

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077122.D
 Acq On : 18 Sep 2023 11:12
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 03:48:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 03:32:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	212759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	360421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	174776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	42663	19.869	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.740%#		
35) Dibromofluoromethane	7.805	113	51360	20.516	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.040%#		
50) Toluene-d8	10.269	98	180740	20.283	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.560%#		
62) 4-Bromofluorobenzene	12.575	95	57358	20.768	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	50051	22.764	ug/l	96
3) Chloromethane	2.146	50	92283	22.706	ug/l	99
4) Vinyl Chloride	2.281	62	98918	22.752	ug/l	97
5) Bromomethane	2.681	94	69551	21.965	ug/l	96
6) Chloroethane	2.828	64	66220	24.478	ug/l	99
7) Trichlorofluoromethane	3.170	101	91483	23.280	ug/l	97
8) Diethyl Ether	3.587	74	25354	19.991	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.964	101	51194	20.837	ug/l	96
10) Methyl Iodide	4.158	142	75662	21.546	ug/l	92
11) Tert butyl alcohol	5.064	59	11674m	95.358	ug/l	
12) 1,1-Dichloroethene	3.934	96	50646	20.463	ug/l	87
13) Acrolein	3.799	56	12997	147.360	ug/l	98
14) Allyl chloride	4.564	41	61535	20.378	ug/l	93
15) Acrylonitrile	5.246	53	53906	101.360	ug/l	99
16) Acetone	4.022	43	47217	96.215	ug/l	88
17) Carbon Disulfide	4.270	76	175119	21.493	ug/l #	95
18) Methyl Acetate	4.564	43	37756	20.346	ug/l	91
19) Methyl tert-butyl Ether	5.311	73	105456	19.691	ug/l	97
20) Methylene Chloride	4.805	84	79593	21.472	ug/l	91
21) trans-1,2-Dichloroethene	5.317	96	61249	20.472	ug/l	95
22) Diisopropyl ether	6.216	45	138404	20.272	ug/l	97
23) Vinyl Acetate	6.152	43	259031m	93.953	ug/l	
24) 1,1-Dichloroethane	6.111	63	101591	20.732	ug/l	98
25) 2-Butanone	7.081	43	61419	95.131	ug/l	93
26) 2,2-Dichloropropane	7.081	77	84511	20.318	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	70708	21.023	ug/l	99
28) Bromochloromethane	7.428	49	31321	20.816	ug/l	88
29) Tetrahydrofuran	7.446	42	36152	95.786	ug/l	91
30) Chloroform	7.593	83	111484	21.110	ug/l	88
31) Cyclohexane	7.881	56	77886	20.734	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	92702	21.030	ug/l	99
36) 1,1-Dichloropropene	8.011	75	79361	21.049	ug/l	97
37) Ethyl Acetate	7.175	43	28973	20.030	ug/l #	73
38) Carbon Tetrachloride	7.993	117	76730	20.706	ug/l	95
39) Methylcyclohexane	9.275	83	88265	20.347	ug/l	98
40) Benzene	8.252	78	244056	20.923	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	16822	21.788	ug/l	89
42) 1,2-Dichloroethane	8.328	62	59798	20.677	ug/l	97
43) Isopropyl Acetate	8.363	43	51858	19.472	ug/l	94
44) Trichloroethene	9.028	130	67188	20.811	ug/l	96
45) 1,2-Dichloropropane	9.305	63	57320	20.231	ug/l	94
46) Dibromomethane	9.393	93	34032	20.671	ug/l	93
47) Bromodichloromethane	9.581	83	81353	20.448	ug/l #	93
48) Methyl methacrylate	9.381	41	24813	20.477	ug/l	83
49) 1,4-Dioxane	9.393	88	5394	362.963	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	134733	96.731	ug/l	91
52) Toluene	10.334	92	154200	20.664	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	75272	20.251	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	91302	20.502	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	45550	20.341	ug/l #	93
56) Ethyl methacrylate	10.599	69	46754	19.434	ug/l	91
57) 1,3-Dichloropropane	10.881	76	73519	20.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	70930	78.296	ug/l	97
59) 2-Hexanone	10.922	43	94264	94.323	ug/l	89
60) Dibromochloromethane	11.075	129	55370	20.188	ug/l	96
61) 1,2-Dibromoethane	11.181	107	43623	20.151	ug/l	97
64) Tetrachloroethene	10.810	164	56753	21.307	ug/l	96
65) Chlorobenzene	11.604	112	164560	20.434	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	59649	20.245	ug/l	98
67) Ethyl Benzene	11.687	91	284295	20.538	ug/l	96
68) m/p-Xylenes	11.793	106	230026	41.502	ug/l	95
69) o-Xylene	12.122	106	103449	20.335	ug/l	95
70) Styrene	12.134	104	175845	20.289	ug/l	97
71) Bromoform	12.299	173	31661	19.386	ug/l #	100
73) Isopropylbenzene	12.422	105	264184	20.457	ug/l	98
74) N-amyl acetate	12.234	43	46664	19.236	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	48654	19.964	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	33453m	23.187	ug/l	
77) Bromobenzene	12.698	156	66134	20.566	ug/l	96
78) n-propylbenzene	12.763	91	330695	20.950	ug/l	97
79) 2-Chlorotoluene	12.851	91	177386	20.378	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	224990	20.861	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	14203	19.283	ug/l	95
82) 4-Chlorotoluene	12.946	91	194199	21.227	ug/l	95
83) tert-Butylbenzene	13.169	119	192239	20.863	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	224272	20.507	ug/l	95
85) sec-Butylbenzene	13.346	105	289412	20.931	ug/l	95
86) p-Isopropyltoluene	13.463	119	241085	20.553	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	133616	20.205	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	133721	20.552	ug/l	98
89) n-Butylbenzene	13.787	91	219665	20.300	ug/l	99
90) Hexachloroethane	14.057	117	48860	21.003	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	116509	20.548	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6125	18.822	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	69695	19.923	ug/l	98
94) Hexachlorobutadiene	15.204	225	38245	20.631	ug/l	96
95) Naphthalene	15.334	128	122851	19.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	59208	19.042	ug/l	97

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

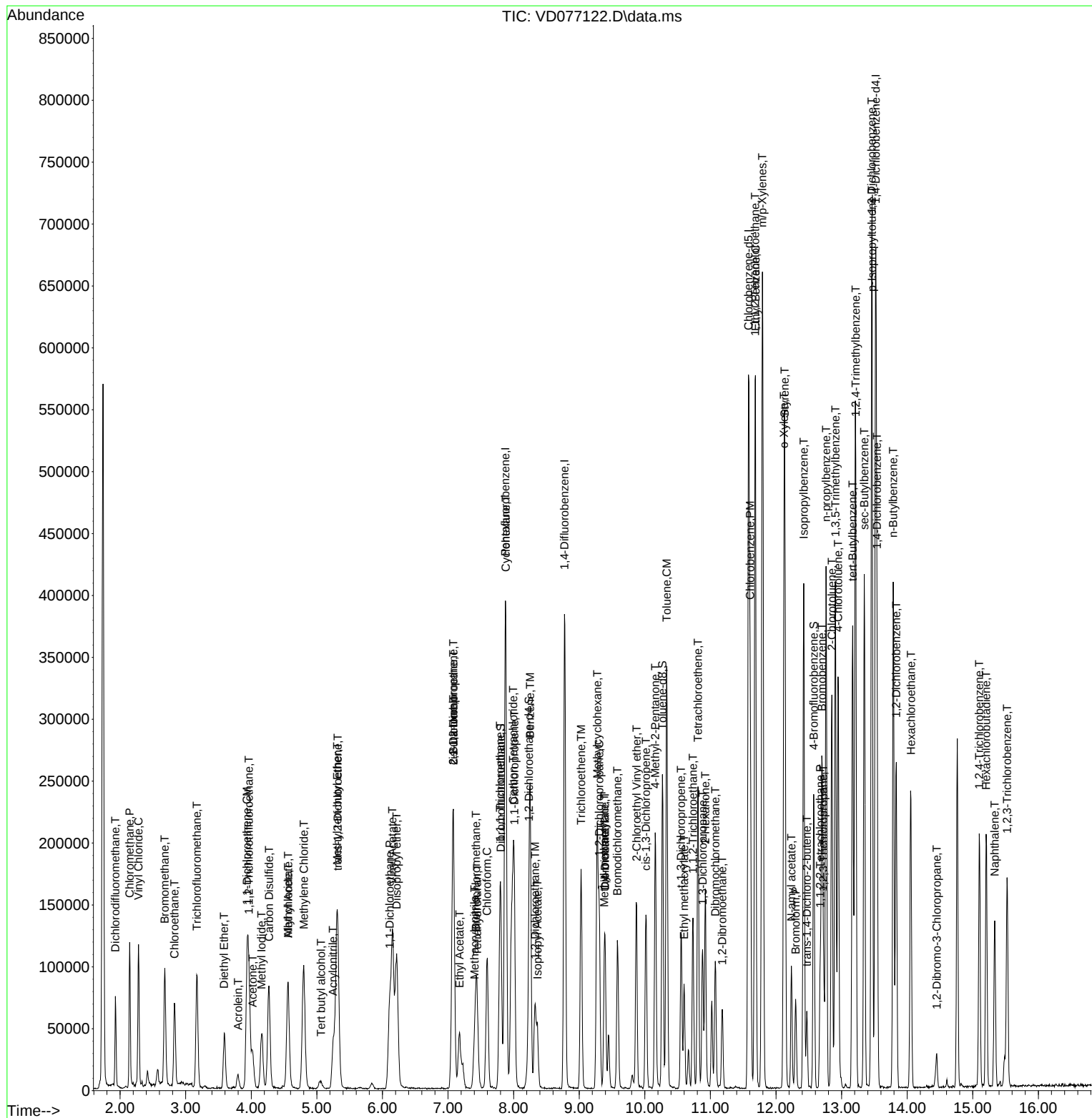
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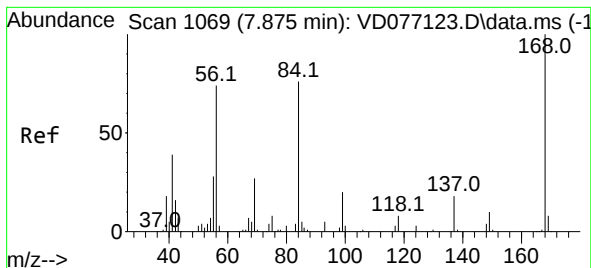
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:168 Resp: 21275

Ion Ratio Lower Upper

168 100

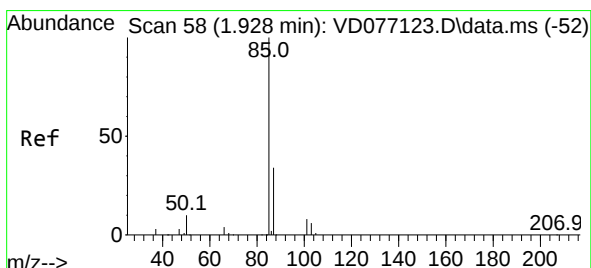
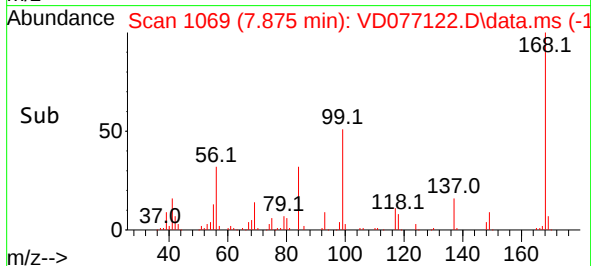
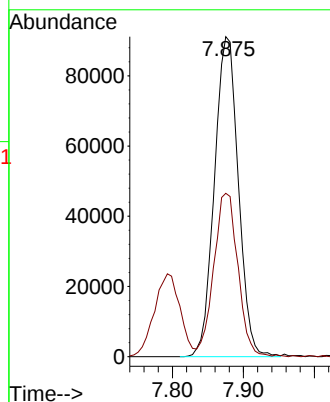
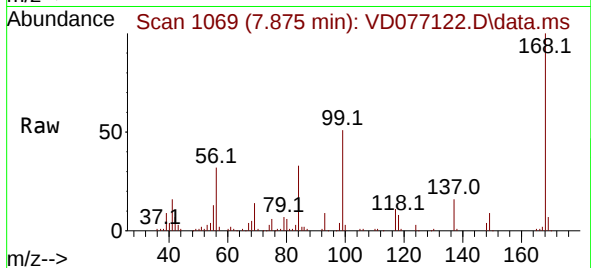
99 50.7 36.7 55.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 22.764 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077122.D

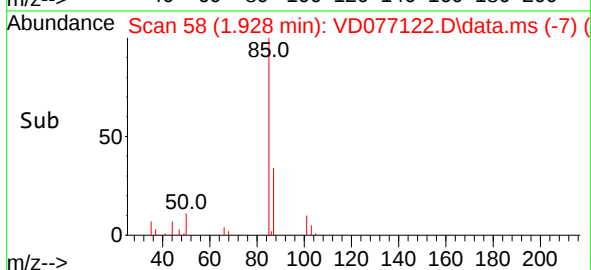
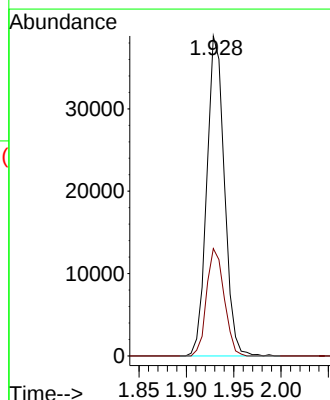
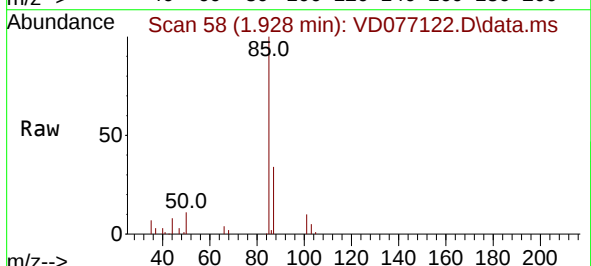
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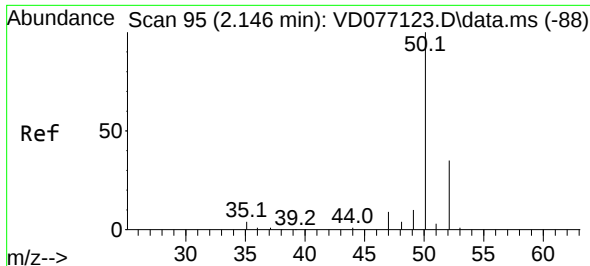
Tgt Ion: 85 Resp: 50051

Ion Ratio Lower Upper

85 100

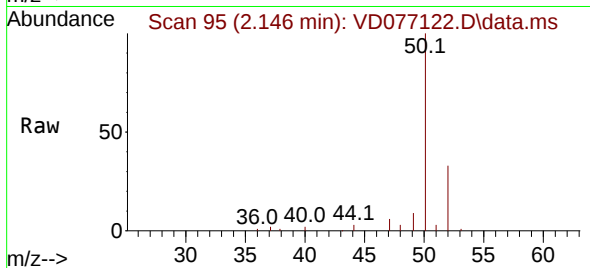
87 33.6 15.7 47.0





#3
Chloromethane
Concen: 22.706 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

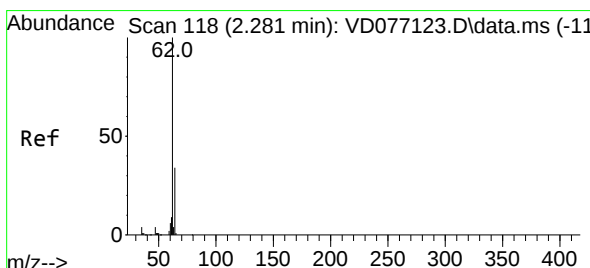
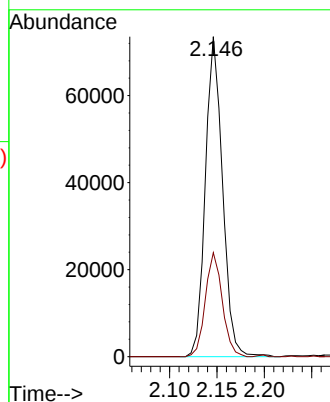
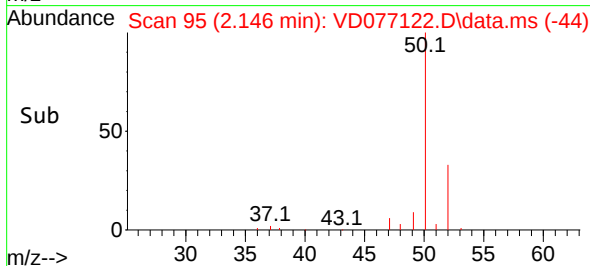
Instrument :
MSVOA_D
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VSTDICC020



Tgt Ion: 50 Resp: 9228
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

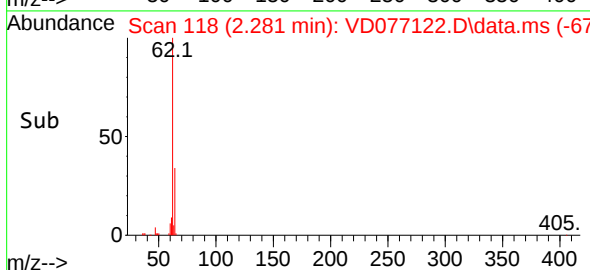
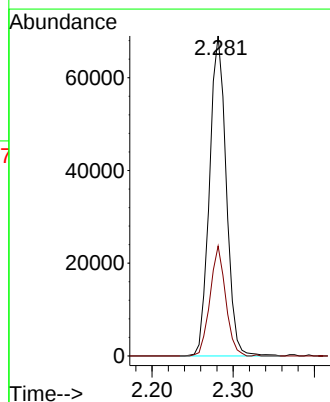
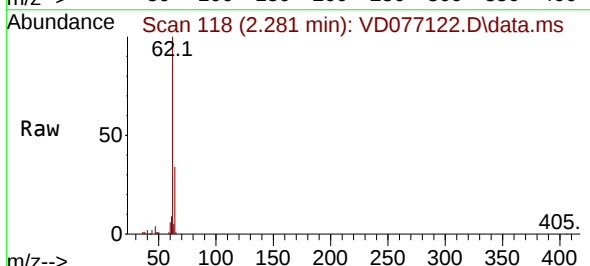
Manual Integrations
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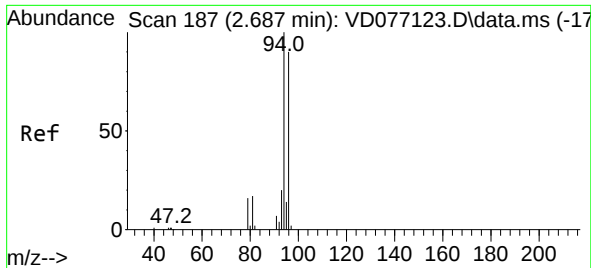
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#4
Vinyl Chloride
Concen: 22.752 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 62 Resp: 98918
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0





