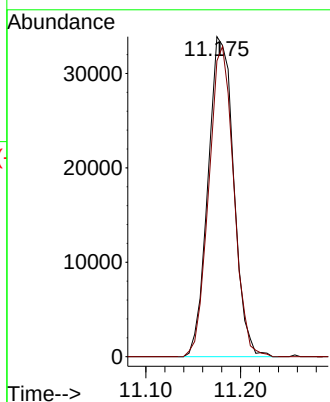
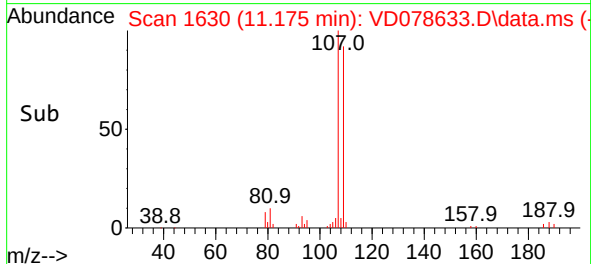
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 63830
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

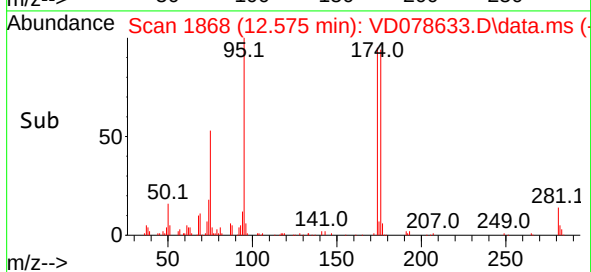
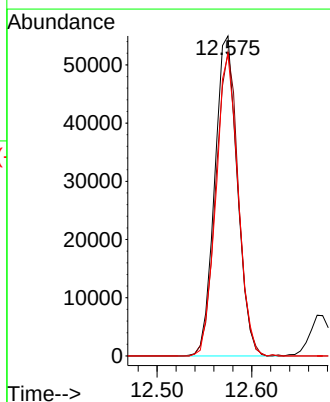
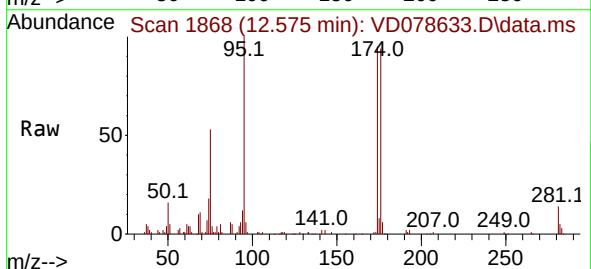
Manual Integrations
APPROVED

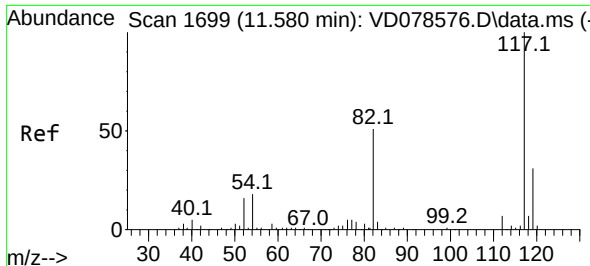
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#62
4-Bromofluorobenzene
Concen: 55.314 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

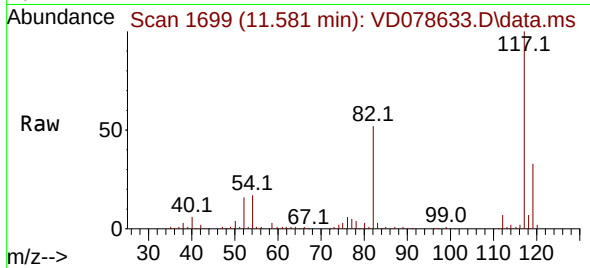
Tgt Ion: 95 Resp: 91200
Ion Ratio Lower Upper
95 100
174 94.8 0.0 201.8
176 92.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

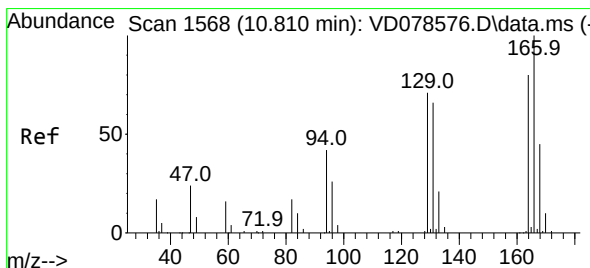
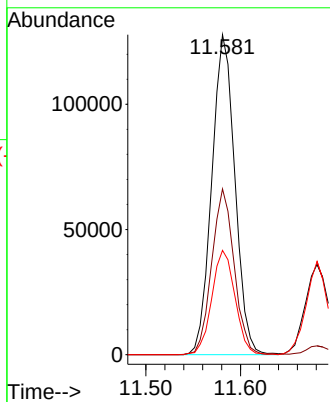
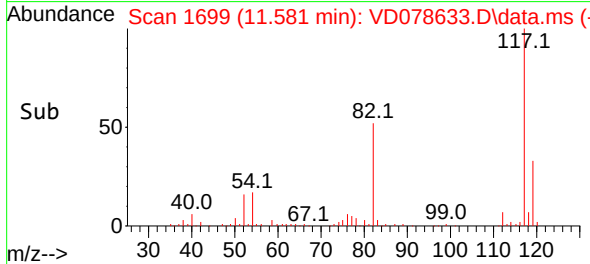
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



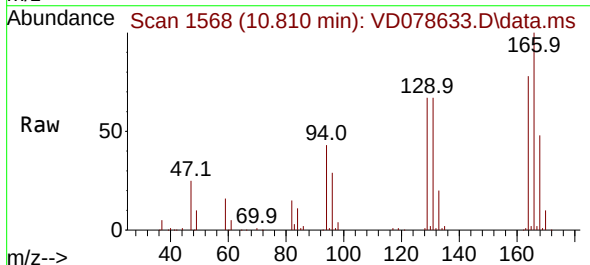
Tgt Ion:117 Resp: 21698
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 32.6 25.0 37.4

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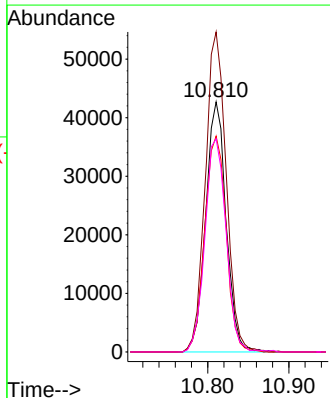
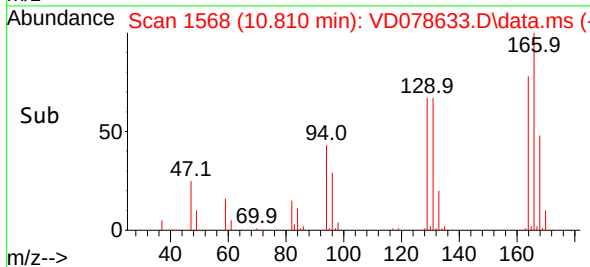
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

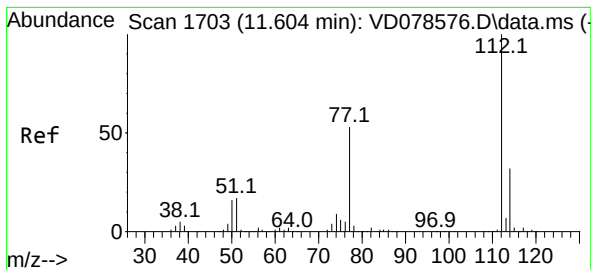


#64
Tetrachloroethene
Concen: 54.746 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



Tgt Ion:164 Resp: 74742
Ion Ratio Lower Upper
164 100
166 128.0 99.2 148.8
129 86.3 68.4 102.6
131 85.2 63.8 95.8





#65

Chlorobenzene

Concen: 55.158 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 23568

Ion Ratio Lower Upper

112 100

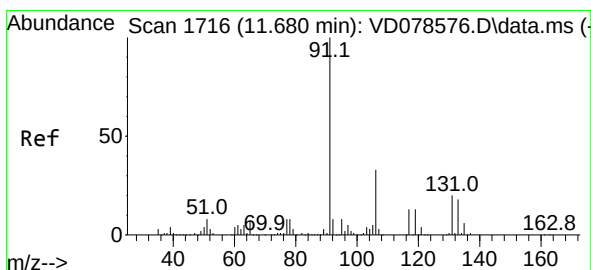
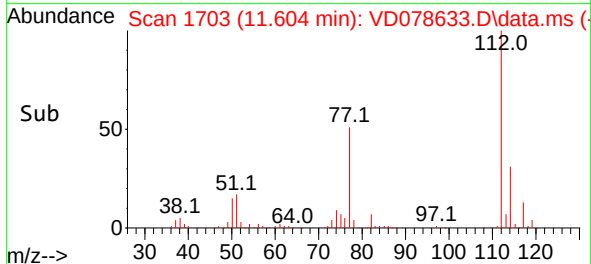
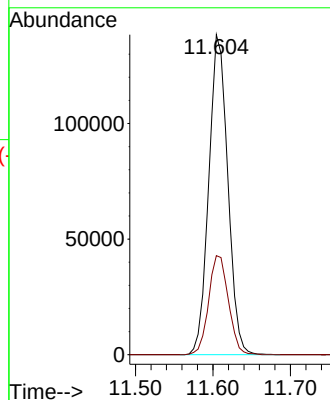
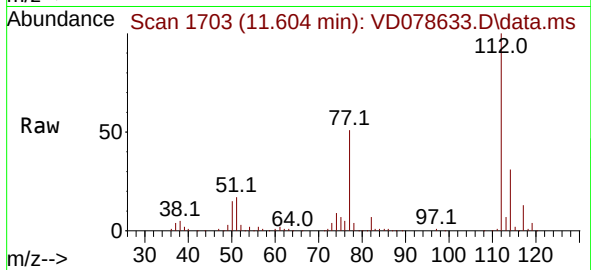
114 31.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024

