

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078272.D
 Acq On : 30 Jan 2024 11:11
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:33:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	118741	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	212923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27886	18.971	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.940%	#	
35) Dibromofluoromethane	7.810	113	28460	18.775	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.540%	#	
50) Toluene-d8	10.269	98	106194	18.504	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	37.000%	#	
62) 4-Bromofluorobenzene	12.575	95	31023	18.050	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	32942	24.335	ug/l	99
3) Chloromethane	2.152	50	55388	22.424	ug/l	99
4) Vinyl Chloride	2.287	62	71774	22.028	ug/l	97
5) Bromomethane	2.687	94	43686	22.147	ug/l	95
6) Chloroethane	2.834	64	49433	21.965	ug/l	97
7) Trichlorofluoromethane	3.170	101	59378	21.525	ug/l	94
8) Diethyl Ether	3.593	74	16661	20.417	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.975	101	35947	21.233	ug/l	95
10) Methyl Iodide	4.164	142	33206	21.562	ug/l	92
11) Tert butyl alcohol	5.058	59	10009	106.750	ug/l	95
12) 1,1-Dichloroethene	3.940	96	33095	20.260	ug/l	93
13) Acrolein	3.805	56	12759	111.542	ug/l	94
14) Allyl chloride	4.564	41	45694	21.216	ug/l	87
15) Acrylonitrile	5.258	53	36801	102.027	ug/l	96
16) Acetone	4.022	43	42971	116.870	ug/l	# 79
17) Carbon Disulfide	4.275	76	118314	21.454	ug/l	95
18) Methyl Acetate	4.564	43	15333	19.570	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	70902	20.870	ug/l	96
20) Methylene Chloride	4.799	84	41429	21.656	ug/l	# 88
21) trans-1,2-Dichloroethene	5.322	96	39322	21.290	ug/l	96
22) Diisopropyl ether	6.222	45	98971	21.596	ug/l	95
23) Vinyl Acetate	6.158	43	299849	107.244	ug/l	# 90
24) 1,1-Dichloroethane	6.116	63	66271	20.889	ug/l	94
25) 2-Butanone	7.087	43	54967	112.221	ug/l	# 80
26) 2,2-Dichloropropane	7.087	77	53824	20.769	ug/l	94
27) cis-1,2-Dichloroethene	7.093	96	41527	20.286	ug/l	88
28) Bromochloromethane	7.428	49	21805	19.270	ug/l	# 74
29) Tetrahydrofuran	7.452	42	27660	105.560	ug/l	# 85
30) Chloroform	7.599	83	68379	21.080	ug/l	89
31) Cyclohexane	7.881	56	57229	20.788	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	56443	20.190	ug/l	97
36) 1,1-Dichloropropene	8.010	75	53559	21.307	ug/l	95
37) Ethyl Acetate	7.169	43	20797	21.496	ug/l	# 95
38) Carbon Tetrachloride	7.999	117	50910	20.598	ug/l	94
39) Methylcyclohexane	9.275	83	60928	20.501	ug/l	95
40) Benzene	8.252	78	153527	20.932	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	11598	22.298	ug/l #	87
42) 1,2-Dichloroethane	8.334	62	40069	21.064	ug/l	97
43) Isopropyl Acetate	8.363	43	35868	20.677	ug/l #	78
44) Trichloroethene	9.028	130	37585	20.869	ug/l	88
45) 1,2-Dichloropropane	9.310	63	39487	22.020	ug/l	99
46) Dibromomethane	9.393	93	20497	20.601	ug/l	87
47) Bromodichloromethane	9.587	83	49834	20.357	ug/l	97
48) Methyl methacrylate	9.381	41	15821	19.087	ug/l #	84
49) 1,4-Dioxane	9.381	88	4835	433.200	ug/l	91
51) 4-Methyl-2-Pentanone	10.163	43	98404	104.866	ug/l	88
52) Toluene	10.334	92	91760	20.626	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	46168	20.191	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	56244	20.778	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	27849	21.449	ug/l	93
56) Ethyl methacrylate	10.599	69	31574	21.440	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	47274	21.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	60224	89.923	ug/l	94
59) 2-Hexanone	10.922	43	78527	111.114	ug/l	86
60) Dibromochloromethane	11.075	129	31629	20.985	ug/l	94
61) 1,2-Dibromoethane	11.181	107	25517	20.816	ug/l	99
64) Tetrachloroethene	10.810	164	28230	20.467	ug/l	92
65) Chlorobenzene	11.610	112	96548	20.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	33969	20.165	ug/l	96
67) Ethyl Benzene	11.687	91	174848	20.402	ug/l	92
68) m/p-Xylenes	11.793	106	134998	40.943	ug/l	90
69) o-Xylene	12.122	106	61504	20.297	ug/l	89
70) Styrene	12.140	104	104625	20.218	ug/l	96
71) Bromoform	12.298	173	17531	21.131	ug/l #	95
73) Isopropylbenzene	12.422	105	162578	20.993	ug/l	93
74) N-amyl acetate	12.234	43	36226	22.617	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	31826	21.280	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	20367m	21.289	ug/l	
77) Bromobenzene	12.698	156	36163	21.220	ug/l	81
78) n-propylbenzene	12.763	91	203756	21.121	ug/l	94
79) 2-Chlorotoluene	12.851	91	107819	20.878	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	131815	20.922	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	10064	20.922	ug/l	91
82) 4-Chlorotoluene	12.946	91	114386	20.777	ug/l	96
83) tert-Butylbenzene	13.169	119	113323	21.080	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	131290	20.597	ug/l	98
85) sec-Butylbenzene	13.345	105	177765	21.070	ug/l	95
86) p-Isopropyltoluene	13.463	119	144326	20.885	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	72827	20.570	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	73784	21.063	ug/l	97
89) n-Butylbenzene	13.787	91	139685	20.744	ug/l	98
90) Hexachloroethane	14.057	117	29008	21.016	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	61887	20.432	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4625	22.061	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	35309	20.154	ug/l	99
94) Hexachlorobutadiene	15.210	225	17375	20.239	ug/l	96
95) Naphthalene	15.328	128	70210	20.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	31079	20.147	ug/l	99

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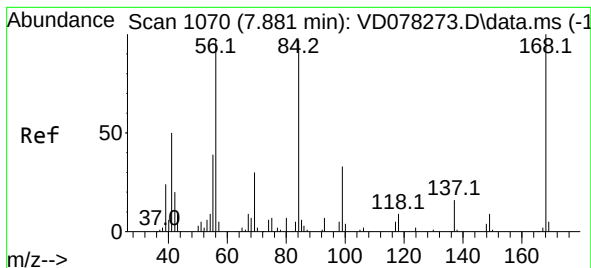
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

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Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

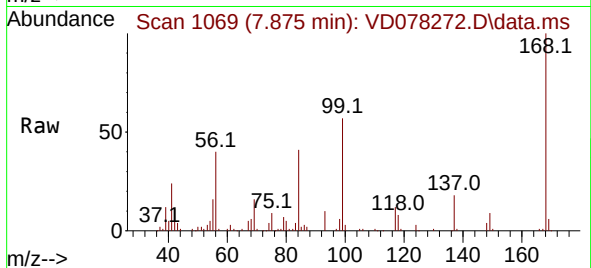
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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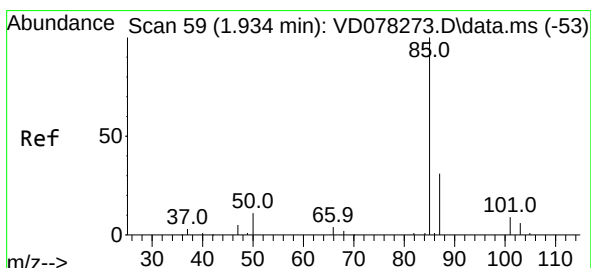
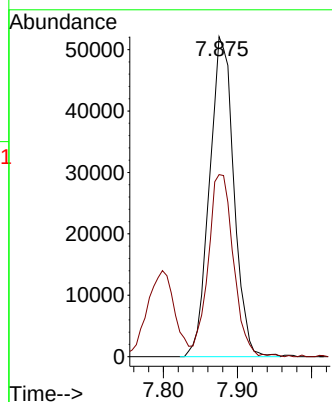
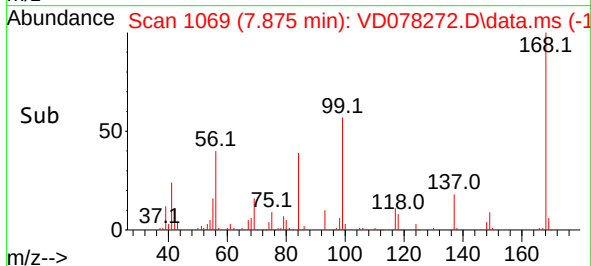
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 11874
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1

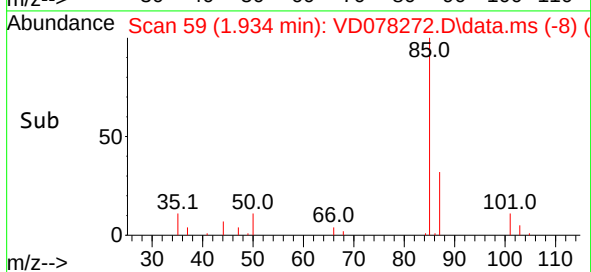
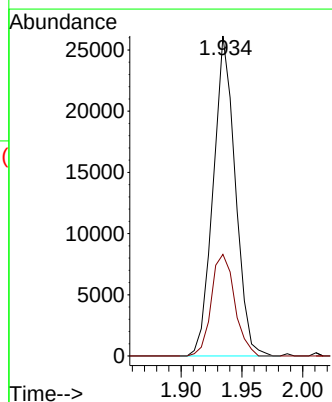
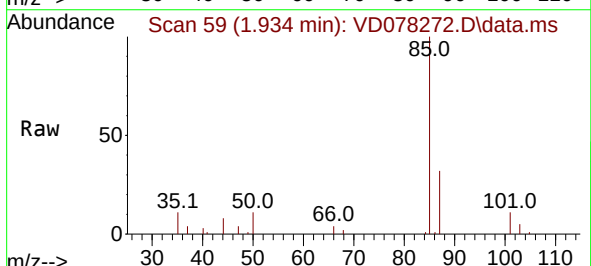
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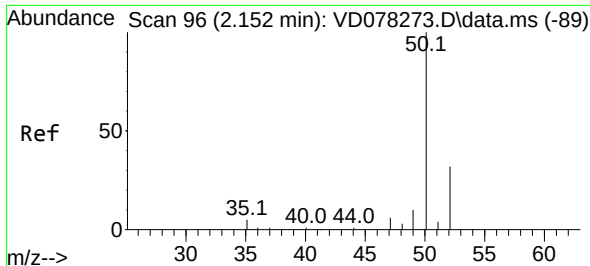
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#2
Dichlorodifluoromethane
Concen: 24.335 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

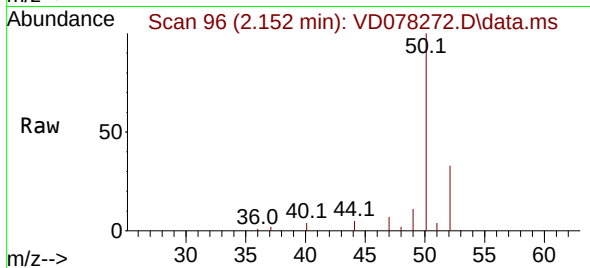
Tgt Ion: 85 Resp: 32942
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





#3
Chloromethane
Concen: 22.424 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

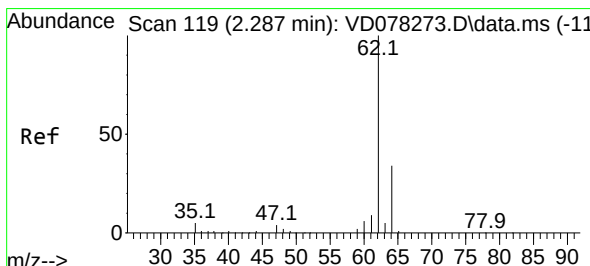
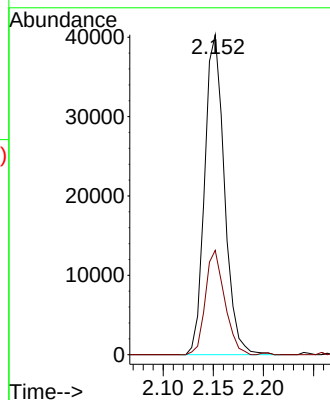
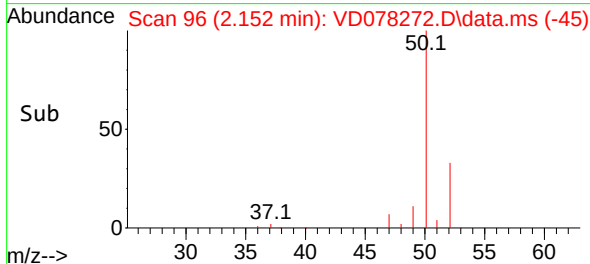
Instrument :
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VSTDICC020



Tgt Ion: 50 Resp: 5538
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0

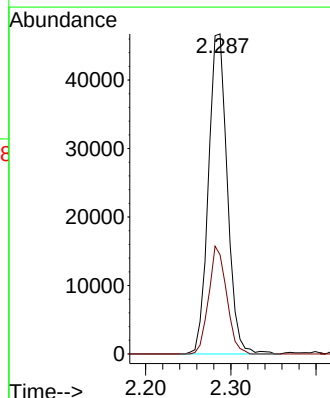
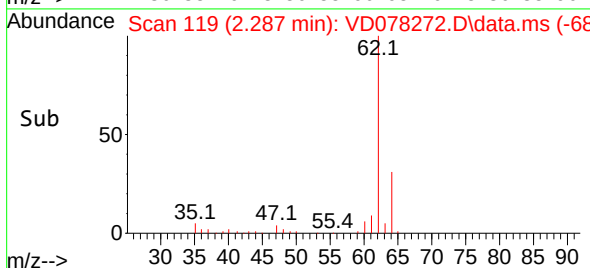
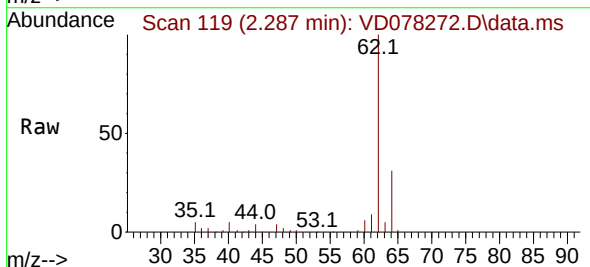
Manual Integrations
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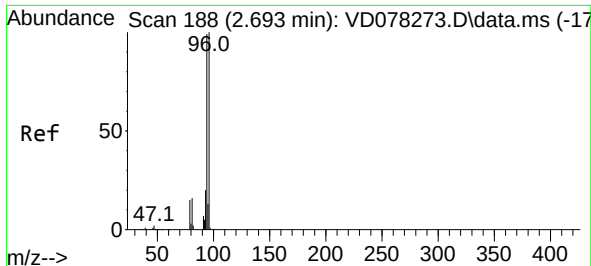
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#4
Vinyl Chloride
Concen: 22.028 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 62 Resp: 71774
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





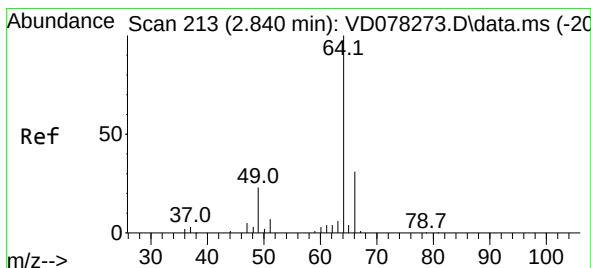
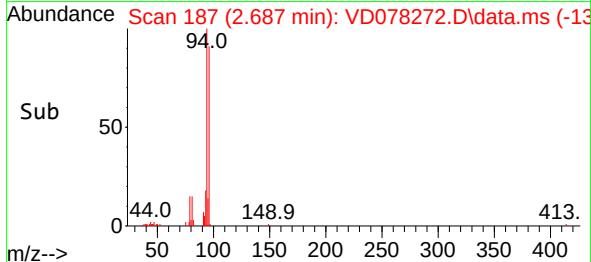
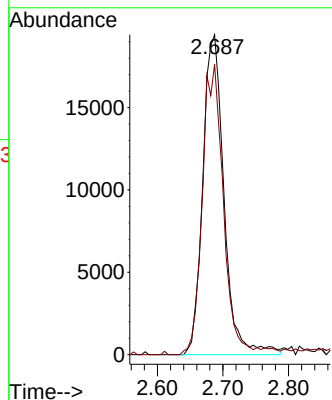
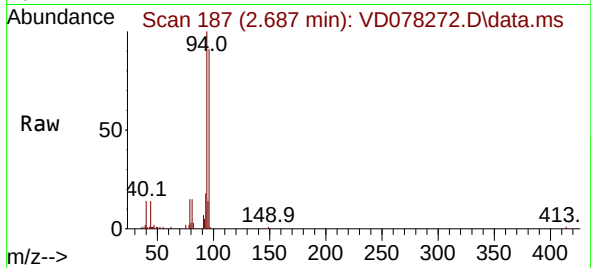
#5
Bromomethane
Concen: 22.147 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 4368
Ion Ratio Lower Upper
94 100
96 89.8 75.8 113.8

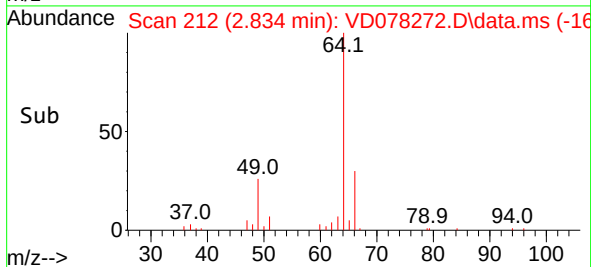
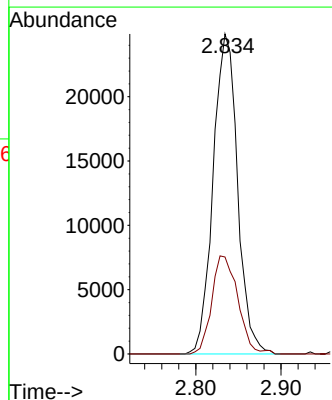
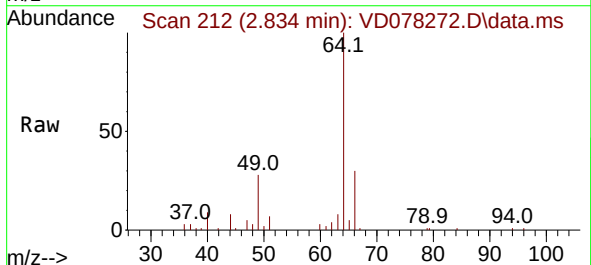
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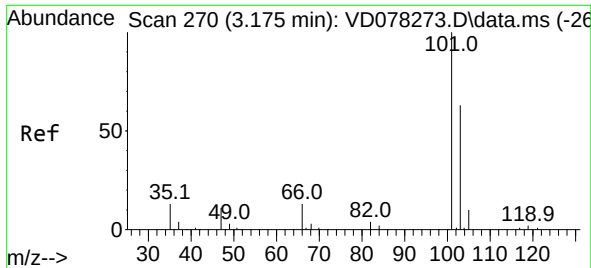
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#6
Chloroethane
Concen: 21.965 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

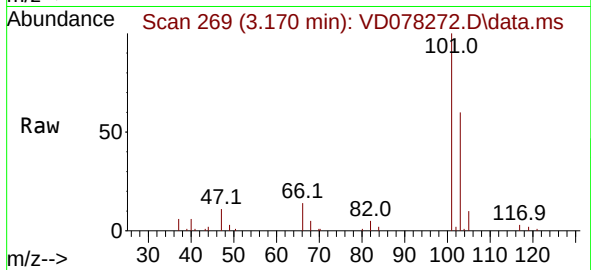
Tgt Ion: 64 Resp: 49433
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3





#7
Trichlorofluoromethane
Concen: 21.525 ug/l
RT: 3.170 min Scan# 201
Delta R.T. -0.006 min
Lab File: VD078272.D
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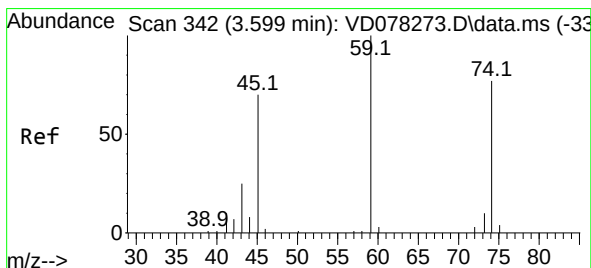
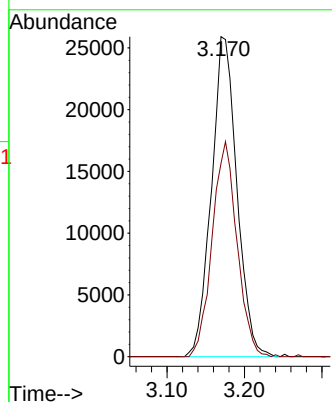
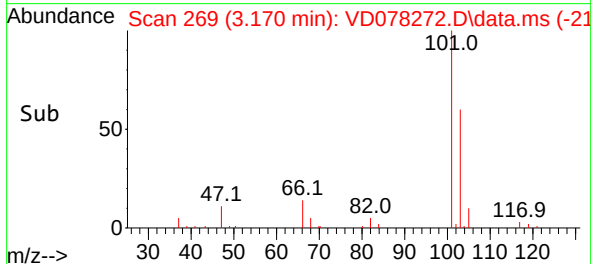
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 59378
Ion Ratio Lower Upper
101 100
103 60.4 52.3 78.5

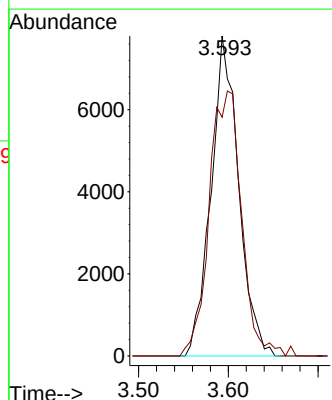
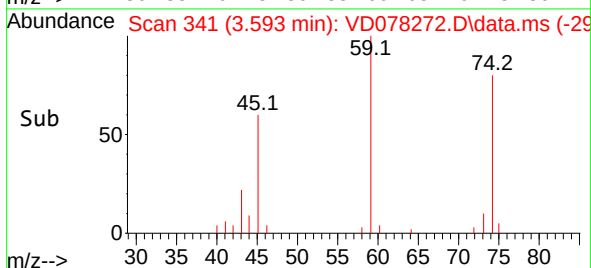
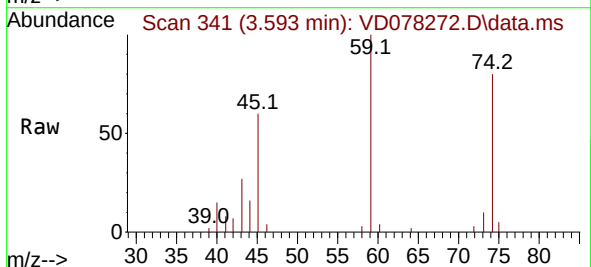
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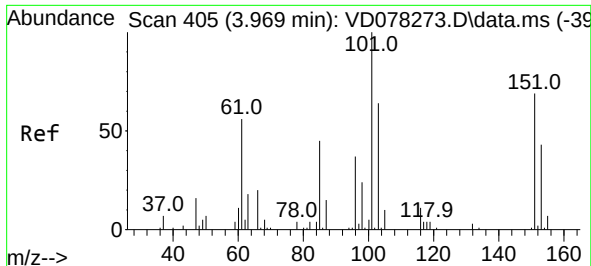
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#8
Diethyl Ether
Concen: 20.417 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078272.D
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Tgt Ion: 74 Resp: 16661
Ion Ratio Lower Upper
74 100
45 96.7 37.5 112.7





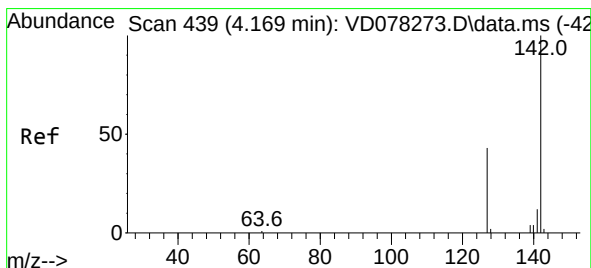
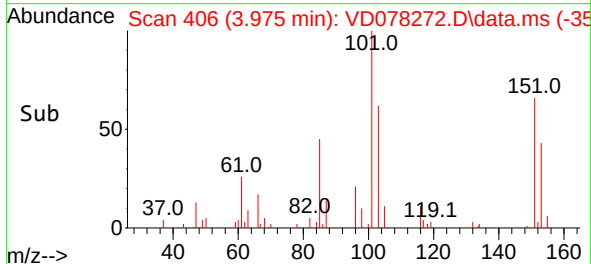
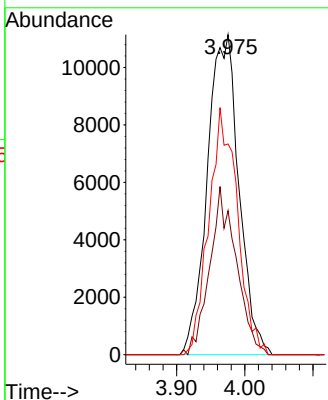
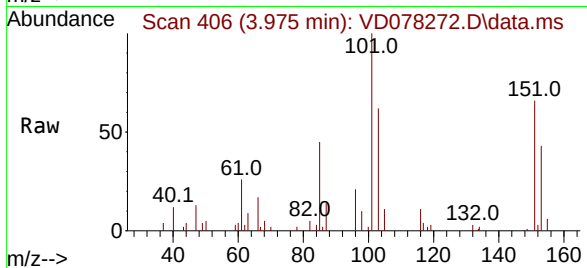
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.233 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3594
Ion Ratio Lower Upper
101 100
85 44.2 33.8 50.6
151 69.6 59.8 89.6