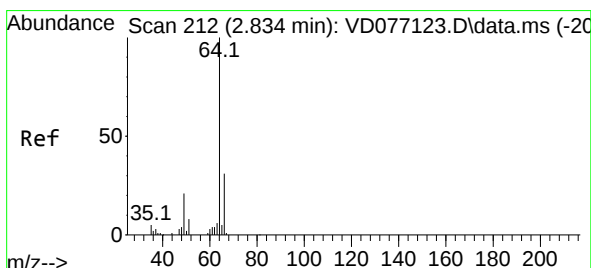
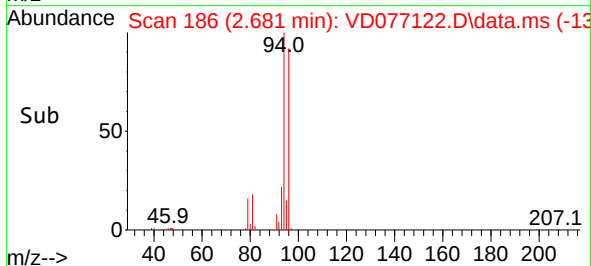
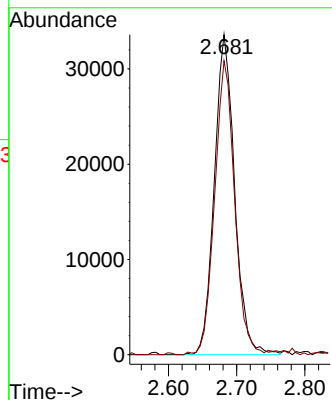
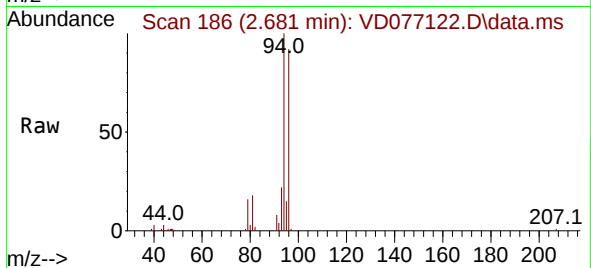
#5
Bromomethane
Concen: 21.965 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD077122.D
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Instrument :
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Tgt Ion: 94 Resp: 6955
Ion Ratio Lower Upper
94 100
96 90.5 75.8 113.8

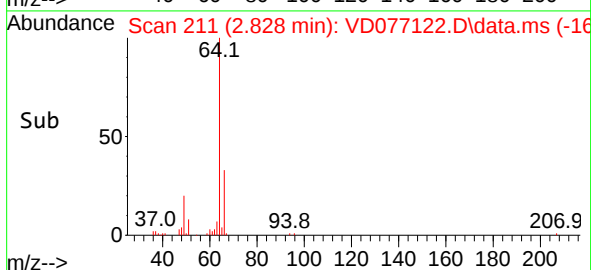
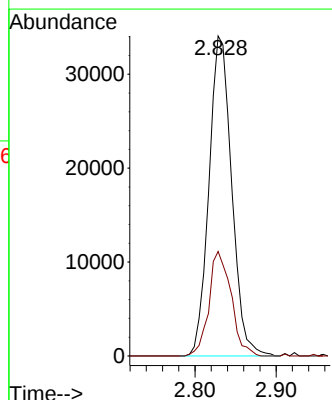
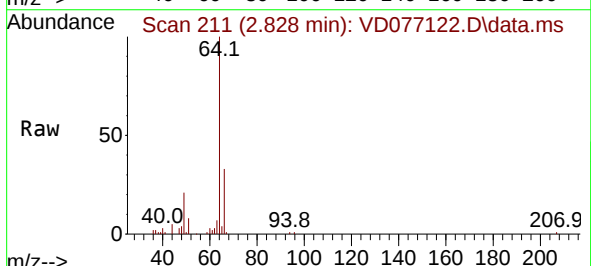
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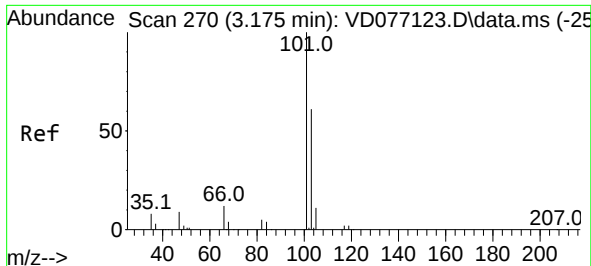
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#6
Chloroethane
Concen: 24.478 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

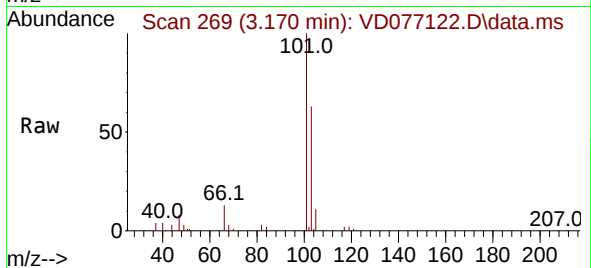
Tgt Ion: 64 Resp: 66220
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3





#7
Trichlorofluoromethane
Concen: 23.280 ug/l
RT: 3.170 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

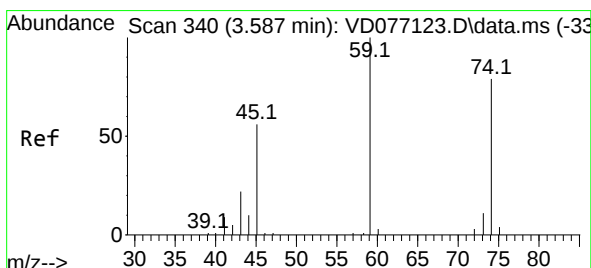
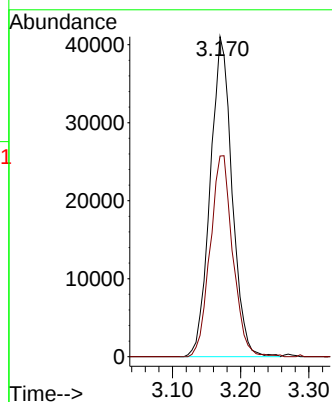
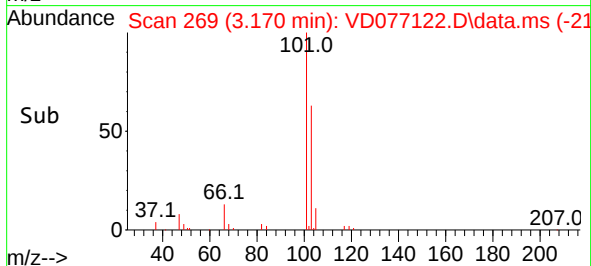
Instrument :
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Tgt Ion: 101 Resp: 9148
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5

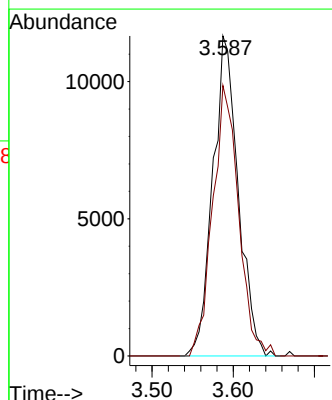
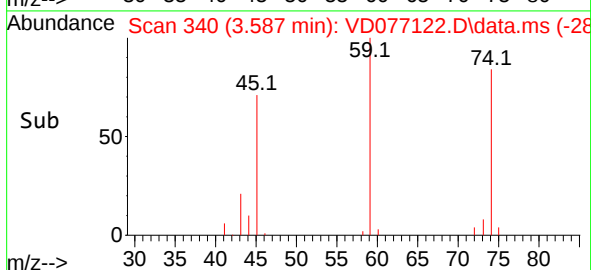
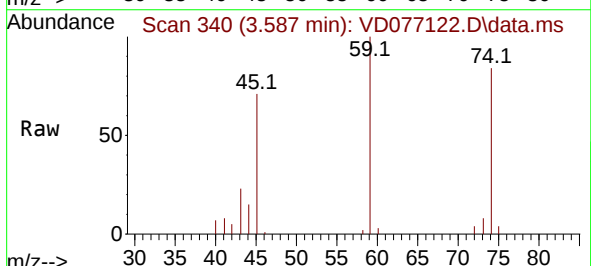
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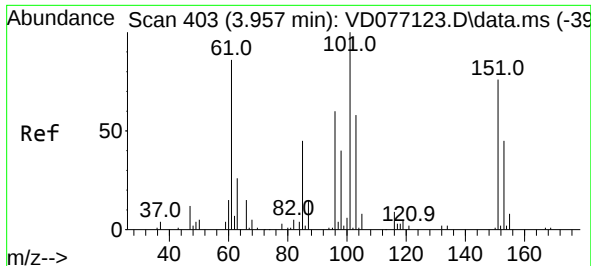
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#8
Diethyl Ether
Concen: 19.991 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 74 Resp: 25354
Ion Ratio Lower Upper
74 100
45 86.3 37.5 112.7





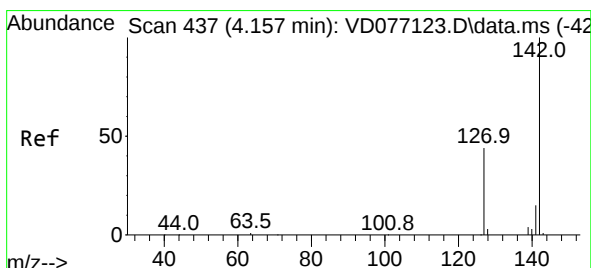
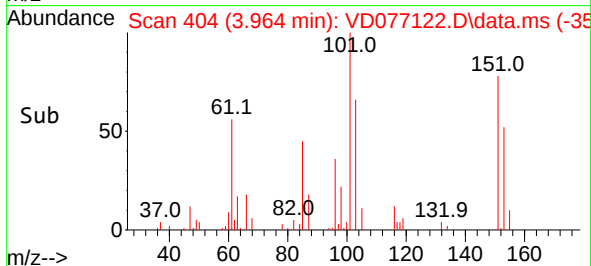
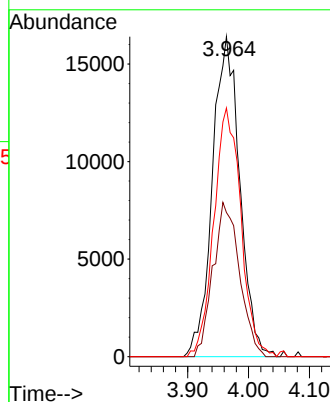
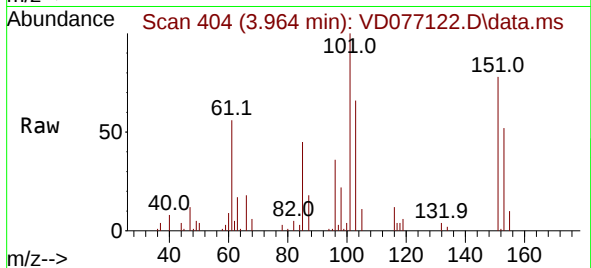
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.837 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 51194
Ion Ratio Lower Upper
101 100
85 46.6 33.8 50.6
151 76.8 59.8 89.6

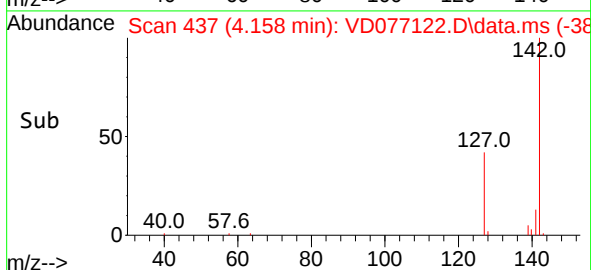
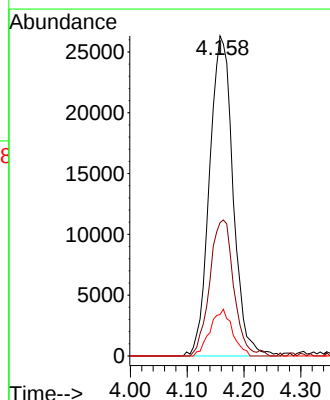
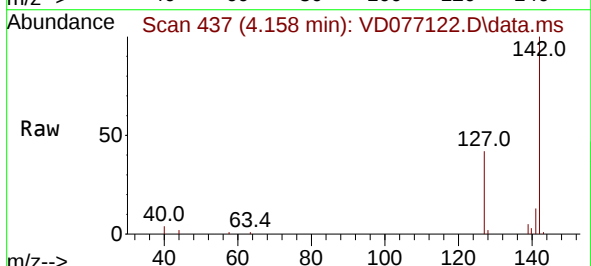
Manual Integrations
APPROVED

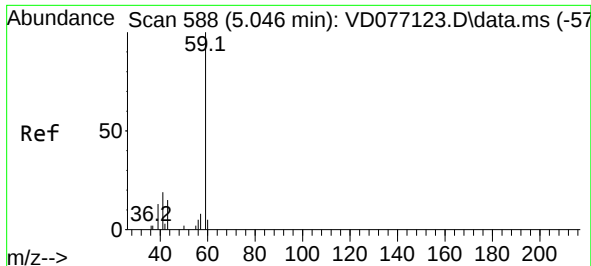
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#10
Methyl Iodide
Concen: 21.546 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion:142 Resp: 75662
Ion Ratio Lower Upper
142 100
127 43.1 29.4 44.0
141 13.8 11.1 16.7





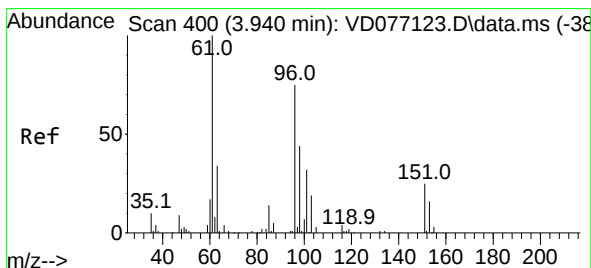
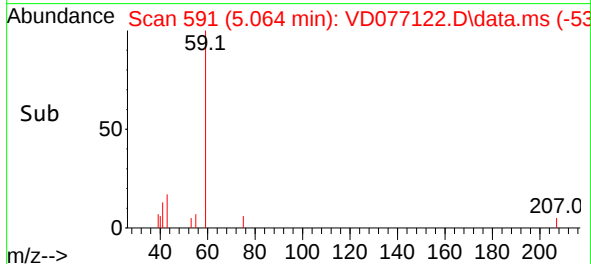
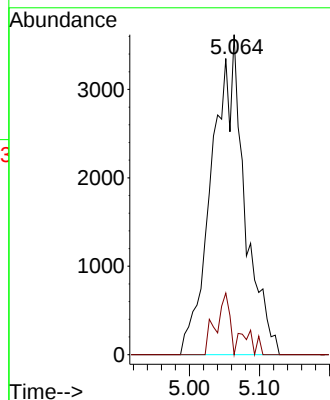
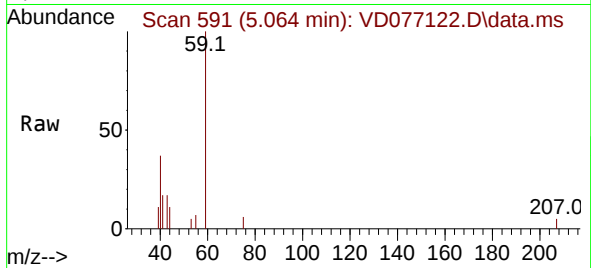
#11
Tert butyl alcohol
Concen: 95.358 ug/l m
RT: 5.064 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 11674
Ion Ratio Lower Upper
59 100
57 8.0 7.8 11.8

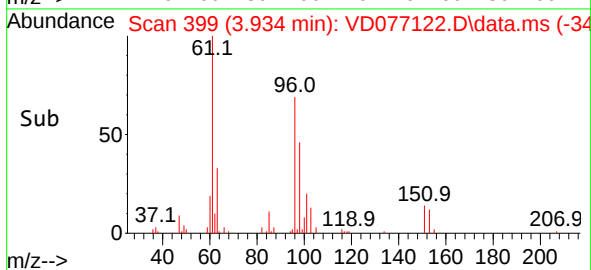
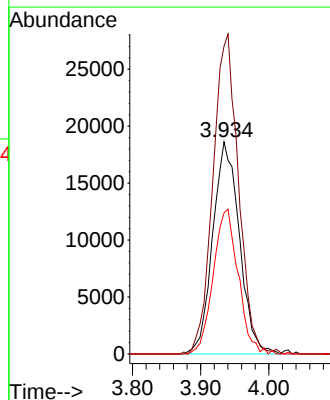
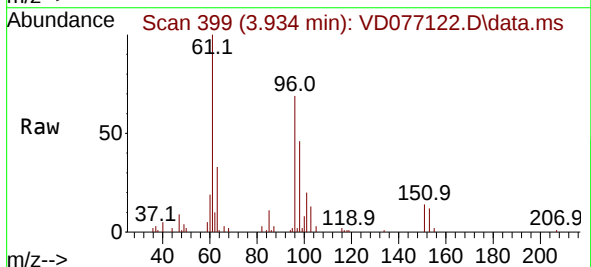
Manual Integrations
APPROVED

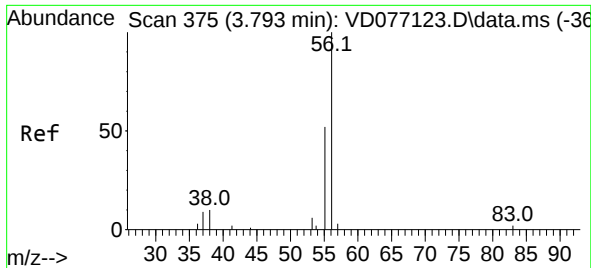
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#12
1,1-Dichloroethene
Concen: 20.463 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

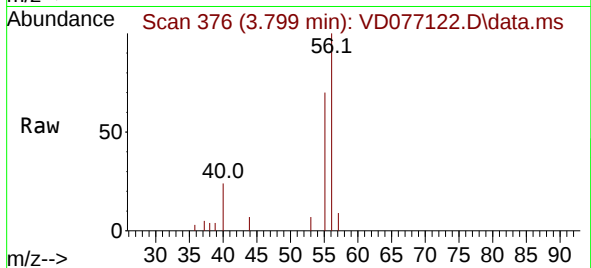
Tgt Ion: 96 Resp: 50646
Ion Ratio Lower Upper
96 100
61 145.2 100.6 150.8
98 66.5 50.2 75.2





#13
Acrolein
Concen: 147.360 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