Supervised By :Semsettin Yesilyurt 03/13/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 54.951 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

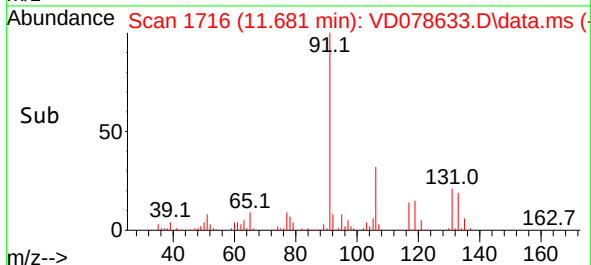
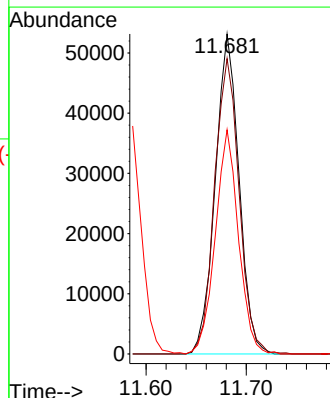
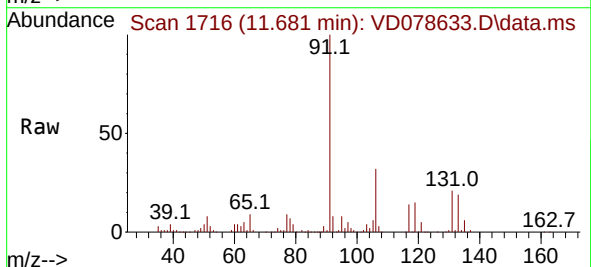
Tgt Ion:131 Resp: 87412

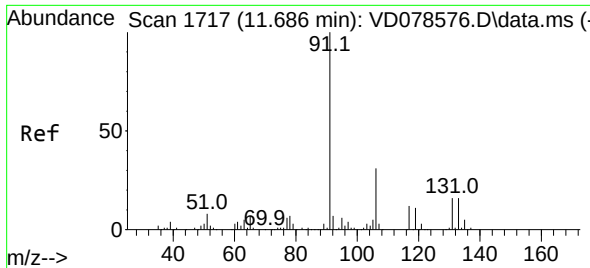
Ion Ratio Lower Upper

131 100

133 95.4 48.5 145.5

119 68.4 35.6 106.9





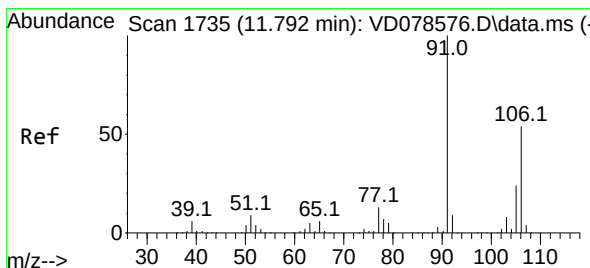
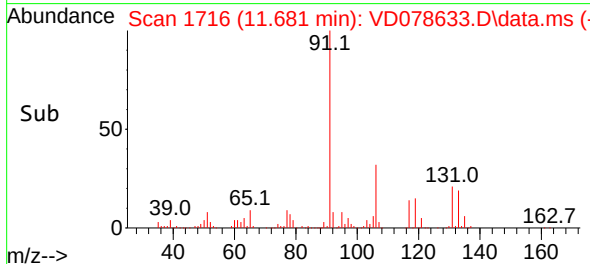
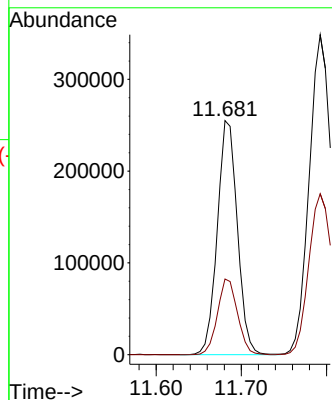
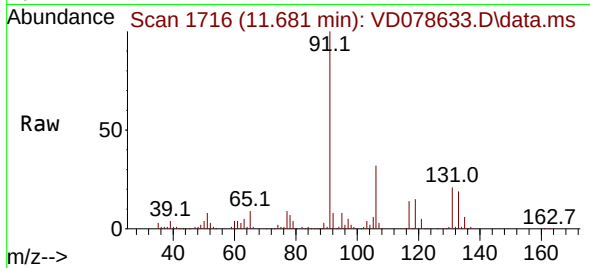
#67
Ethyl Benzene
Concen: 56.331 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 417050
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7

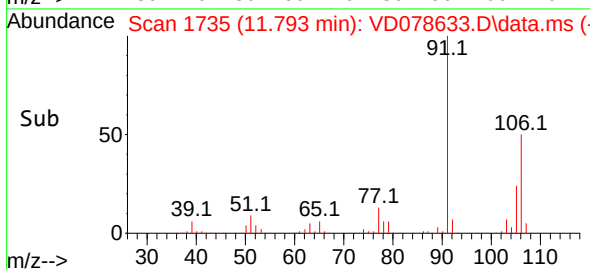
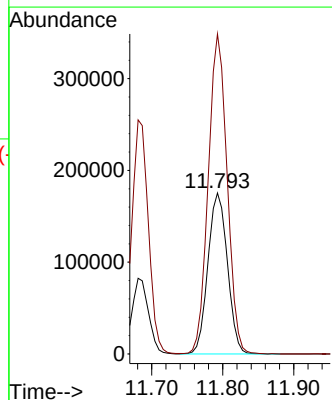
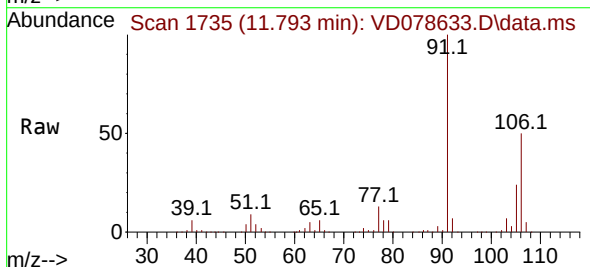
Manual Integrations
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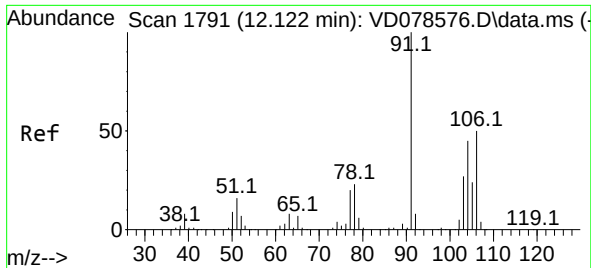
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#68
m/p-Xylenes
Concen: 111.486 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

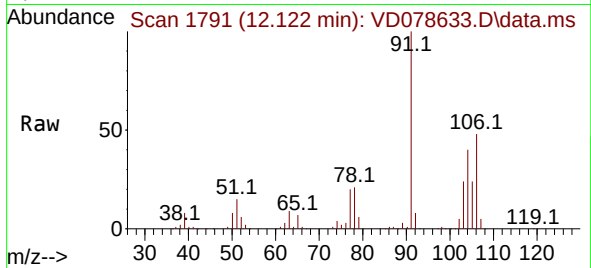
Tgt Ion:106 Resp: 333928
Ion Ratio Lower Upper
106 100
91 192.7 147.0 220.6





#69
o-Xylene
Concen: 56.857 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

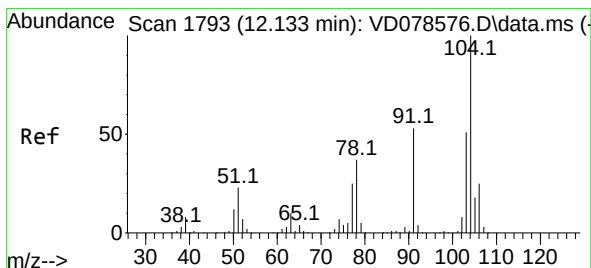
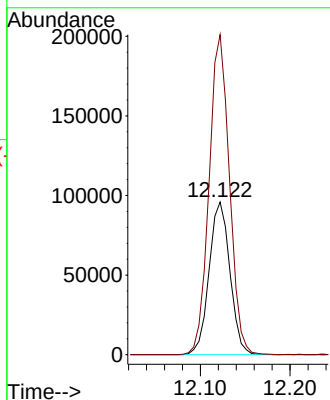
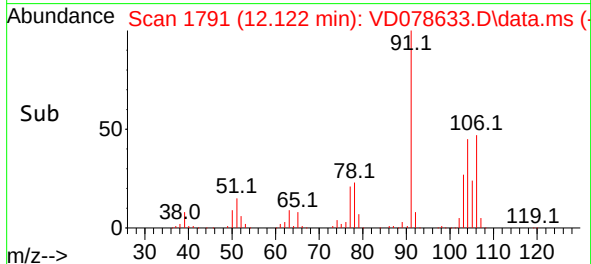
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



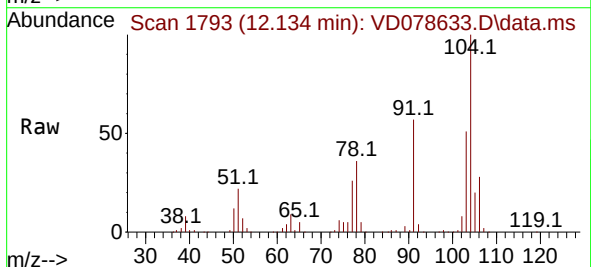
Tgt Ion:106 Resp: 154494
Ion Ratio Lower Upper
106 100
91 205.2 97.9 293.6