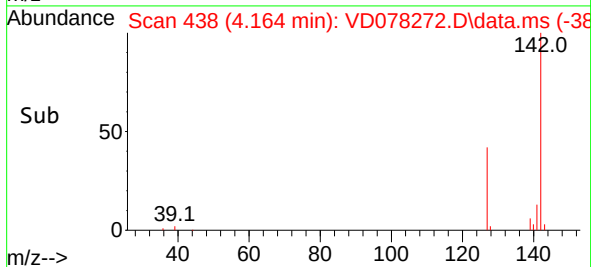
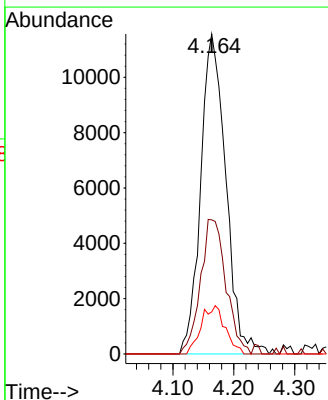
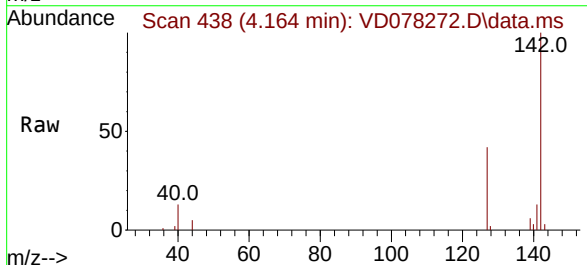
Manual Integrations
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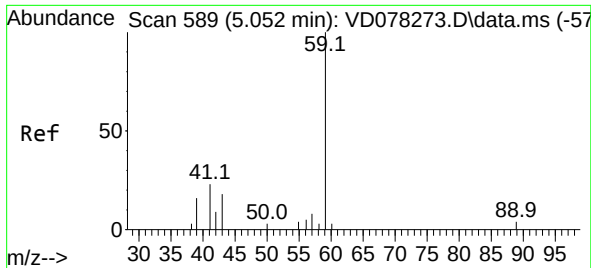
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#10
Methyl Iodide
Concen: 21.562 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:142 Resp: 33206
Ion Ratio Lower Upper
142 100
127 42.6 29.4 44.0
141 14.4 11.1 16.7





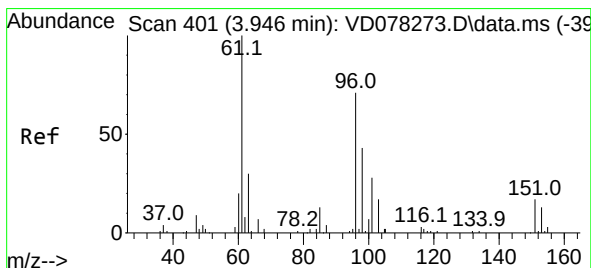
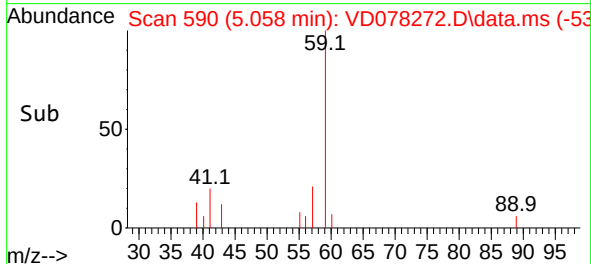
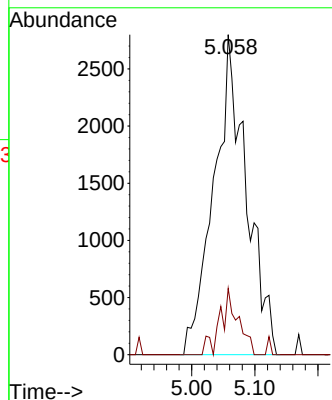
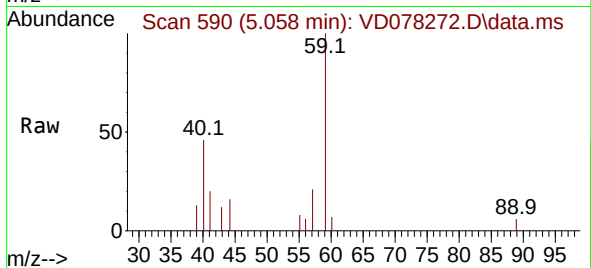
#11
Tert butyl alcohol
Concen: 106.750 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 1000
Ion Ratio Lower Upper
59 100
57 11.6 7.8 11.8

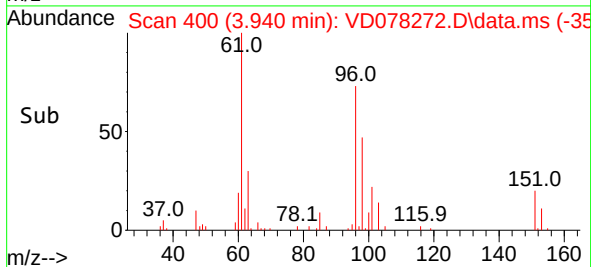
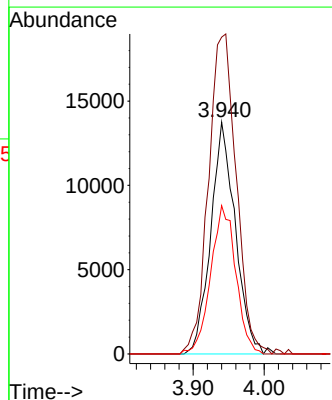
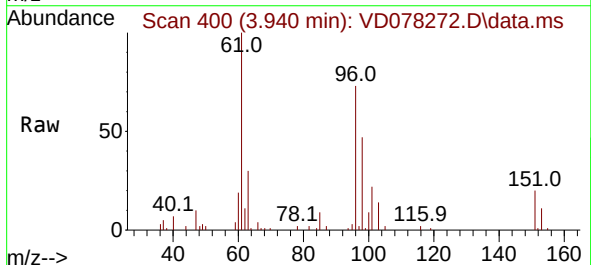
Manual Integrations
APPROVED

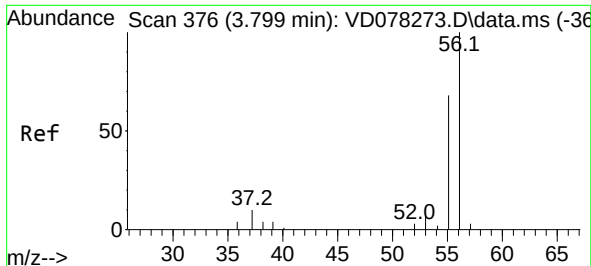
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#12
1,1-Dichloroethene
Concen: 20.260 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 96 Resp: 33095
Ion Ratio Lower Upper
96 100
61 136.7 100.6 150.8
98 64.0 50.2 75.2





#13

Acrolein

Concen: 111.542 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 12759

Ion Ratio Lower Upper

56 100

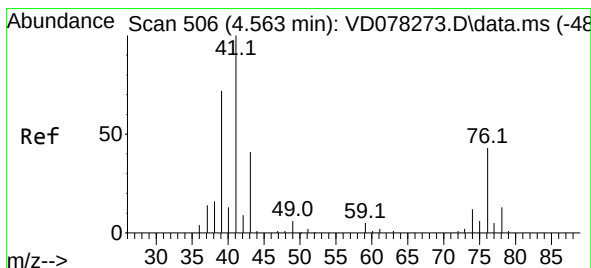
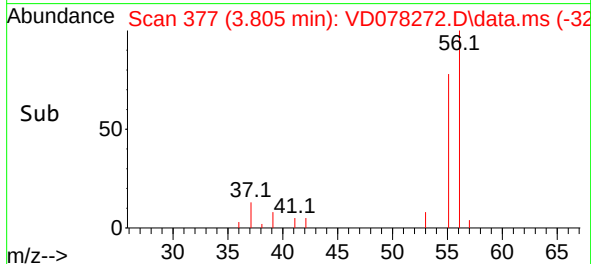
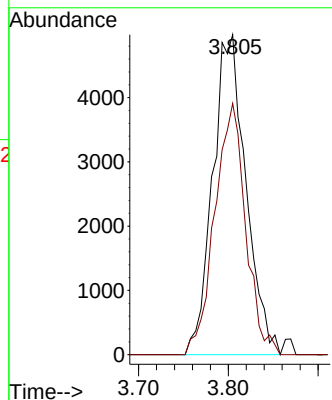
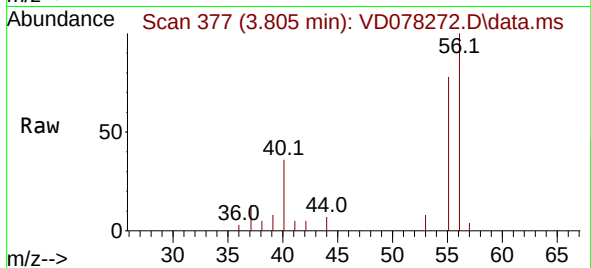
55 73.4 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#14

Allyl chloride

Concen: 21.216 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

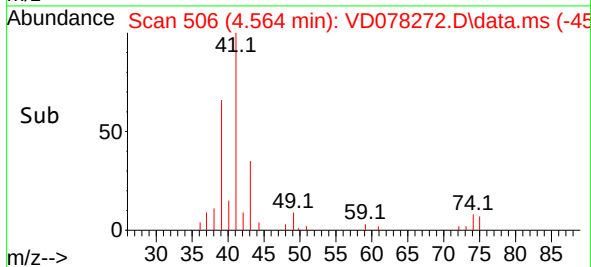
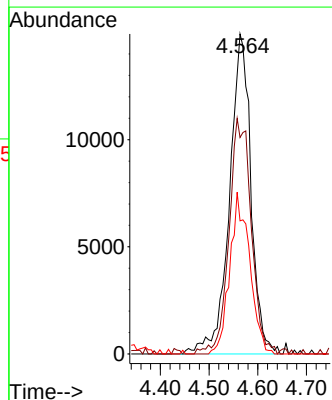
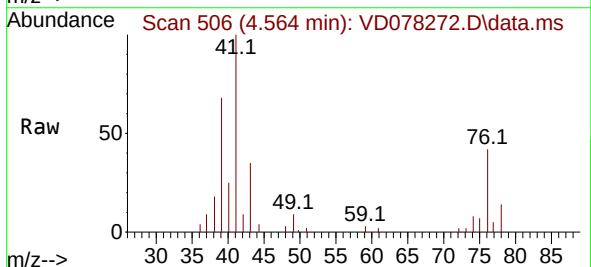
Tgt Ion: 41 Resp: 45694

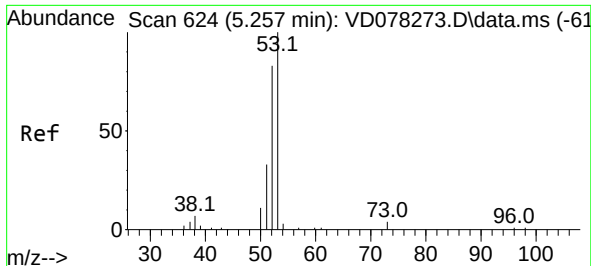
Ion Ratio Lower Upper

41 100

39 76.1 53.8 80.6

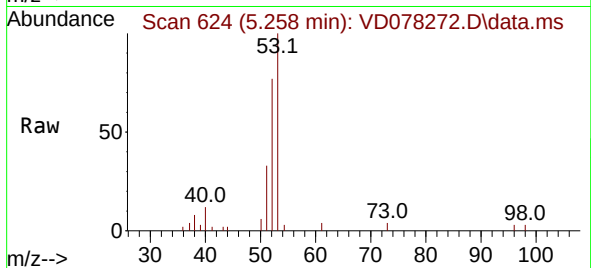
76 46.7 45.8 68.8





#15
Acrylonitrile
Concen: 102.027 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

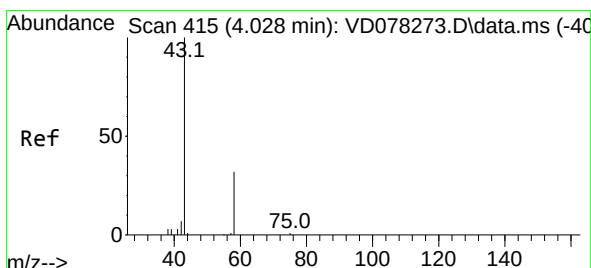
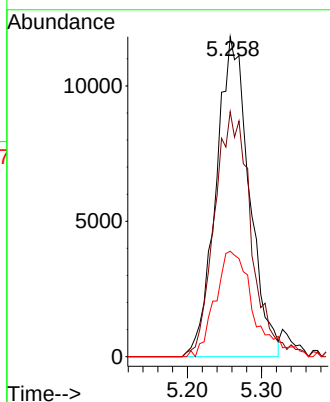
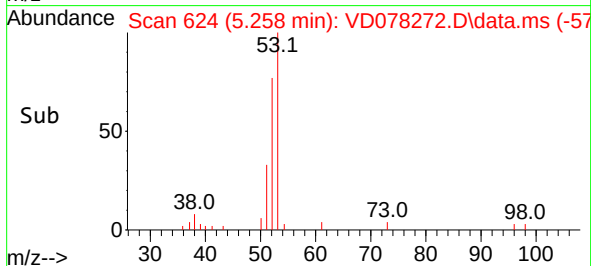
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



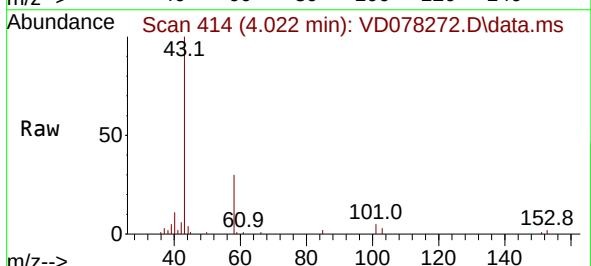
Tgt Ion: 53 Resp: 3680
Ion Ratio Lower Upper
53 100
52 84.3 65.0 97.4
51 38.1 28.3 42.5

Manual Integrations
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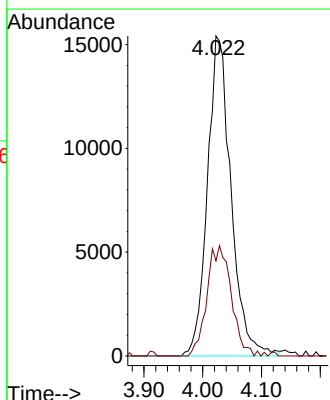
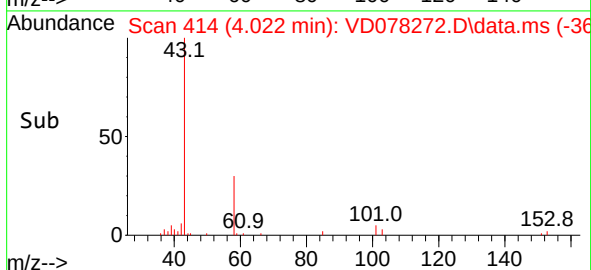
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

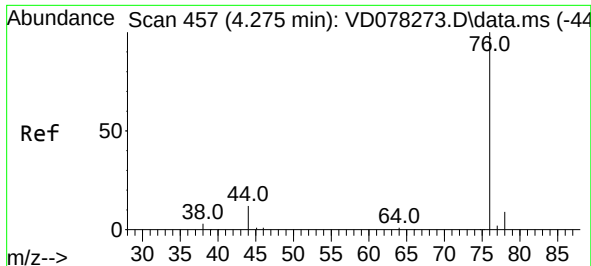


#16
Acetone
Concen: 116.870 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11



Tgt Ion: 43 Resp: 42971
Ion Ratio Lower Upper
43 100
58 29.8 34.7 52.1#





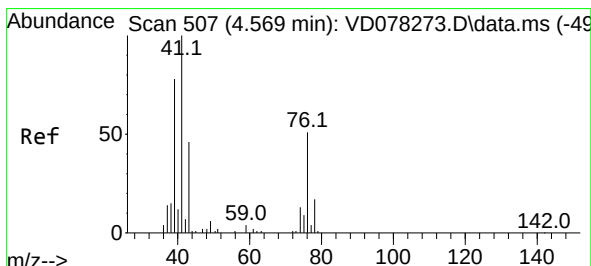
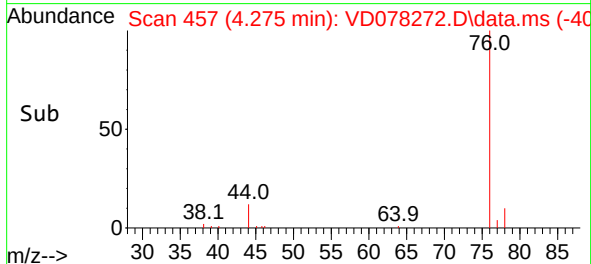
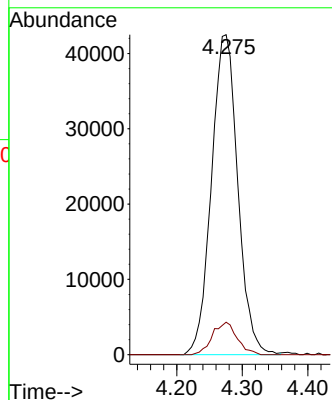
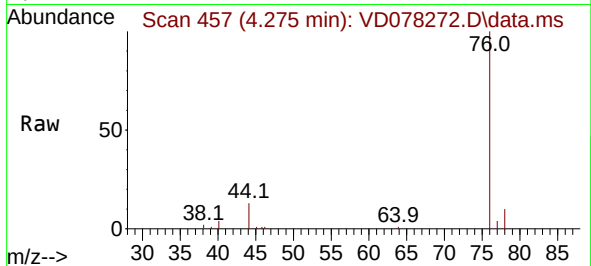
#17
Carbon Disulfide
Concen: 21.454 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 118314
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2

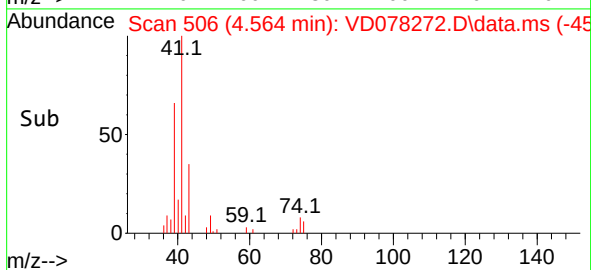
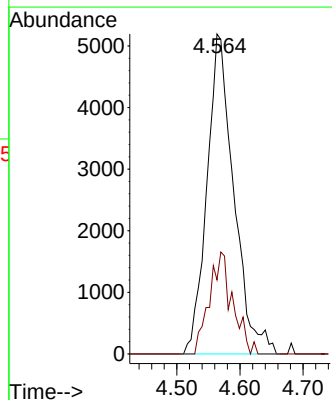
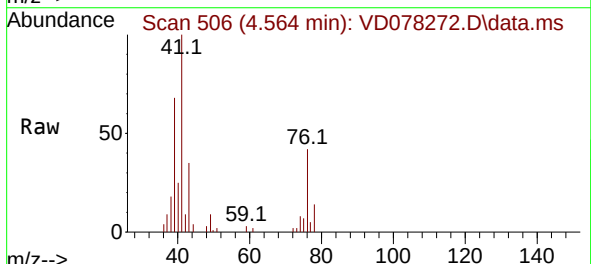
Manual Integrations
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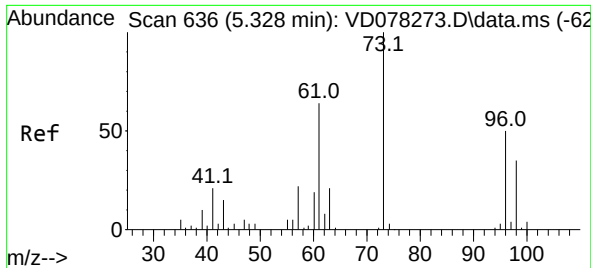
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#18
Methyl Acetate
Concen: 19.570 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 43 Resp: 15333
Ion Ratio Lower Upper
43 100
74 27.5 26.4 39.6





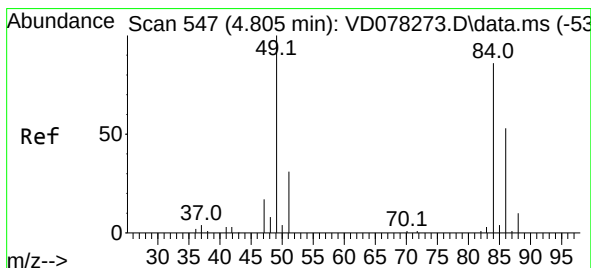
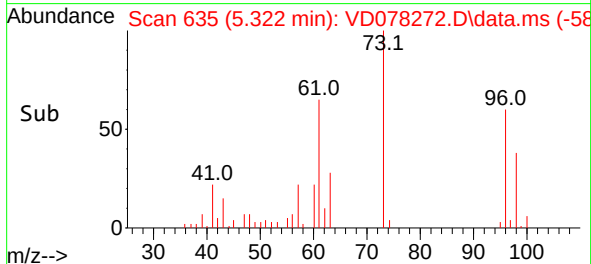
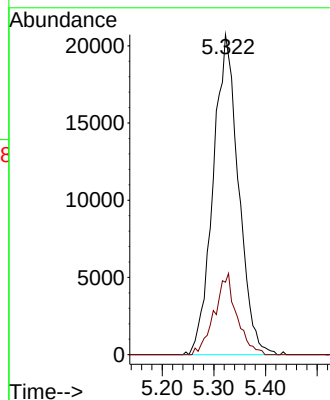
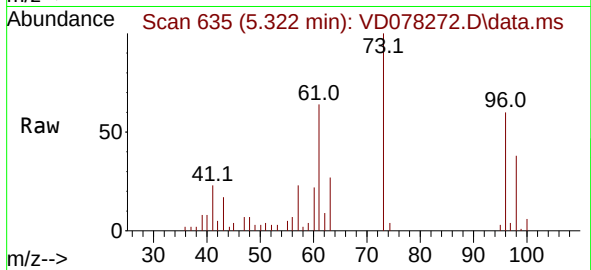
#19
Methyl tert-butyl Ether
Concen: 20.870 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 7090
Ion Ratio Lower Upper
73 100
57 22.6 16.6 25.0

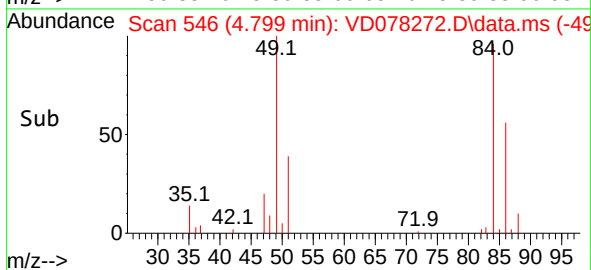
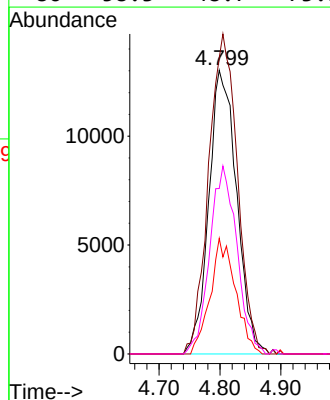
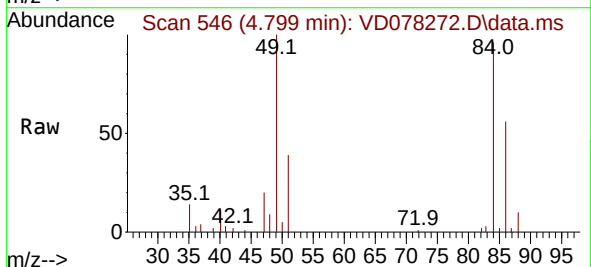
Manual Integrations
APPROVED

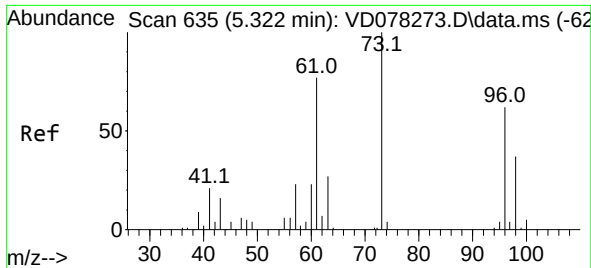
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#20
Methylene Chloride
Concen: 21.656 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 84 Resp: 41429
Ion Ratio Lower Upper
84 100
49 104.3 71.4 107.2
51 40.7 24.5 36.7#
86 58.3 48.7 73.1





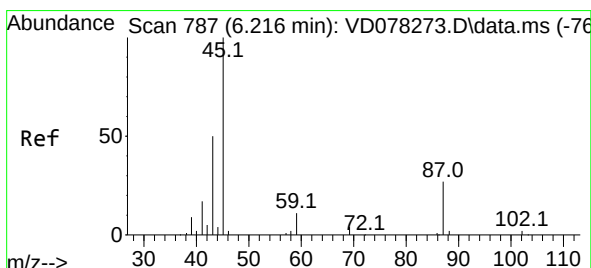
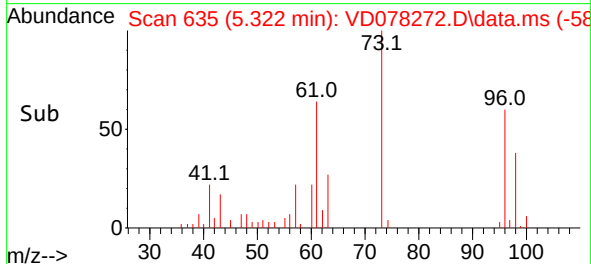
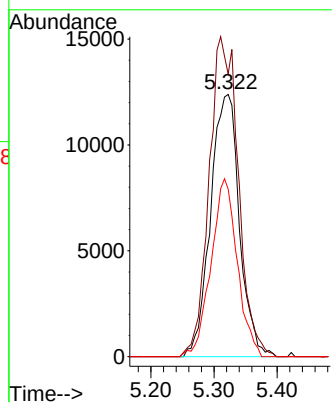
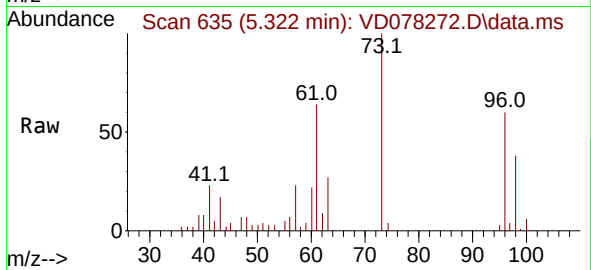
#21
trans-1,2-Dichloroethene
Concen: 21.290 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 3932
Ion Ratio Lower Upper
96 100
61 107.8 89.3 133.9
98 63.9 48.6 73.0

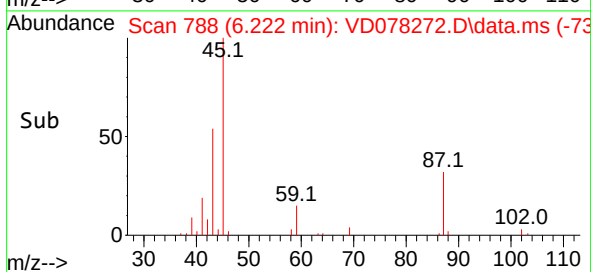
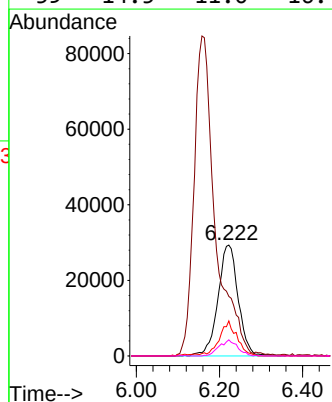
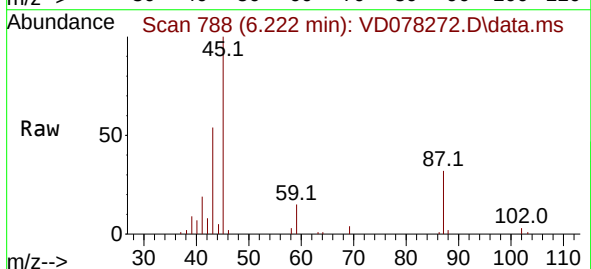
Manual Integrations
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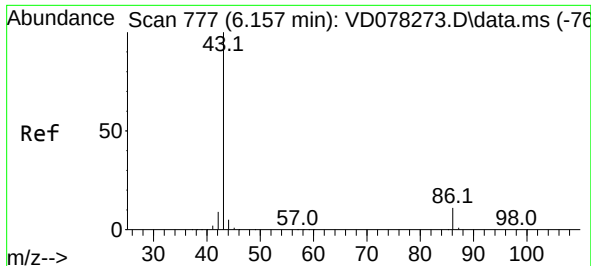
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#22
Diisopropyl ether
Concen: 21.596 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