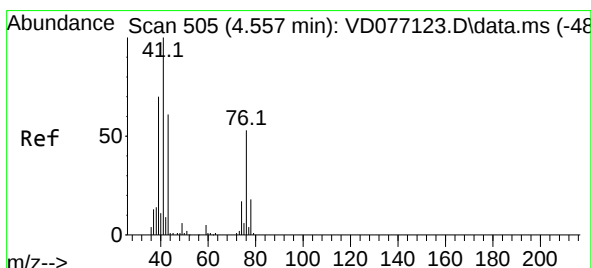
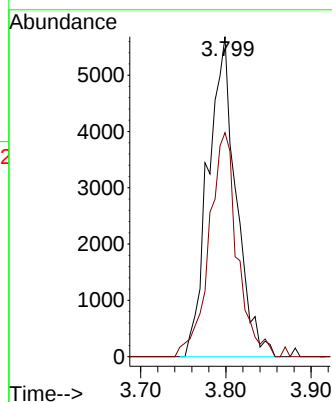
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 1299
Ion Ratio Lower Upper
56 100
55 70.4 55.1 82.7

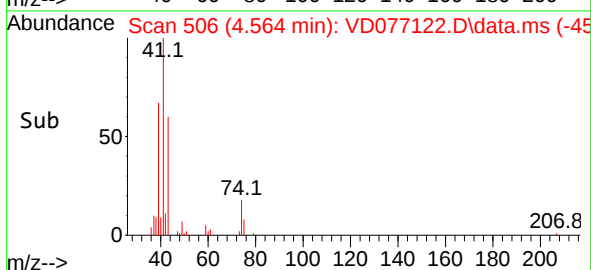
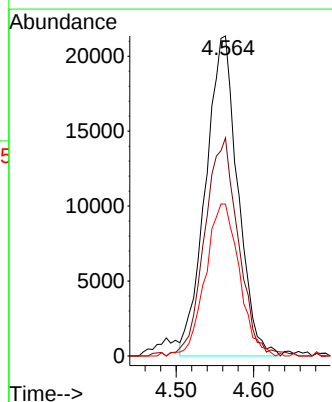
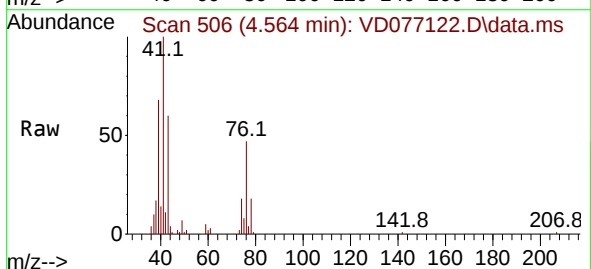
Manual Integrations
APPROVED

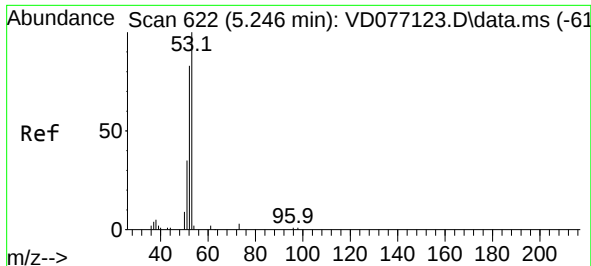
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#14
Allyl chloride
Concen: 20.378 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 41 Resp: 61535
Ion Ratio Lower Upper
41 100
39 71.2 53.8 80.6
76 50.2 45.8 68.8





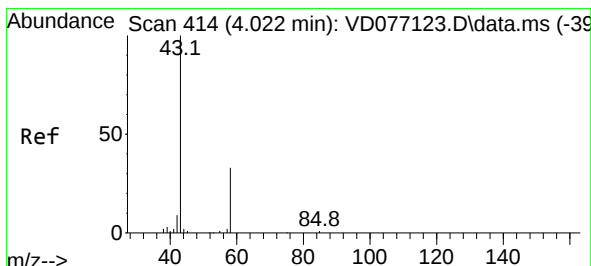
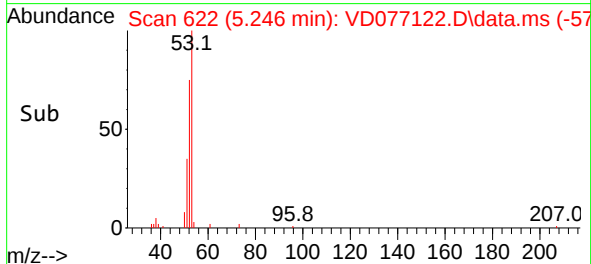
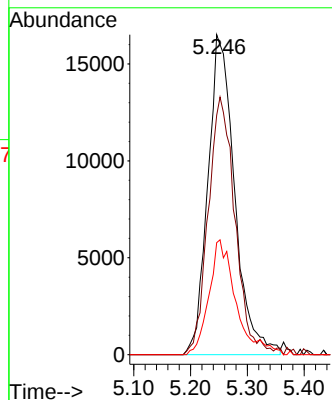
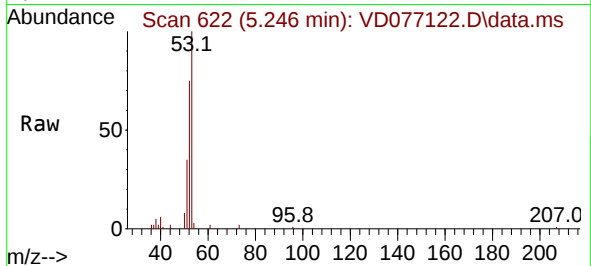
#15
Acrylonitrile
Concen: 101.360 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 53900
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.4
51 36.2 28.3 42.5

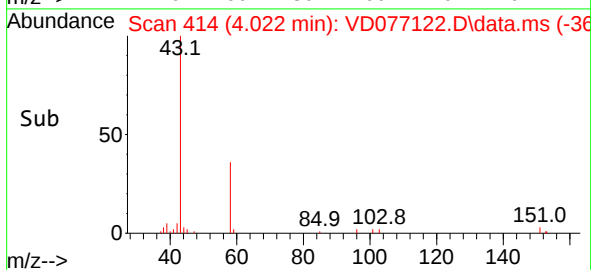
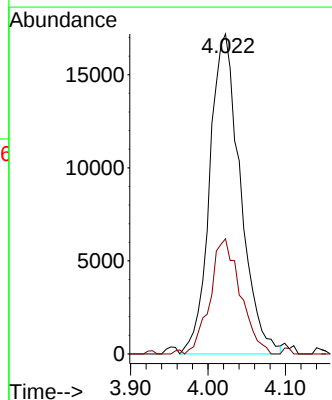
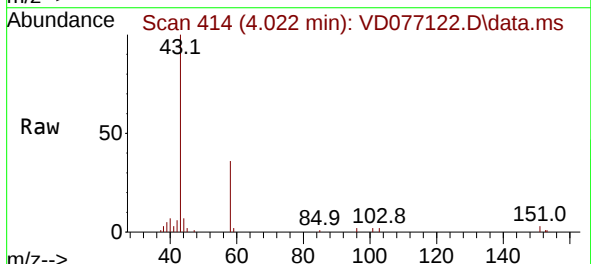
Manual Integrations
APPROVED

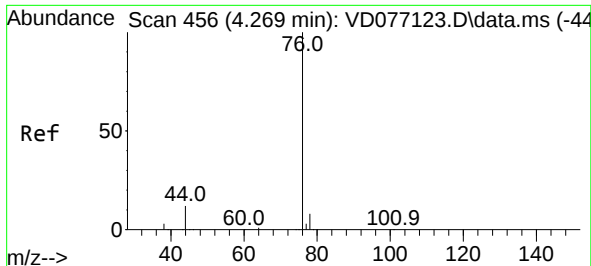
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#16
Acetone
Concen: 96.215 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 43 Resp: 47217
Ion Ratio Lower Upper
43 100
58 36.0 34.7 52.1





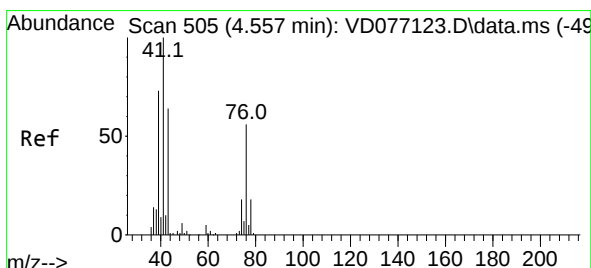
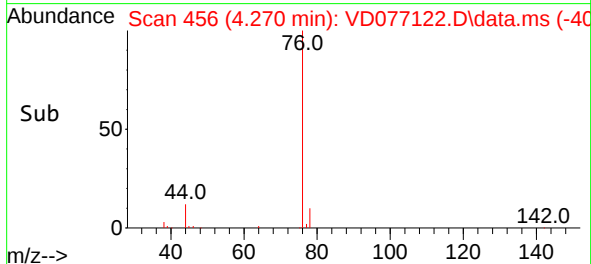
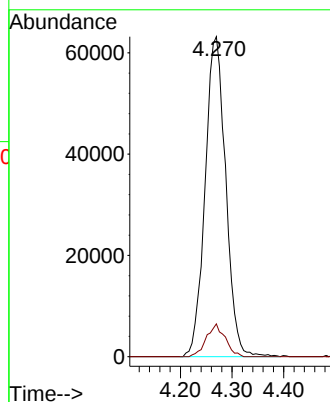
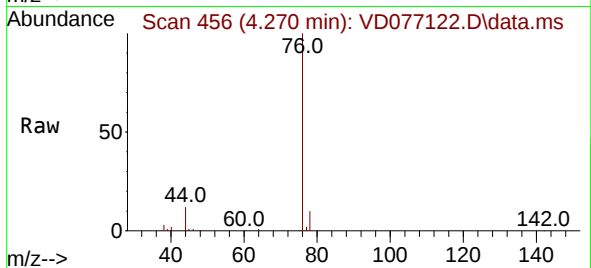
#17
Carbon Disulfide
Concen: 21.493 ug/l
RT: 4.270 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 175119
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2

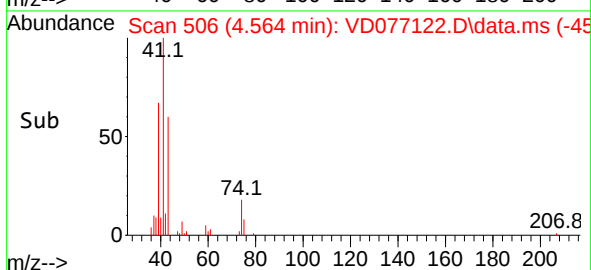
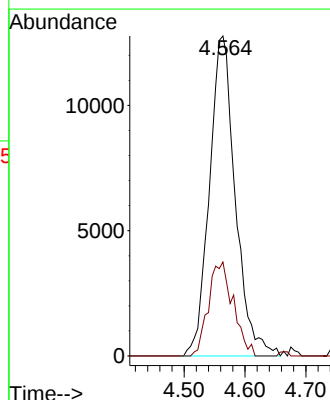
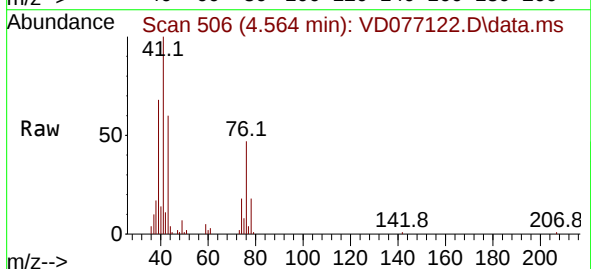
Manual Integrations
APPROVED

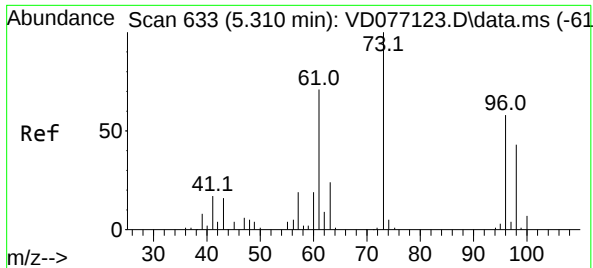
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#18
Methyl Acetate
Concen: 20.346 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 43 Resp: 37756
Ion Ratio Lower Upper
43 100
74 28.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.691 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 105456

Ion Ratio Lower Upper

73 100

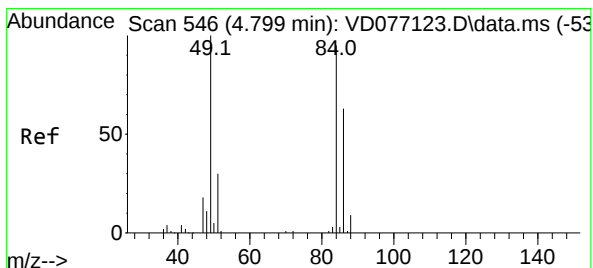
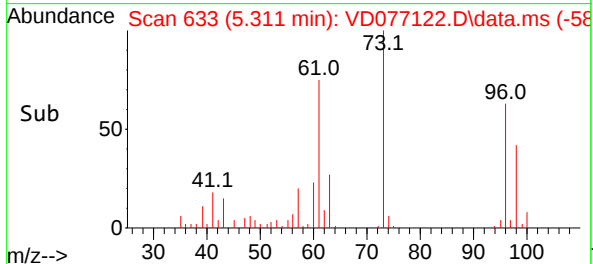
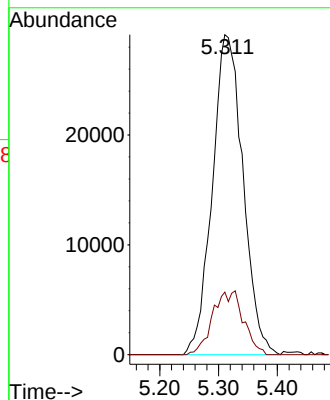
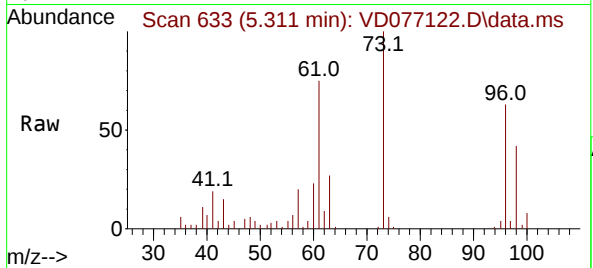
57 19.5 16.6 25.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#20

Methylene Chloride

Concen: 21.472 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Tgt Ion: 84 Resp: 79593

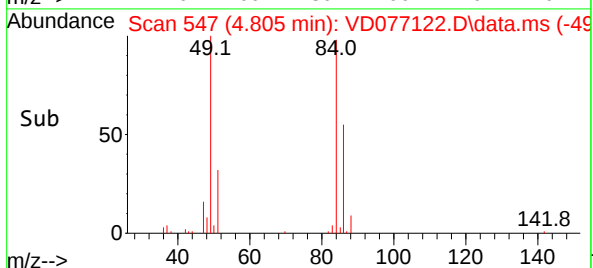
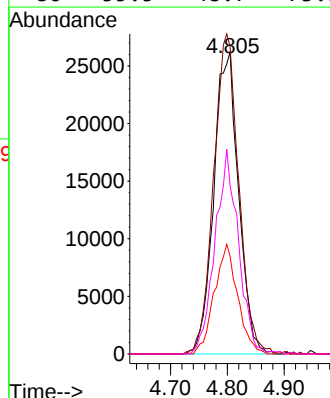
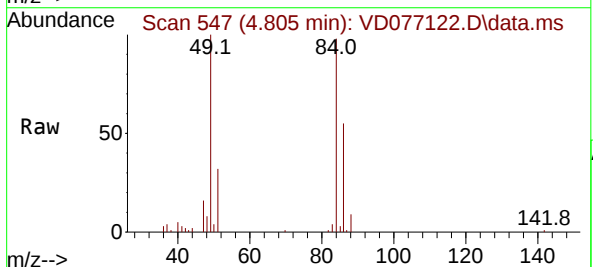
Ion Ratio Lower Upper

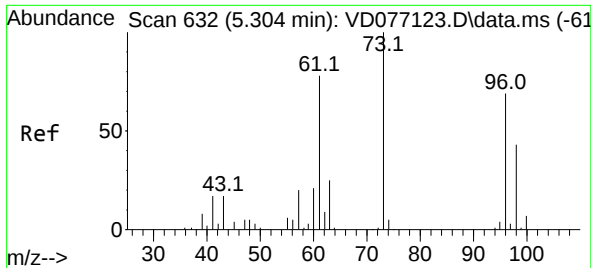
84 100

49 101.7 71.4 107.2

51 32.4 24.5 36.7

86 55.5 48.7 73.1





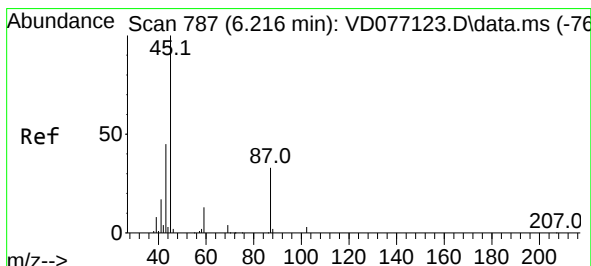
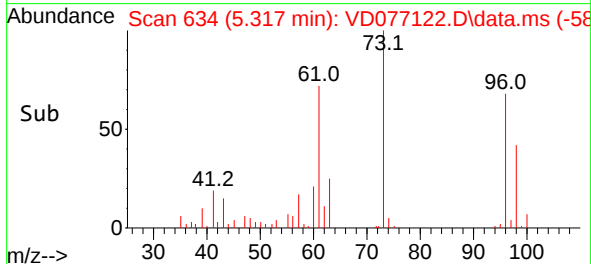
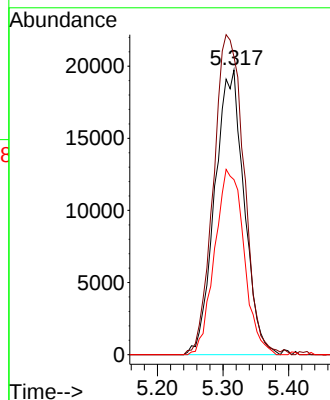
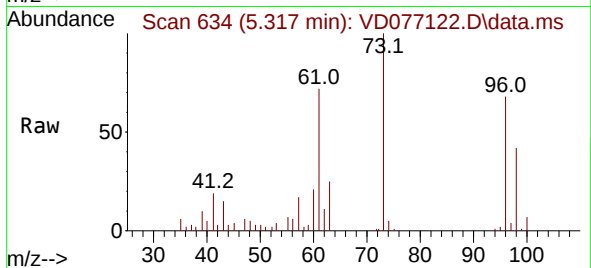
#21
trans-1,2-Dichloroethene
Concen: 20.472 ug/l
RT: 5.317 min Scan# 61249
Delta R.T. 0.012 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 61249
Ion Ratio Lower Upper
96 100
61 104.7 89.3 133.9
98 61.5 48.6 73.0