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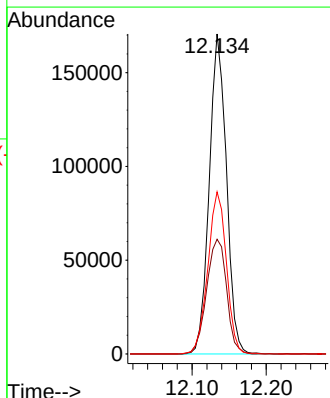
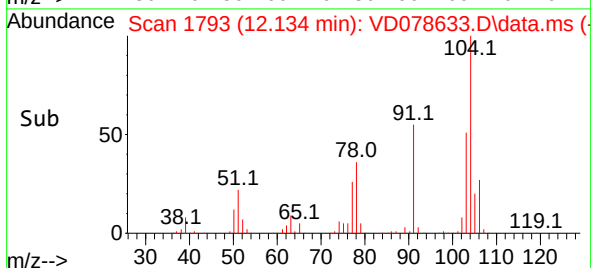
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

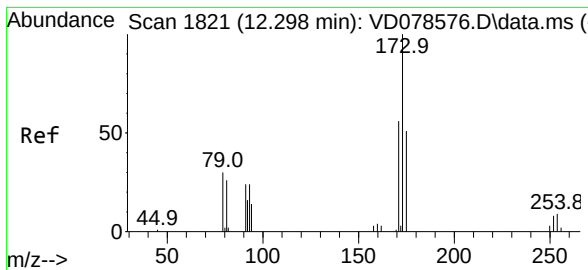


#70
Styrene
Concen: 58.247 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



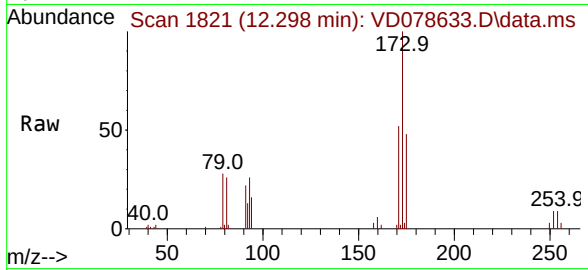
Tgt Ion:104 Resp: 274338
Ion Ratio Lower Upper
104 100
78 41.8 33.2 49.8
103 54.9 43.6 65.4





#71
Bromoform
Concen: 59.226 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

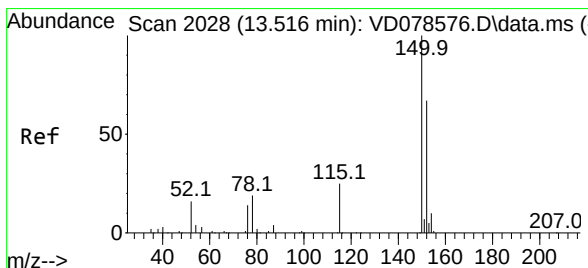
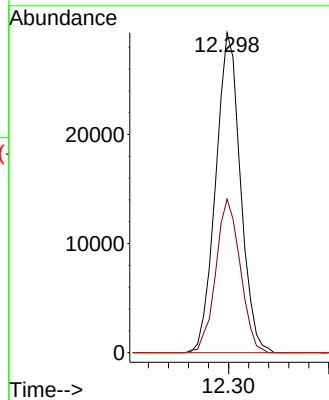
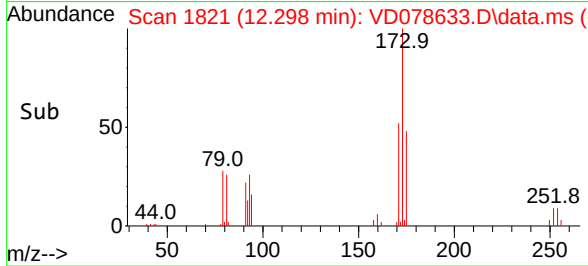
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



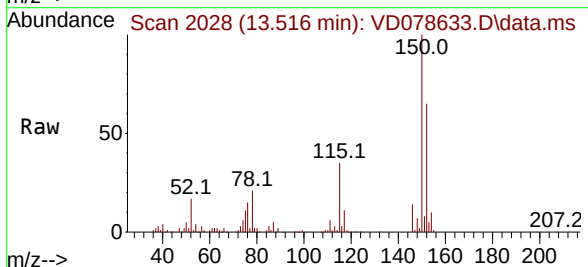
Tgt Ion:173 Resp: 50120
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.0 0.0

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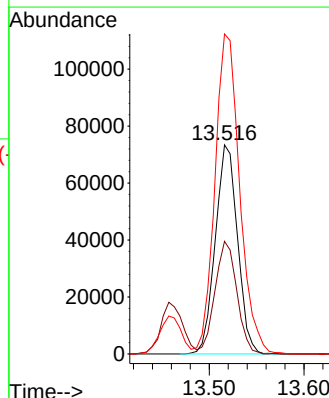
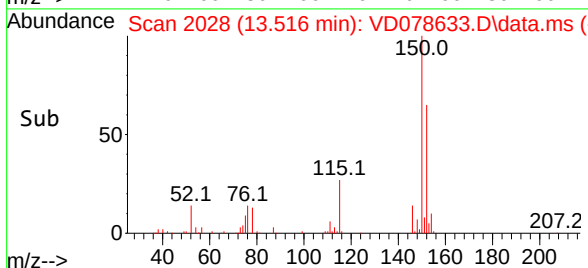
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

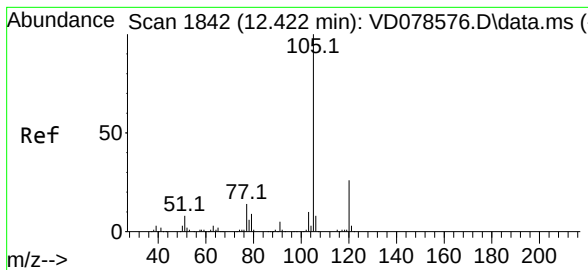


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



Tgt Ion:152 Resp: 119544
Ion Ratio Lower Upper
152 100
115 53.1 27.1 81.3
150 170.9 0.0 353.6





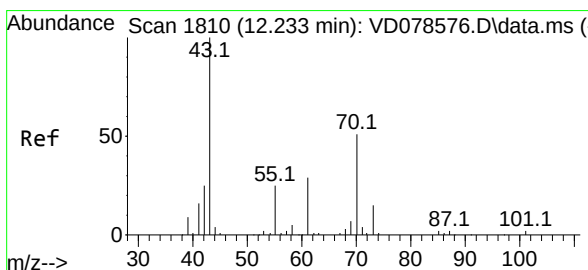
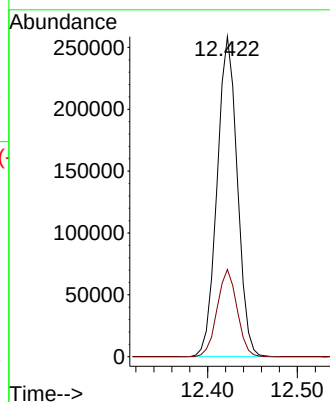
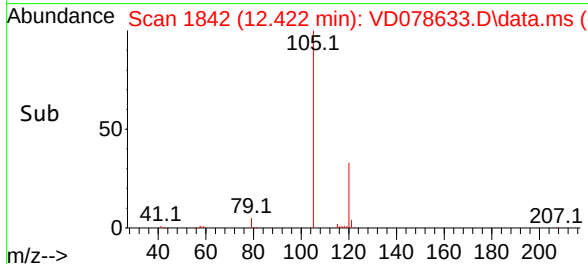
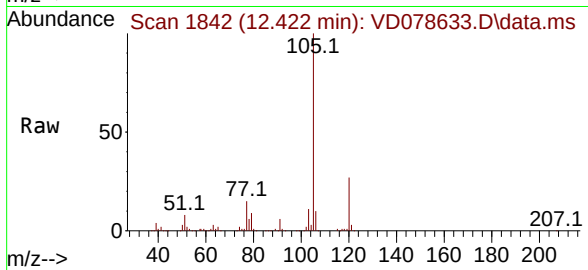
#73
Isopropylbenzene
Concen: 53.491 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 405349
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9

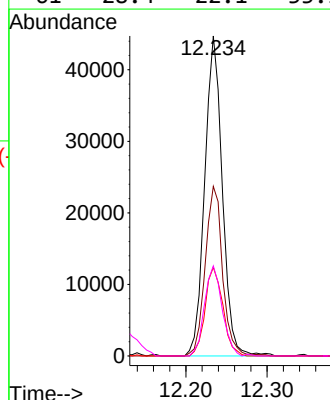
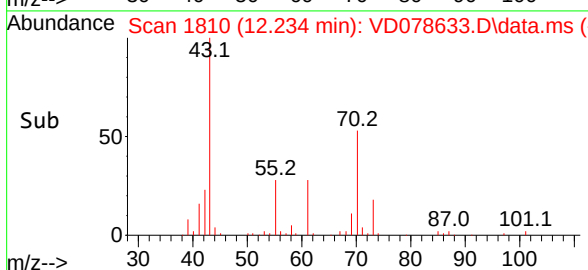
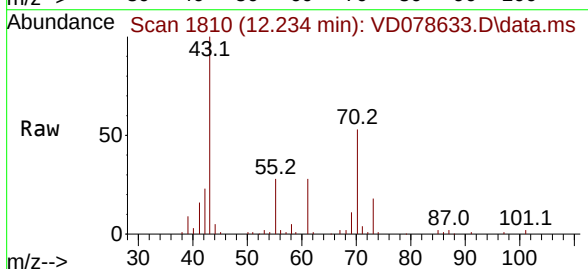
Manual Integrations
APPROVED