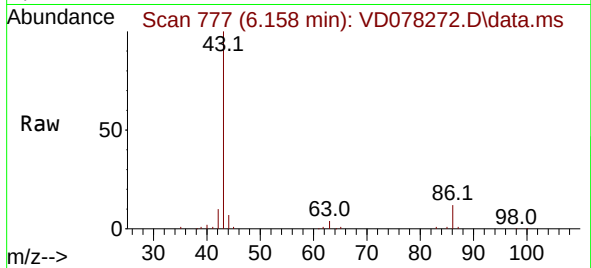
Tgt Ion: 45 Resp: 98971
Ion Ratio Lower Upper
45 100
43 52.6 40.0 60.0
87 31.5 28.2 42.4
59 14.5 11.0 16.4





#23
 Vinyl Acetate
 Concen: 107.244 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078272.D
 Acq: 30 Jan 2024 11:11

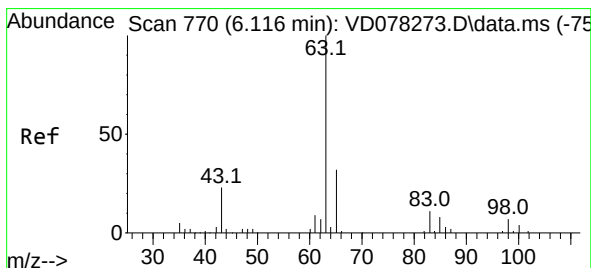
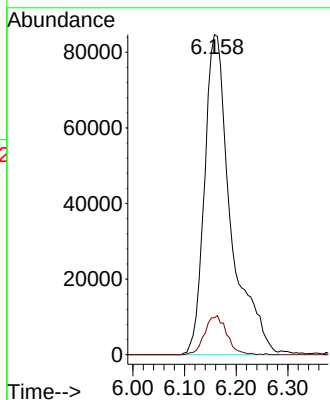
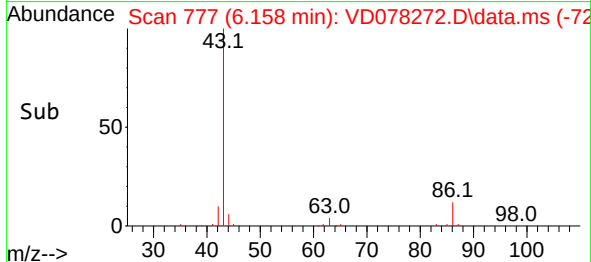
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



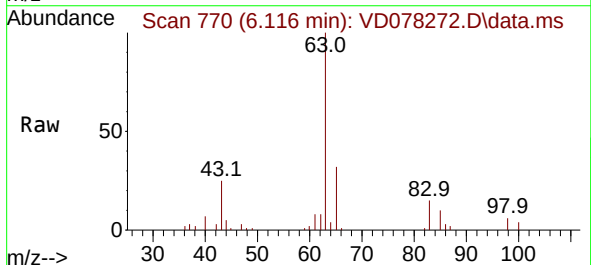
Tgt Ion: 43 Resp: 299849
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7

Manual Integrations
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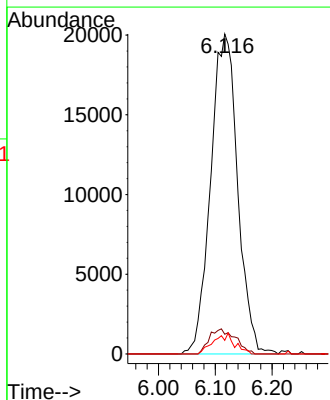
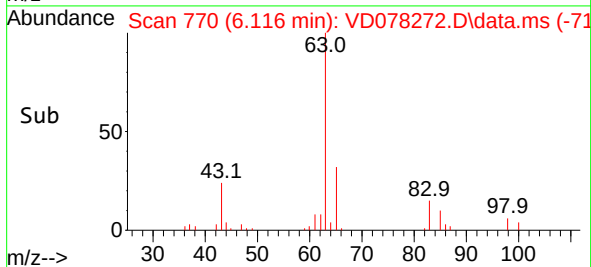
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

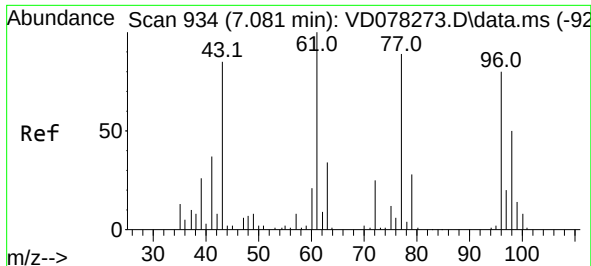


#24
 1,1-Dichloroethane
 Concen: 20.889 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078272.D
 Acq: 30 Jan 2024 11:11



Tgt Ion: 63 Resp: 66271
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 4.3 2.5 7.5





#25

2-Butanone

Concen: 112.221 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 5496

Ion Ratio Lower Upper

43 100

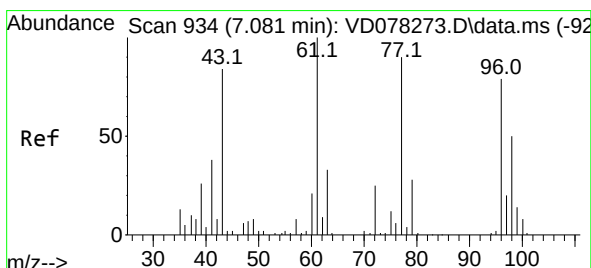
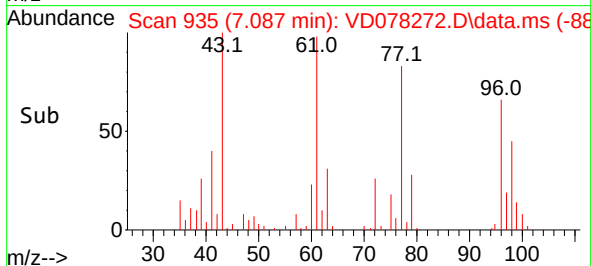
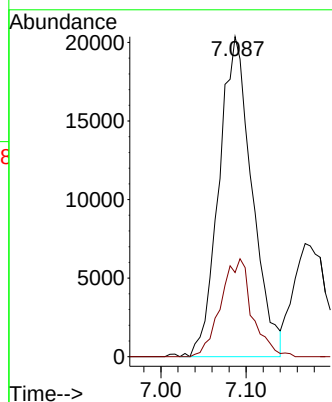
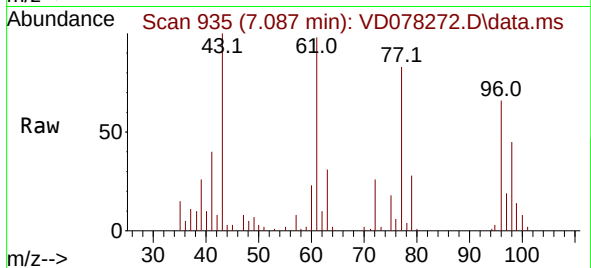
72 26.3 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#26

2,2-Dichloropropane

Concen: 20.769 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD078272.D

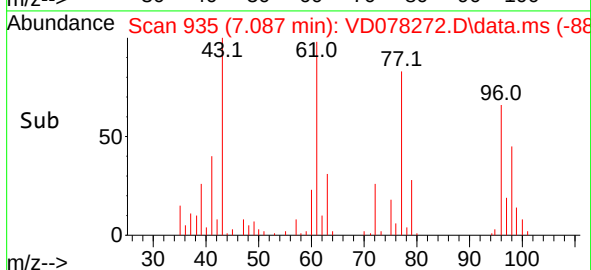
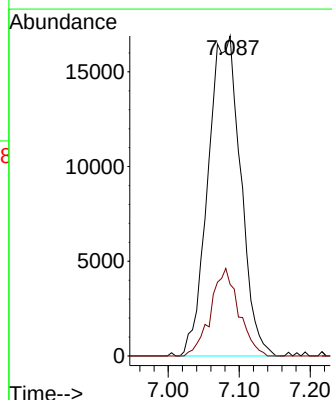
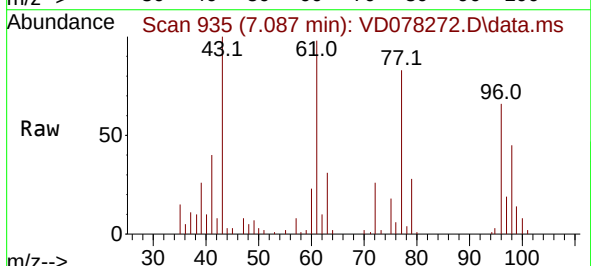
Acq: 30 Jan 2024 11:11

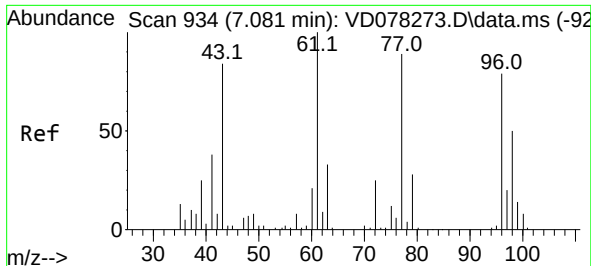
Tgt Ion: 77 Resp: 53824

Ion Ratio Lower Upper

77 100

97 23.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.286 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 4152

Ion Ratio Lower Upper

96 100

61 137.3 0.0 239.2

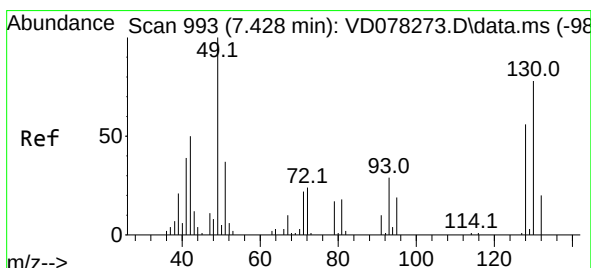
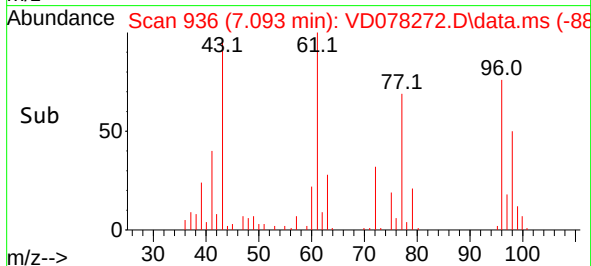
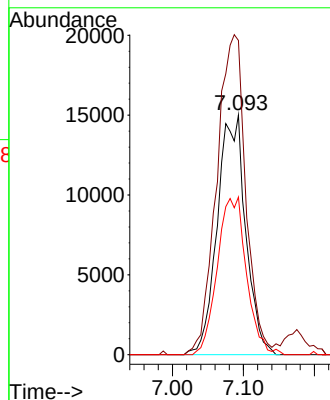
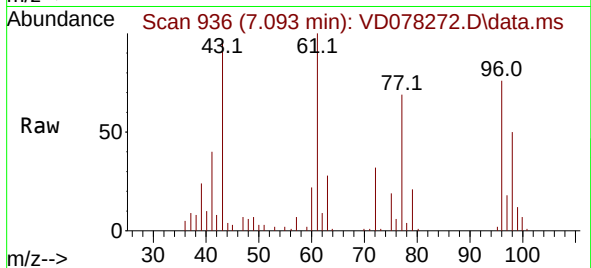
98 67.7 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#28

Bromochloromethane

Concen: 19.270 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

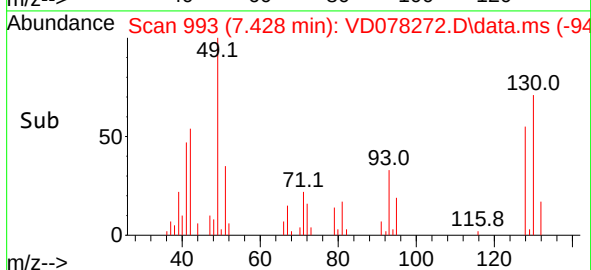
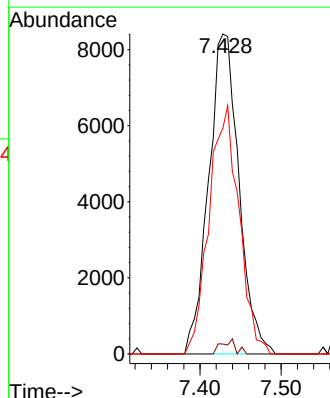
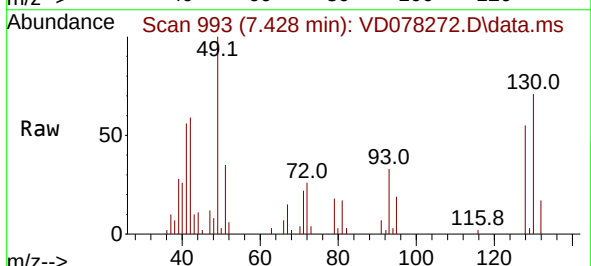
Tgt Ion: 49 Resp: 21805

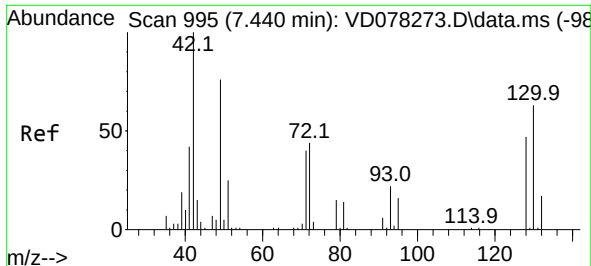
Ion Ratio Lower Upper

49 100

129 2.2 0.0 6.0

130 76.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 105.560 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

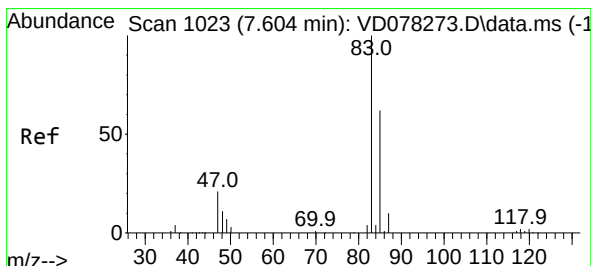
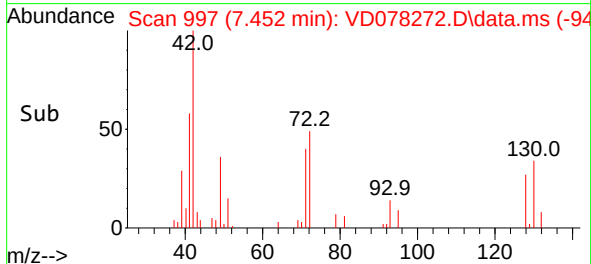
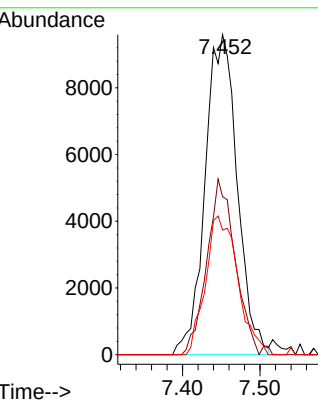
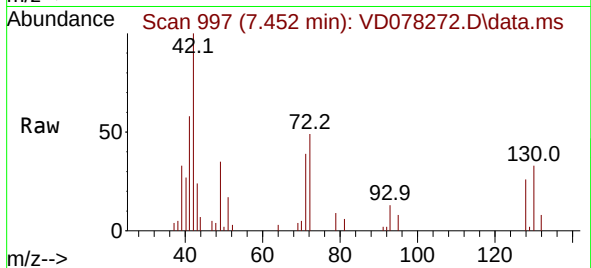
VSTDICC020

Tgt Ion:	42	Resp:	27660
Ion	Ratio	Lower	Upper
42	100		
72	48.2	46.5	69.7
71	43.4	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#30

Chloroform

Concen: 21.080 ug/l

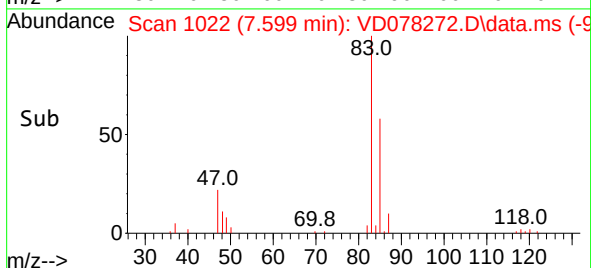
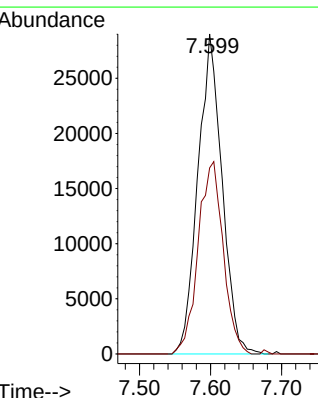
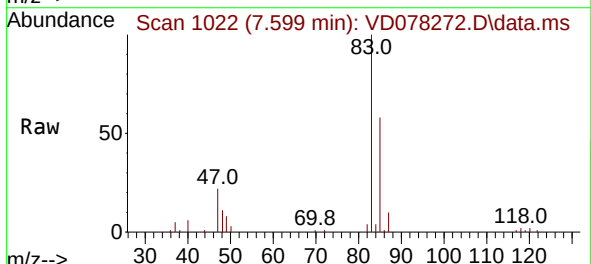
RT: 7.599 min Scan# 1022

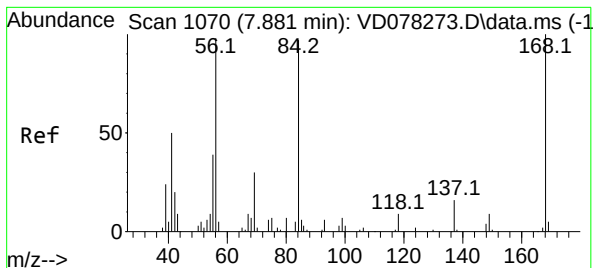
Delta R.T. -0.006 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Tgt Ion:	83	Resp:	68379
Ion	Ratio	Lower	Upper
83	100		
85	58.2	53.4	80.2





#31

Cyclohexane

Concen: 20.788 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 57229

Ion Ratio Lower Upper

56 100

69 34.5 28.6 43.0

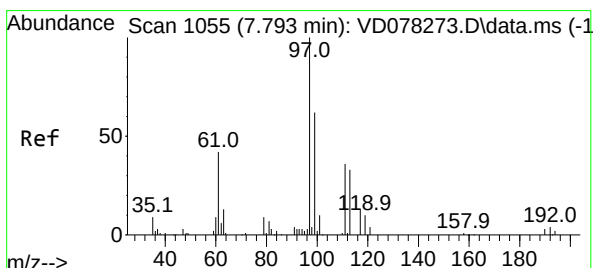
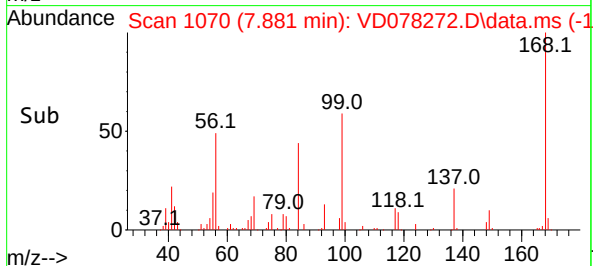
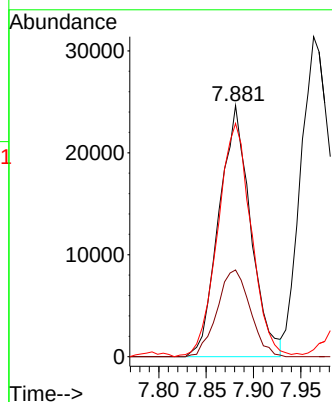
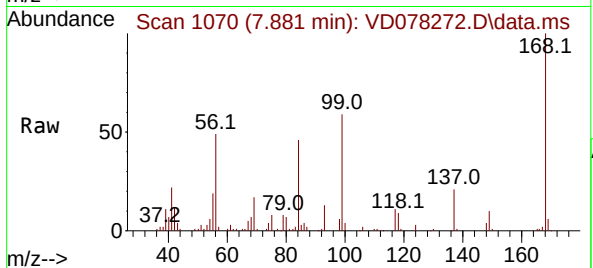
84 92.2 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#32

1,1,1-Trichloroethane

Concen: 20.190 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

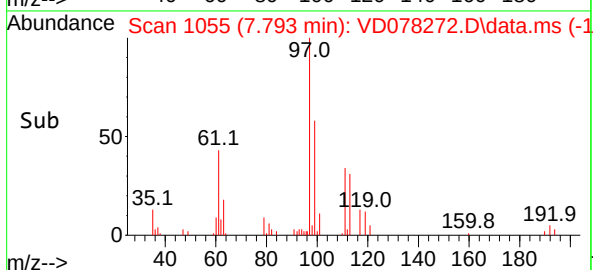
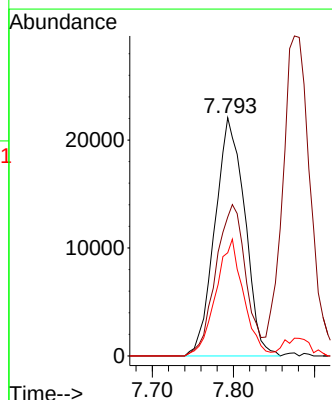
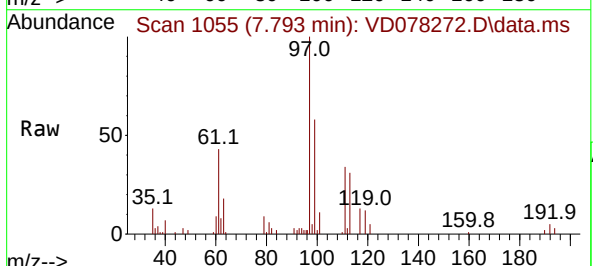
Tgt Ion: 97 Resp: 56443

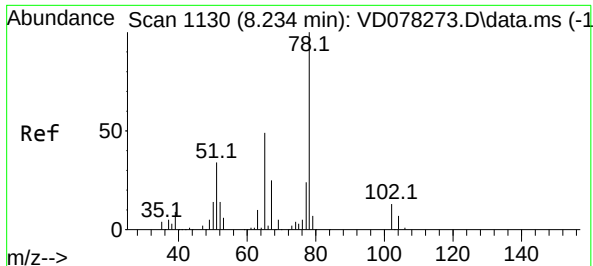
Ion Ratio Lower Upper

97 100

99 63.6 52.0 78.0

61 45.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 18.971 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2788

Ion Ratio Lower Upper

65 100

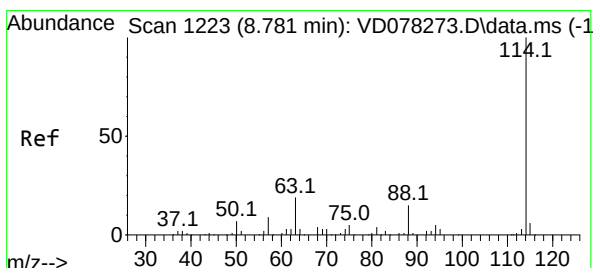
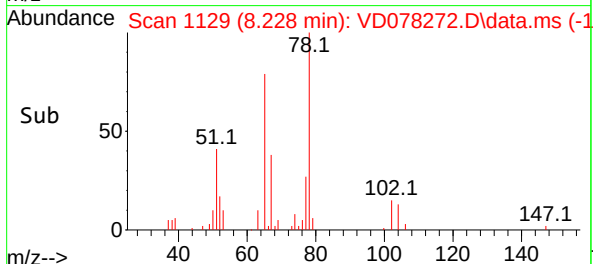
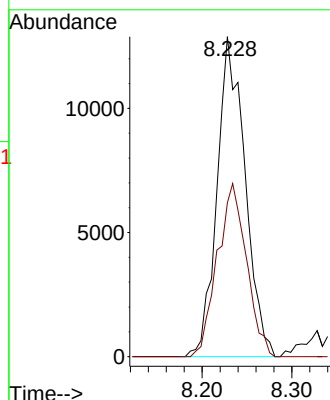
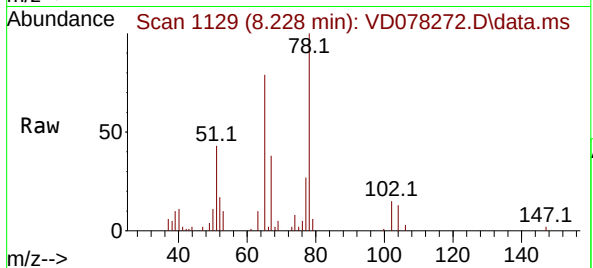
67 56.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

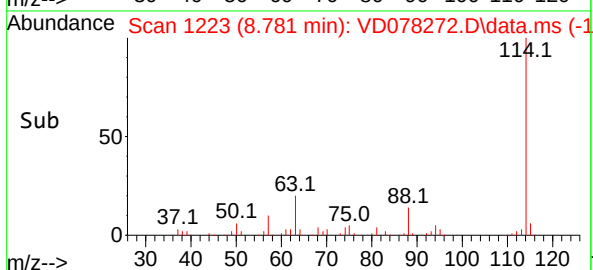
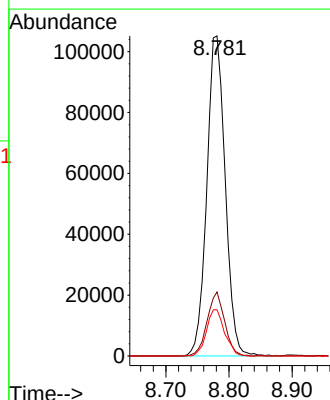
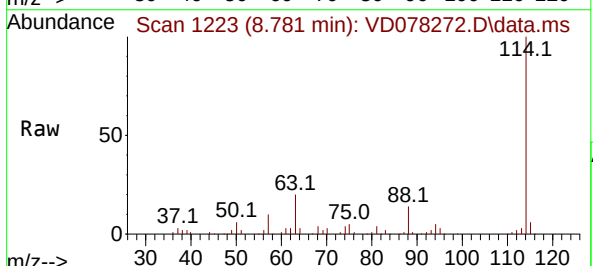
Tgt Ion:114 Resp: 212923