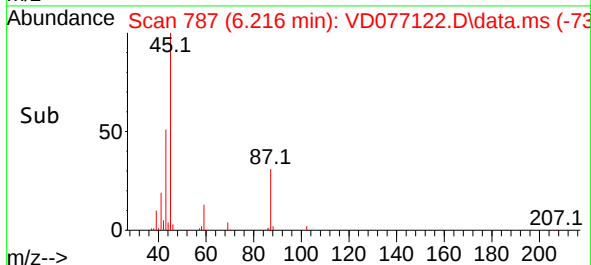
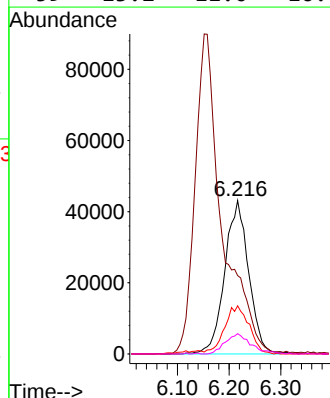
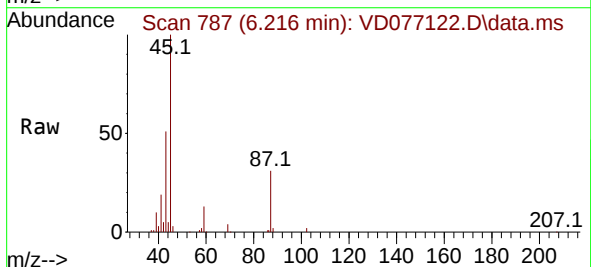
Manual Integrations
APPROVED

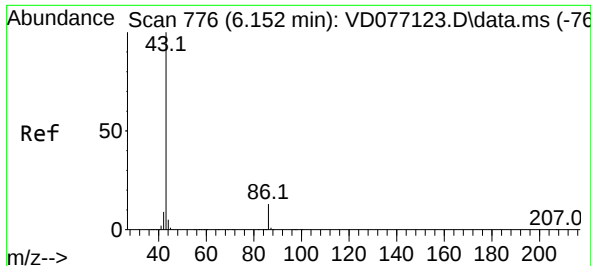
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#22
Diisopropyl ether
Concen: 20.272 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

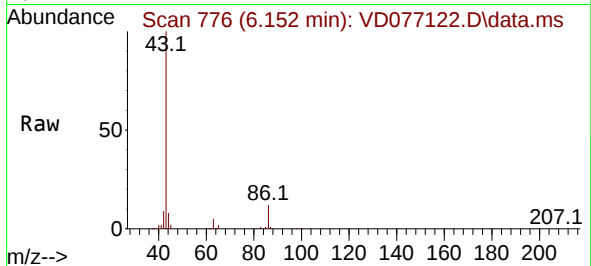
Tgt Ion: 45 Resp: 138404
Ion Ratio Lower Upper
45 100
43 49.5 40.0 60.0
87 31.3 28.2 42.4
59 13.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 93.953 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077122.D
 Acq: 18 Sep 2023 11:12

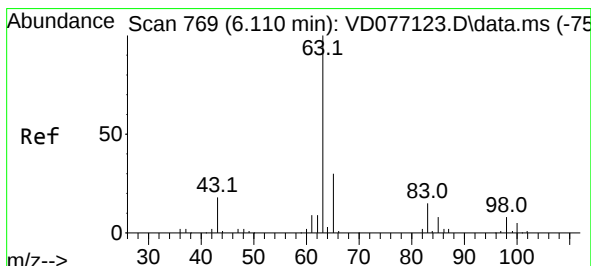
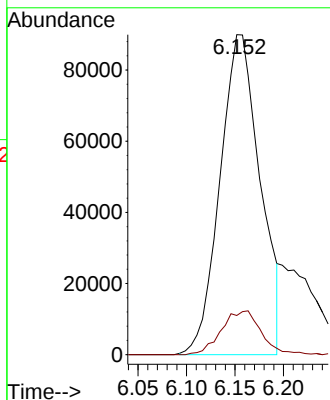
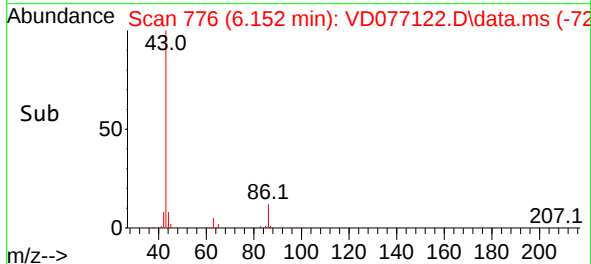
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



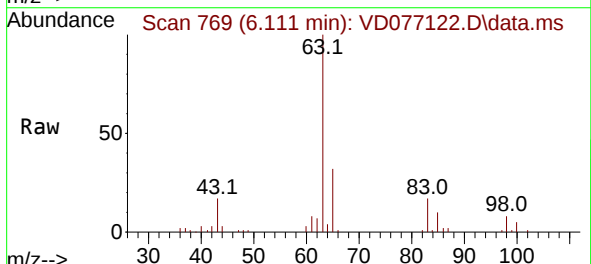
Tgt Ion: 43 Resp: 25903
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.5 18.7

Manual Integrations
 APPROVED

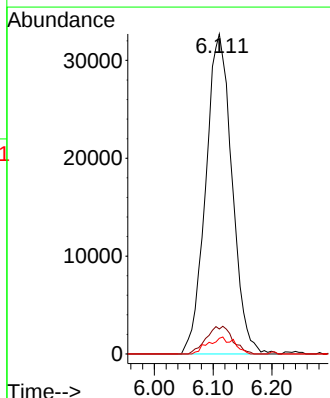
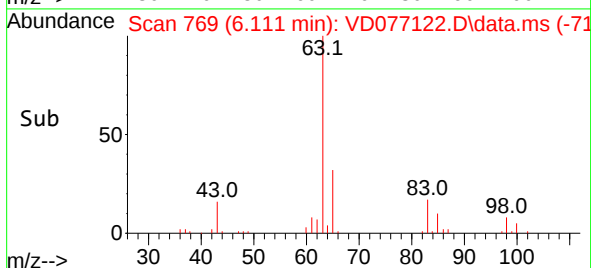
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

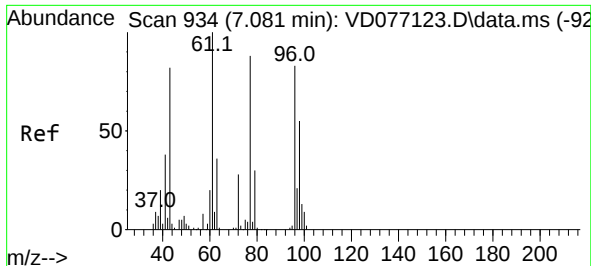


#24
 1,1-Dichloroethane
 Concen: 20.732 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077122.D
 Acq: 18 Sep 2023 11:12



Tgt Ion: 63 Resp: 101591
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 95.131 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 61419

Ion Ratio Lower Upper

43 100

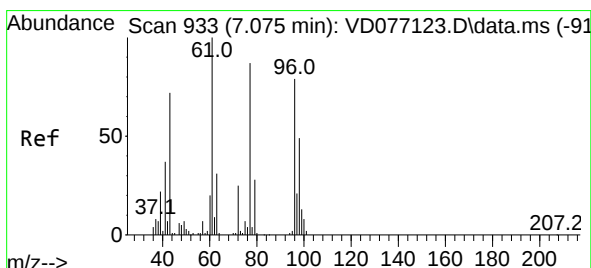
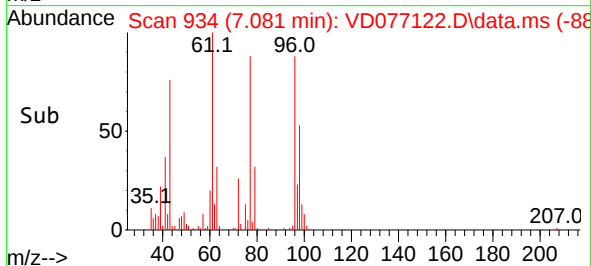
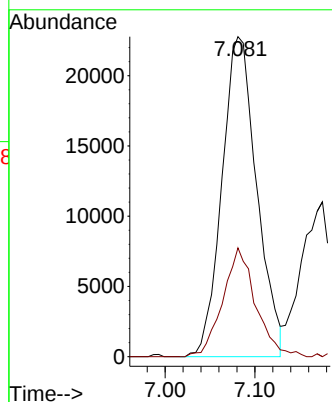
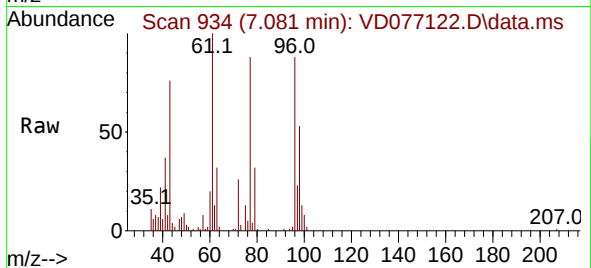
72 34.0 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#26

2,2-Dichloropropane

Concen: 20.318 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077122.D

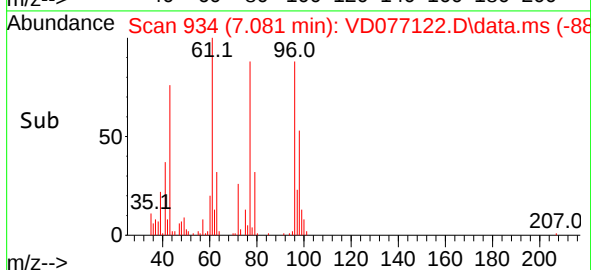
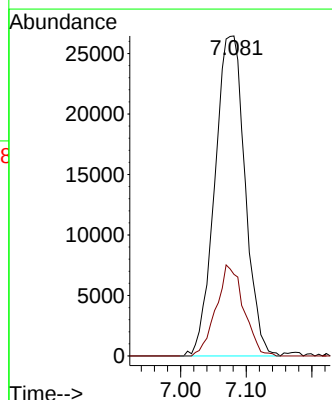
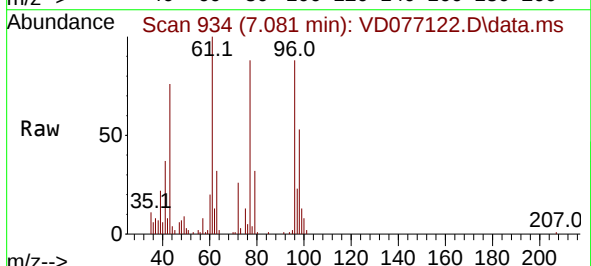
Acq: 18 Sep 2023 11:12

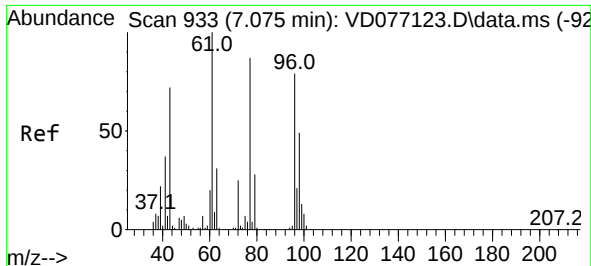
Tgt Ion: 77 Resp: 84511

Ion Ratio Lower Upper

77 100

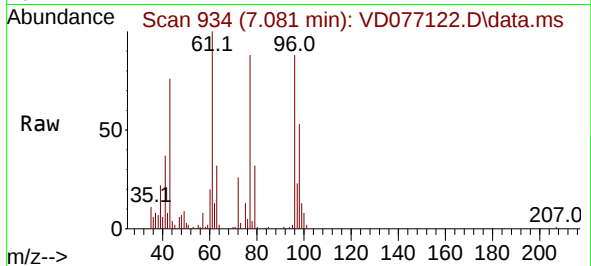
97 25.9 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.023 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077122.D
 Acq: 18 Sep 2023 11:12

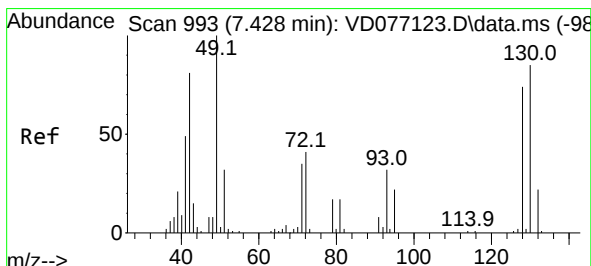
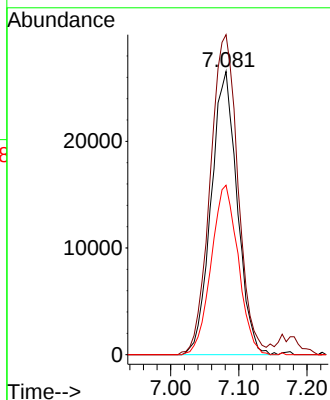
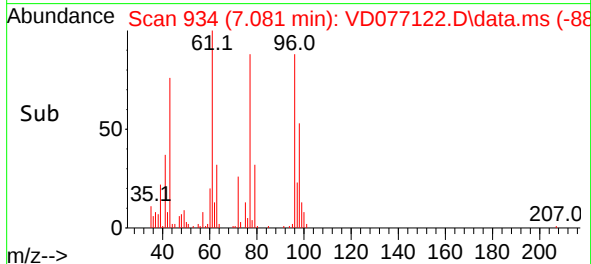
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 70708
 Ion Ratio Lower Upper
 96 100
 61 120.3 0.0 239.2
 98 62.0 0.0 128.6

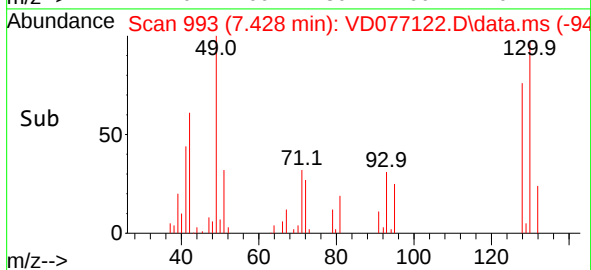
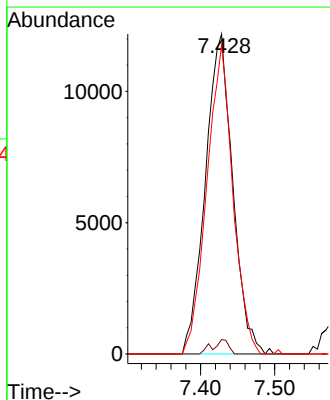
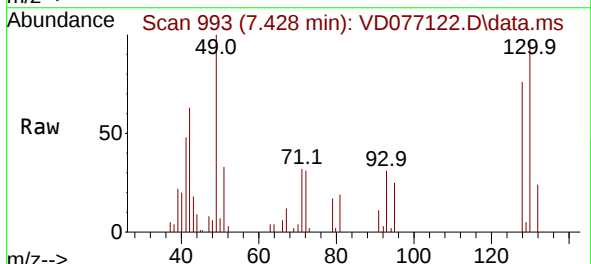
Manual Integrations
 APPROVED

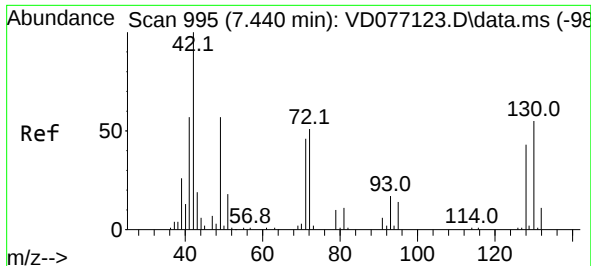
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#28
 Bromochloromethane
 Concen: 20.816 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077122.D
 Acq: 18 Sep 2023 11:12

Tgt Ion: 49 Resp: 31321
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 91.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 95.786 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

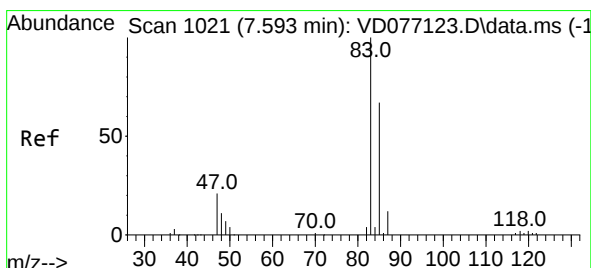
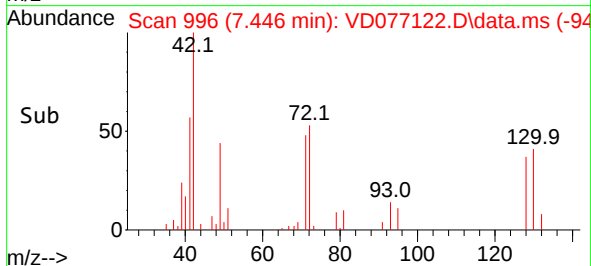
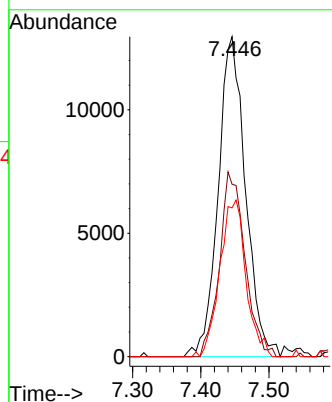
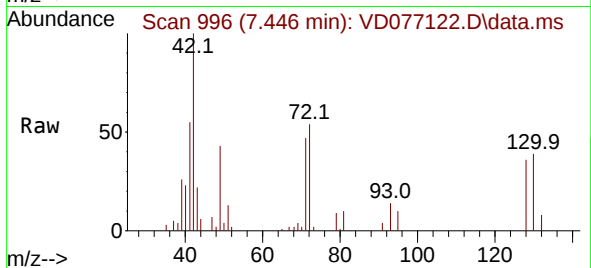
VSTDICC020

Tgt Ion:	42	Resp:	3615
Ion Ratio	Lower	Upper	
42	100		
72	53.7	46.5	69.7
71	46.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#30

Chloroform

Concen: 21.110 ug/l

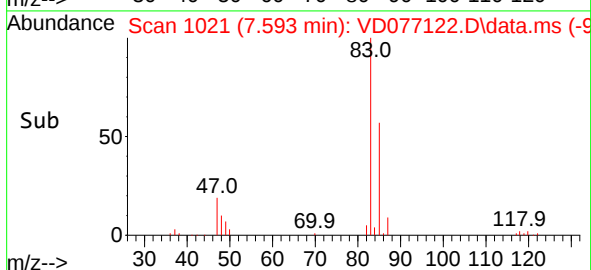
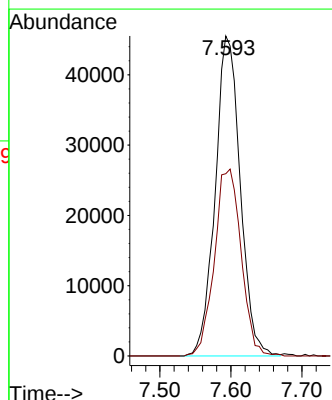
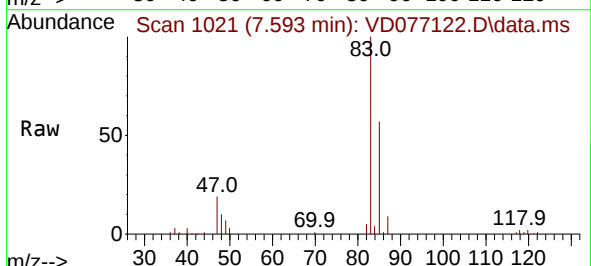
RT: 7.593 min Scan# 1021