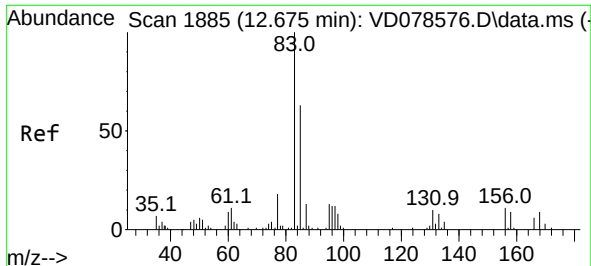
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#74
N-ethyl acetate
Concen: 52.819 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

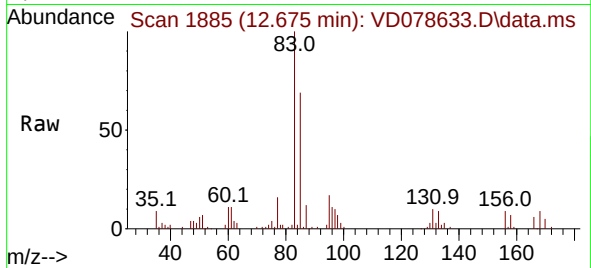
Tgt Ion: 43 Resp: 67369
Ion Ratio Lower Upper
43 100
70 52.5 45.0 67.4
55 27.9 23.8 35.6
61 28.4 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.947 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

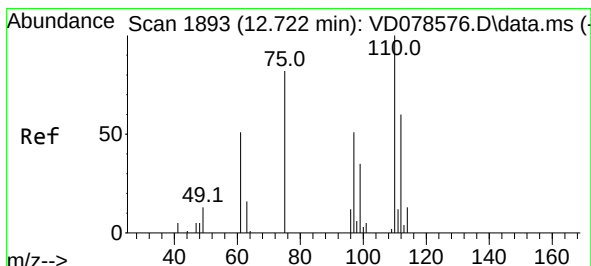
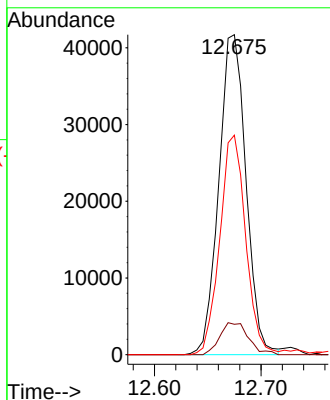
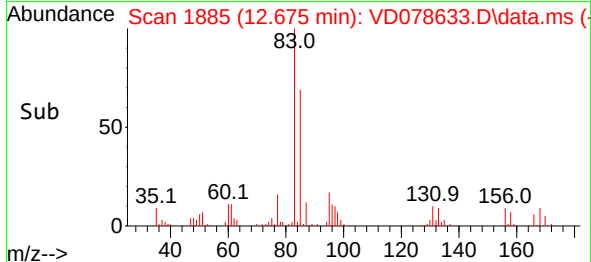
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



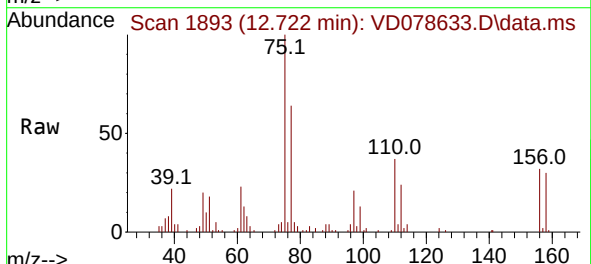
Tgt Ion: 83 Resp: 73958
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.3 32.6 97.8

Manual Integrations
APPROVED

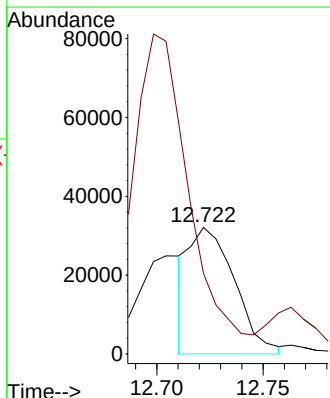
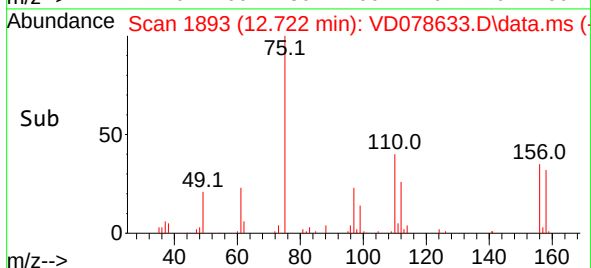
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

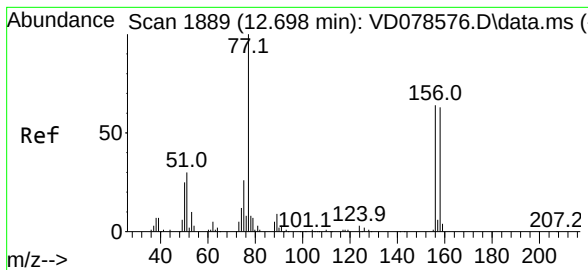


#76
1,2,3-Trichloropropane
Concen: 52.558 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



Tgt Ion: 75 Resp: 47986
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





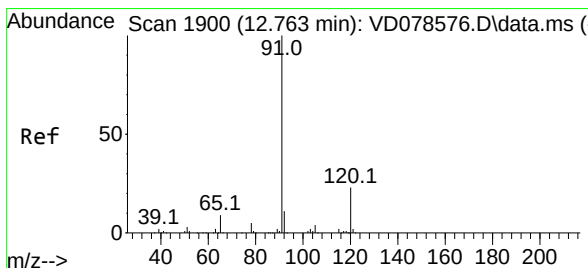
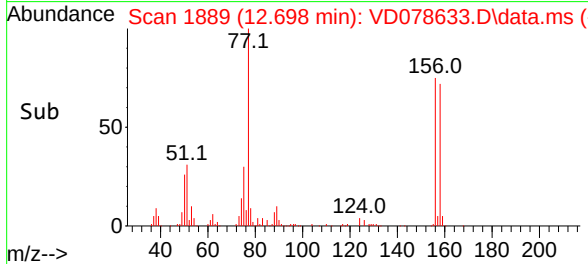
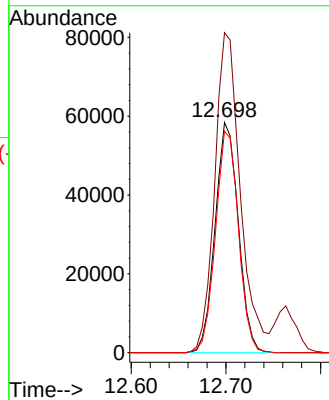
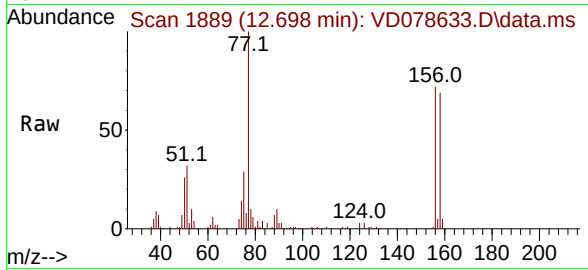
#77
Bromobenzene
Concen: 54.361 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 99620
Ion Ratio Lower Upper
156 100
77 153.8 76.8 230.4
158 95.0 48.6 145.9

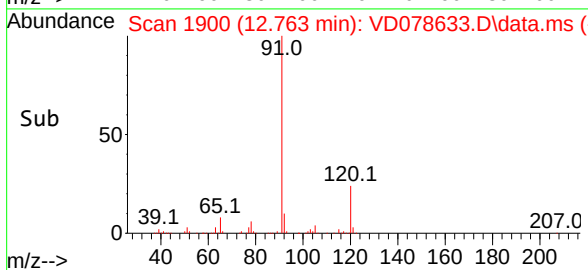
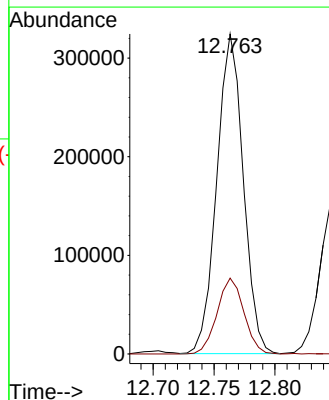
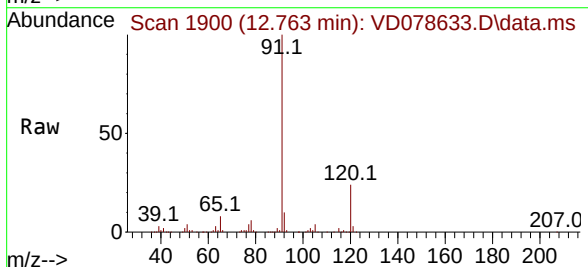
Manual Integrations
APPROVED

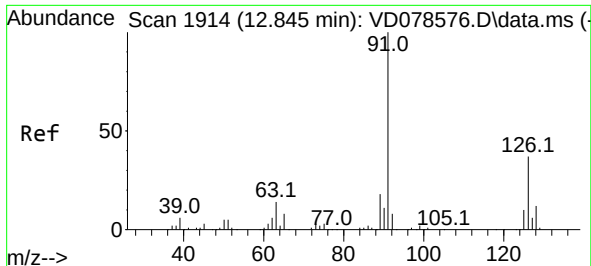
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#78
n-propylbenzene
Concen: 52.939 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Tgt Ion: 91 Resp: 490699
Ion Ratio Lower Upper
91 100
120 23.9 12.4 37.2