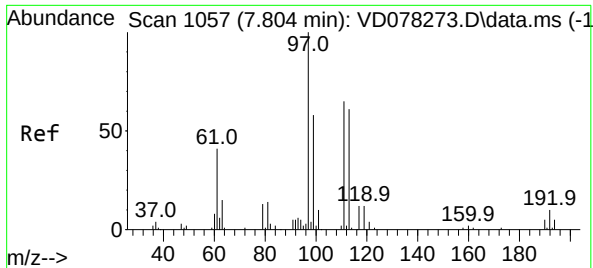
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

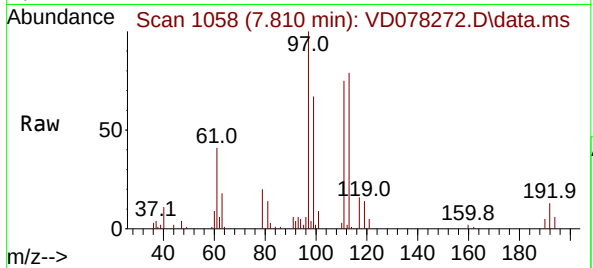
88 14.4 0.0 26.2





#35
Dibromofluoromethane
Concen: 18.775 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

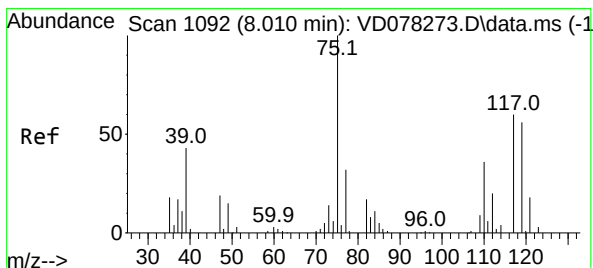
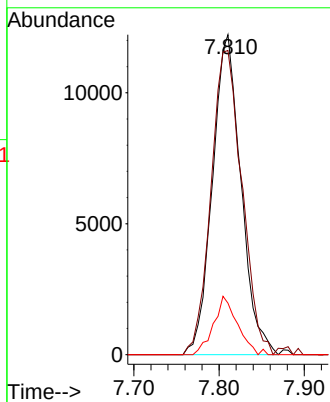
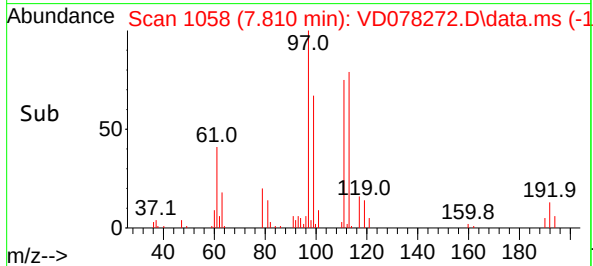
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 28460
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 15.3 16.8 25.2

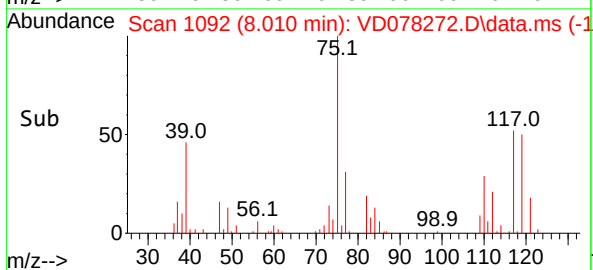
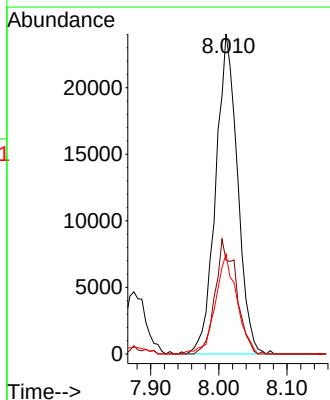
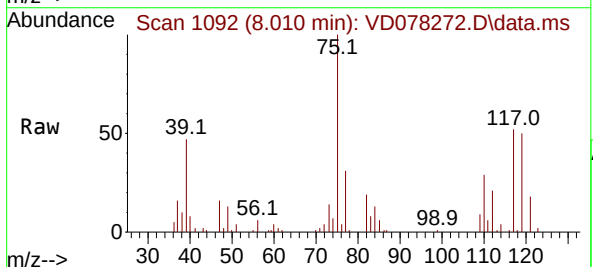
Manual Integrations
APPROVED

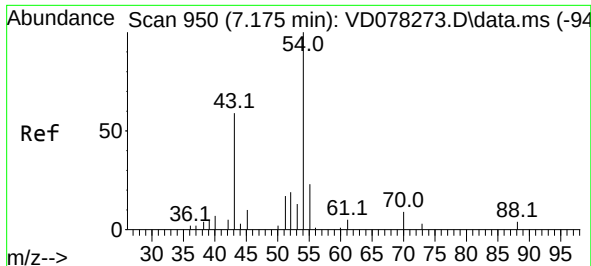
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#36
1,1-Dichloropropene
Concen: 21.307 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 75 Resp: 53559
Ion Ratio Lower Upper
75 100
110 34.6 19.9 59.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 21.496 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

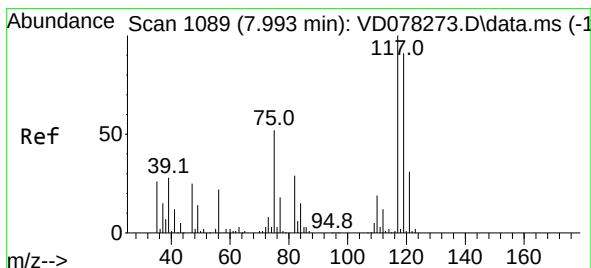
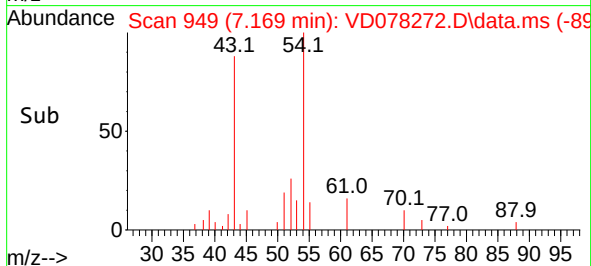
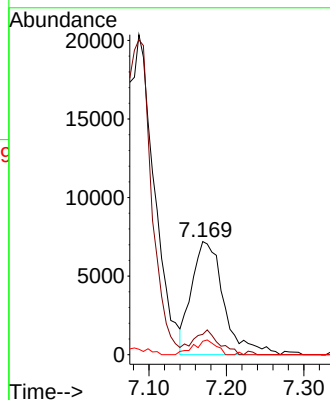
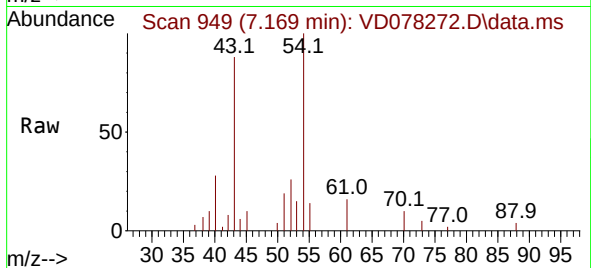
Tgt Ion: 43 Resp: 2079

Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.9	22.3
70	9.0	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#38

Carbon Tetrachloride

Concen: 20.598 ug/l

RT: 7.999 min Scan# 1090

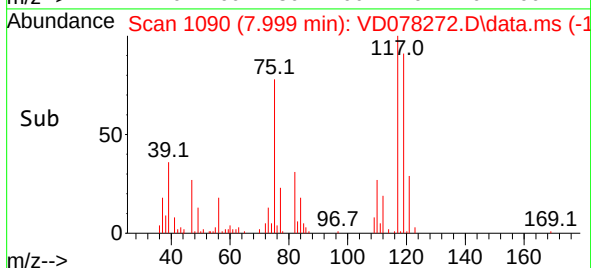
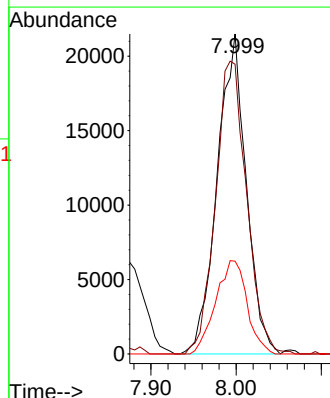
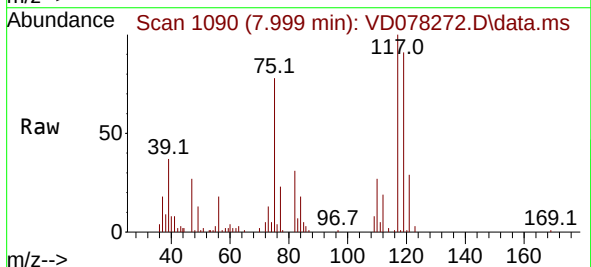
Delta R.T. 0.006 min

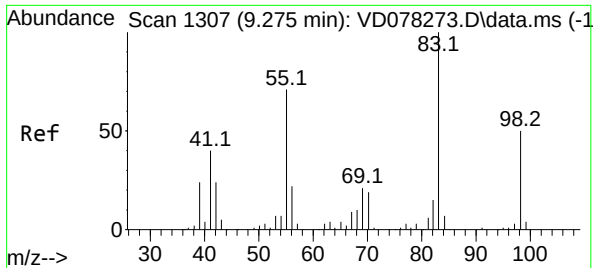
Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Tgt Ion:117 Resp: 50910

Ion	Ratio	Lower	Upper
117	100		
119	90.5	78.0	117.0
121	29.0	24.2	36.2





#39

Methylcyclohexane

Concen: 20.501 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

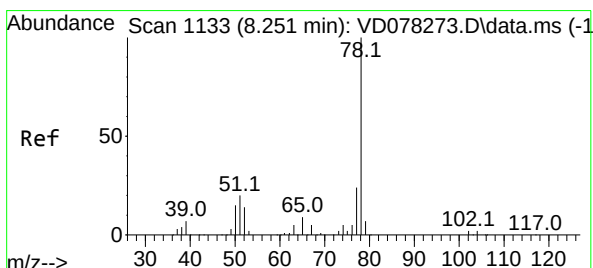
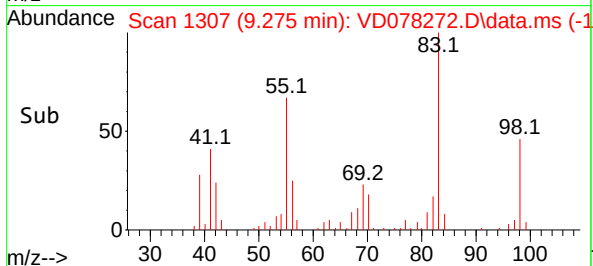
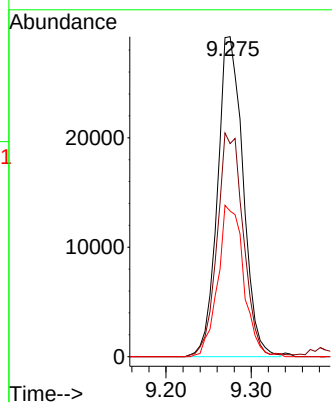
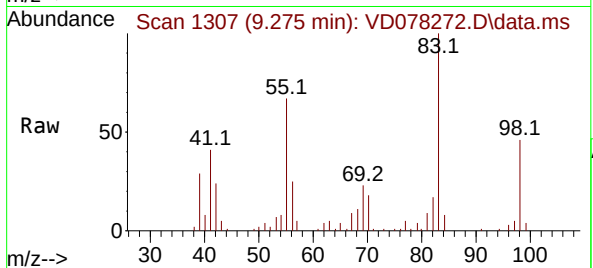
VSTDICC020

Tgt Ion: 83	Resp: 60928
Ion Ratio	Lower Upper
83	100
55	66.6 49.4 74.0
98	45.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#40

Benzene

Concen: 20.932 ug/l

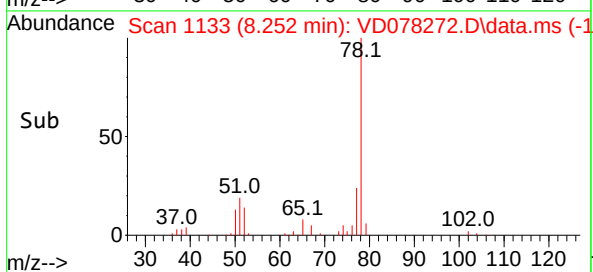
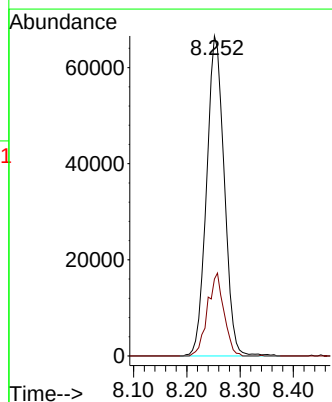
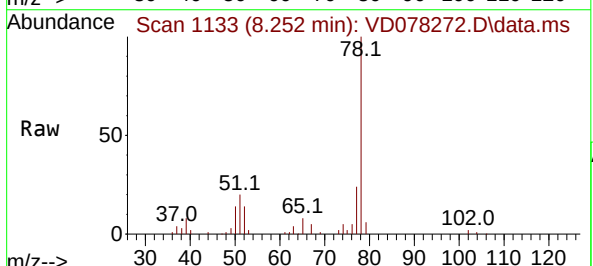
RT: 8.252 min Scan# 1133

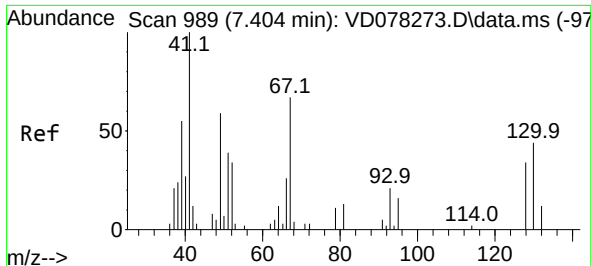
Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Tgt Ion: 78	Resp: 153527
Ion Ratio	Lower Upper
78	100
77	24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 22.298 ug/l
RT: 7.411 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

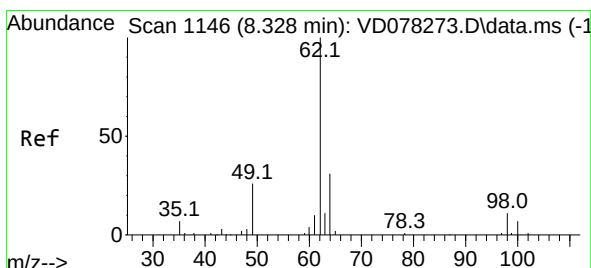
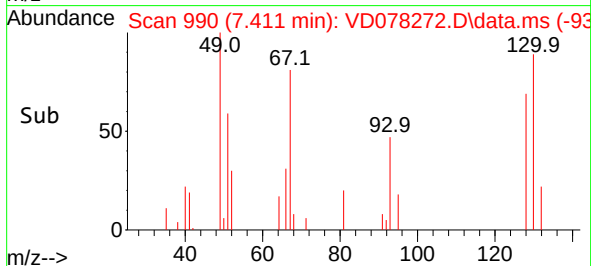
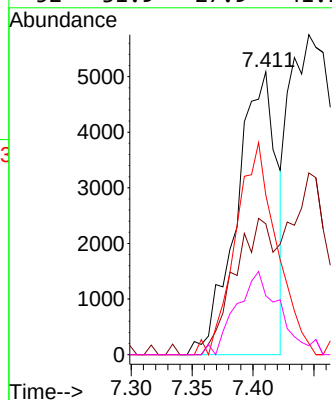
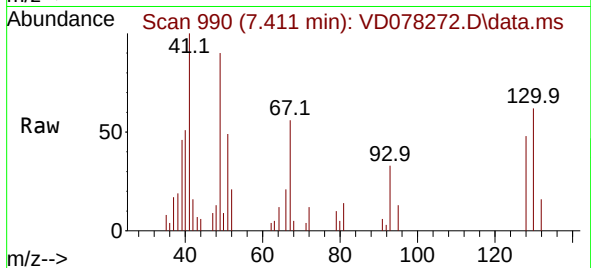
VSTDICC020

Tgt Ion: 41 Resp: 1159
Ion Ratio Lower Upper
41 100
39 45.5 34.0 51.0
67 76.8 77.0 115.4
52 31.9 27.9 41.9

Manual Integrations

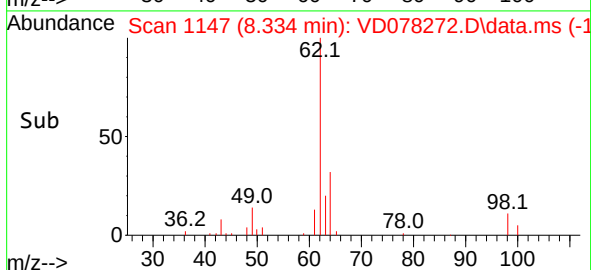
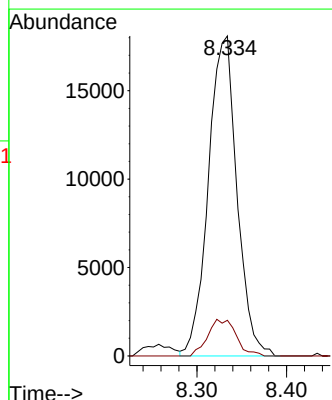
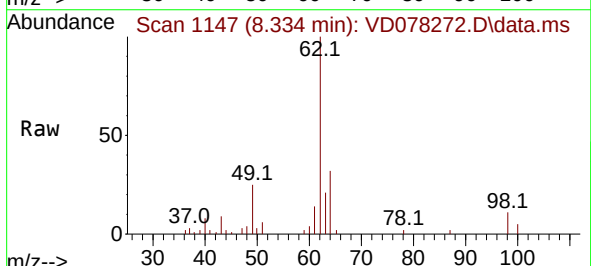
APPROVED

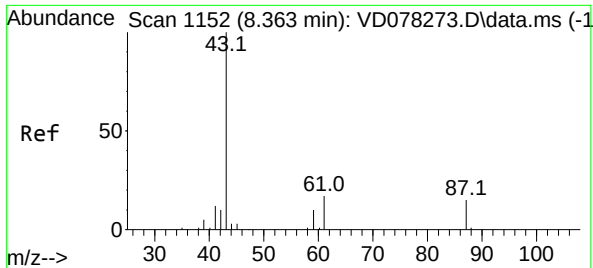
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#42
1,2-Dichloroethane
Concen: 21.064 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 62 Resp: 40069
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4





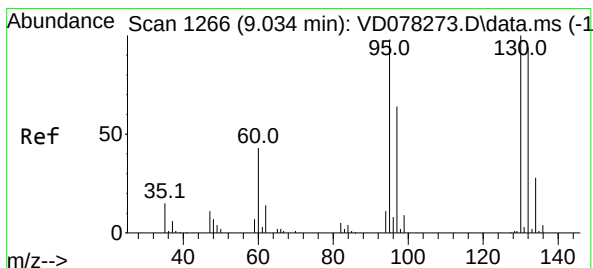
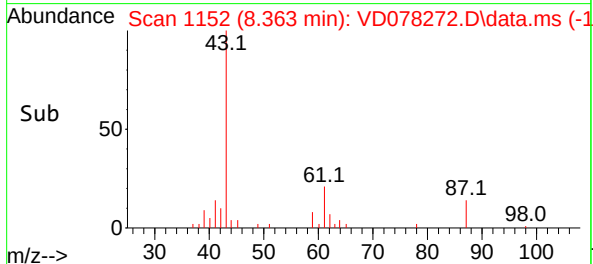
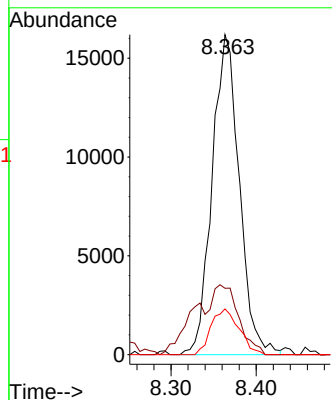
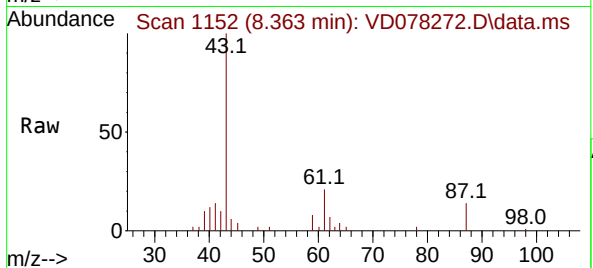
#43
Isopropyl Acetate
Concen: 20.677 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 3586
Ion Ratio Lower Upper
43 100
61 22.1 31.4 47.0
87 14.7 14.9 22.3

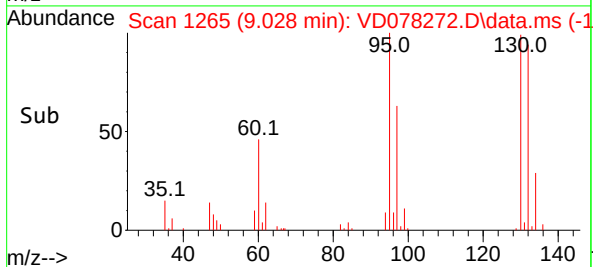
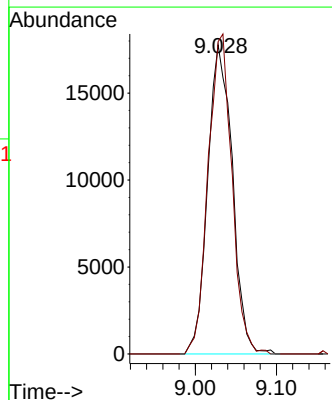
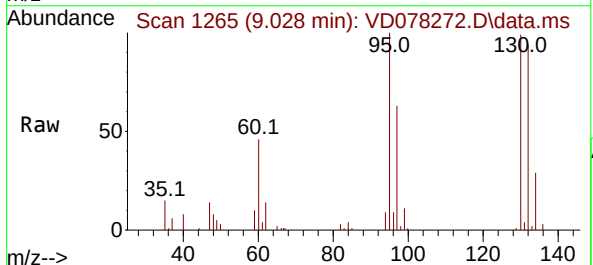
Manual Integrations
APPROVED

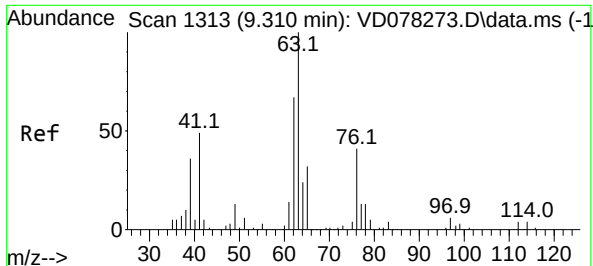
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#44
Trichloroethene
Concen: 20.869 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:130 Resp: 37585
Ion Ratio Lower Upper
130 100
95 101.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.020 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3948

Ion Ratio Lower Upper

63 100

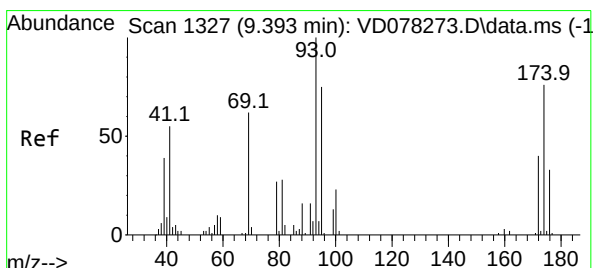
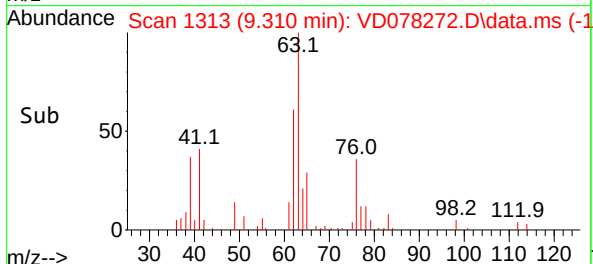
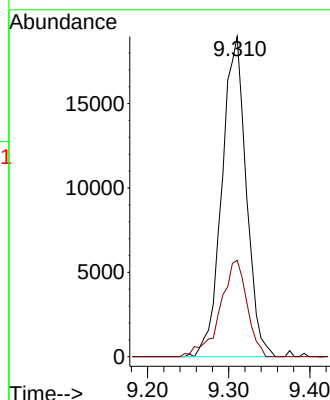
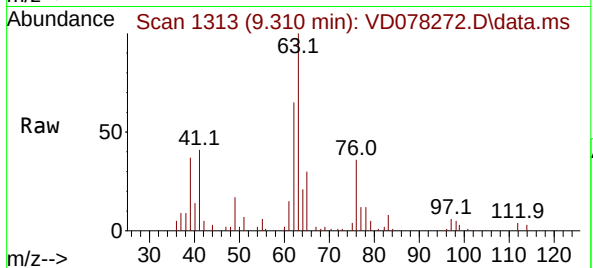
65 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#46

Dibromomethane

Concen: 20.601 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

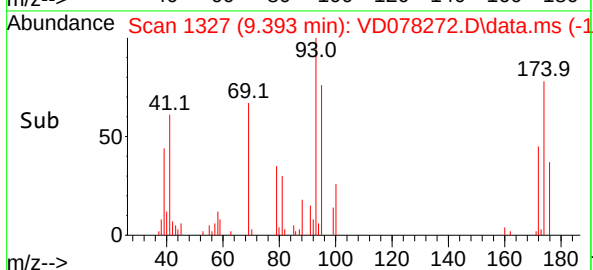
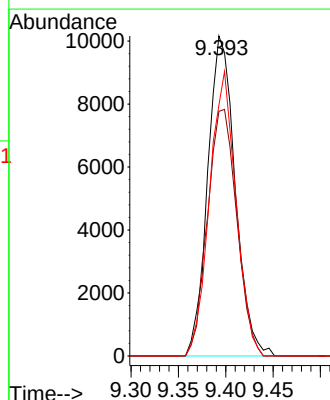
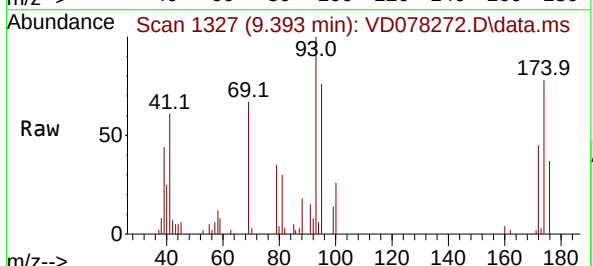
Tgt Ion: 93 Resp: 20497