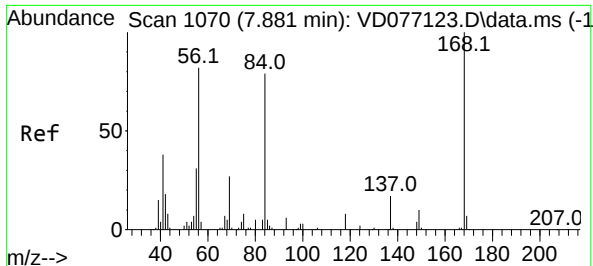
Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

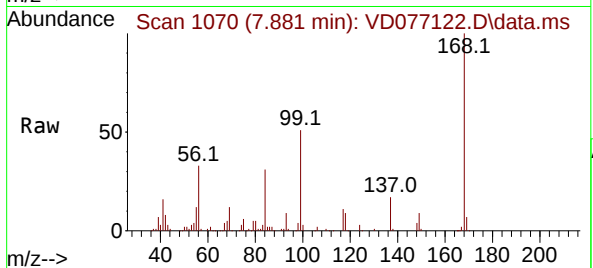
Tgt Ion:	83	Resp:	111484
Ion Ratio	Lower	Upper	
83	100		
85	56.9	53.4	80.2





#31
Cyclohexane
Concen: 20.734 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

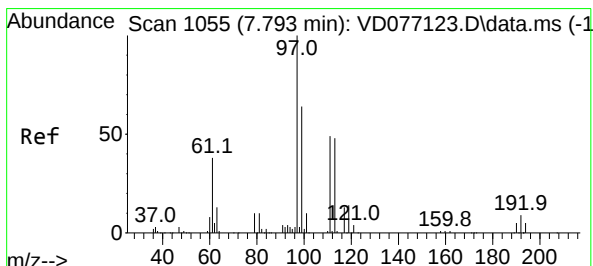
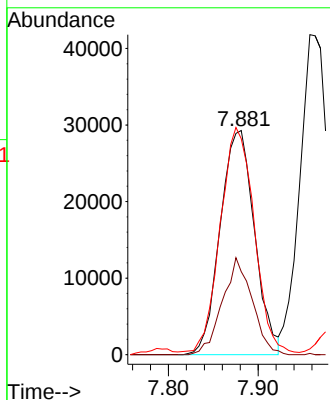
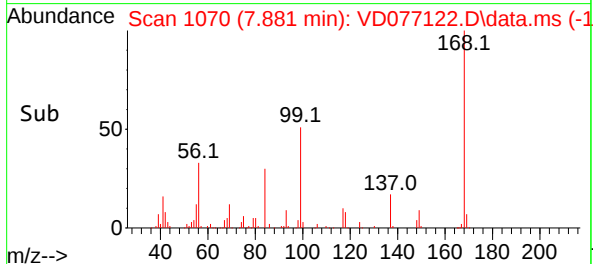
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



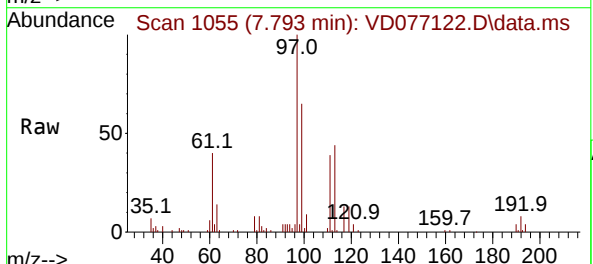
Tgt Ion: 56 Resp: 7788
Ion Ratio Lower Upper
56 100
69 37.0 28.6 43.0
84 95.1 84.8 127.2

Manual Integrations
APPROVED

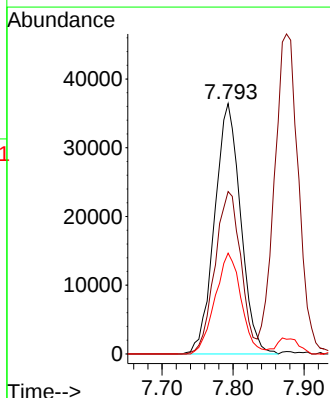
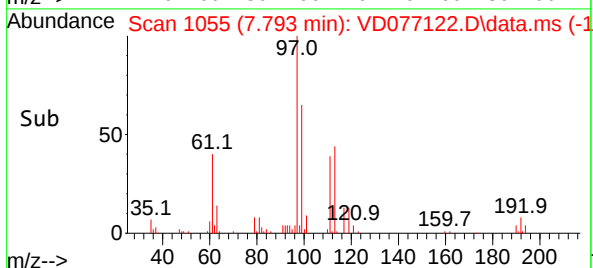
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

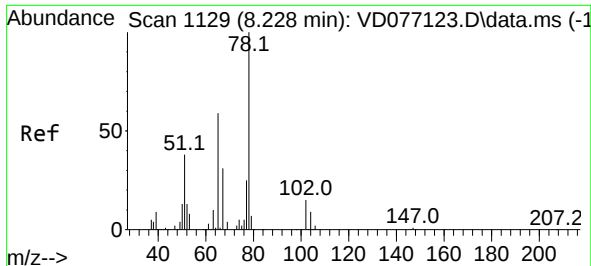


#32
1,1,1-Trichloroethane
Concen: 21.030 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12



Tgt Ion: 97 Resp: 92702
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 40.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 19.869 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4266

Ion Ratio Lower Upper

65 100

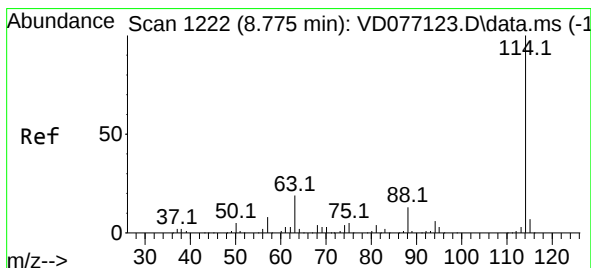
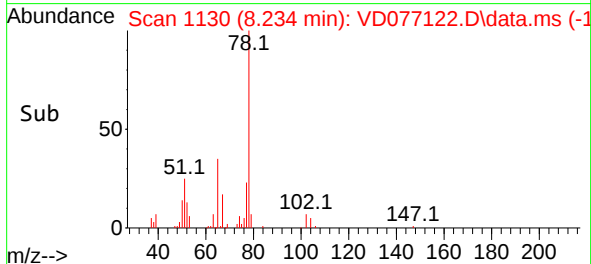
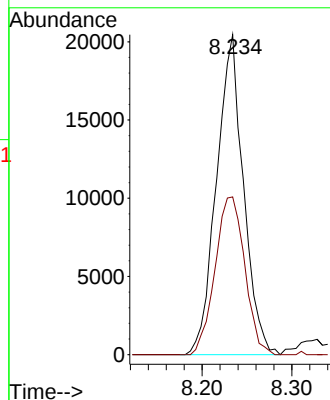
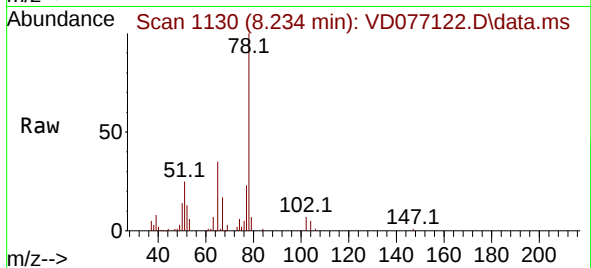
67 54.3 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

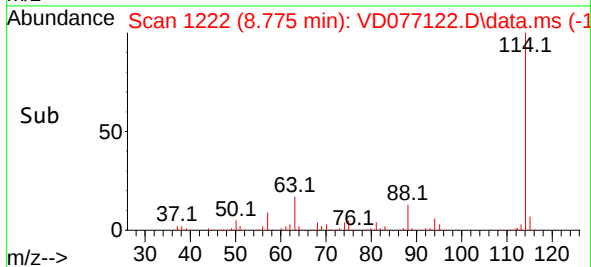
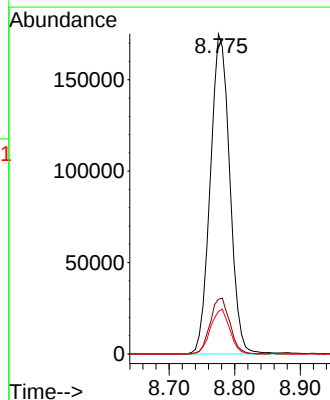
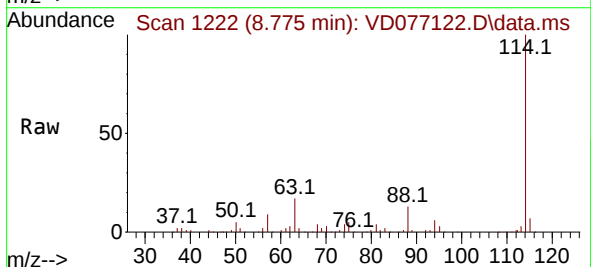
Tgt Ion:114 Resp: 360421

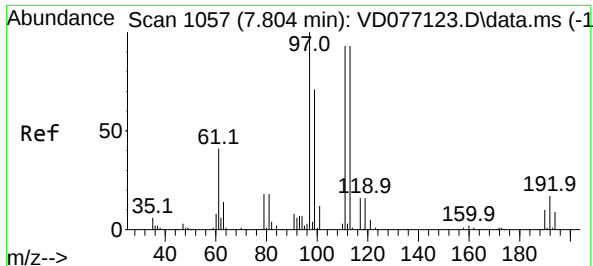
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 20.516 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

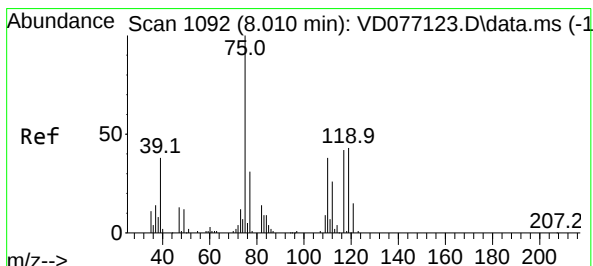
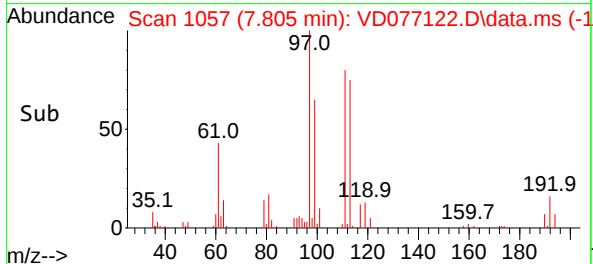
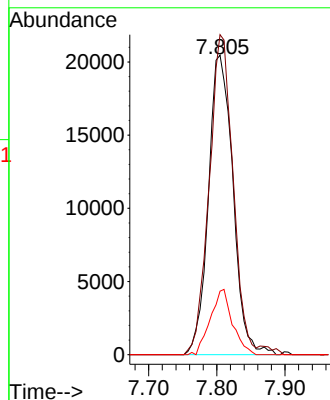
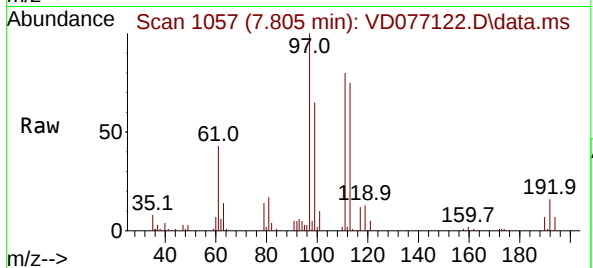
VSTDICC020

Tgt Ion:	113	Resp:	51360
Ion Ratio	Lower	Upper	
113	100		
111	103.4	84.7	127.1
192	19.6	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#36

1,1-Dichloropropene

Concen: 21.049 ug/l

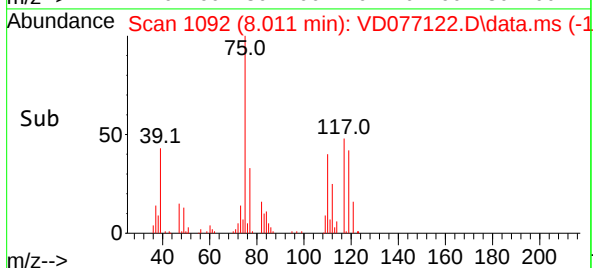
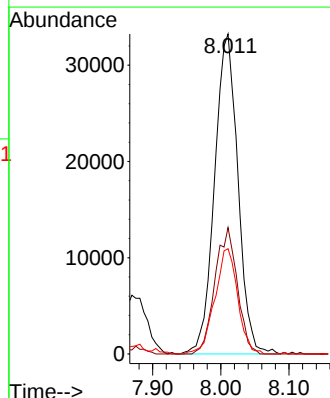
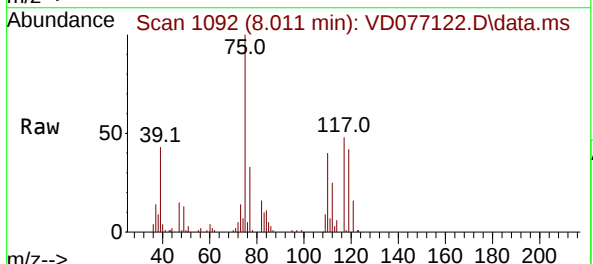
RT: 8.011 min Scan# 1092

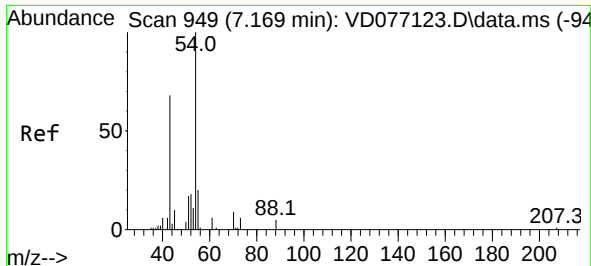
Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Tgt Ion:	75	Resp:	79361
Ion Ratio	Lower	Upper	
75	100		
110	37.7	19.9	59.6
77	32.2	24.7	37.1





#37

Ethyl Acetate

Concen: 20.030 ug/l

RT: 7.175 min Scan# 949

Delta R.T. 0.006 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

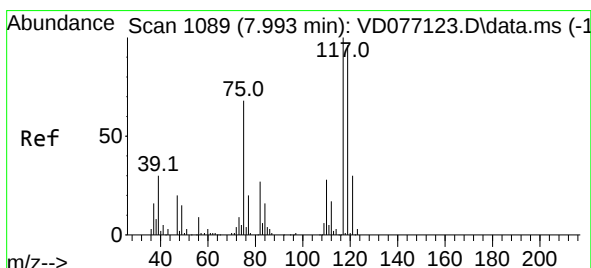
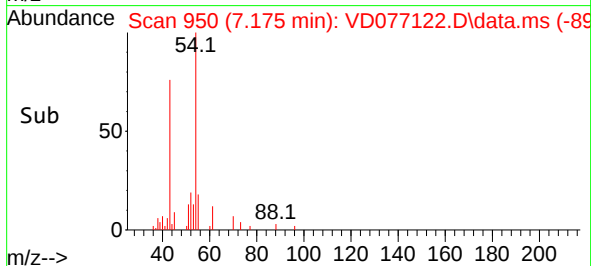
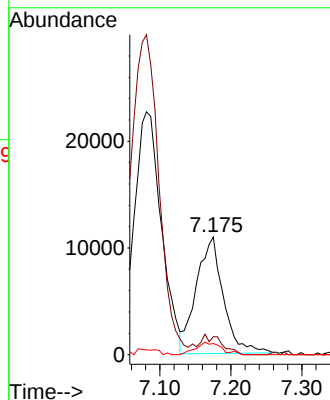
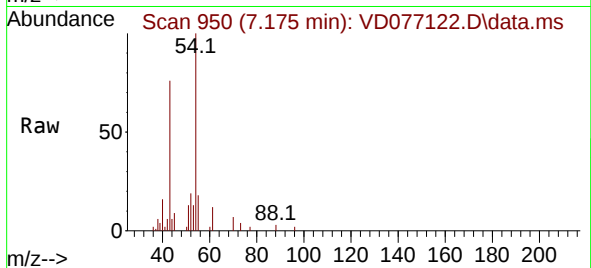
VSTDICC020

Tgt Ion:	43	Resp:	2897
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3
70	9.9	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#38

Carbon Tetrachloride

Concen: 20.706 ug/l

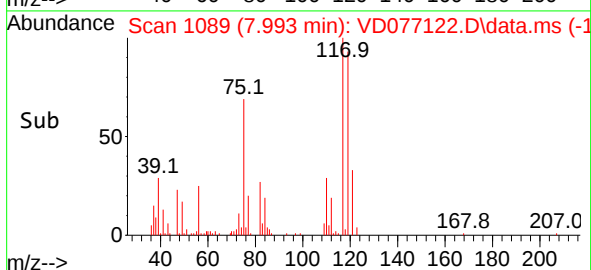
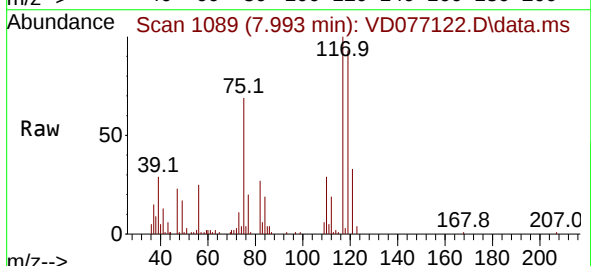
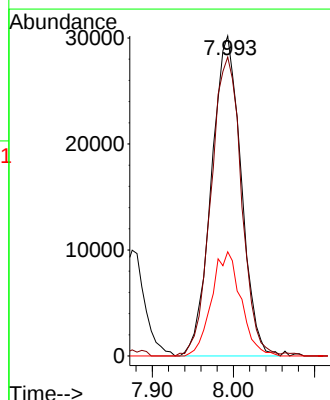
RT: 7.993 min Scan# 1089