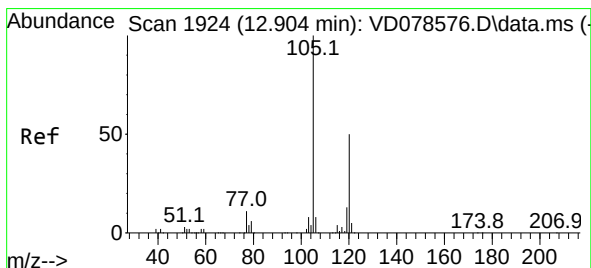
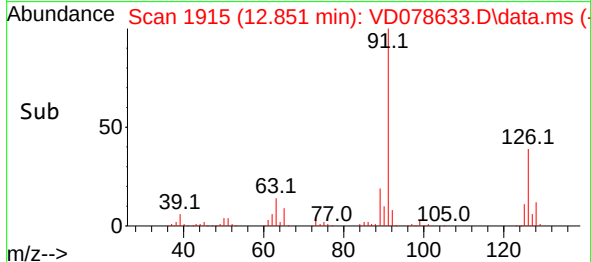
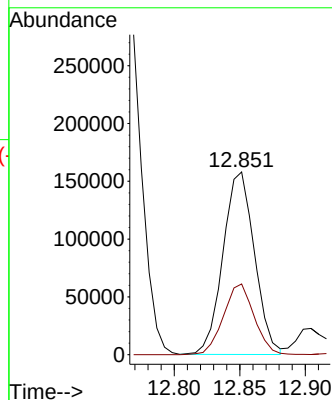
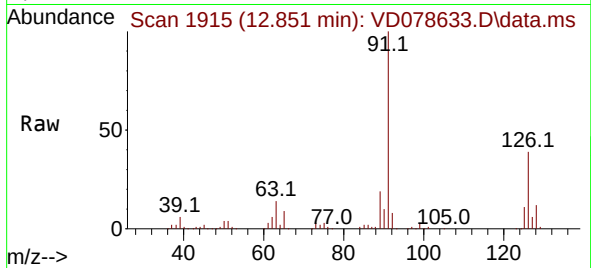
#79
2-Chlorotoluene
Concen: 53.053 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 263880
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.1

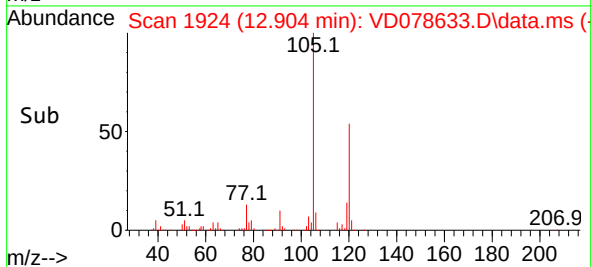
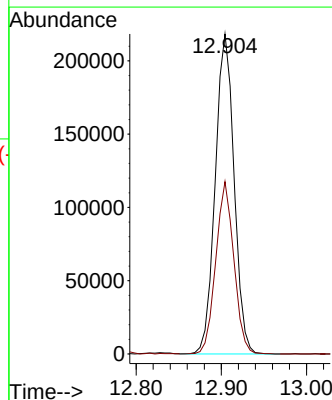
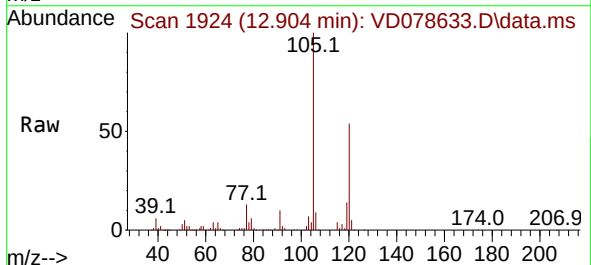
Manual Integrations
APPROVED

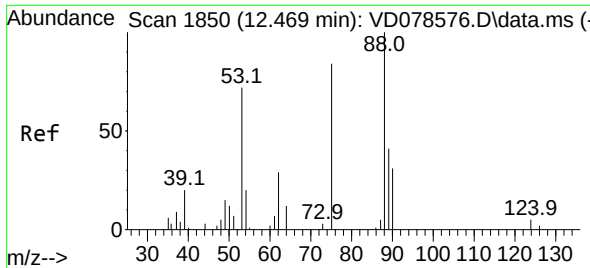
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.395 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

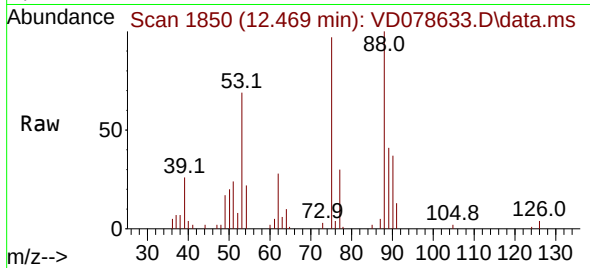
Tgt Ion:105 Resp: 335418
Ion Ratio Lower Upper
105 100
120 51.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.410 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

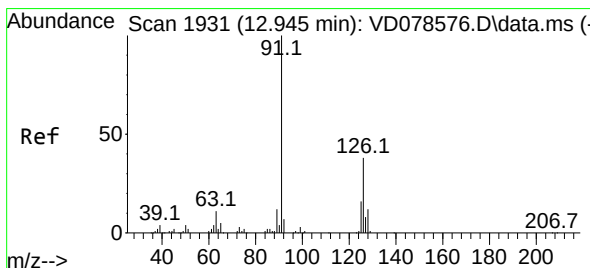
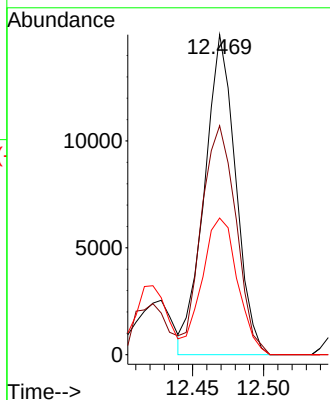
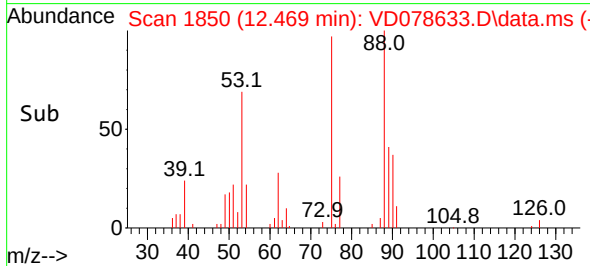
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2278
Ion Ratio Lower Upper
75 100
53 80.0 63.0 94.4
89 49.0 37.9 56.9

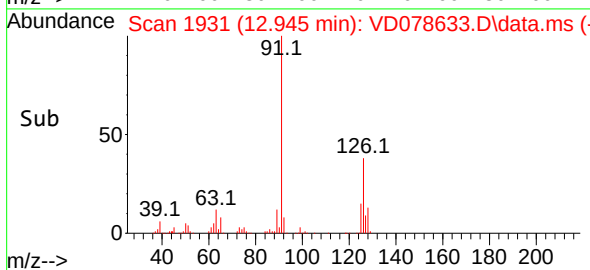
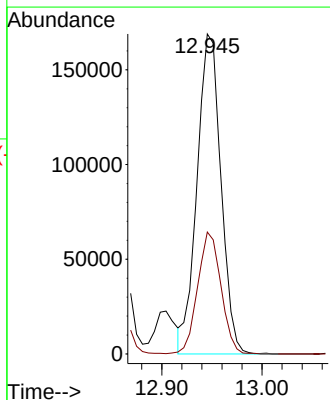
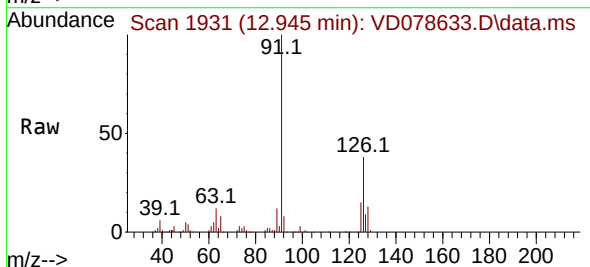
Manual Integrations
APPROVED

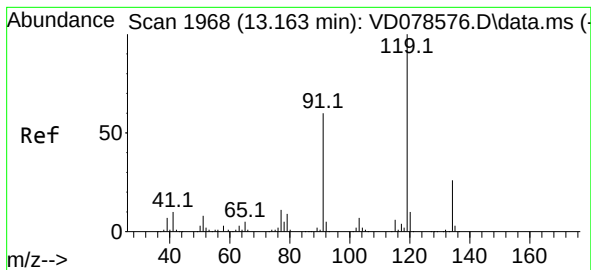
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024



#82
4-Chlorotoluene
Concen: 52.835 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

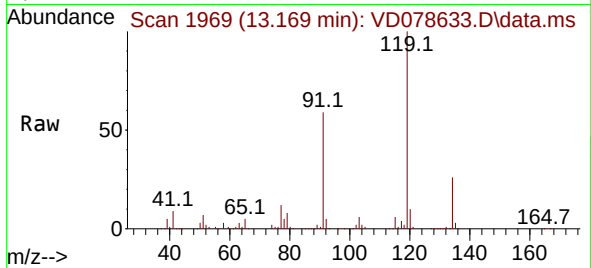
Tgt Ion: 91 Resp: 280074
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 55.023 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