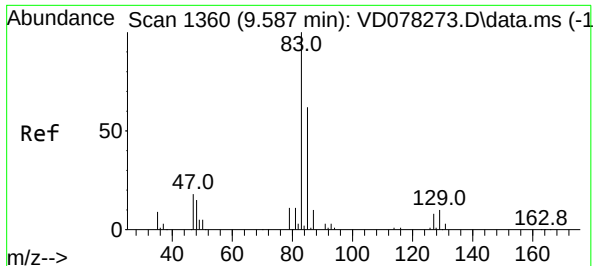
Ion Ratio Lower Upper

93 100

95 82.1 67.7 101.5

174 85.7 85.4 128.2





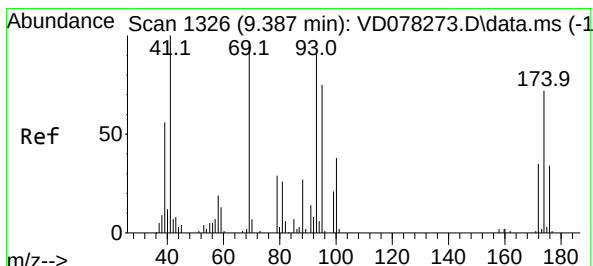
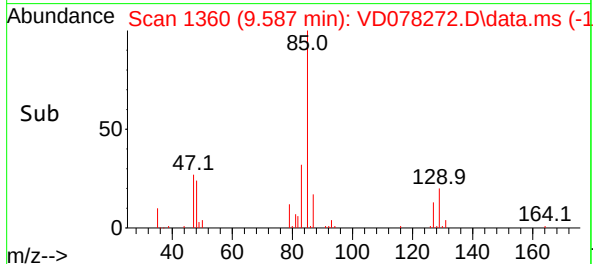
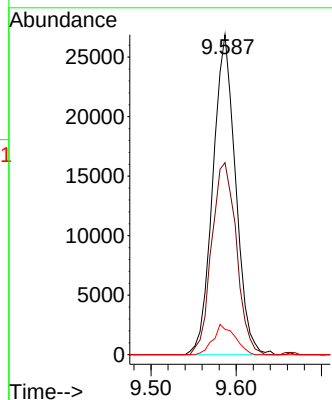
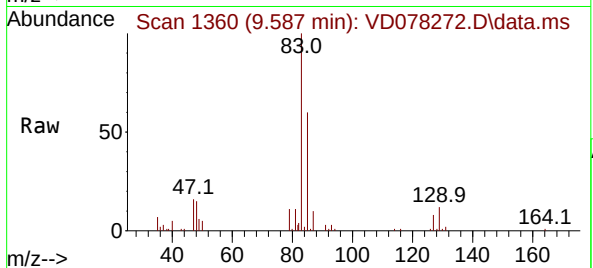
#47
Bromodichloromethane
Concen: 20.357 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 49834
Ion Ratio Lower Upper
83 100
85 60.0 50.2 75.4
127 7.9 6.3 9.5

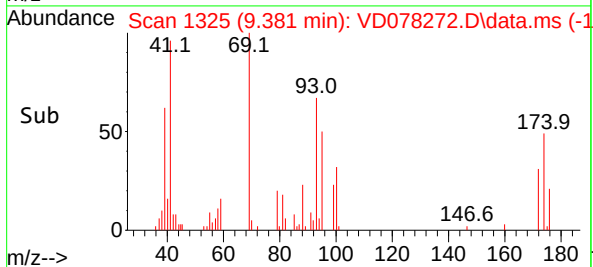
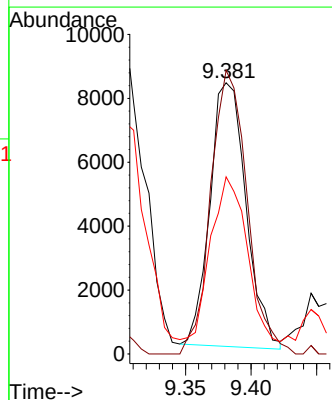
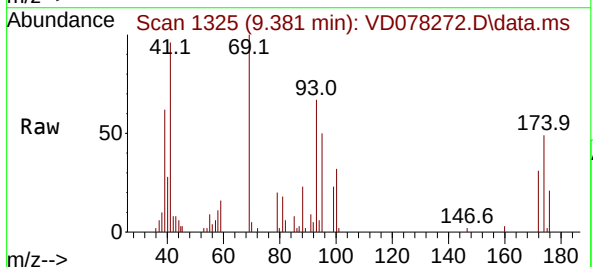
Manual Integrations
APPROVED

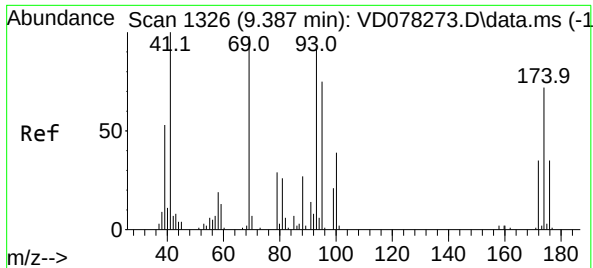
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#48
Methyl methacrylate
Concen: 19.087 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 41 Resp: 15821
Ion Ratio Lower Upper
41 100
69 108.2 102.2 153.2
39 62.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 433.200 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 483

Ion Ratio Lower Upper

88 100

43 26.6 19.0 28.6

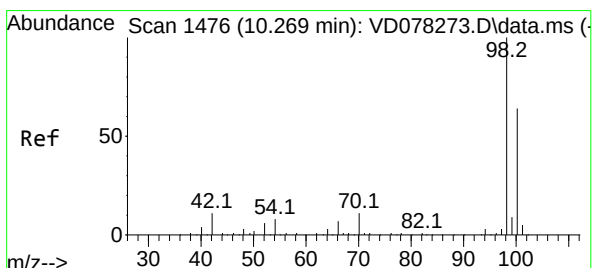
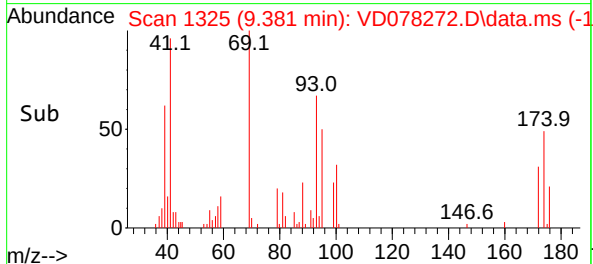
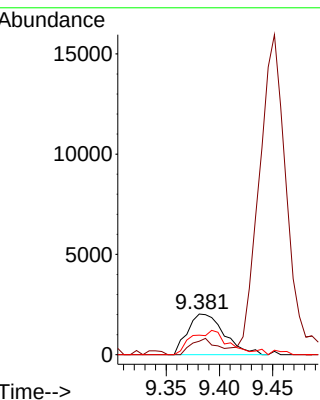
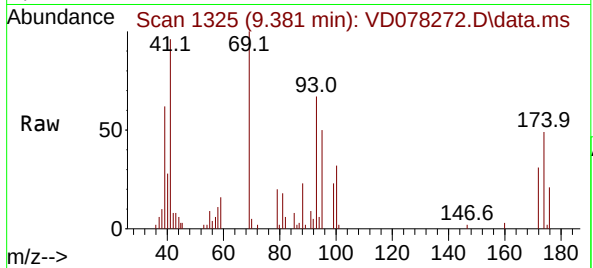
58 62.0 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#50

Toluene-d8

Concen: 18.504 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078272.D

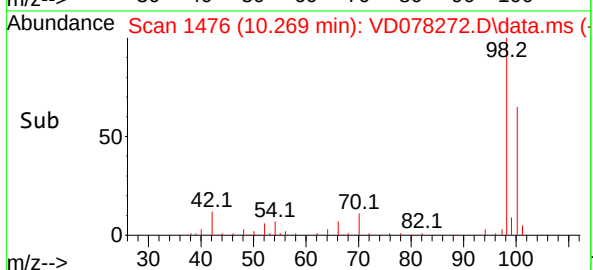
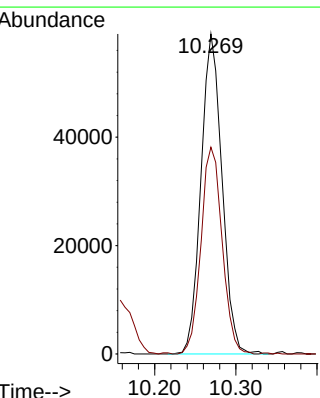
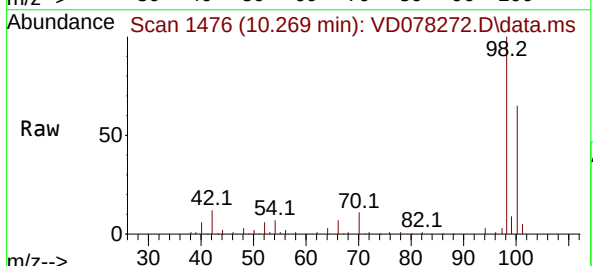
Acq: 30 Jan 2024 11:11

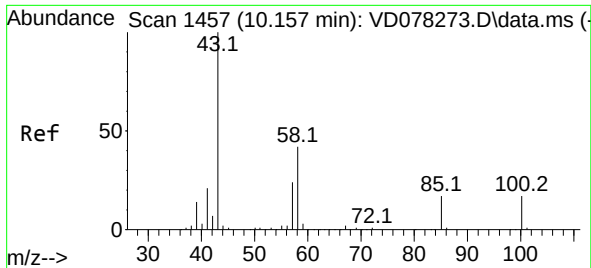
Tgt Ion: 98 Resp: 106194

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5





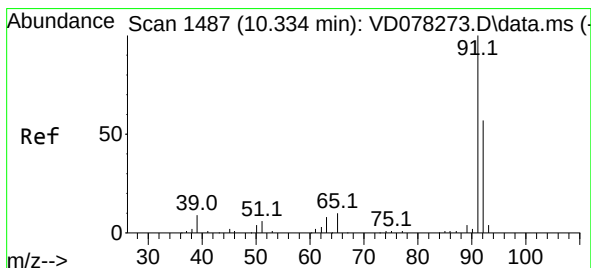
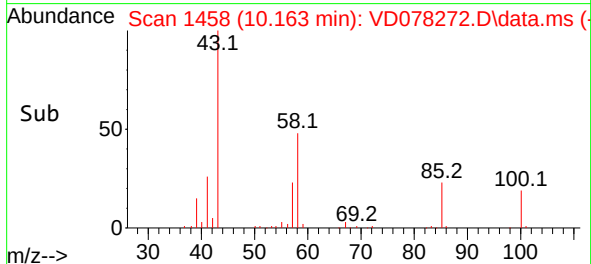
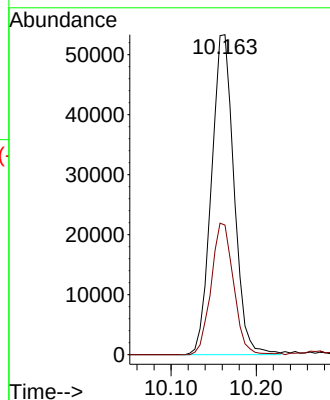
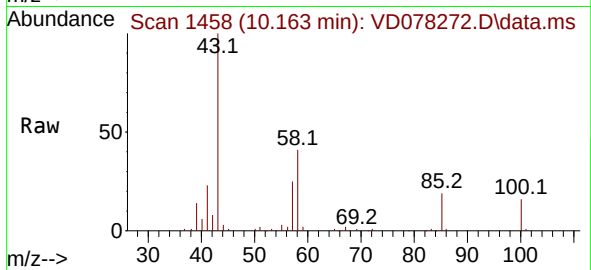
#51
4-Methyl-2-Pentanone
Concen: 104.866 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 98404
Ion Ratio Lower Upper
43 100
58 40.8 38.9 58.3

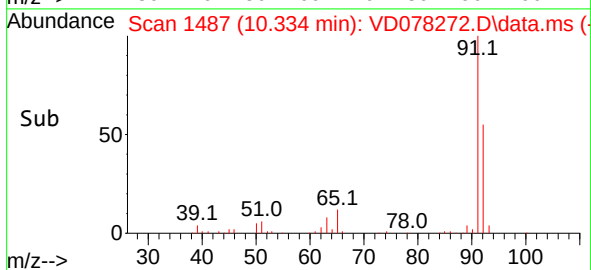
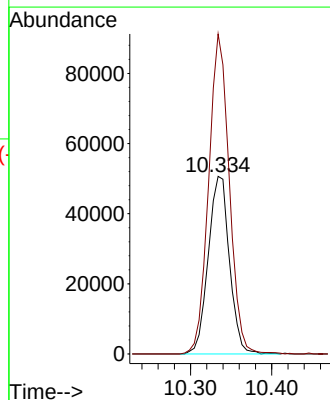
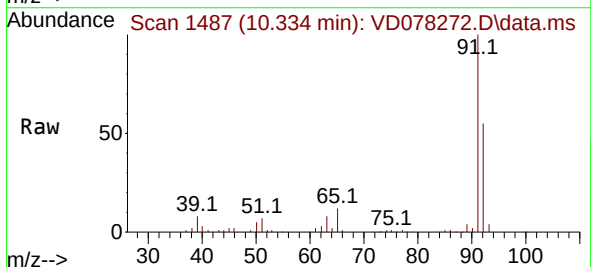
Manual Integrations
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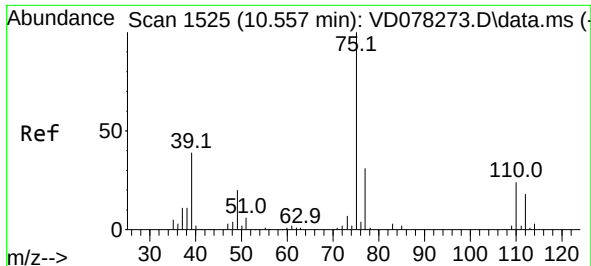
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#52
Toluene
Concen: 20.626 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

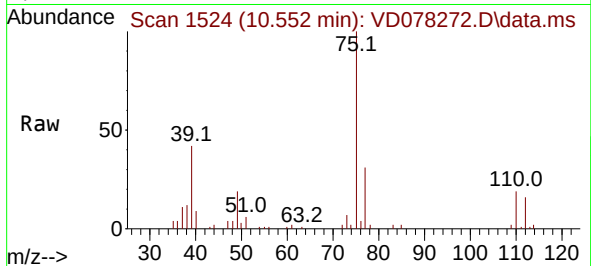
Tgt Ion: 92 Resp: 91760
Ion Ratio Lower Upper
92 100
91 175.6 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 20.191 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078272.D
 Acq: 30 Jan 2024 11:11

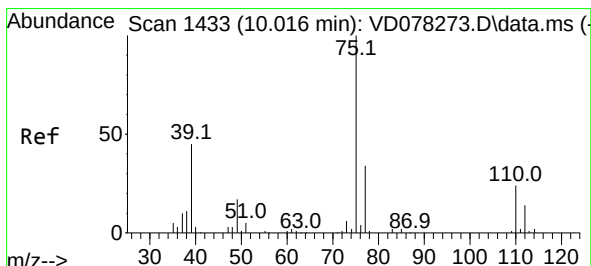
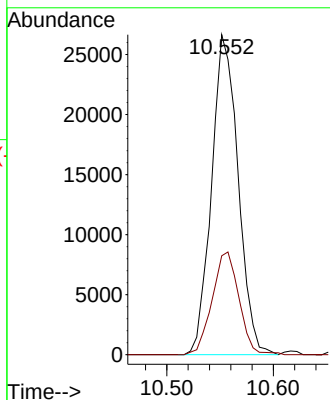
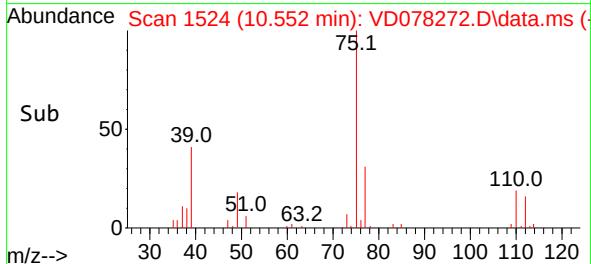
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 46168
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9

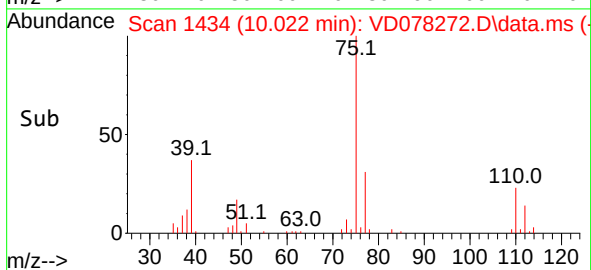
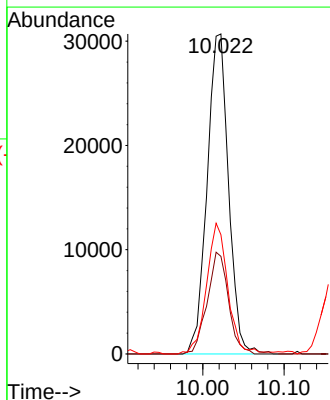
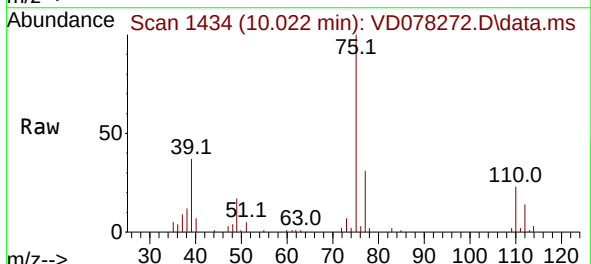
Manual Integrations
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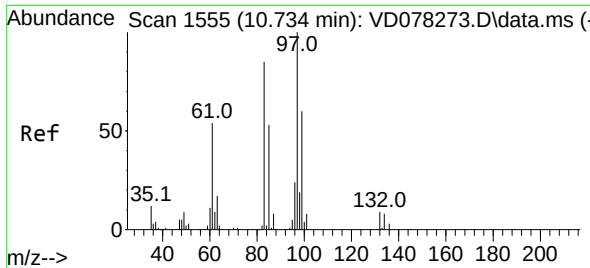
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.778 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078272.D
 Acq: 30 Jan 2024 11:11

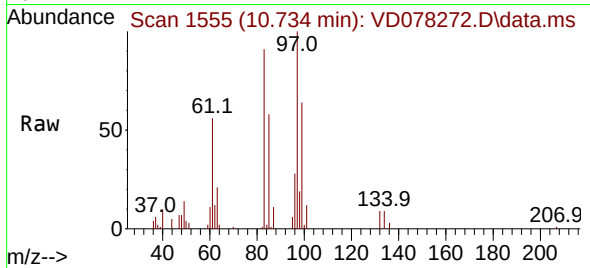
Tgt Ion: 75 Resp: 56244
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.5 38.3
 39 37.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 21.449 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

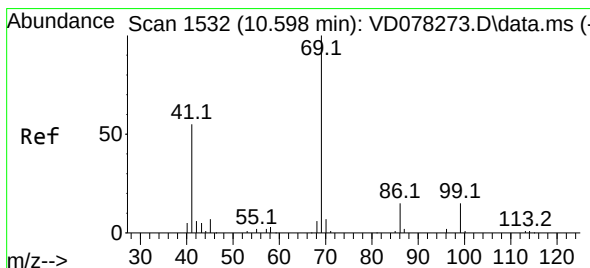
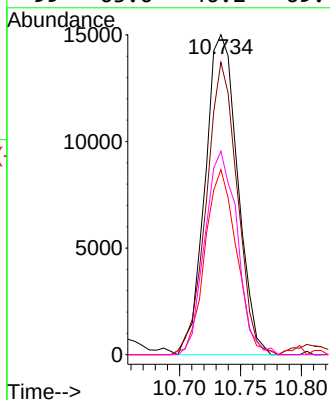
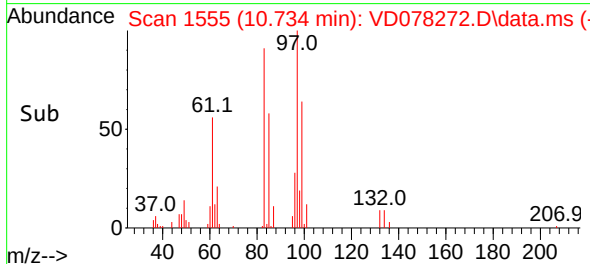
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	27849
Ion Ratio	100	Lower	Upper
97	100		
83	91.3	65.8	98.6
85	57.9	45.7	68.5
99	63.6	46.2	69.4

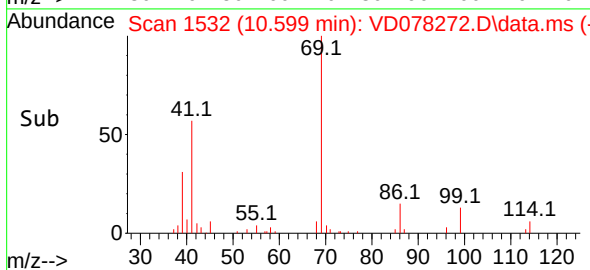
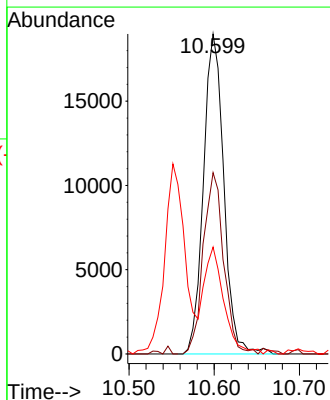
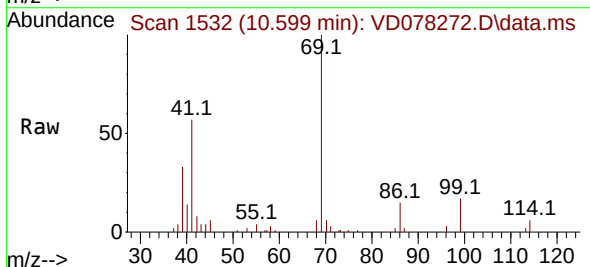
Manual Integrations
APPROVED

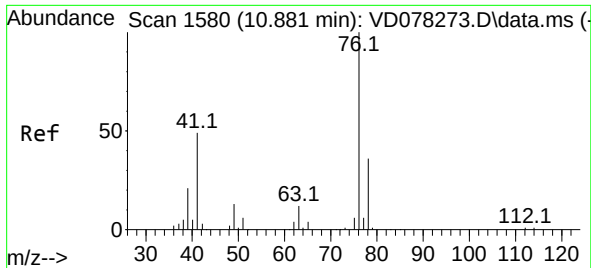
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#56
Ethyl methacrylate
Concen: 21.440 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:	69	Resp:	31574
Ion Ratio	100	Lower	Upper
69	100		
41	57.0	39.1	58.7
39	32.2	20.0	30.0





#57

1,3-Dichloropropane

Concen: 21.116 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 47274

Ion Ratio Lower Upper

76 100

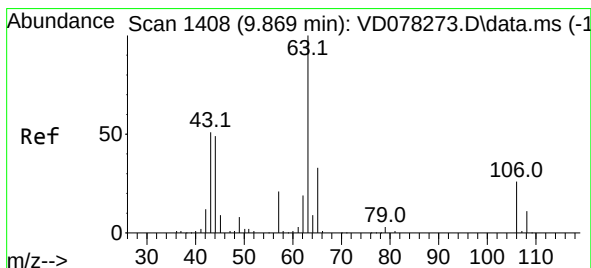
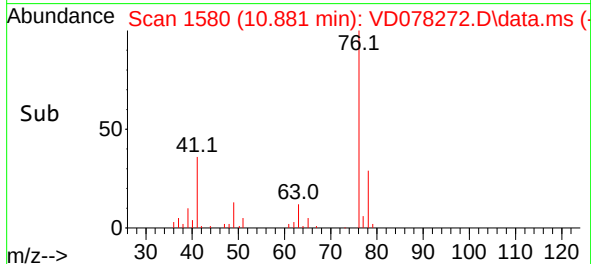
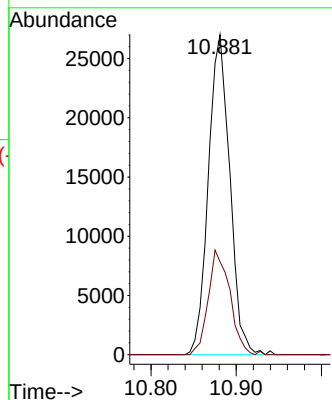
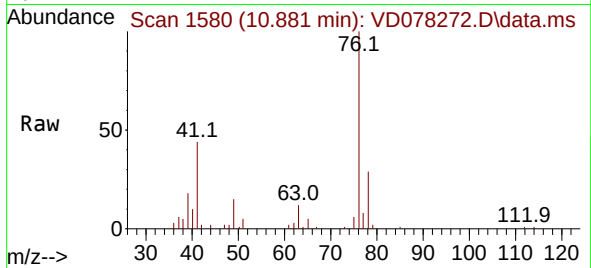
78 32.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 89.923 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078272.D

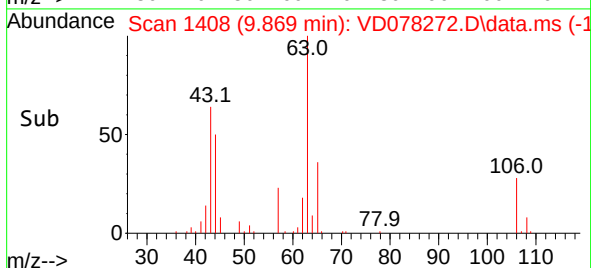
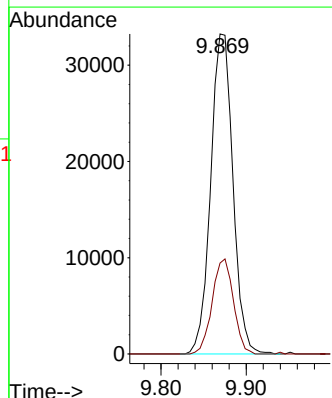
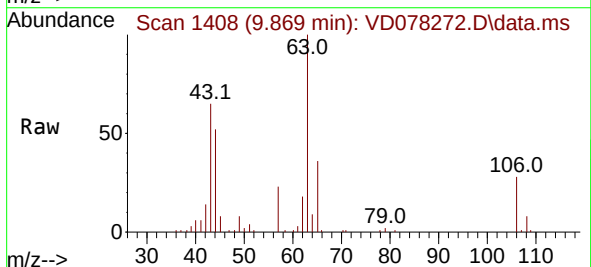
Acq: 30 Jan 2024 11:11