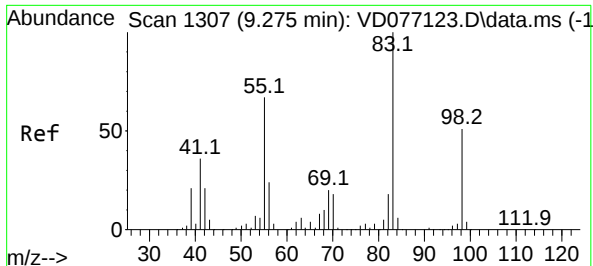
Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Tgt Ion:	117	Resp:	76730
Ion	Ratio	Lower	Upper
117	100		
119	92.8	78.0	117.0
121	32.5	24.2	36.2





#39

Methylcyclohexane

Concen: 20.347 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

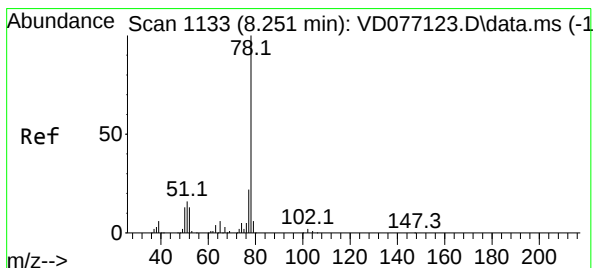
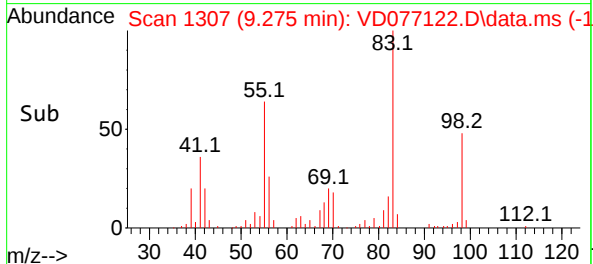
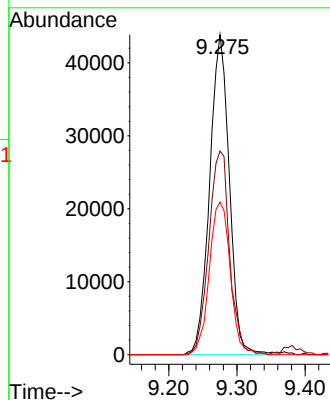
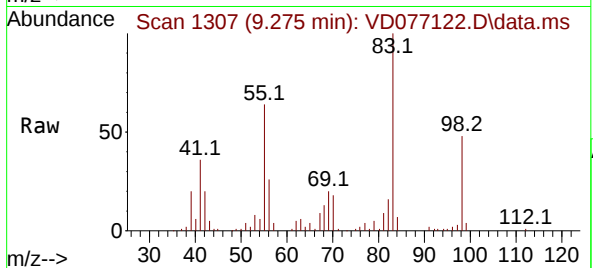
VSTDICC020

Tgt Ion: 83	Resp: 8826
Ion Ratio	Lower Upper
83	100
55	63.6 49.4 74.0
98	47.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#40

Benzene

Concen: 20.923 ug/l

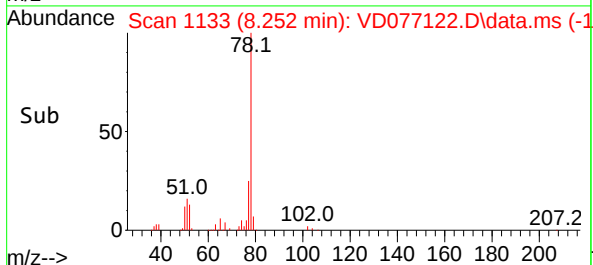
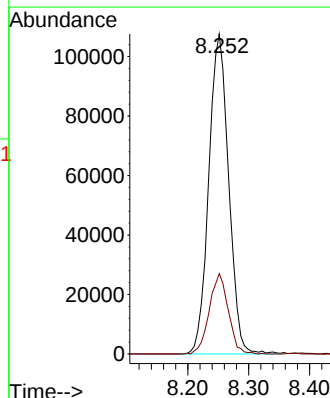
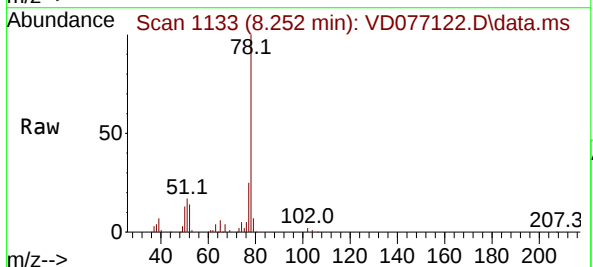
RT: 8.252 min Scan# 1133

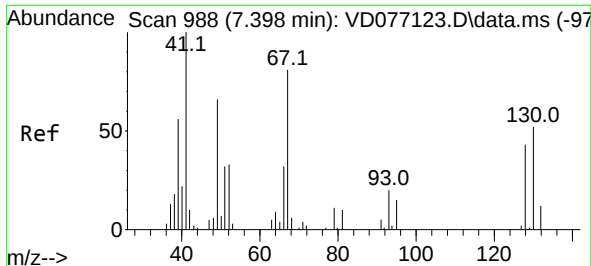
Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Tgt Ion: 78	Resp: 244056
Ion Ratio	Lower Upper
78	100
77	25.1 19.4 29.0





#41
Methacrylonitrile
Concen: 21.788 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

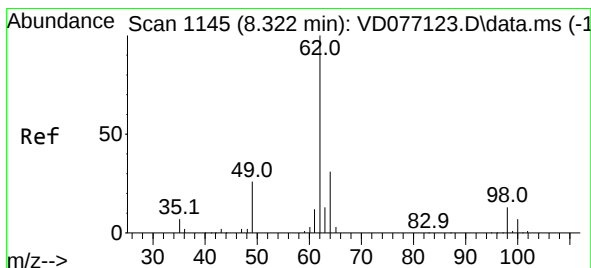
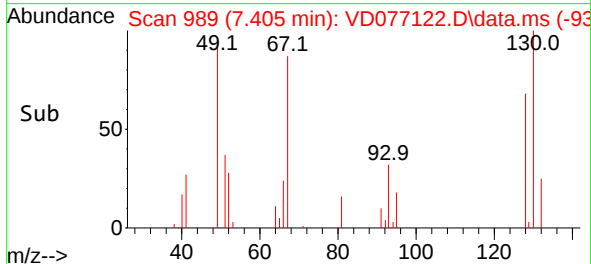
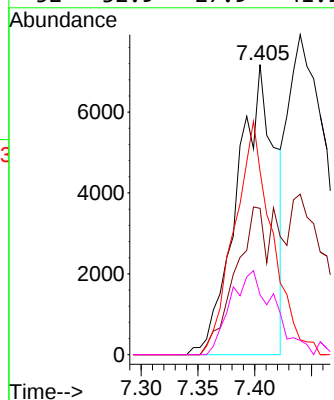
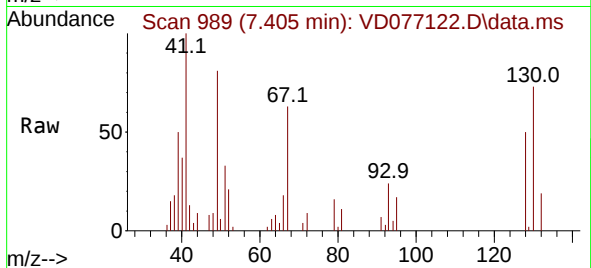
VSTDICC020

Tgt Ion: 41 Resp: 1682
Ion Ratio Lower Upper
41 100
39 40.6 34.0 51.0
67 79.2 77.0 115.4
52 32.9 27.9 41.9

Manual Integrations

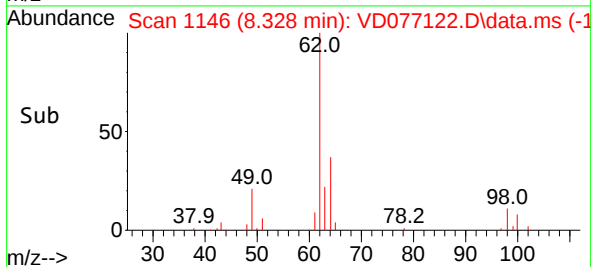
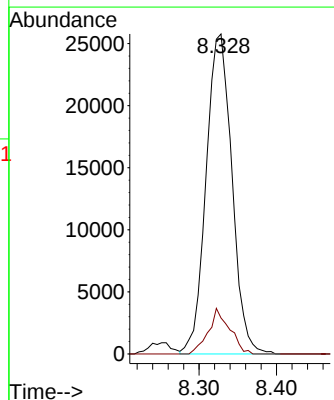
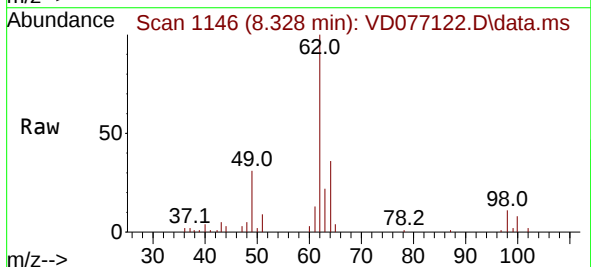
APPROVED

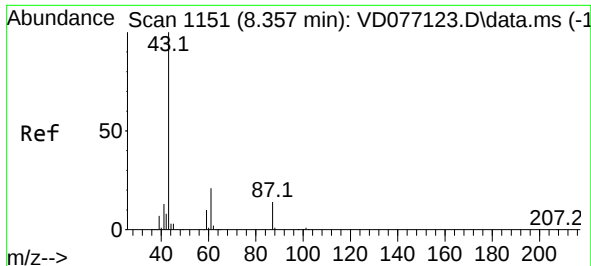
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#42
1,2-Dichloroethane
Concen: 20.677 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

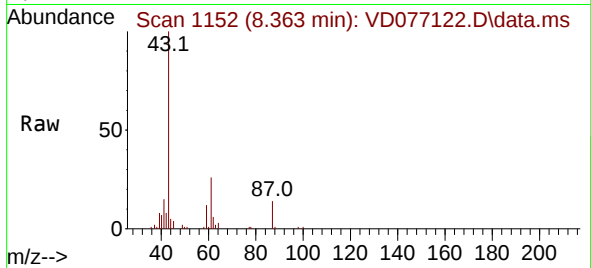
Tgt Ion: 62 Resp: 59798
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 19.472 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

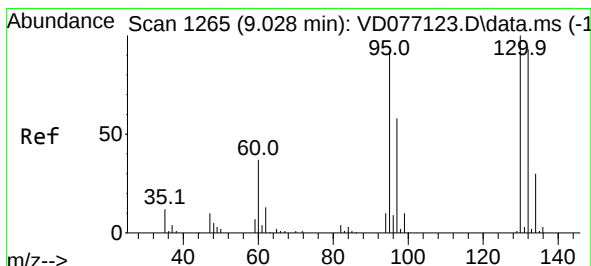
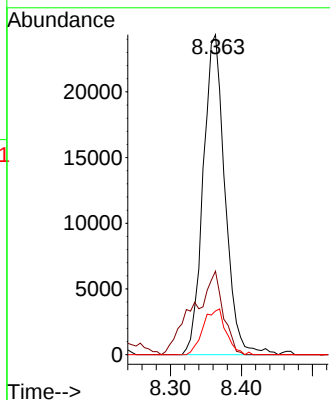
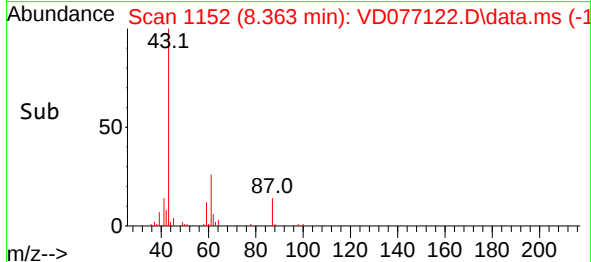
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 5185
Ion Ratio Lower Upper
43 100
61 35.7 31.4 47.0
87 15.1 14.9 22.3

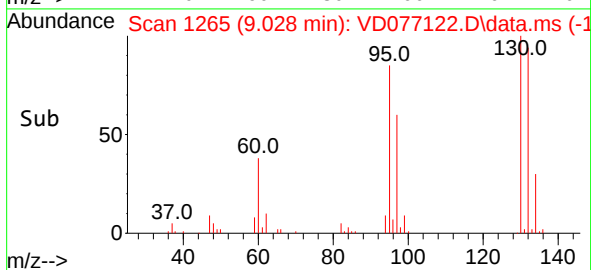
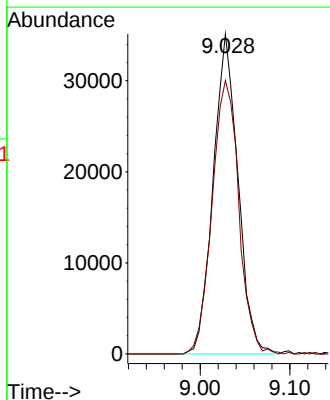
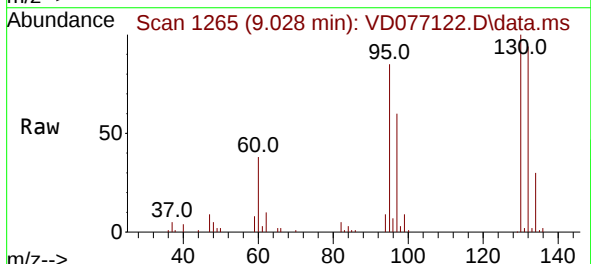
Manual Integrations
APPROVED

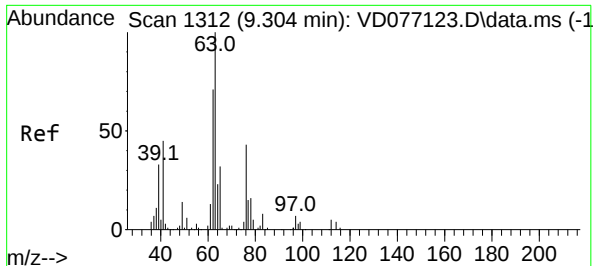
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#44
Trichloroethene
Concen: 20.811 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion:130 Resp: 67188
Ion Ratio Lower Upper
130 100
95 85.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.231 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 57320

Ion Ratio Lower Upper

63 100

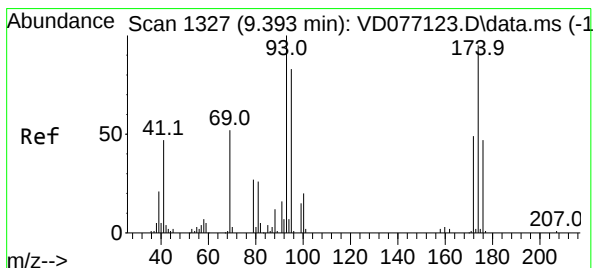
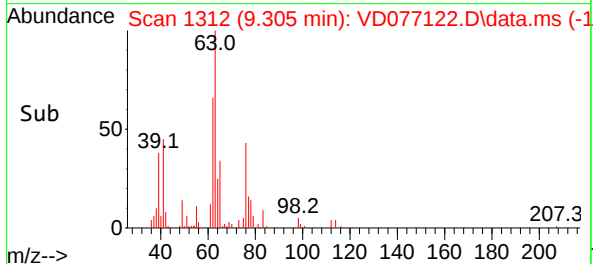
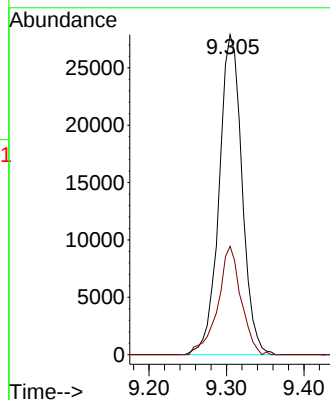
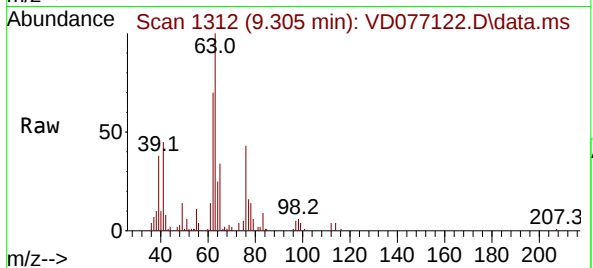
65 33.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#46

Dibromomethane

Concen: 20.671 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

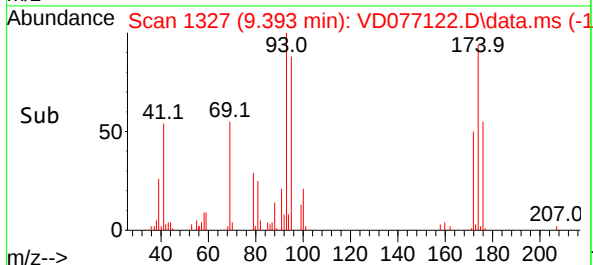
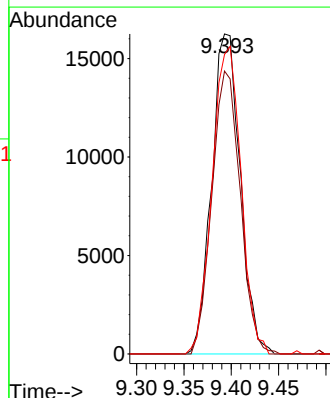
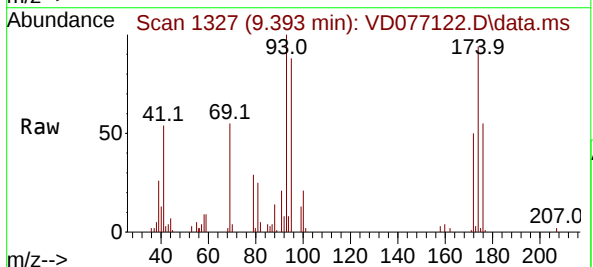
Tgt Ion: 93 Resp: 34032