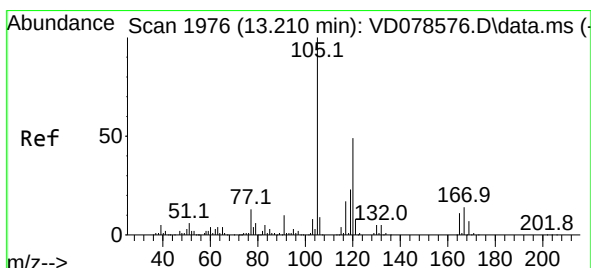
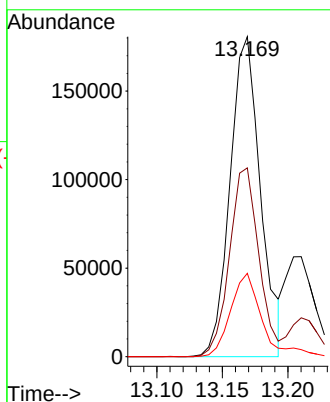
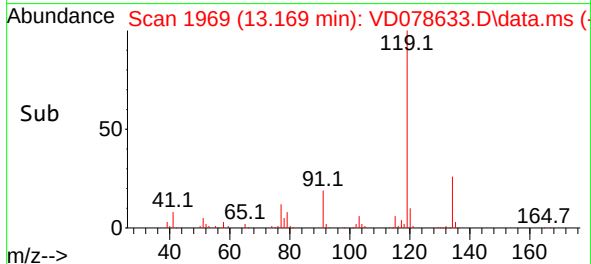
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



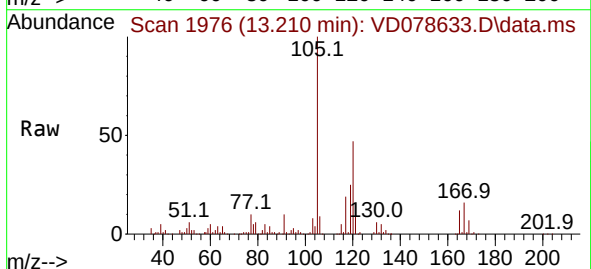
Tgt Ion:119 Resp: 29214
Ion Ratio Lower Upper
119 100
91 57.1 29.3 87.8
134 26.9 14.1 42.3

Manual Integrations
APPROVED

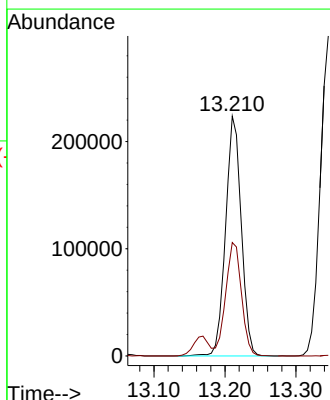
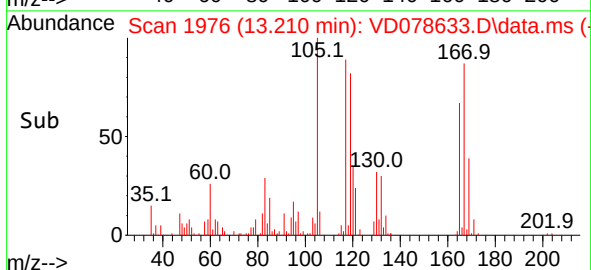
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

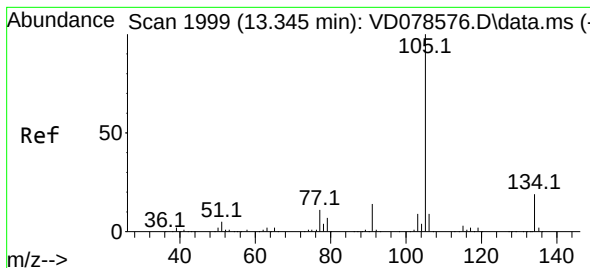


#84
1,2,4-Trimethylbenzene
Concen: 54.328 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



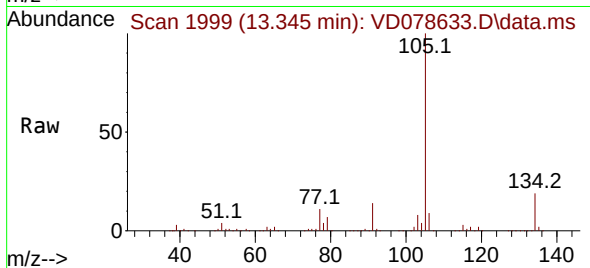
Tgt Ion:105 Resp: 342409
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 54.418 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58

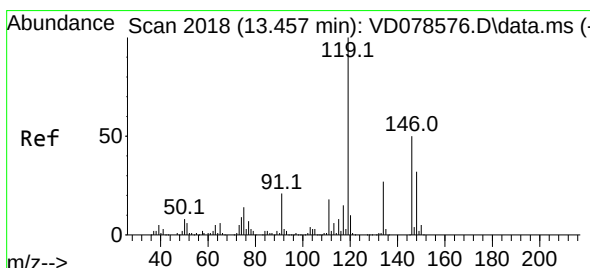
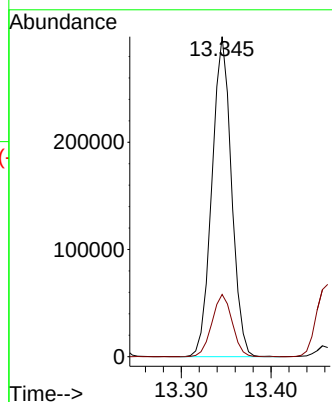
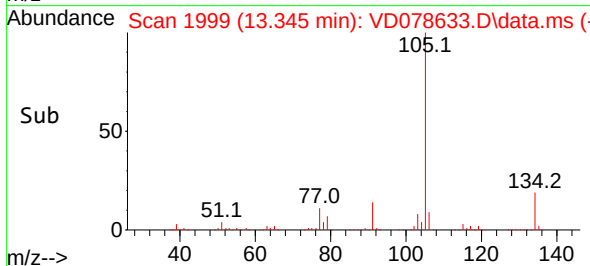
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



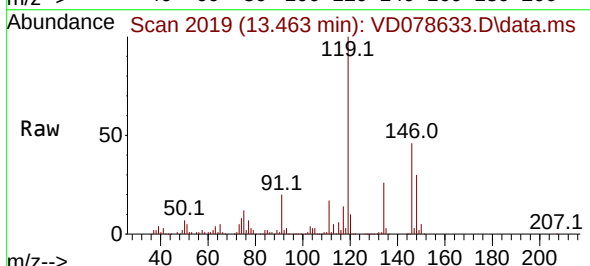
Tgt Ion:105 Resp: 450750
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

Manual Integrations
 APPROVED

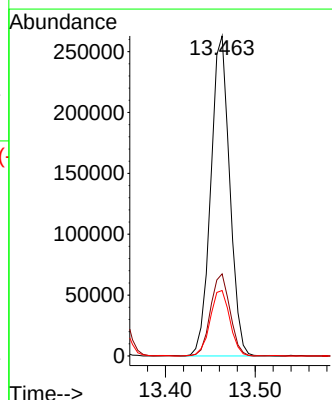
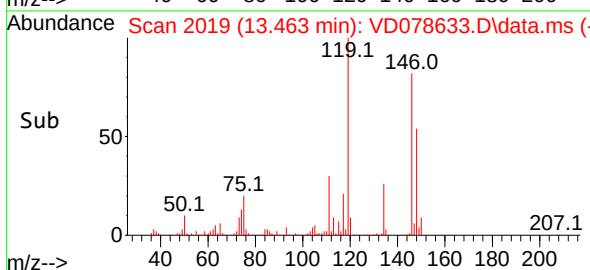
Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

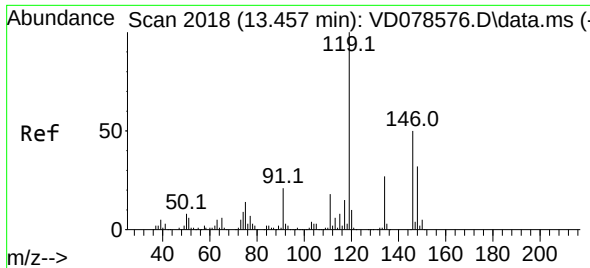


#86
 p-Isopropyltoluene
 Concen: 55.112 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078633.D
 Acq: 12 Mar 2024 09:58



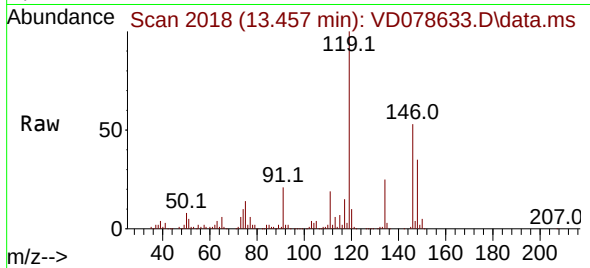
Tgt Ion:119 Resp: 384297
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 21.4 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 53.239 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

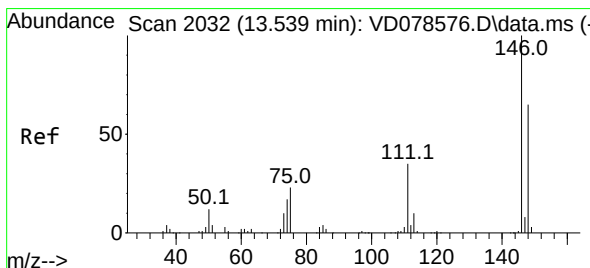
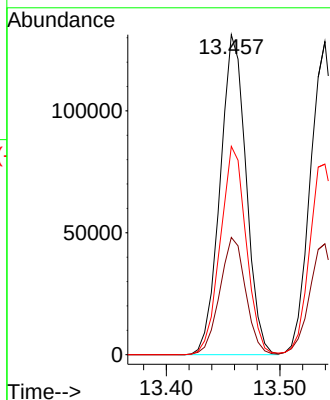
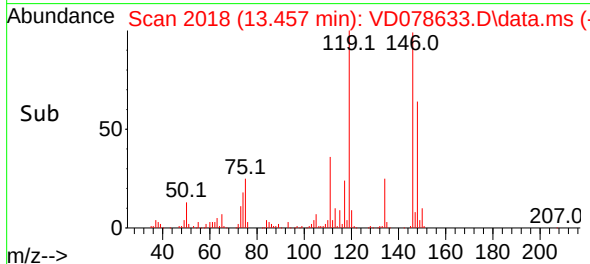
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