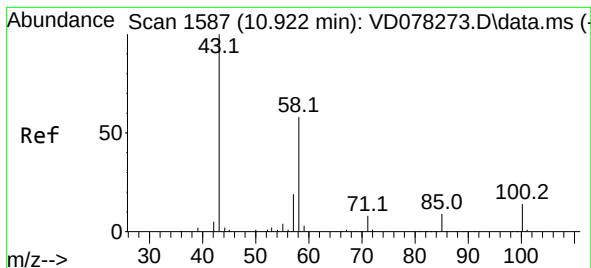
Tgt Ion: 63 Resp: 60224

Ion Ratio Lower Upper

63 100

106 28.4 25.3 37.9





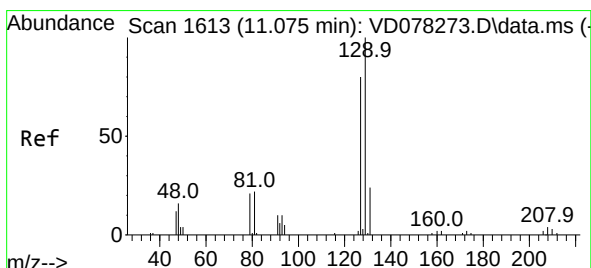
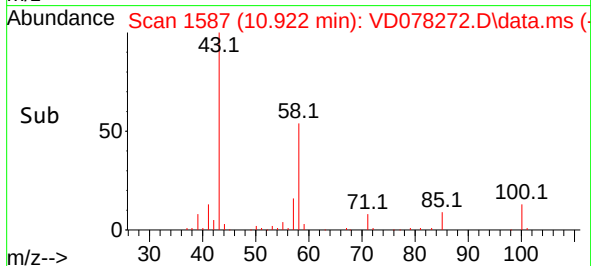
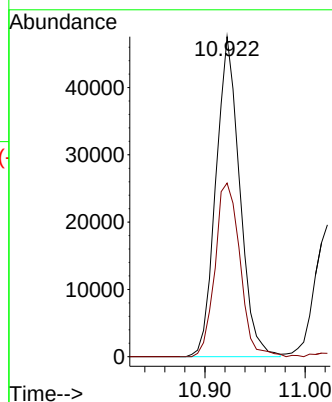
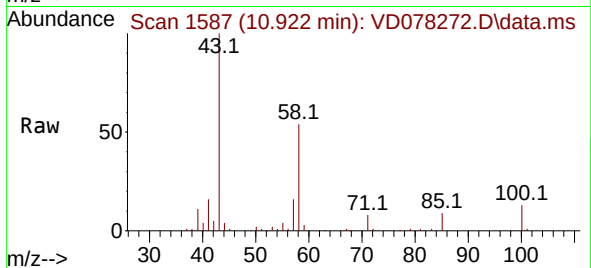
#59
2-Hexanone
Concen: 111.114 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 7852
Ion Ratio Lower Upper
43 100
58 56.8 34.1 102.2

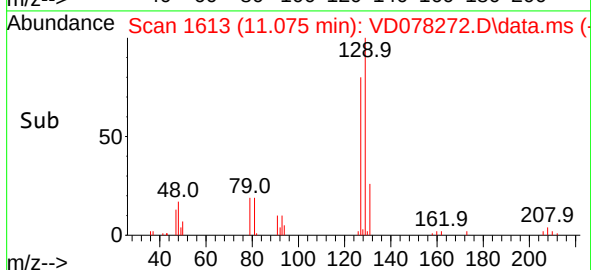
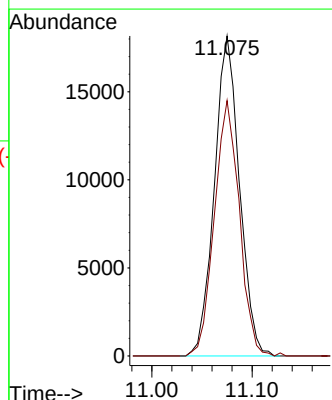
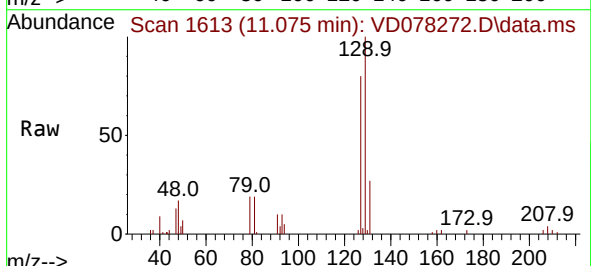
Manual Integrations
APPROVED

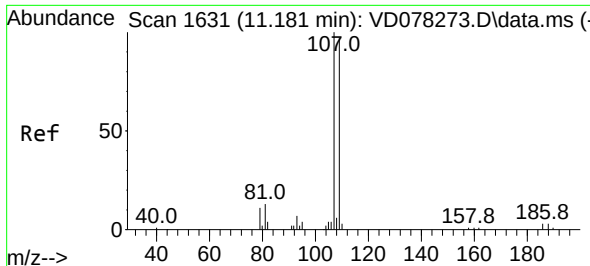
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#60
Dibromochloromethane
Concen: 20.985 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:129 Resp: 31629
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5





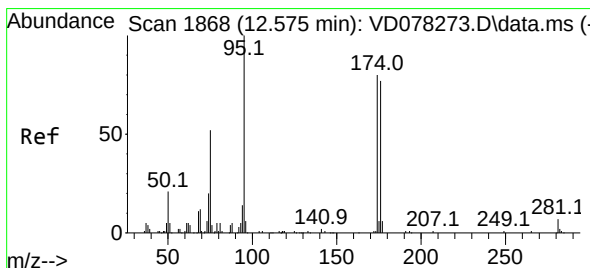
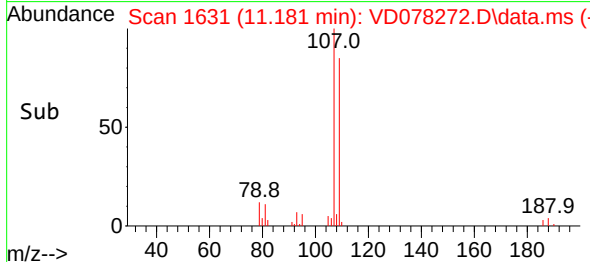
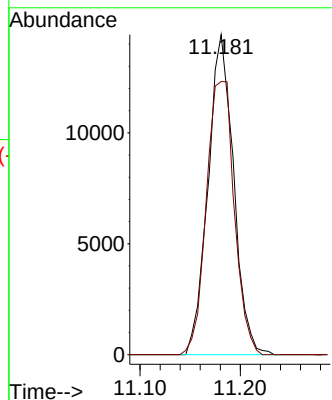
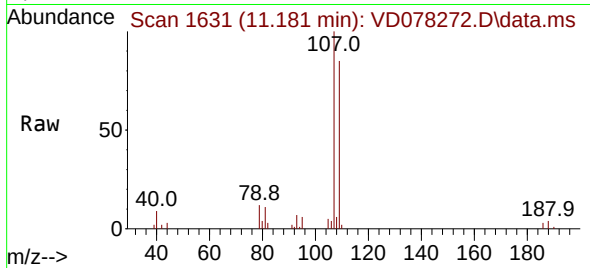
#61
1,2-Dibromoethane
Concen: 20.816 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 2551
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

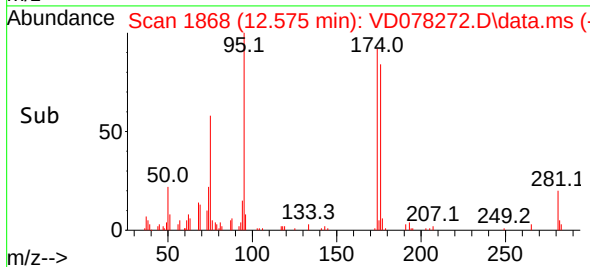
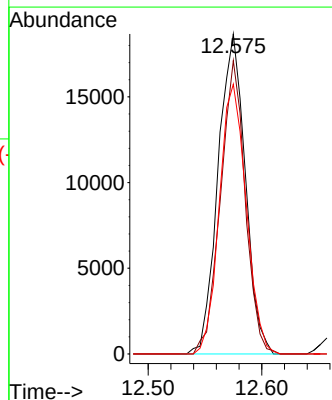
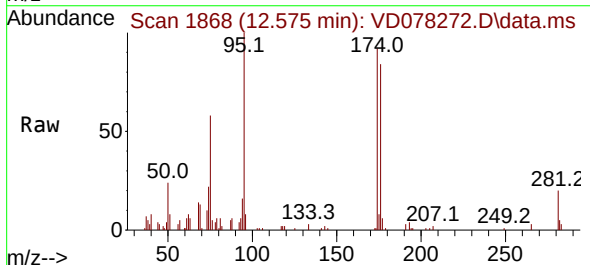
Manual Integrations
APPROVED

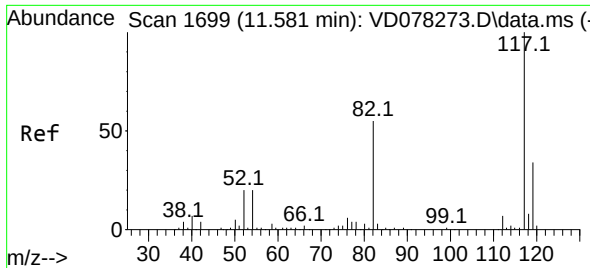
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#62
4-Bromofluorobenzene
Concen: 18.050 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

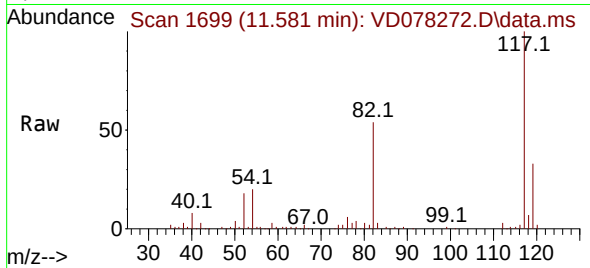
Tgt Ion: 95 Resp: 31023
Ion Ratio Lower Upper
95 100
174 83.3 0.0 201.8
176 83.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

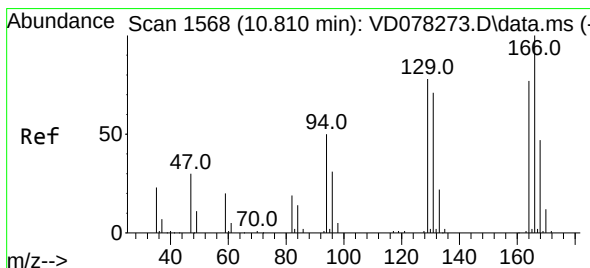
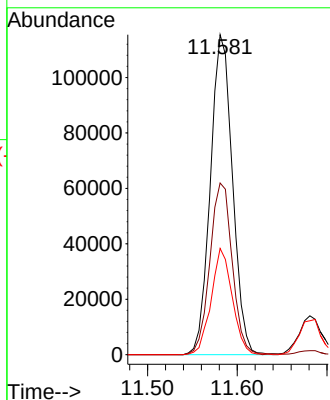
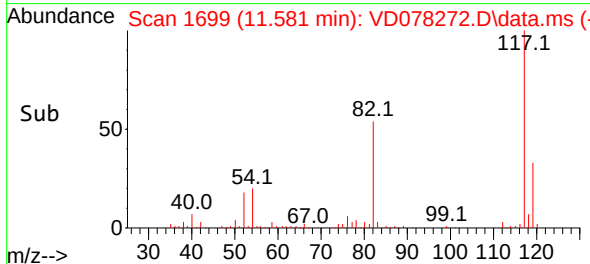
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



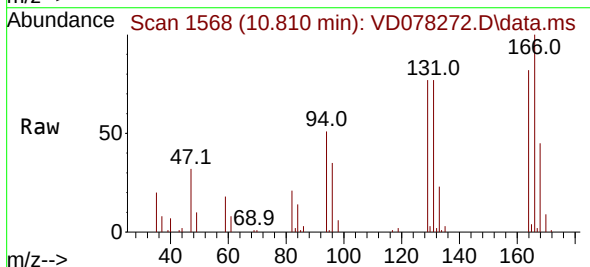
Tgt Ion:117 Resp: 197762
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 33.2 25.0 37.4

Manual Integrations
APPROVED

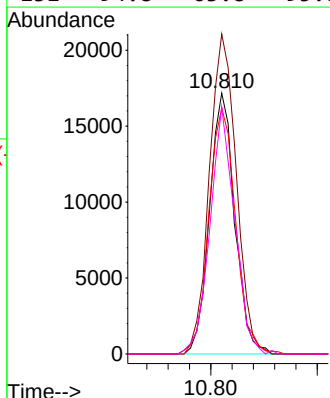
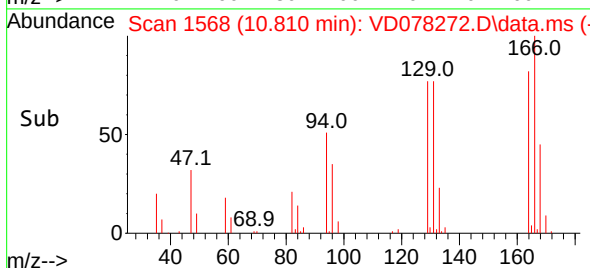
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

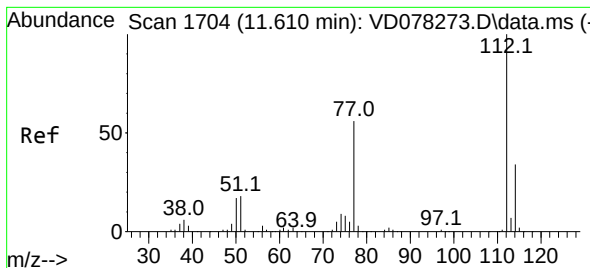


#64
Tetrachloroethene
Concen: 20.467 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11



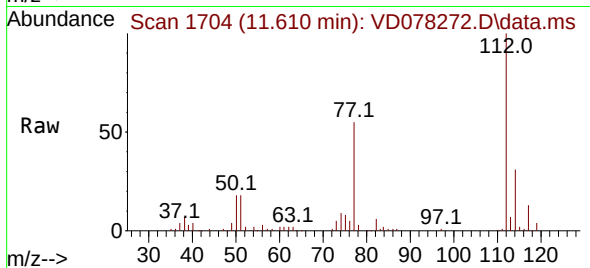
Tgt Ion:164 Resp: 28230
Ion Ratio Lower Upper
164 100
166 122.7 99.2 148.8
129 94.3 68.4 102.6
131 94.8 63.8 95.8





#65
Chlorobenzene
Concen: 20.406 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

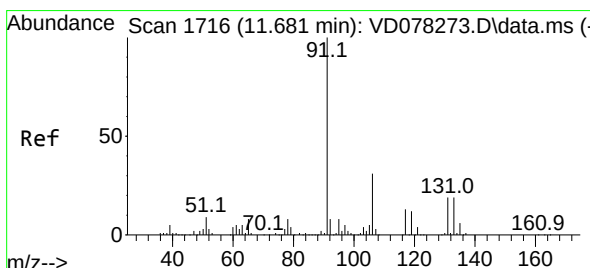
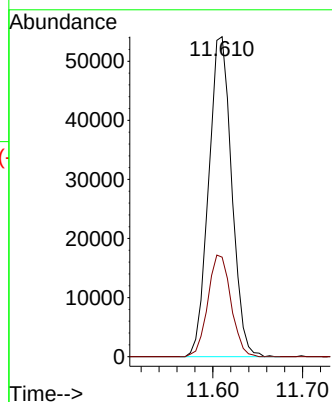
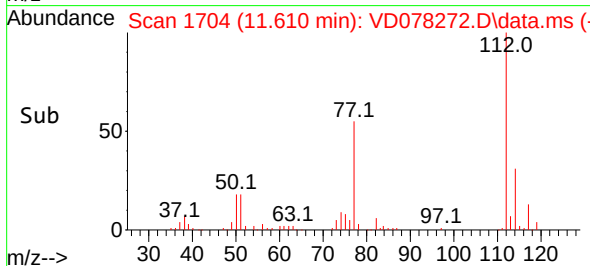
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



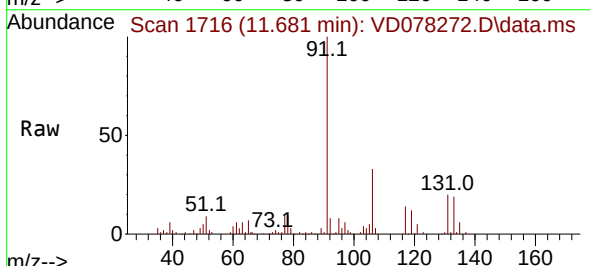
Tgt Ion:112 Resp: 96548
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7

Manual Integrations
APPROVED

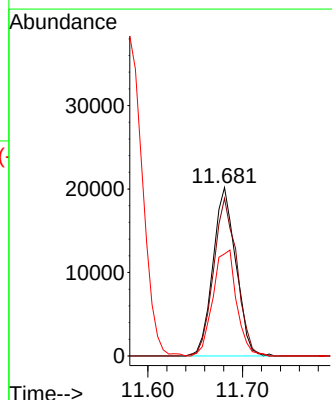
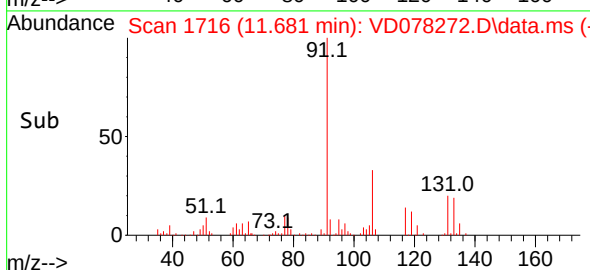
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

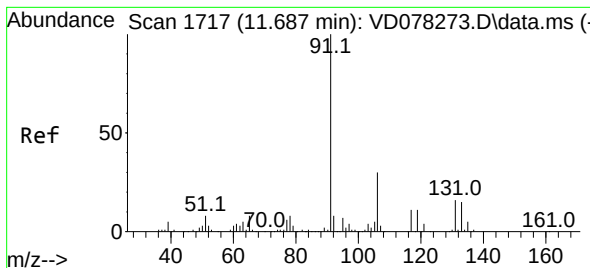


#66
1,1,1,2-Tetrachloroethane
Concen: 20.165 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11



Tgt Ion:131 Resp: 33969
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 64.9 35.6 106.9





#67

Ethyl Benzene

Concen: 20.402 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 17484

Ion Ratio Lower Upper

91 100

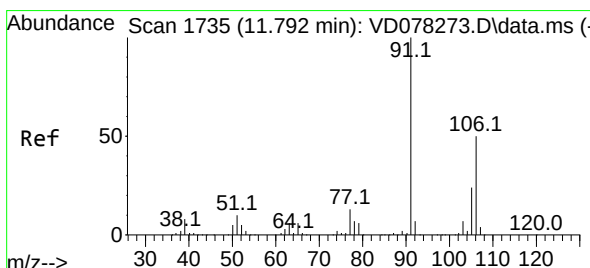
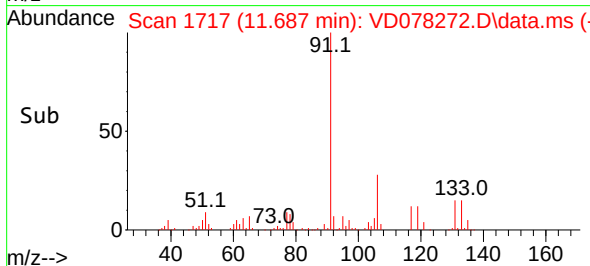
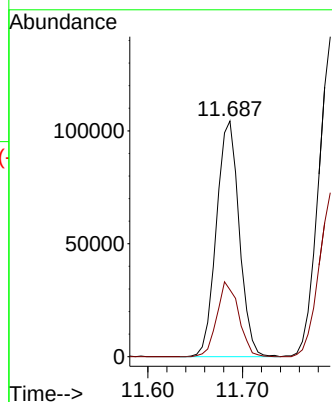
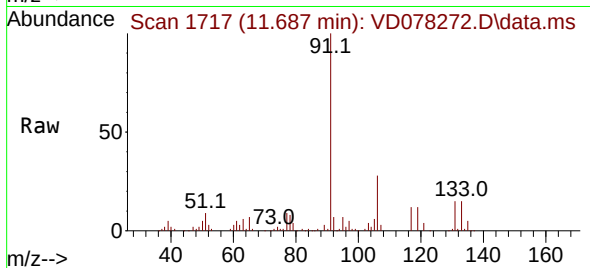
106 28.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#68

m/p-Xylenes

Concen: 40.943 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078272.D

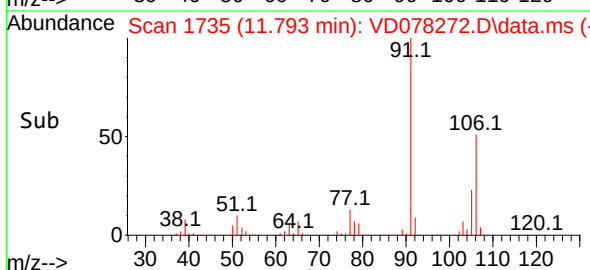
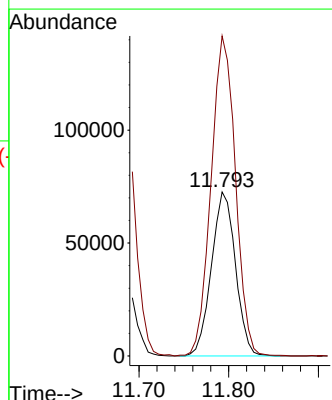
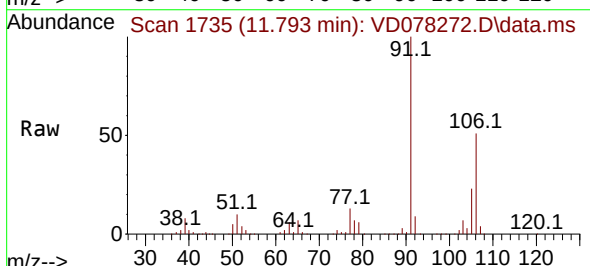
Acq: 30 Jan 2024 11:11

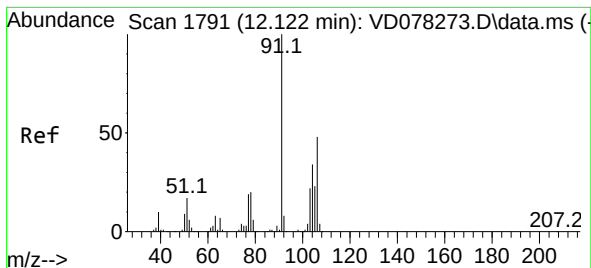
Tgt Ion:106 Resp: 134998

Ion Ratio Lower Upper

106 100

91 198.3 147.0 220.6





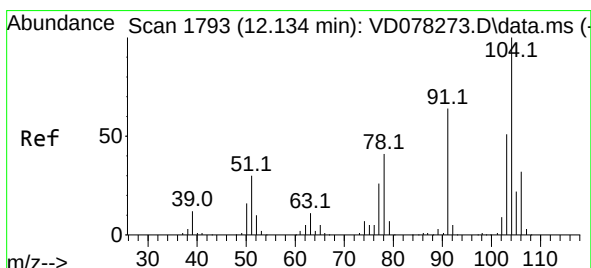
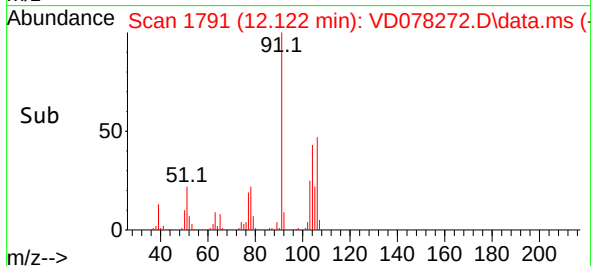
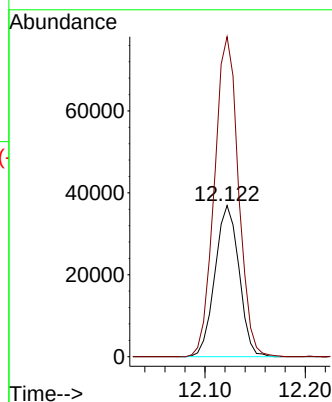
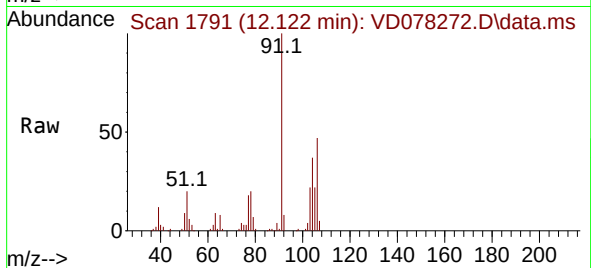
#69
o-Xylene
Concen: 20.297 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 61504
Ion Ratio Lower Upper
106 100
91 211.8 97.9 293.6

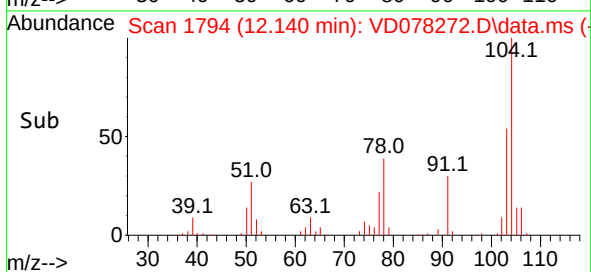
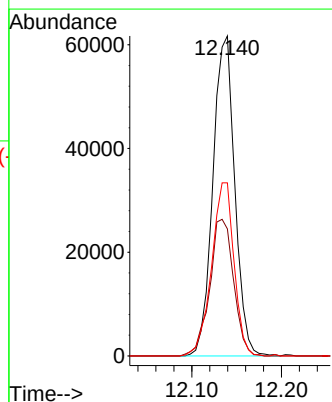
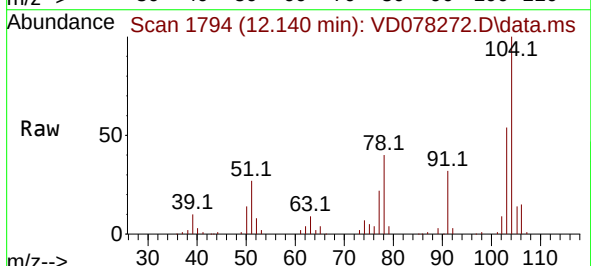
Manual Integrations
APPROVED

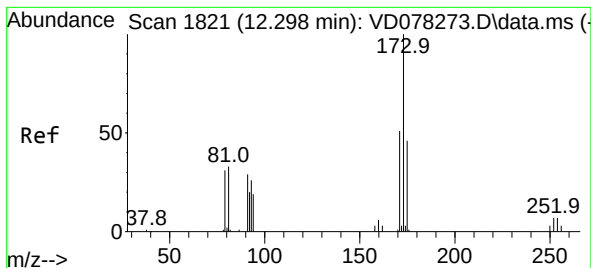
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#70
Styrene
Concen: 20.218 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:104 Resp: 104625
Ion Ratio Lower Upper
104 100
78 46.7 33.2 49.8
103 55.4 43.6 65.4





#71

Bromoform

Concen: 21.131 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

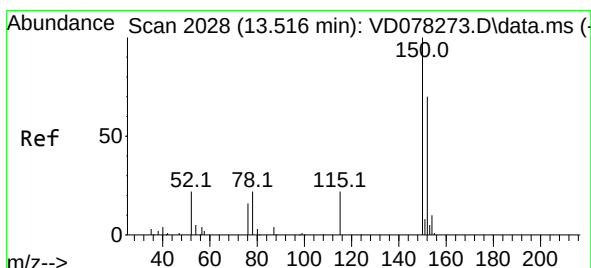
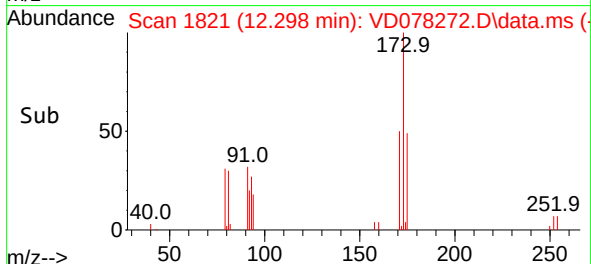
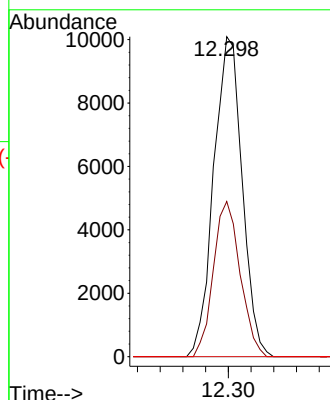
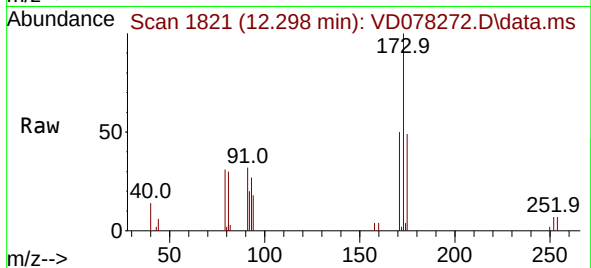
VSTDIC020