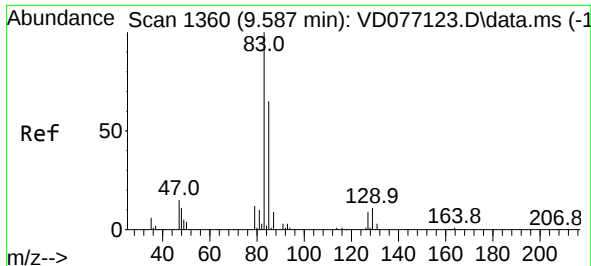
Ion Ratio Lower Upper

93 100

95 87.9 67.7 101.5

174 97.6 85.4 128.2





#47

Bromodichloromethane

Concen: 20.448 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

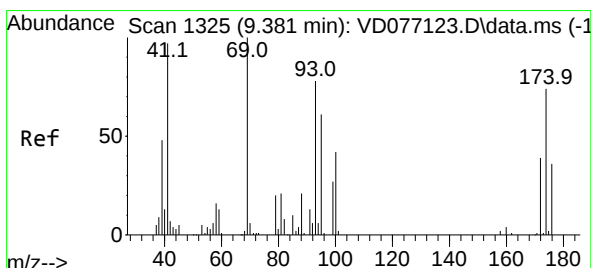
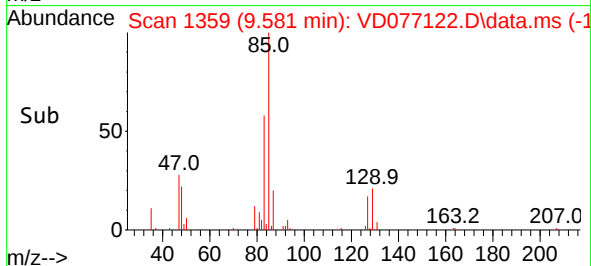
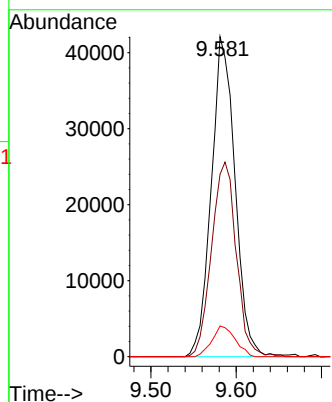
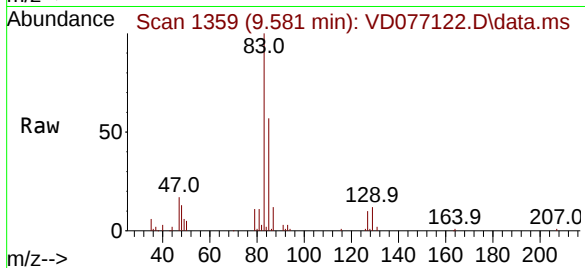
Tgt Ion:	83	Resp:	8135
Ion Ratio	Lower	Upper	
83	100		
85	57.0	50.2	75.4
127	9.6	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#48

Methyl methacrylate

Concen: 20.477 ug/l

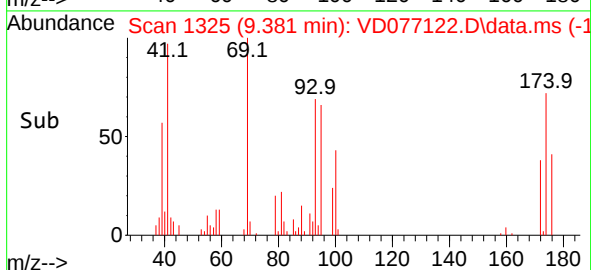
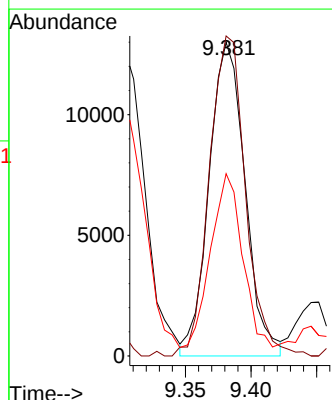
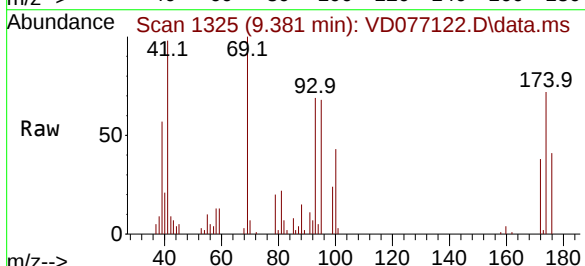
RT: 9.381 min Scan# 1325

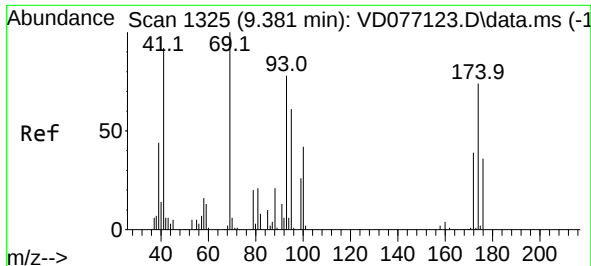
Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Tgt Ion:	41	Resp:	24813
Ion Ratio	Lower	Upper	
41	100		
69	102.5	102.2	153.2
39	55.0	41.4	62.2





#49

1,4-Dioxane

Concen: 362.963 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.012 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

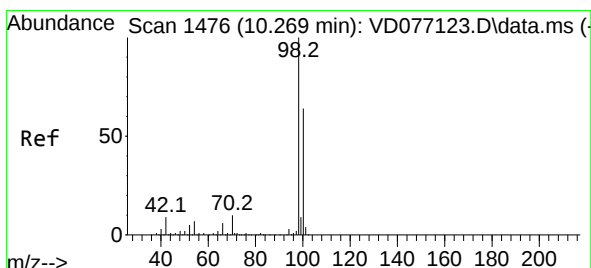
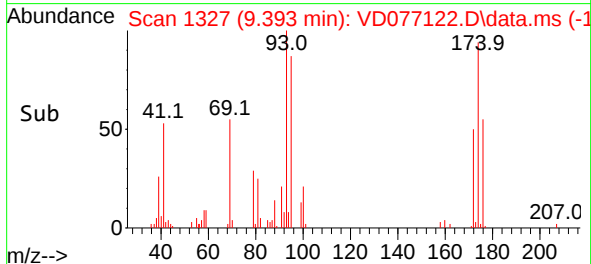
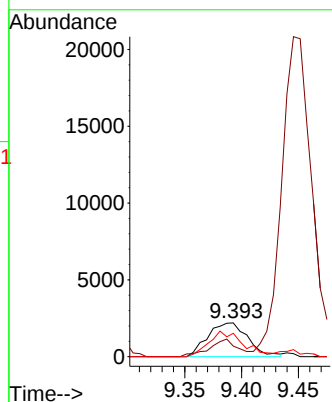
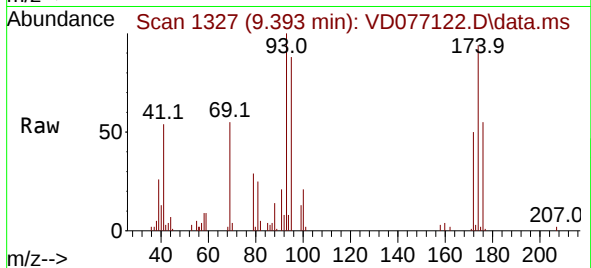
VSTDICC020

Tgt Ion:	88	Resp:	5394
Ion	Ratio	Lower	Upper
88	100		
43	35.6	19.0	28.6
58	65.7	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#50

Toluene-d8

Concen: 20.283 ug/l

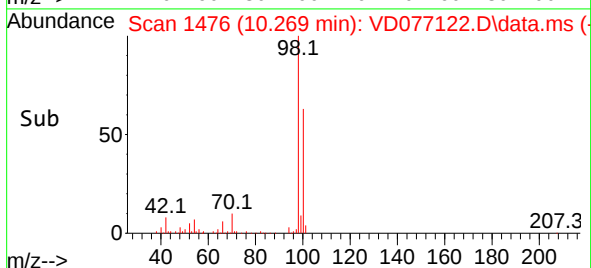
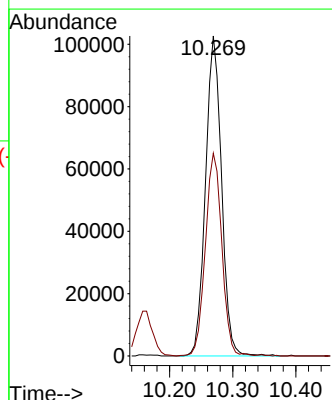
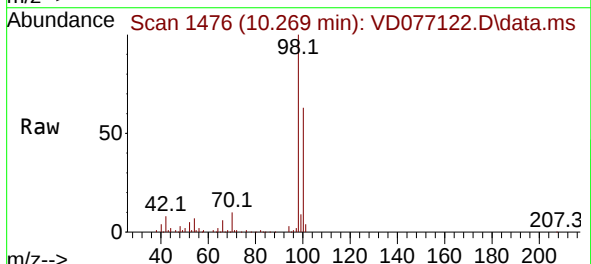
RT: 10.269 min Scan# 1476

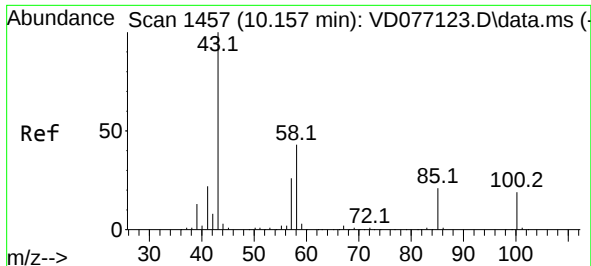
Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

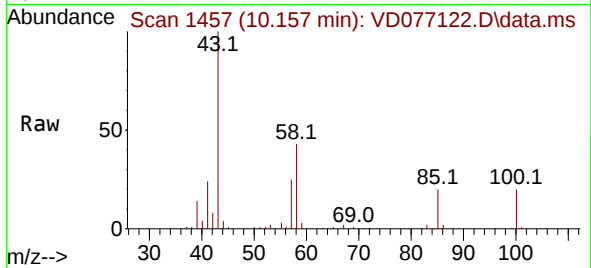
Tgt Ion:	98	Resp:	180740
Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 96.731 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

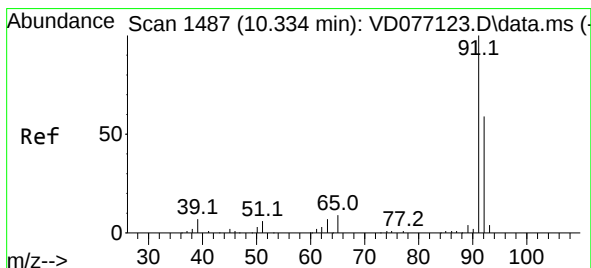
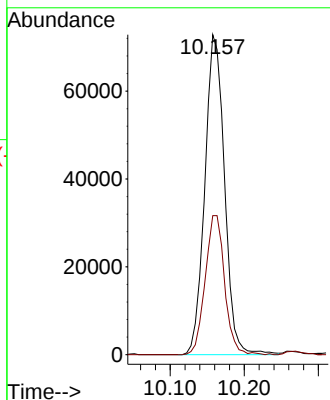
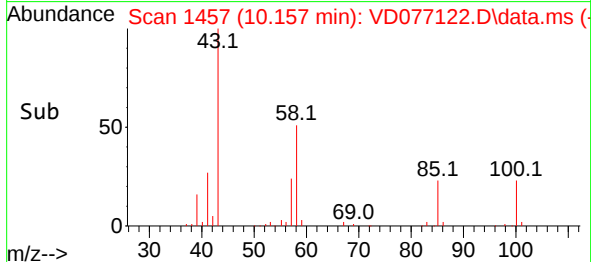
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 13473
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3

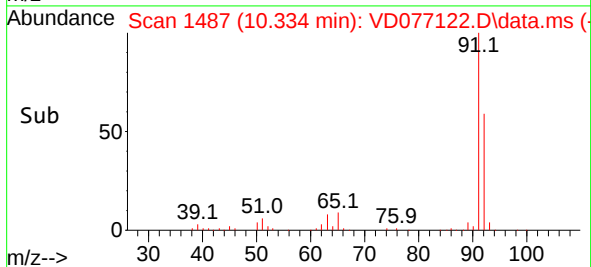
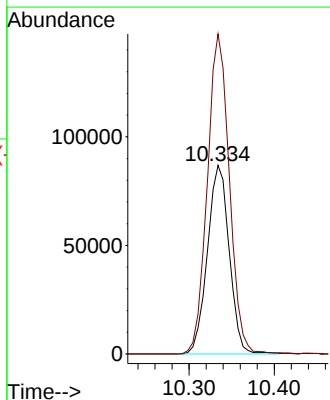
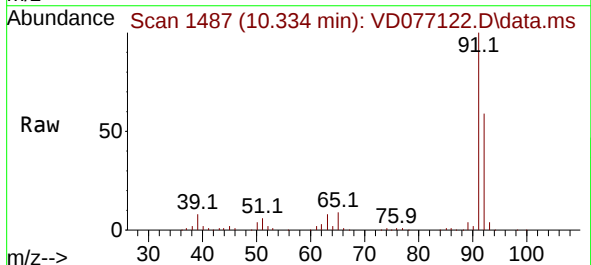
Manual Integrations
APPROVED

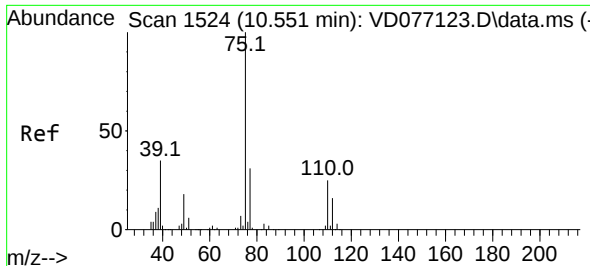
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#52
Toluene
Concen: 20.664 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 92 Resp: 154200
Ion Ratio Lower Upper
92 100
91 172.0 143.0 214.4





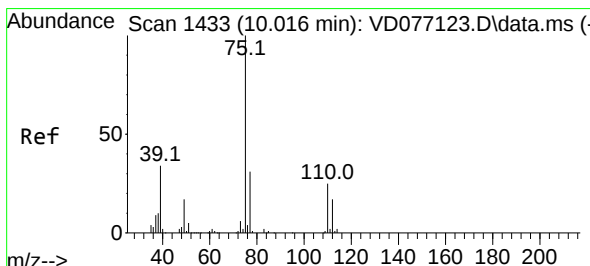
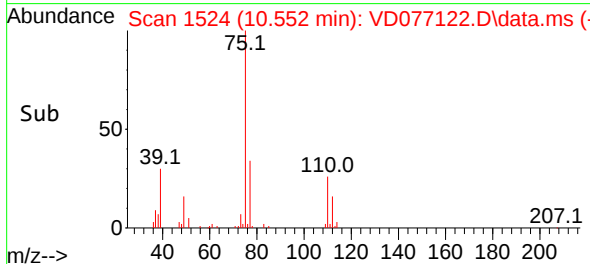
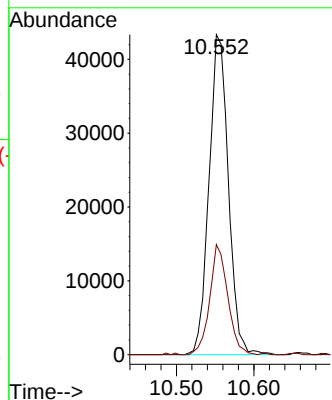
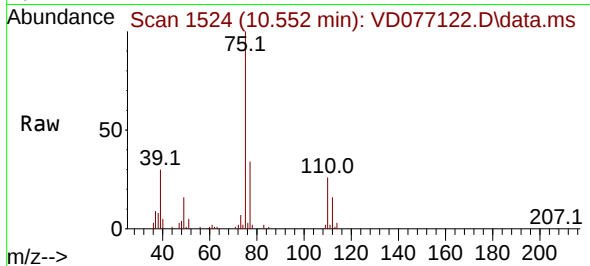
#53
t-1,3-Dichloropropene
Concen: 20.251 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 7527
Ion Ratio Lower Upper
75 100
77 34.4 25.3 37.9

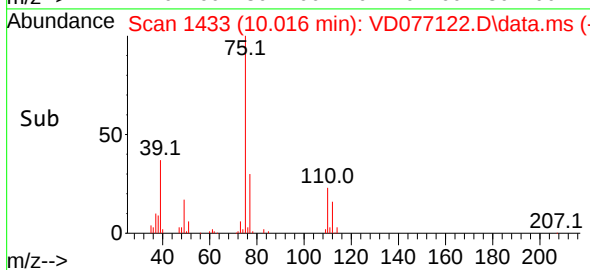
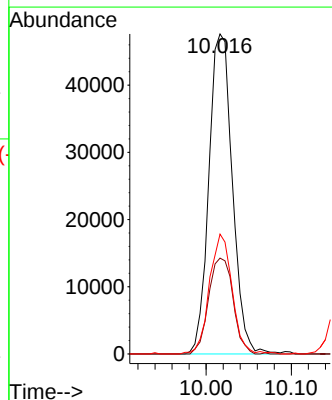
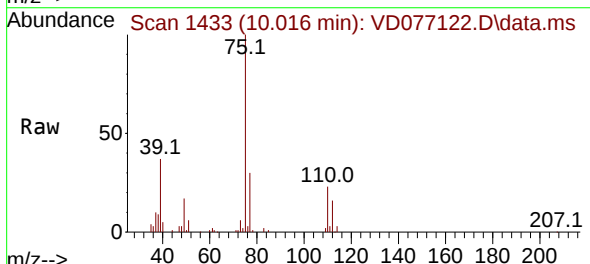
Manual Integrations
APPROVED

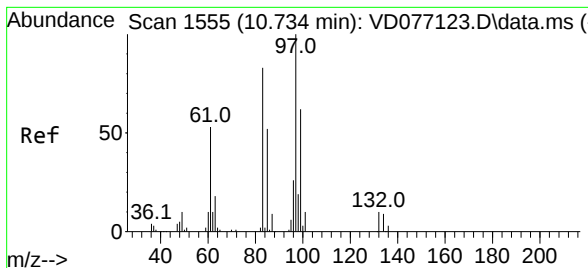
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#54
cis-1,3-Dichloropropene
Concen: 20.502 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

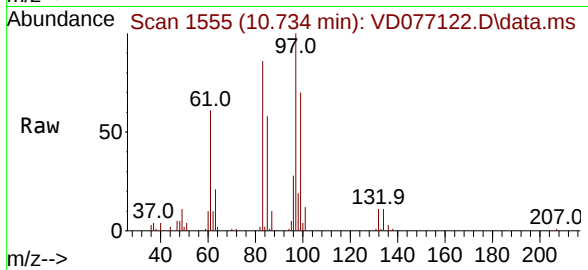
Tgt Ion: 75 Resp: 91302
Ion Ratio Lower Upper
75 100
77 30.0 25.5 38.3
39 37.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.341 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

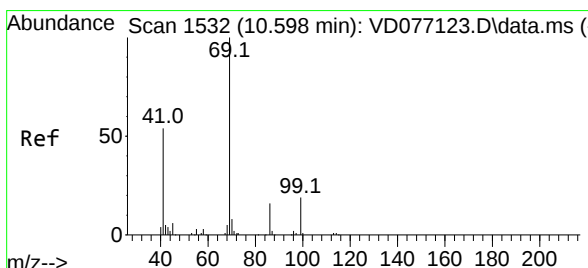
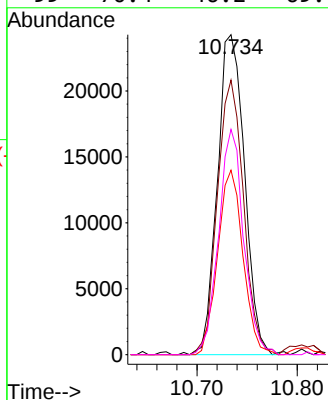
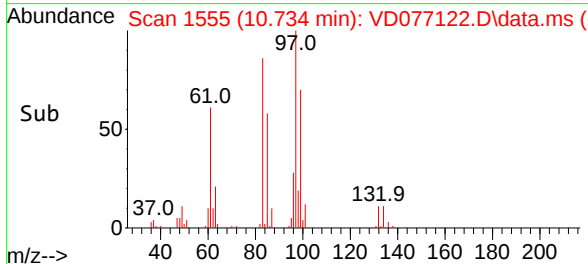
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