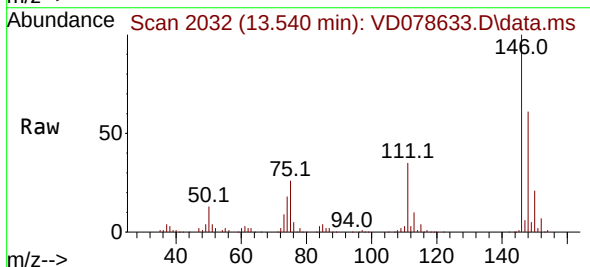
Tgt Ion:146 Resp: 208479
Ion Ratio Lower Upper
146 100
111 36.5 17.9 53.8
148 64.9 32.3 96.8

Manual Integrations
APPROVED

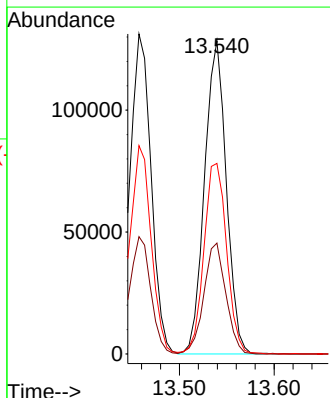
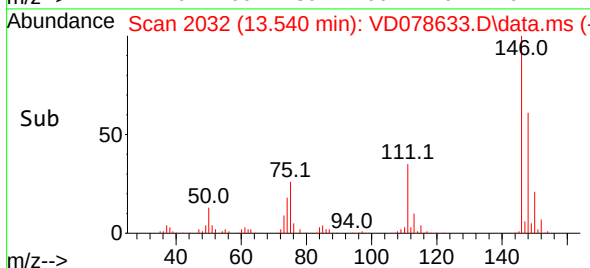
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

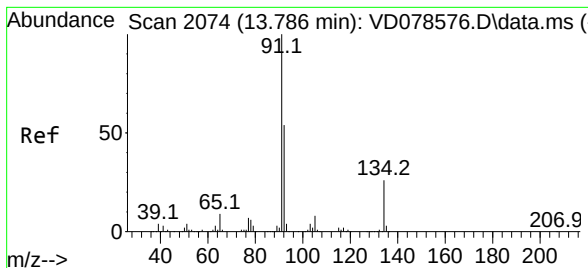


#88
1,4-Dichlorobenzene
Concen: 52.336 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



Tgt Ion:146 Resp: 205328
Ion Ratio Lower Upper
146 100
111 35.9 17.4 52.3
148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 54.792 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

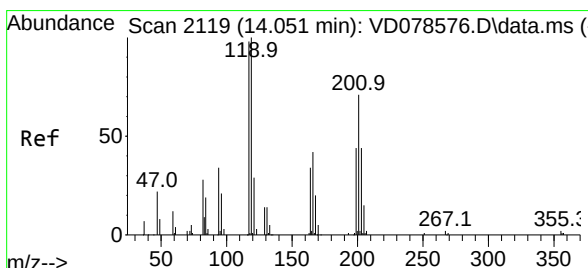
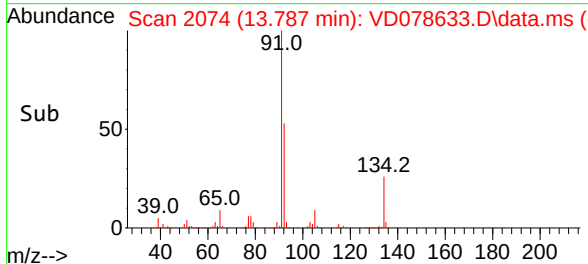
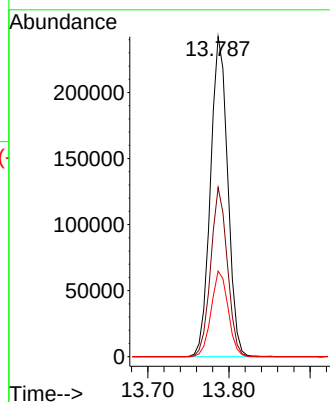
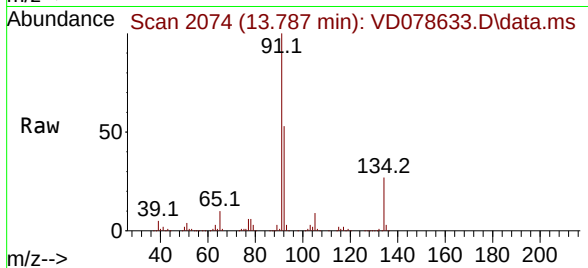
VSTDCCC050

Tgt Ion:	91	Resp:	35704
Ion Ratio	Lower	Upper	
91	100		
92	51.0	26.5	79.5
134	26.2	13.8	41.3

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 52.620 ug/l

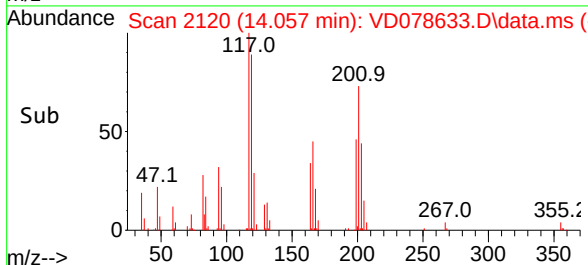
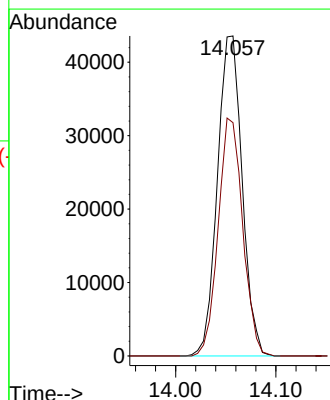
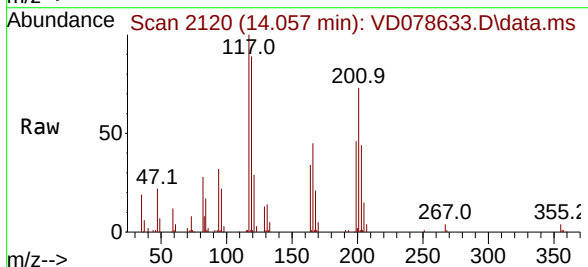
RT: 14.057 min Scan# 2120

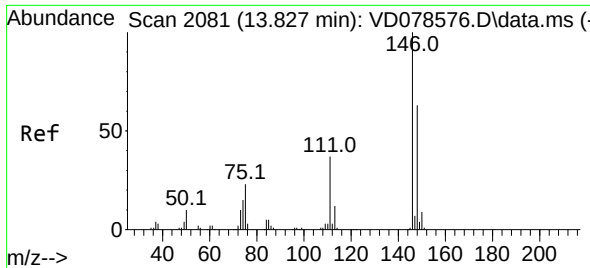
Delta R.T. 0.006 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

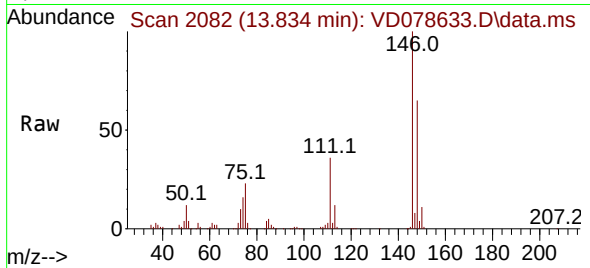
Tgt Ion:	117	Resp:	74606
Ion Ratio	Lower	Upper	
117	100		
201	73.6	38.5	115.5





#91
1,2-Dichlorobenzene
Concen: 53.651 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

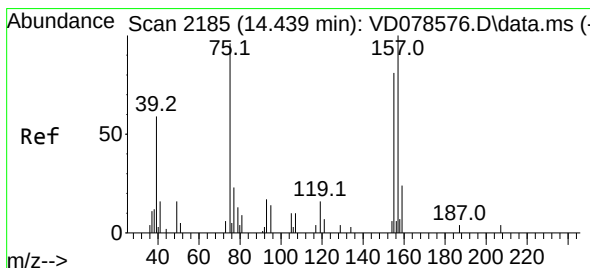
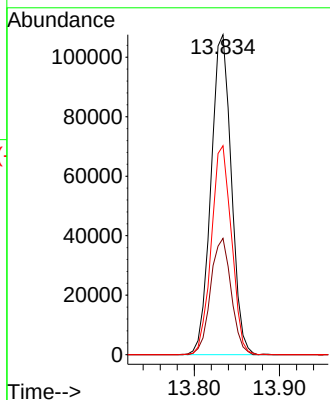
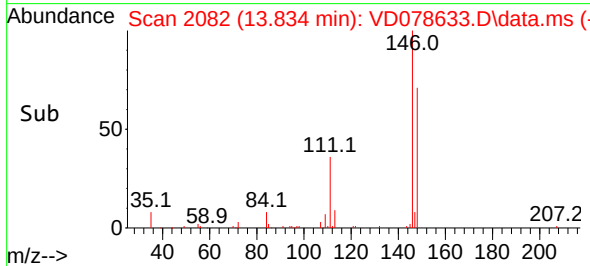
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