Tgt Ion:	173	Resp:	1753
Ion Ratio	Lower	Upper	
173	100		
175	45.7	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

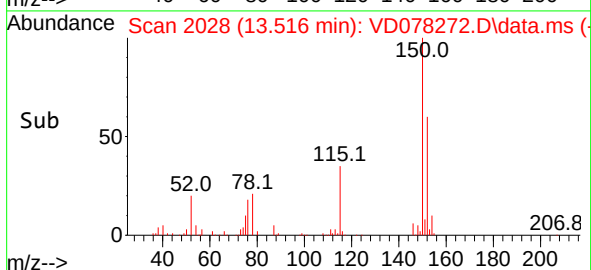
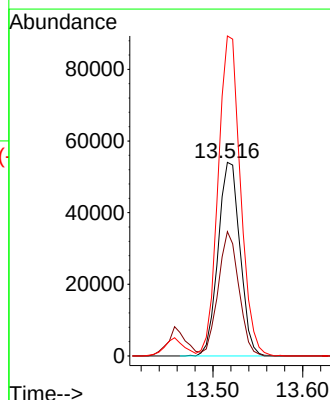
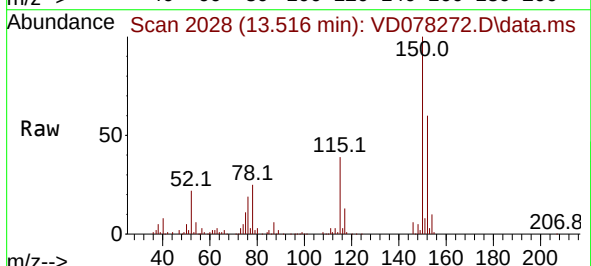
RT: 13.516 min Scan# 2028

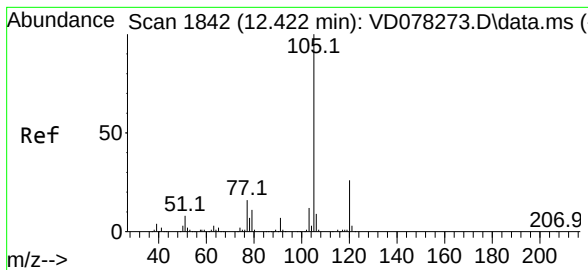
Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

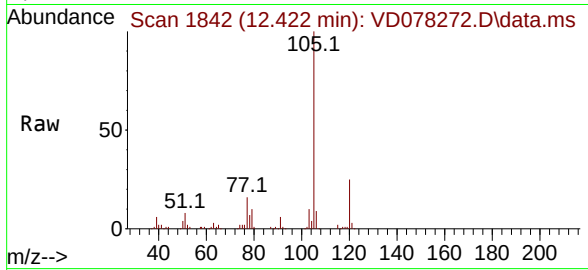
Tgt Ion:	152	Resp:	91531
Ion Ratio	Lower	Upper	
152	100		
115	60.7	27.1	81.3
150	168.4	0.0	353.6





#73
Isopropylbenzene
Concen: 20.993 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

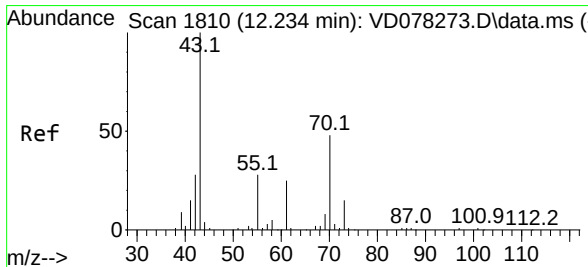
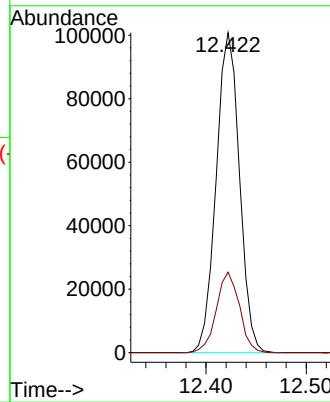
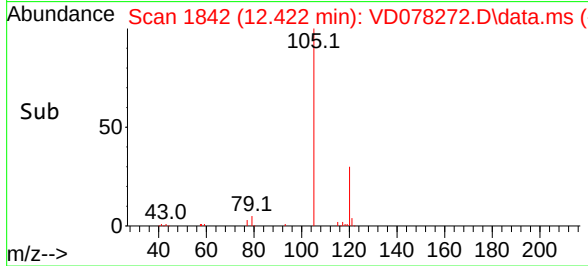
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 162578
Ion Ratio Lower Upper
105 100
120 24.9 14.3 42.9

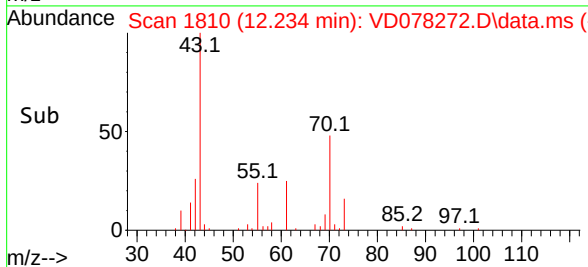
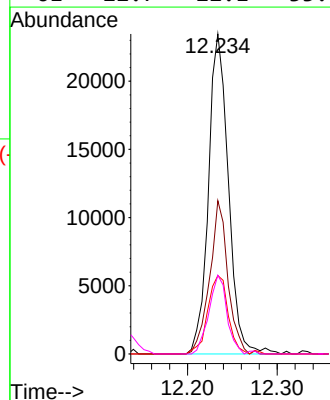
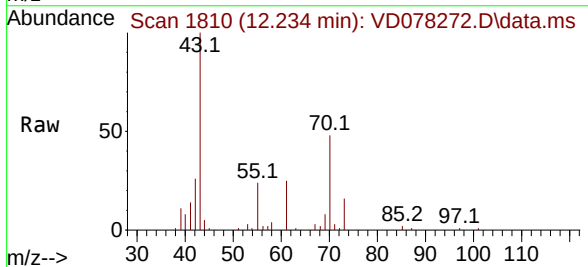
Manual Integrations
APPROVED

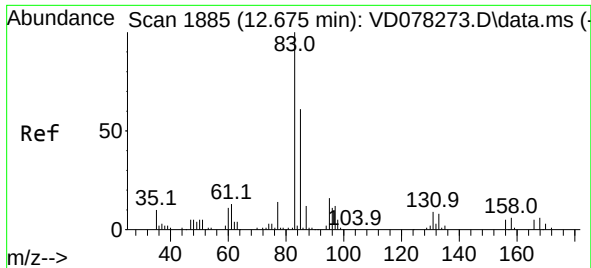
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#74
N-ethyl acetate
Concen: 22.617 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

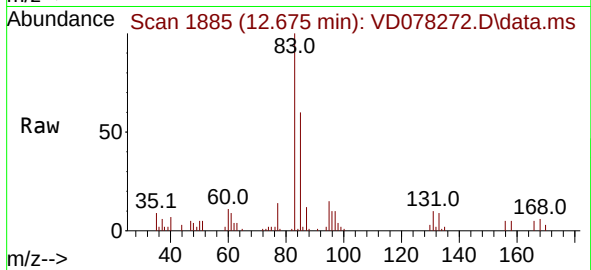
Tgt Ion: 43 Resp: 36226
Ion Ratio Lower Upper
43 100
70 43.9 45.0 67.4#
55 24.9 23.8 35.6
61 22.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 21.280 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

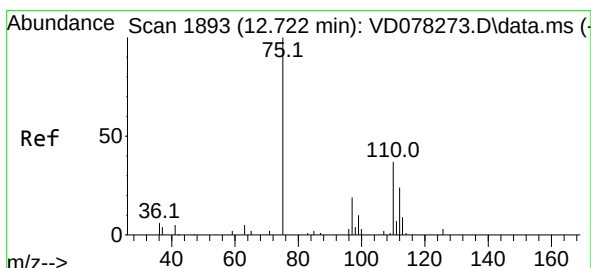
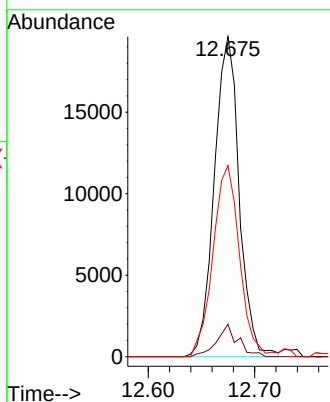
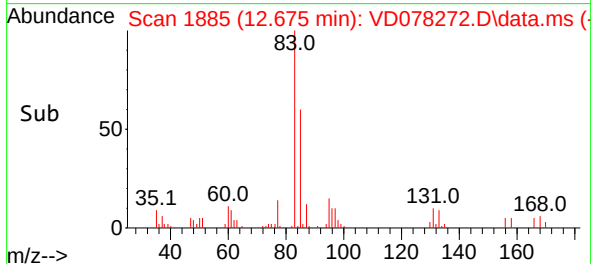
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 31820
Ion Ratio Lower Upper
83 100
131 8.7 5.1 15.3
85 63.8 32.6 97.8

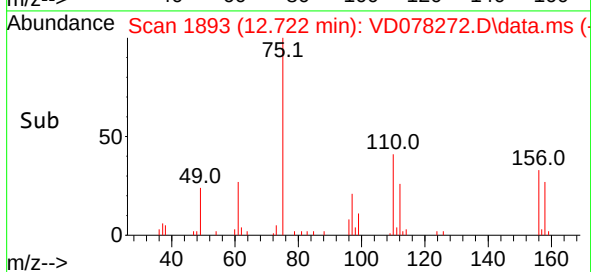
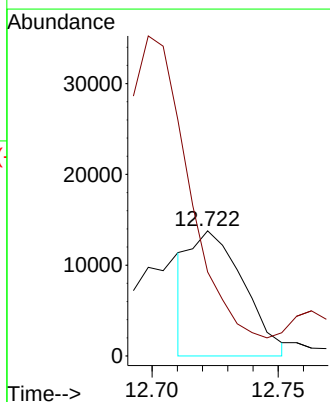
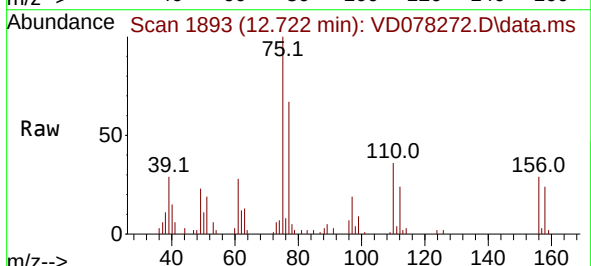
Manual Integrations
APPROVED

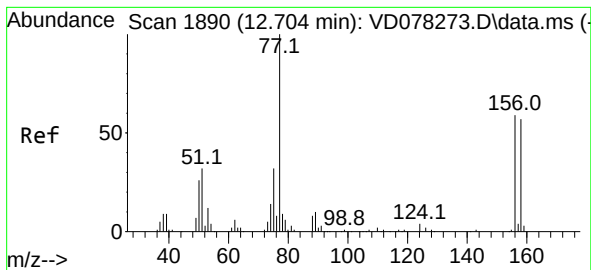
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#76
1,2,3-Trichloropropane
Concen: 21.289 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 75 Resp: 20367
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.220 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

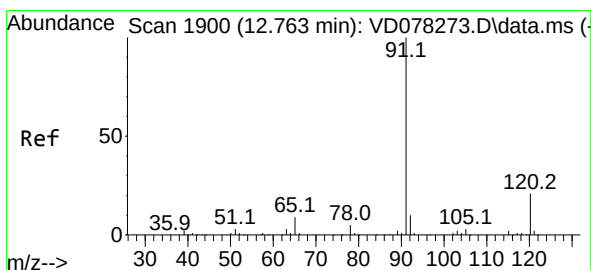
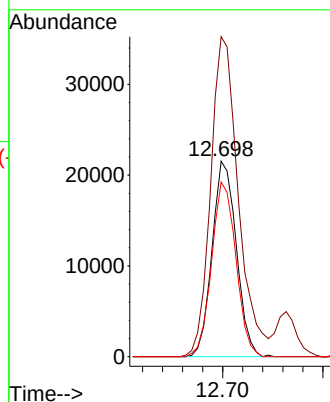
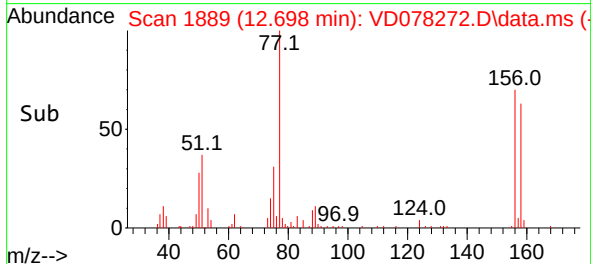
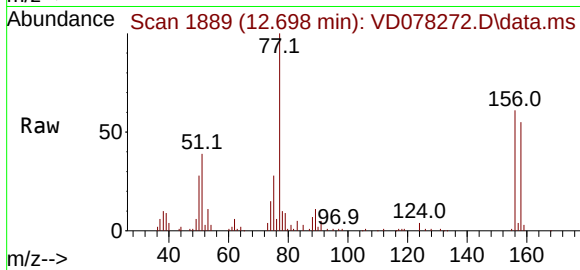
VSTDIC020

Tgt Ion:	156	Resp:	3616
Ion Ratio	Lower	Upper	
156	100		
77	186.9	76.8	230.4
158	89.5	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#78

n-propylbenzene

Concen: 21.121 ug/l

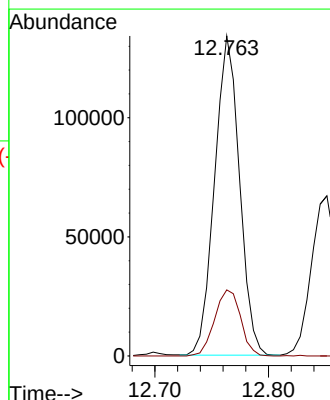
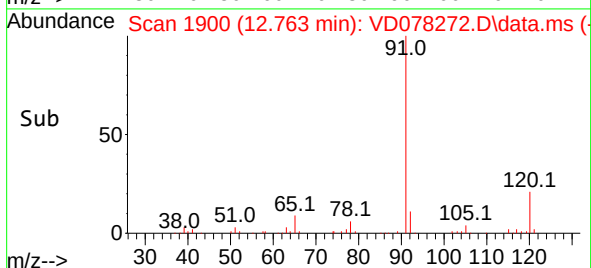
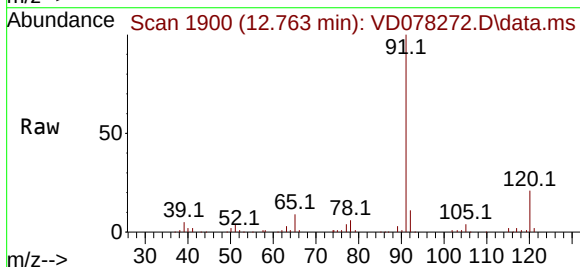
RT: 12.763 min Scan# 1900

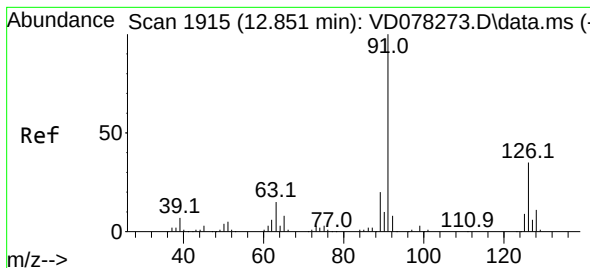
Delta R.T. 0.000 min

Lab File: VD078272.D

Acq: 30 Jan 2024 11:11

Tgt Ion:	91	Resp:	203756
Ion Ratio	Lower	Upper	
91	100		
120	21.6	12.4	37.2





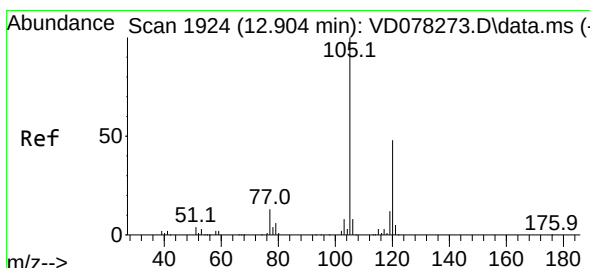
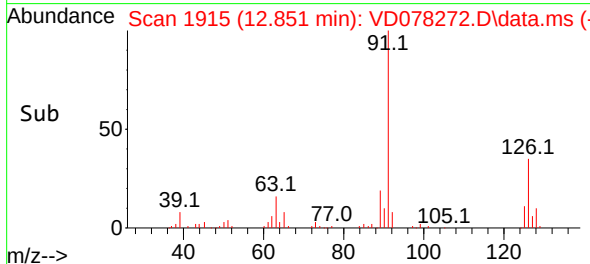
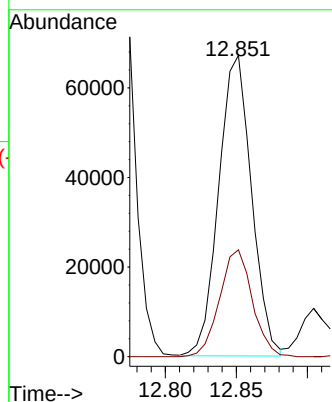
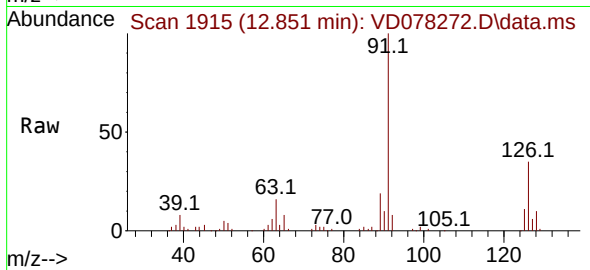
#79
2-Chlorotoluene
Concen: 20.878 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 107815
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1

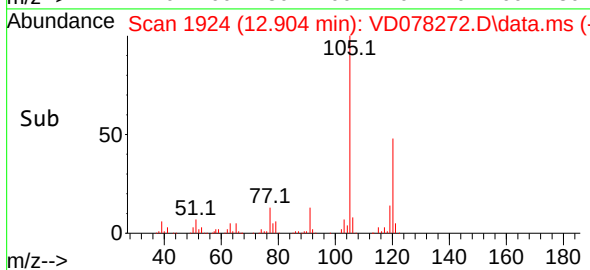
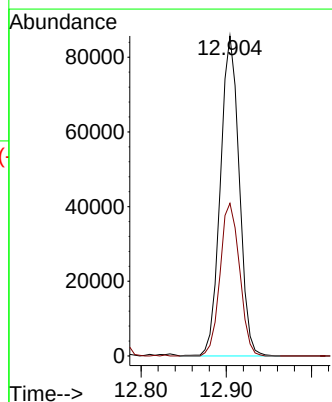
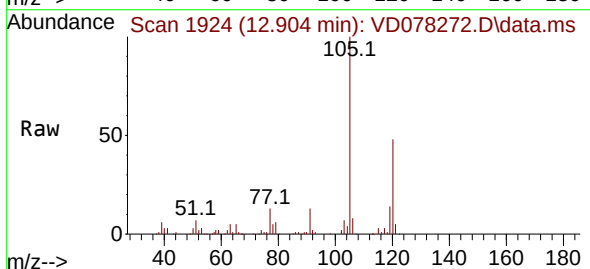
Manual Integrations
APPROVED

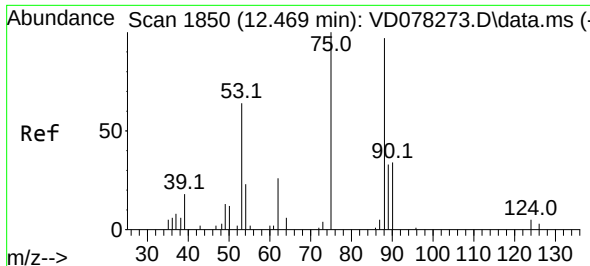
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.922 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:105 Resp: 131815
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2





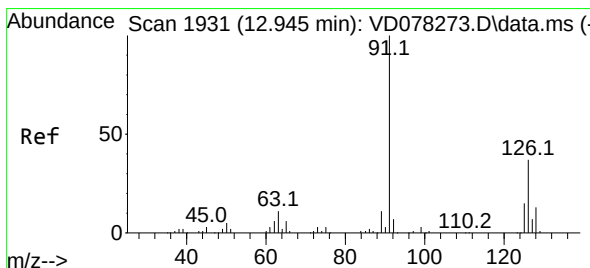
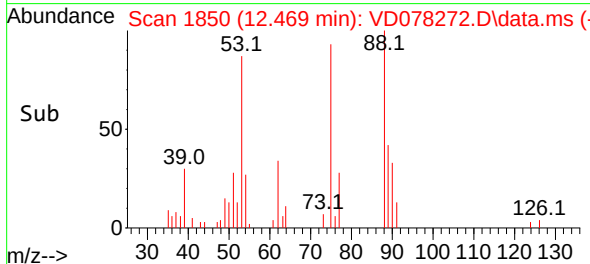
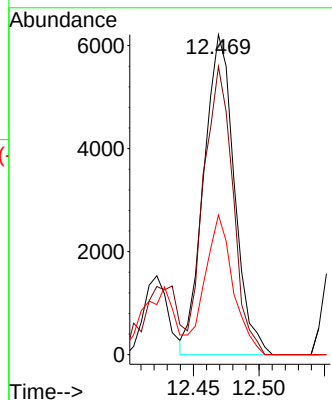
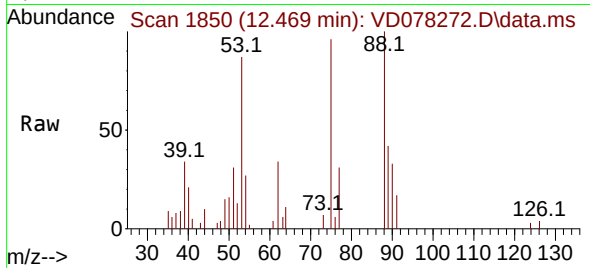
#81
trans-1,4-Dichloro-2-butene
Concen: 20.922 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 10064
Ion Ratio Lower Upper
75 100
53 85.3 63.0 94.4
89 39.8 37.9 56.9

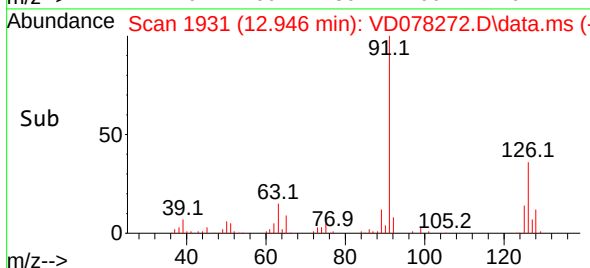
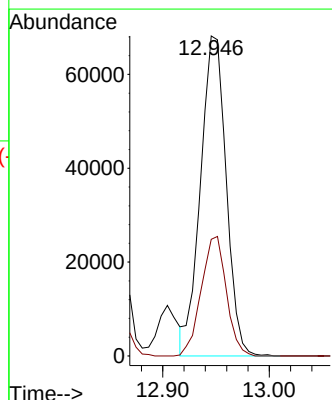
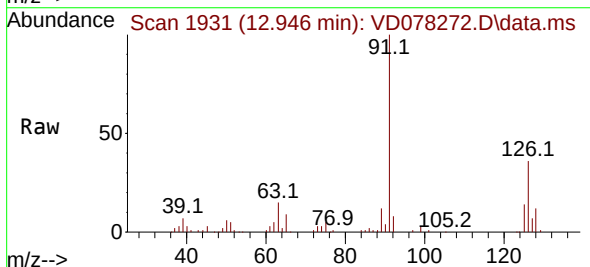
Manual Integrations
APPROVED

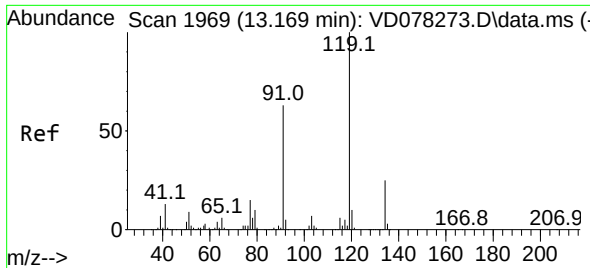
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#82
4-Chlorotoluene
Concen: 20.777 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion: 91 Resp: 114386
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.4





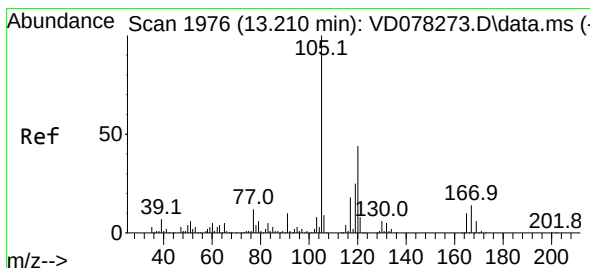
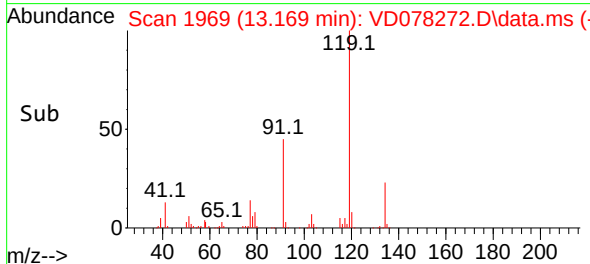
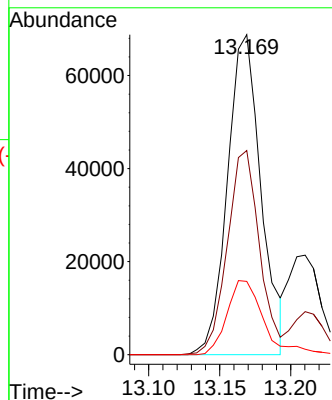
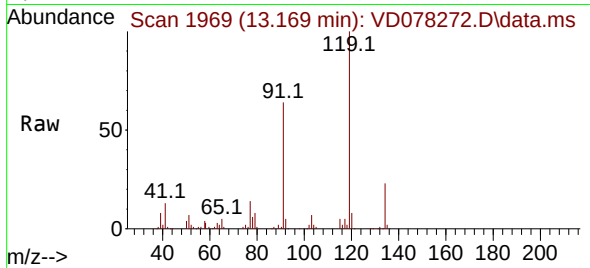
#83
tert-Butylbenzene
Concen: 21.080 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 11332
Ion Ratio Lower Upper
119 100
91 61.2 29.3 87.8
134 25.2 14.1 42.3