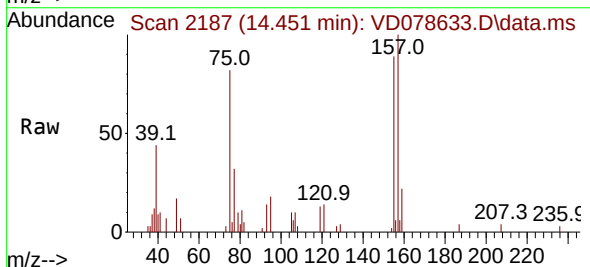
Tgt Ion:146 Resp: 17845
Ion Ratio Lower Upper
146 100
111 36.8 18.3 54.8
148 64.9 31.6 94.7

Manual Integrations
APPROVED

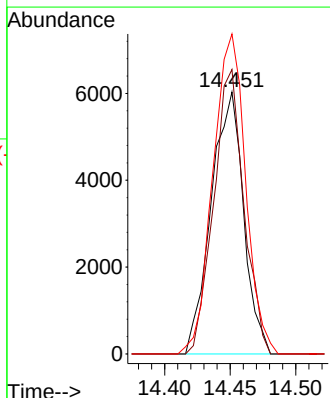
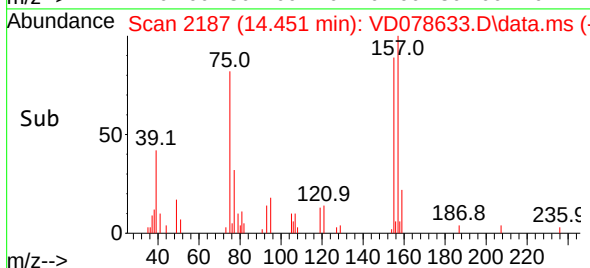
Reviewed By :Mahesh Dadoda 03/13/2024
Supervised By :Semsettin Yesilyurt 03/13/2024

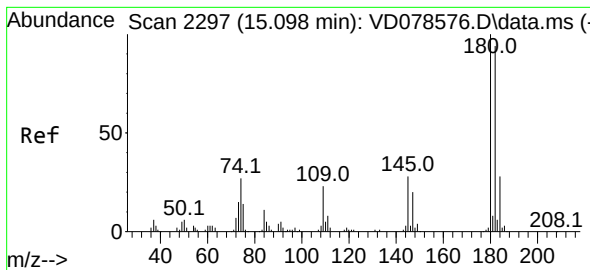


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.493 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



Tgt Ion: 75 Resp: 10351
Ion Ratio Lower Upper
75 100
155 101.6 47.9 143.8
157 123.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 55.481 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

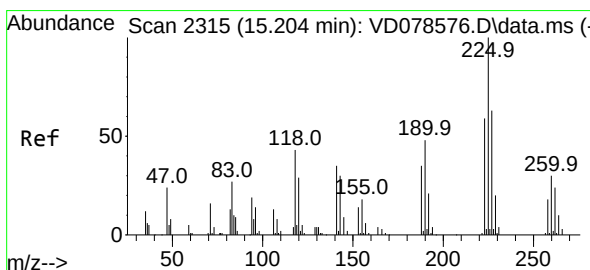
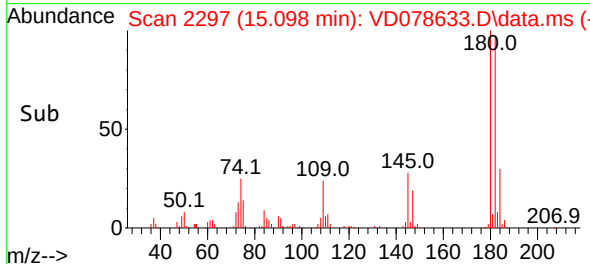
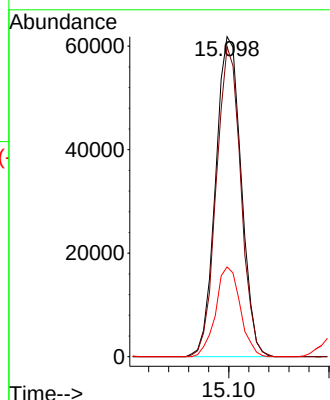
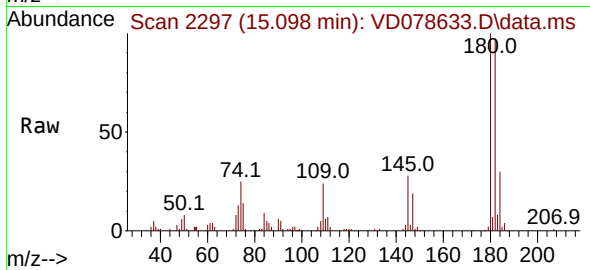
VSTDCCC050

Tgt Ion:	180	Resp:	109280
Ion Ratio	Lower	Upper	
180	100		
182	92.7	48.5	145.6
145	26.9	14.2	42.6

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 54.029 ug/l

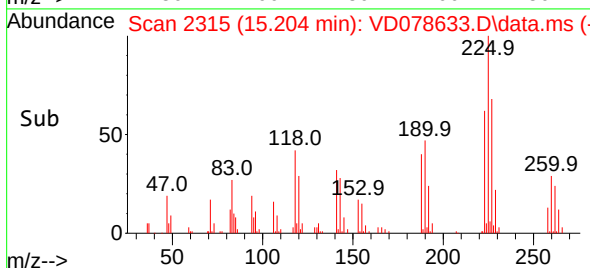
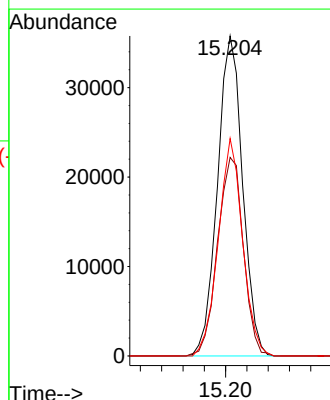
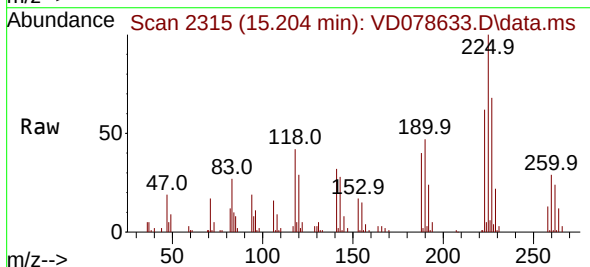
RT: 15.204 min Scan# 2315

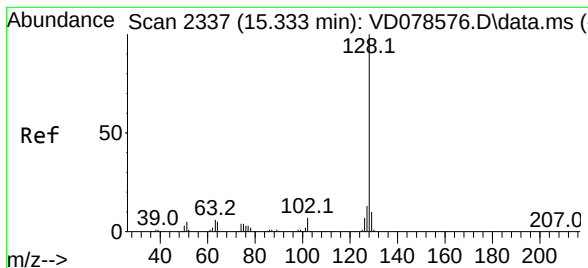
Delta R.T. 0.000 min

Lab File: VD078633.D

Acq: 12 Mar 2024 09:58

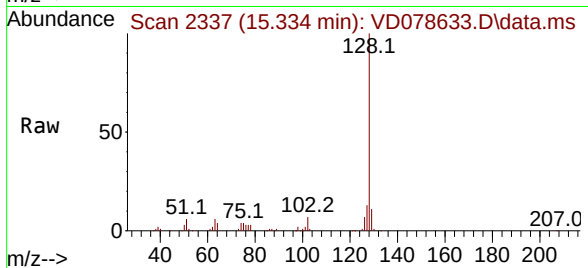
Tgt Ion:	225	Resp:	58554
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.6	94.8
227	65.5	31.7	95.1





#95
Naphthalene
Concen: 56.622 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58

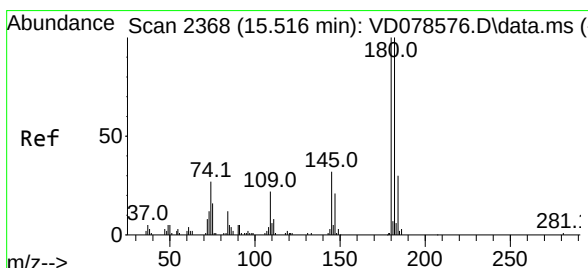
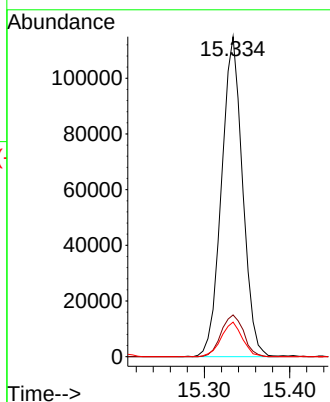
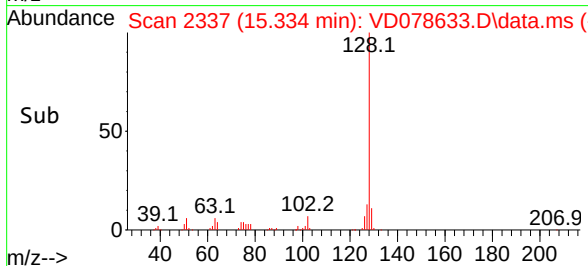
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



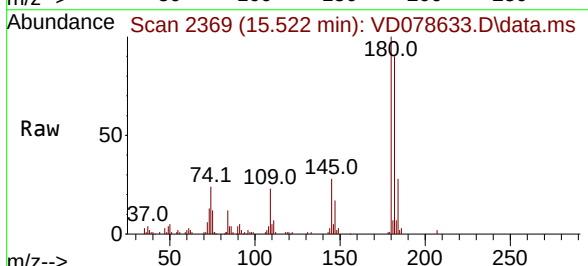
Tgt Ion:128 Resp: 197070
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 54.515 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078633.D
Acq: 12 Mar 2024 09:58



Tgt Ion:180 Resp: 95362
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.9
145 30.0 15.1 45.3