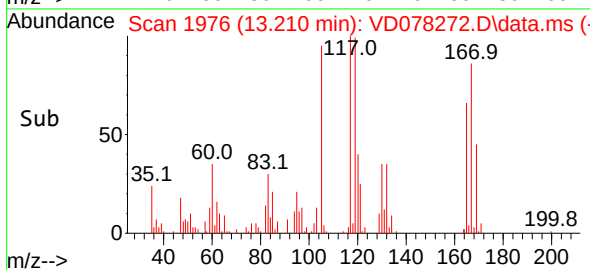
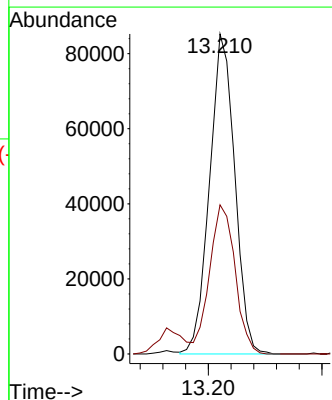
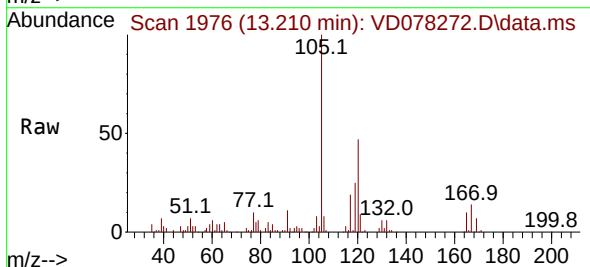
Manual Integrations
APPROVED

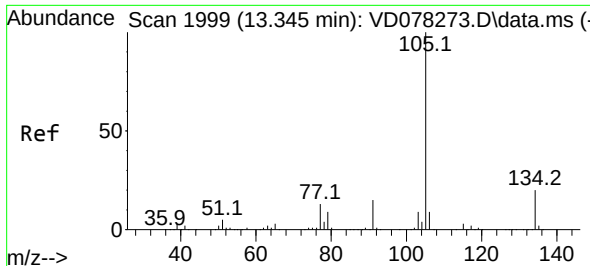
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.597 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:105 Resp: 131290
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9





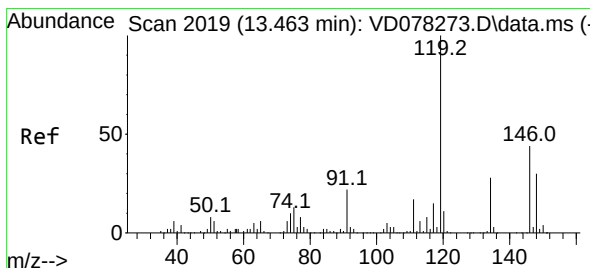
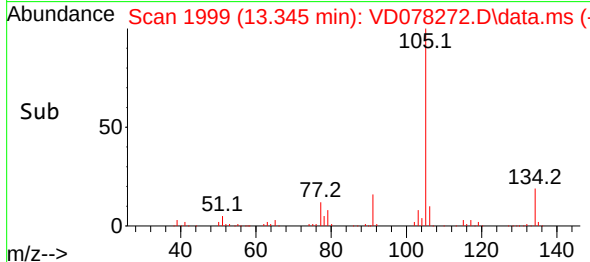
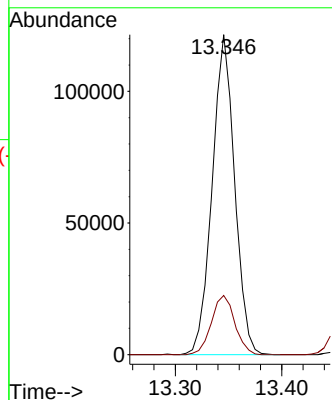
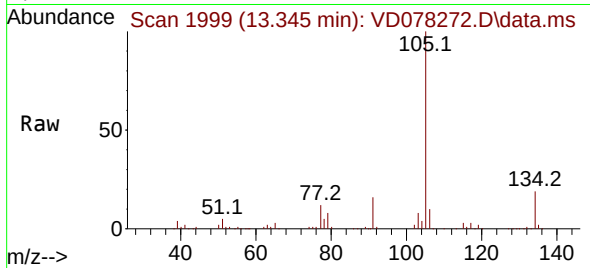
#85
 sec-Butylbenzene
 Concen: 21.070 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078272.D
 Acq: 30 Jan 2024 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 17776
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9

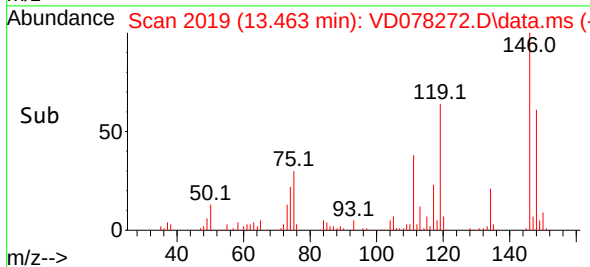
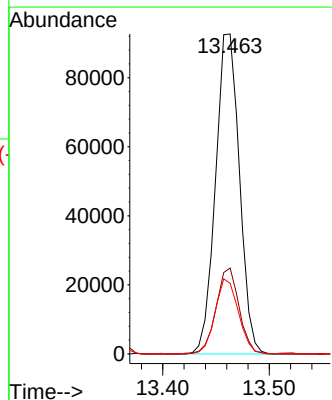
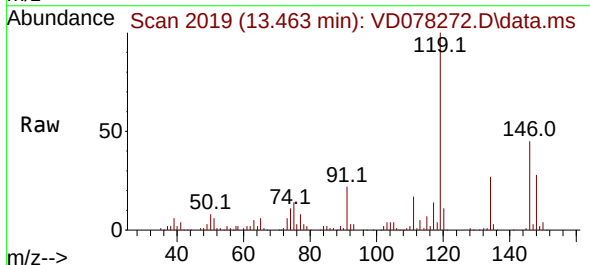
Manual Integrations
 APPROVED

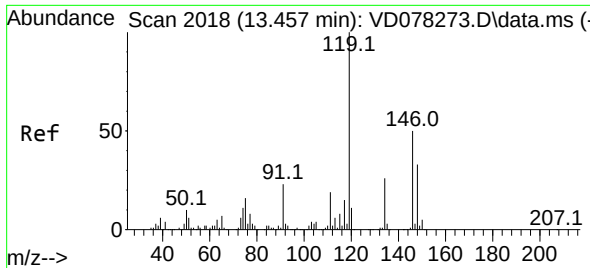
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#86
 p-Isopropyltoluene
 Concen: 20.885 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078272.D
 Acq: 30 Jan 2024 11:11

Tgt Ion:119 Resp: 144326
 Ion Ratio Lower Upper
 119 100
 134 25.8 14.2 42.6
 91 23.1 10.5 31.5





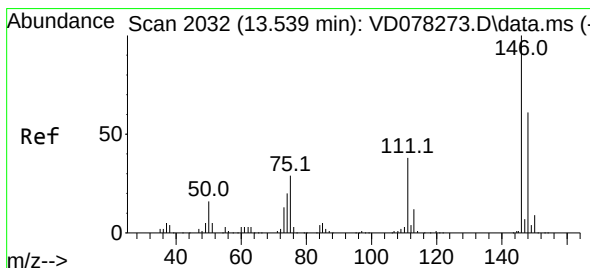
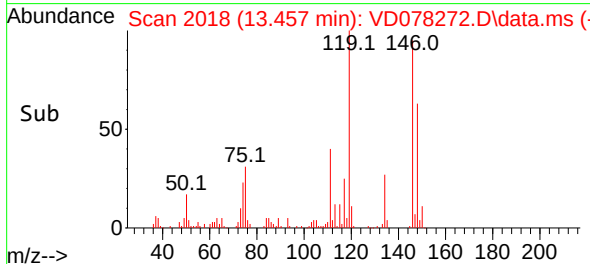
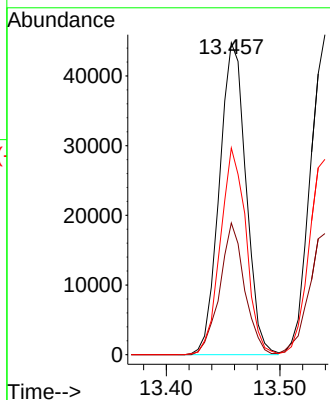
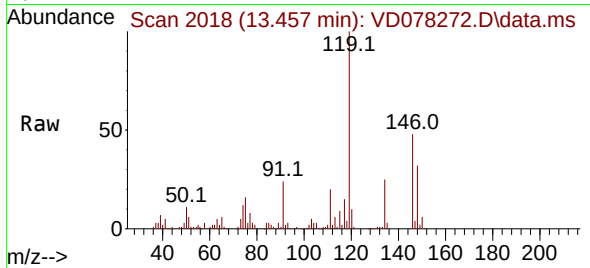
#87
1,3-Dichlorobenzene
Concen: 20.570 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 7282
Ion Ratio Lower Upper
146 100
111 39.5 17.9 53.8
148 64.0 32.3 96.8

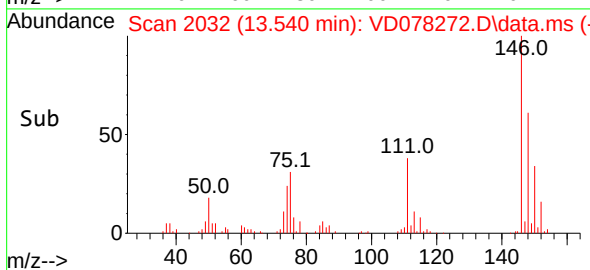
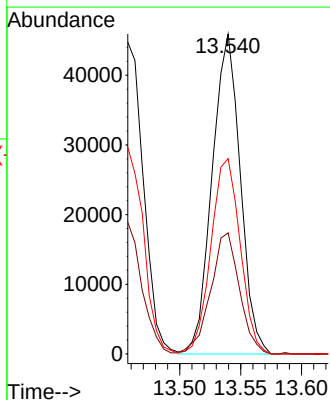
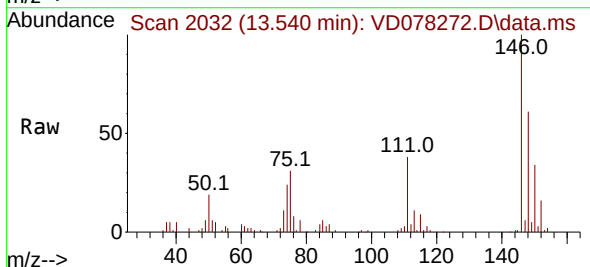
Manual Integrations
APPROVED

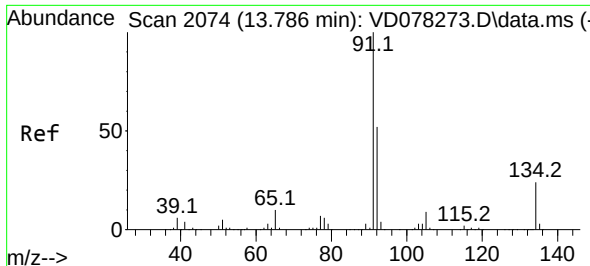
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#88
1,4-Dichlorobenzene
Concen: 21.063 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

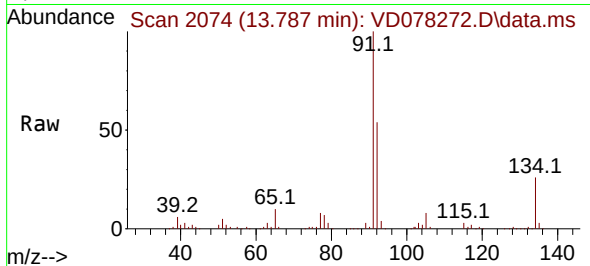
Tgt Ion:146 Resp: 73784
Ion Ratio Lower Upper
146 100
111 38.9 17.4 52.3
148 63.5 31.7 95.1





#89
n-Butylbenzene
Concen: 20.744 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

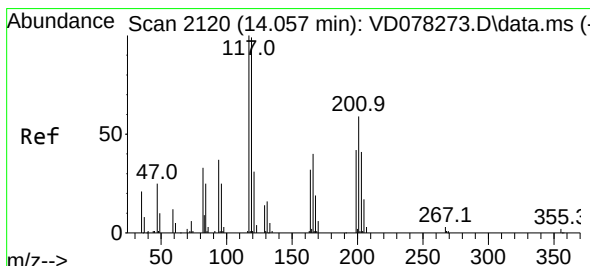
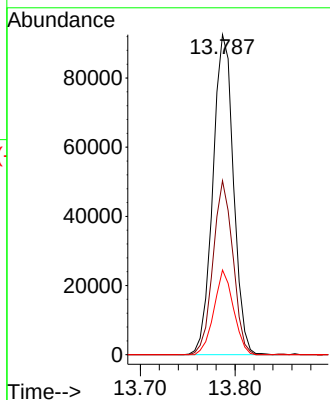
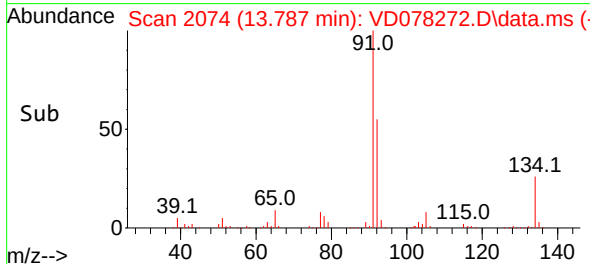
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 13968
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 25.1 13.8 41.3

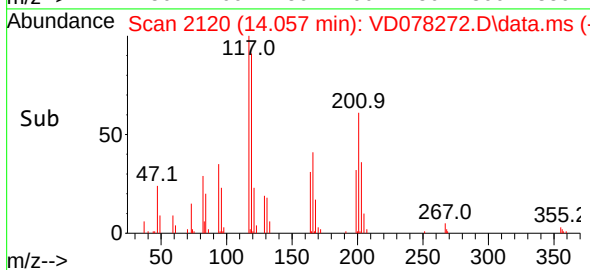
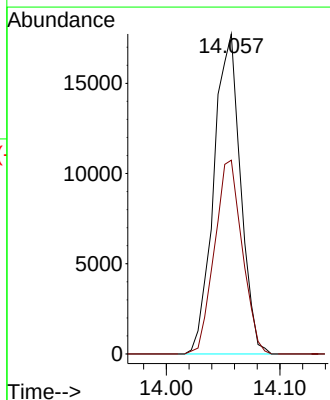
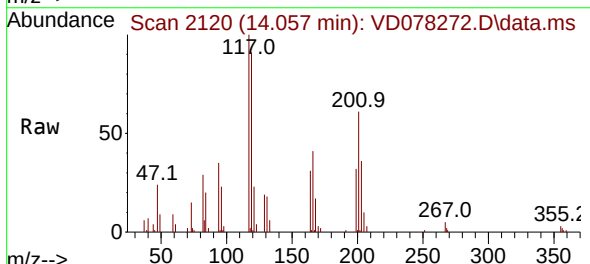
Manual Integrations
APPROVED

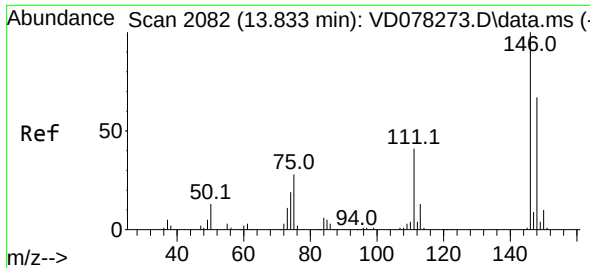
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#90
Hexachloroethane
Concen: 21.016 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

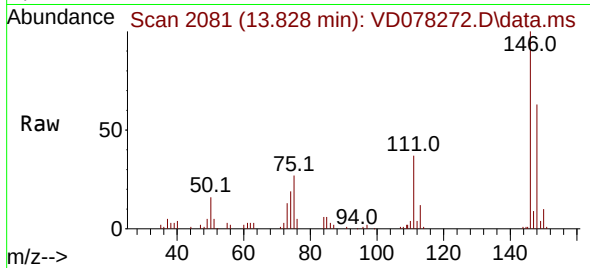
Tgt Ion:117 Resp: 29008
Ion Ratio Lower Upper
117 100
201 62.8 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 20.432 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

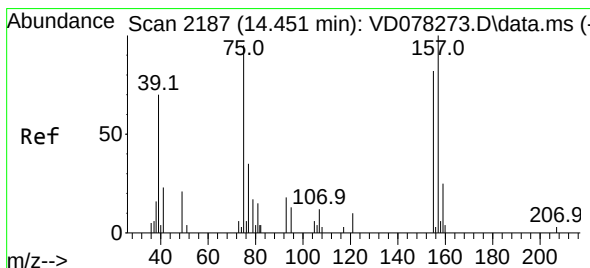
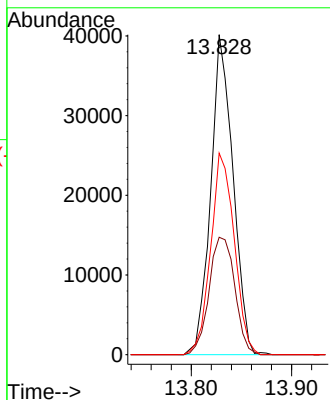
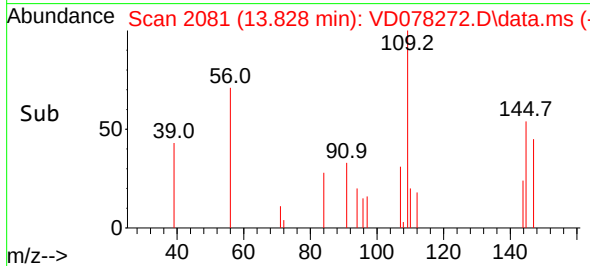
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



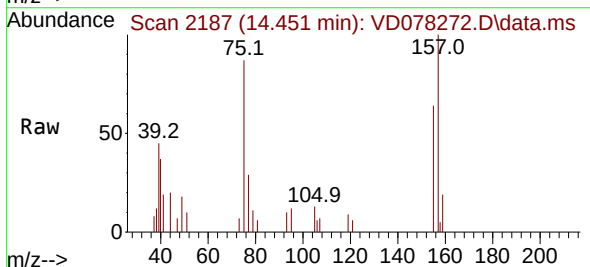
Tgt Ion:146 Resp: 6188
Ion Ratio Lower Upper
146 100
111 42.5 18.3 54.8
148 66.8 31.6 94.7

Manual Integrations
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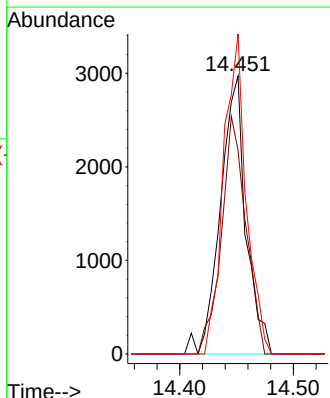
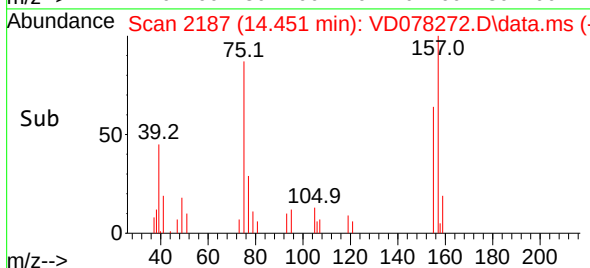
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

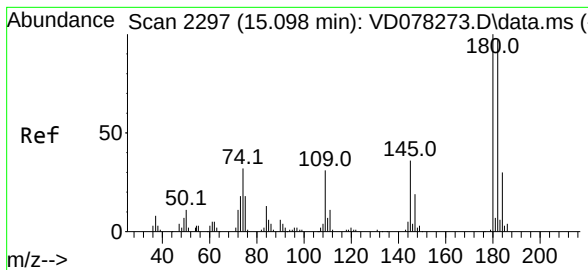


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.061 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11



Tgt Ion: 75 Resp: 4625
Ion Ratio Lower Upper
75 100
155 82.3 47.9 143.8
157 103.0 59.9 179.7





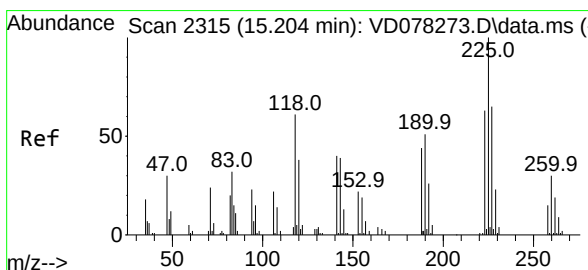
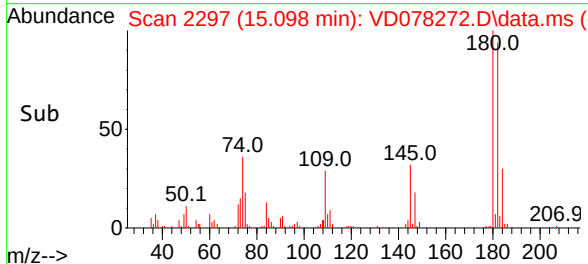
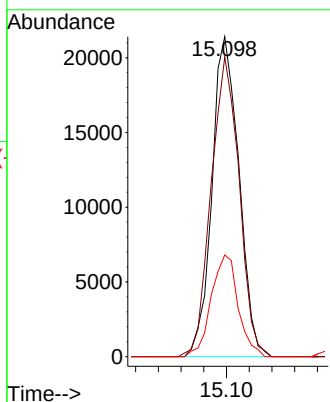
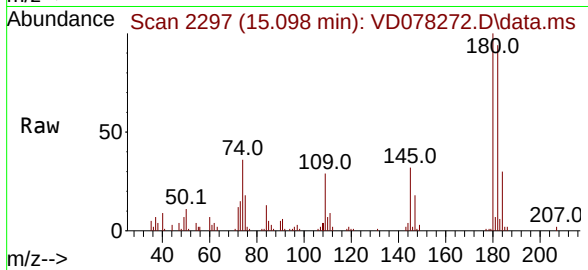
#93
1,2,4-Trichlorobenzene
Concen: 20.154 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 35309
Ion Ratio Lower Upper
180 100
182 97.1 48.5 145.6
145 31.8 14.2 42.6

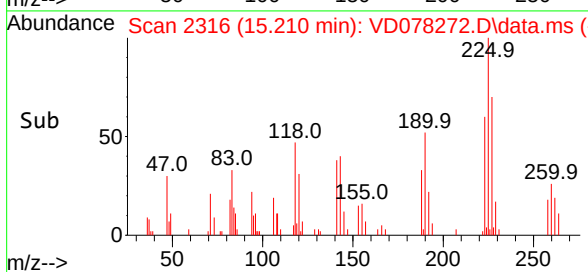
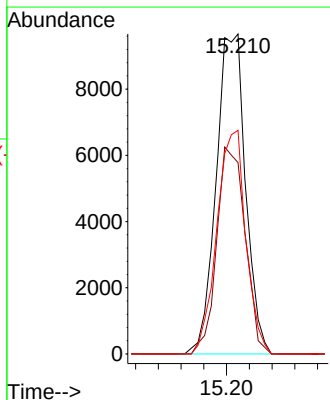
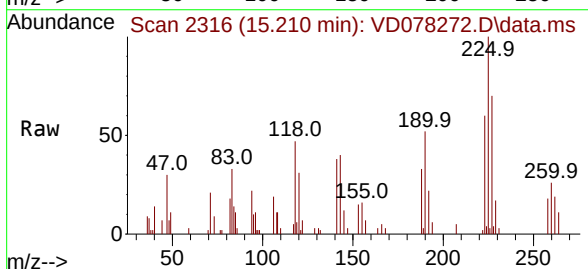
Manual Integrations
APPROVED

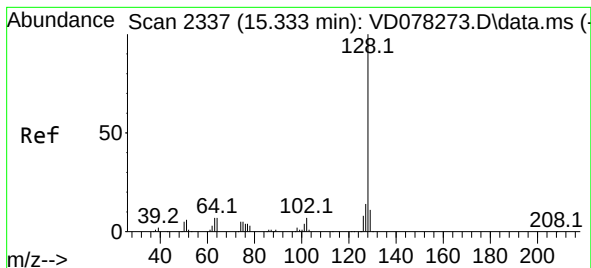
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#94
Hexachlorobutadiene
Concen: 20.239 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:225 Resp: 17375
Ion Ratio Lower Upper
225 100
223 62.4 31.6 94.8
227 68.5 31.7 95.1





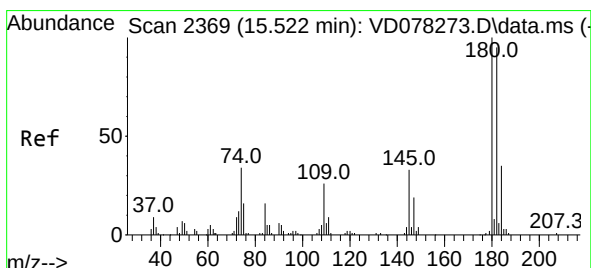
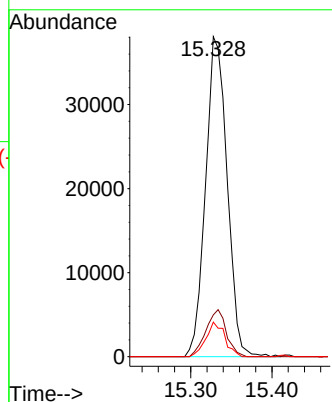
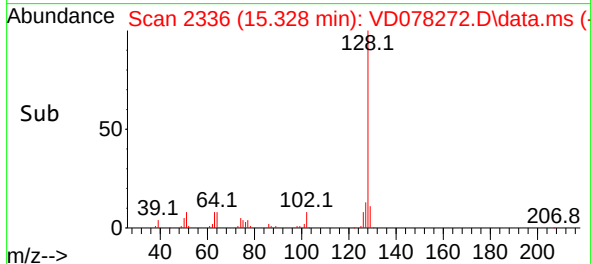
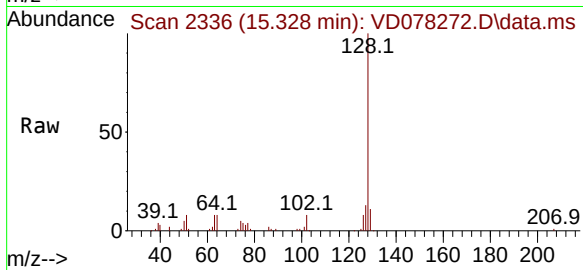
#95
Naphthalene
Concen: 20.099 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 70210
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.147 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078272.D
Acq: 30 Jan 2024 11:11

Tgt Ion:180 Resp: 31079
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 31.8 15.1 45.3