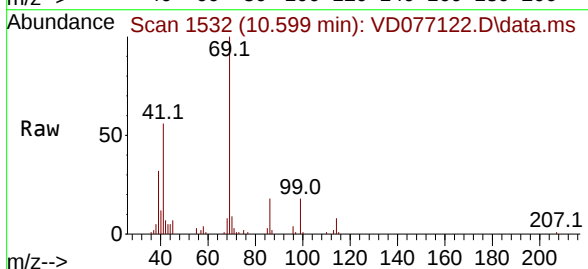
Tgt Ion:	97	Resp:	45550
Ion Ratio	100	Lower	Upper
97	100		
83	85.8	65.8	98.6
85	57.7	45.7	68.5
99	70.4	46.2	69.4

Manual Integrations
APPROVED

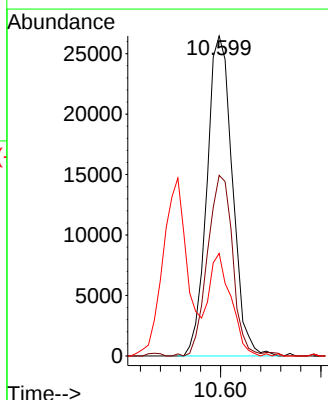
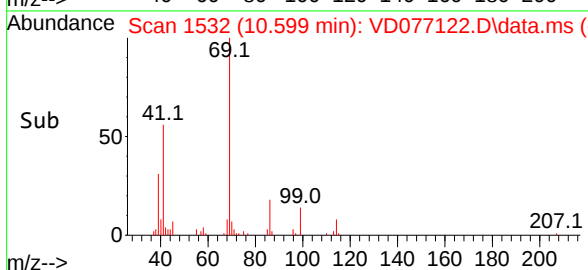
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

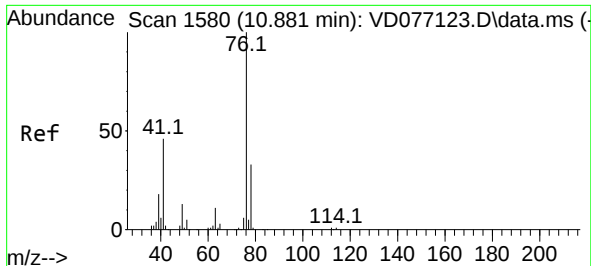


#56
Ethyl methacrylate
Concen: 19.434 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12



Tgt Ion:	69	Resp:	46754
Ion Ratio	100	Lower	Upper
69	100		
41	56.3	39.1	58.7
39	27.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 20.281 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 73519

Ion Ratio Lower Upper

76 100

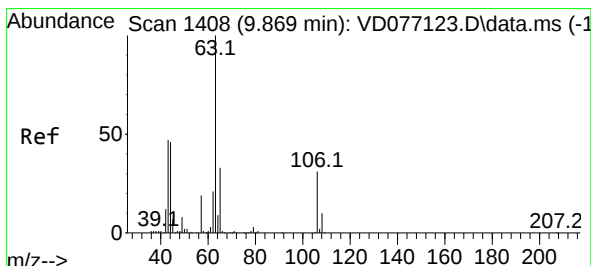
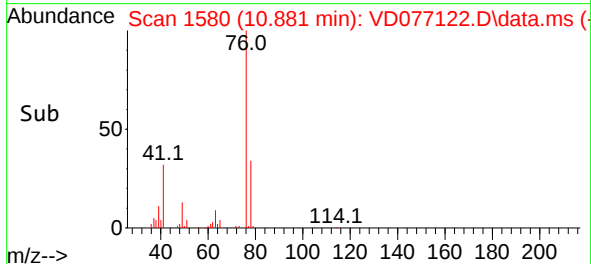
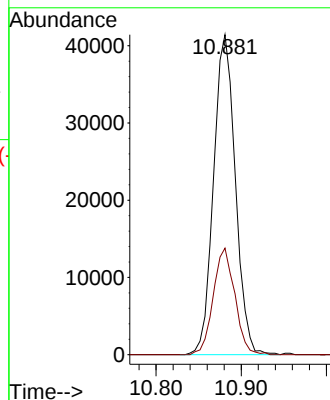
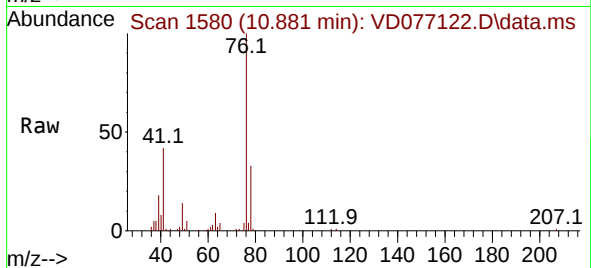
78 33.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 78.296 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077122.D

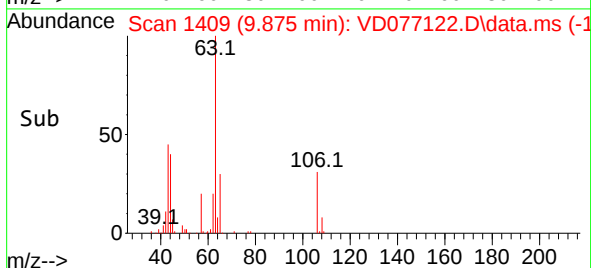
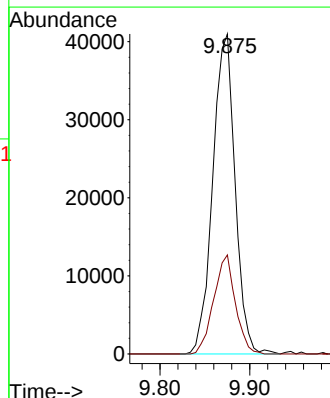
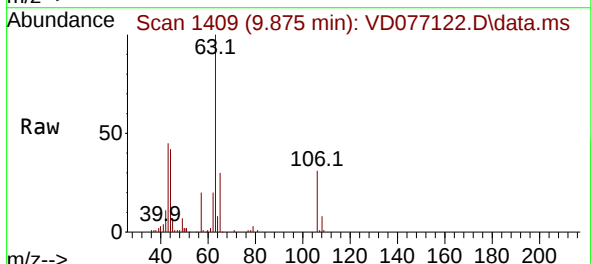
Acq: 18 Sep 2023 11:12

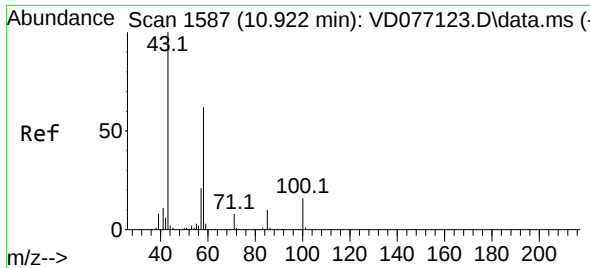
Tgt Ion: 63 Resp: 70930

Ion Ratio Lower Upper

63 100

106 29.9 25.3 37.9





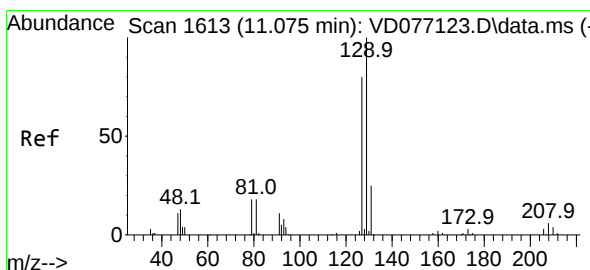
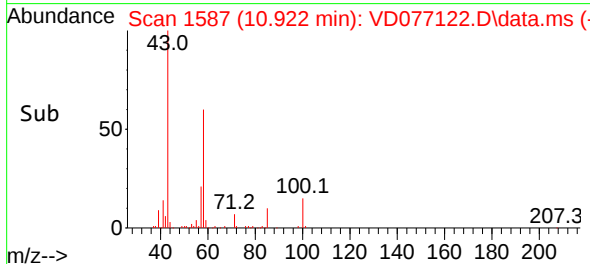
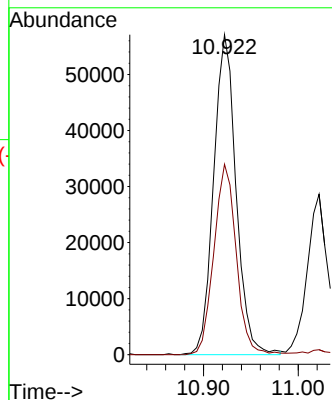
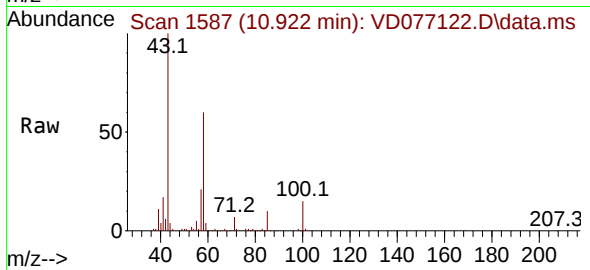
#59
2-Hexanone
Concen: 94.323 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 94264
Ion Ratio Lower Upper
43 100
58 59.2 34.1 102.2

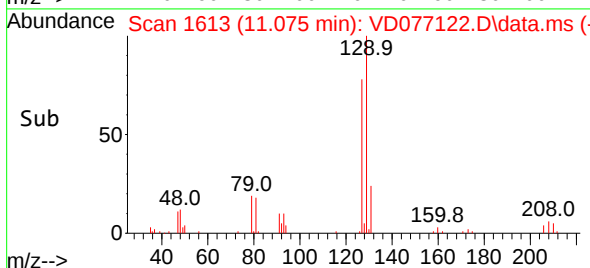
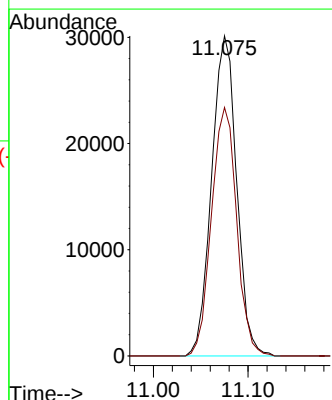
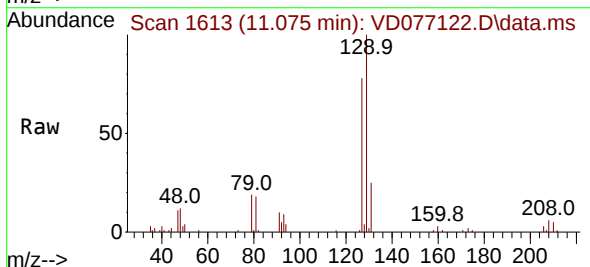
Manual Integrations
APPROVED

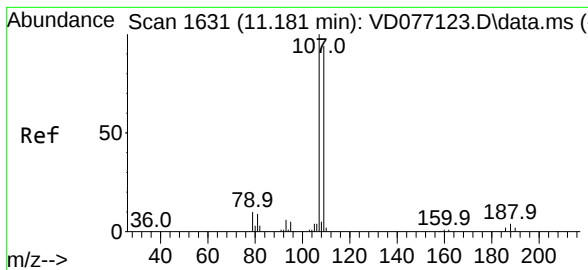
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#60
Dibromochloromethane
Concen: 20.188 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion:129 Resp: 55370
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5





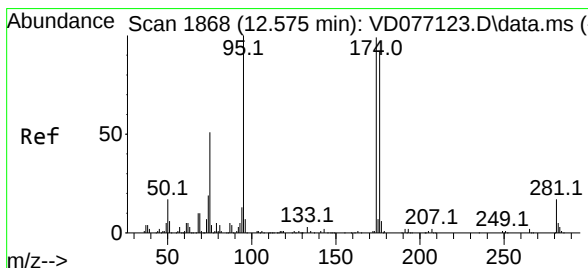
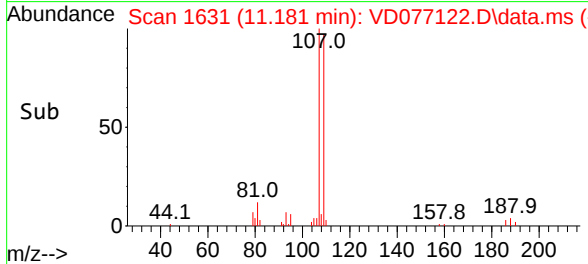
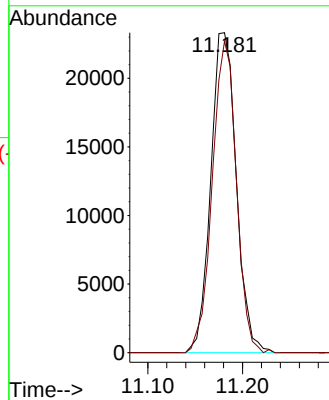
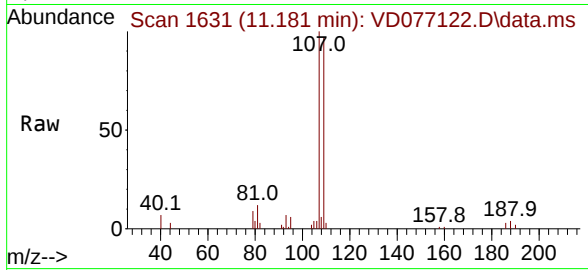
#61
1,2-Dibromoethane
Concen: 20.151 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 4362
Ion Ratio Lower Upper
107 100
109 91.9 75.6 113.4

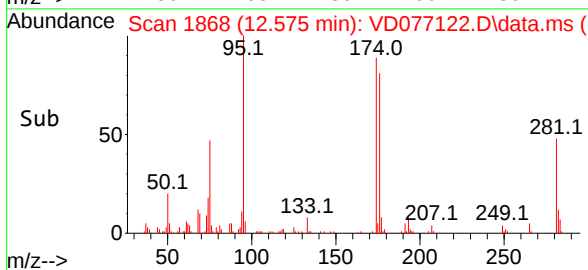
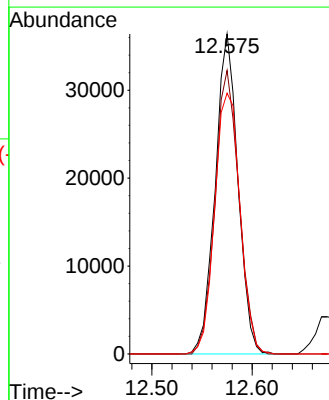
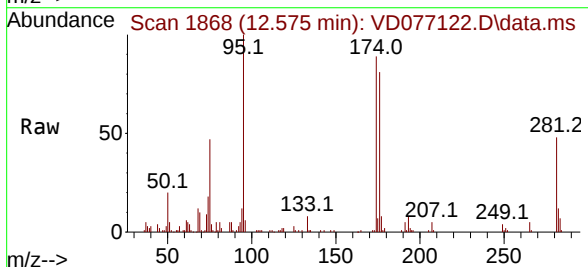
Manual Integrations
APPROVED

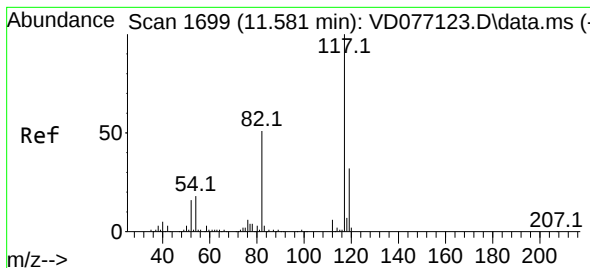
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#62
4-Bromofluorobenzene
Concen: 20.768 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

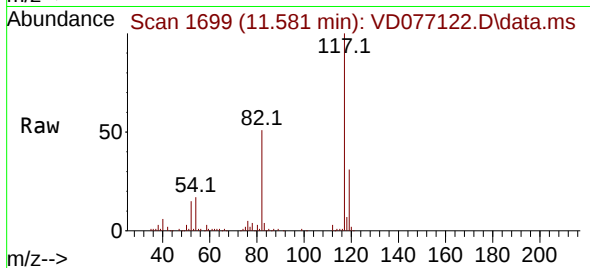
Tgt Ion: 95 Resp: 57358
Ion Ratio Lower Upper
95 100
174 93.2 0.0 201.8
176 91.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

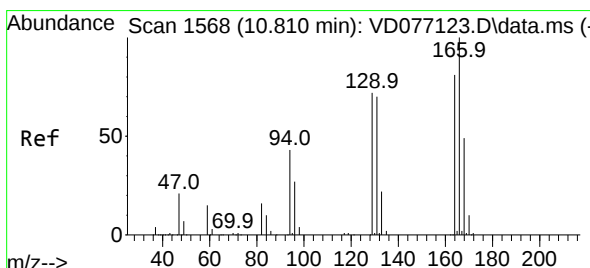
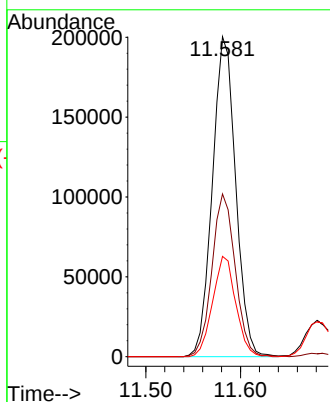
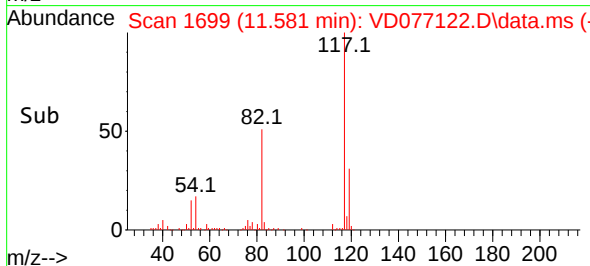
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 342344
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 31.4 25.0 37.4

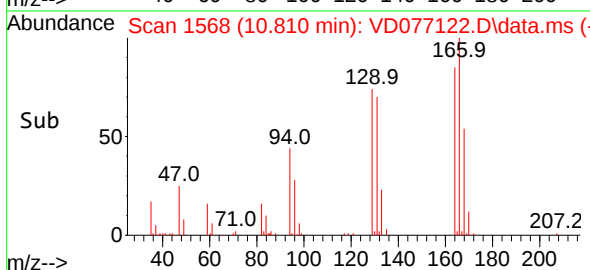
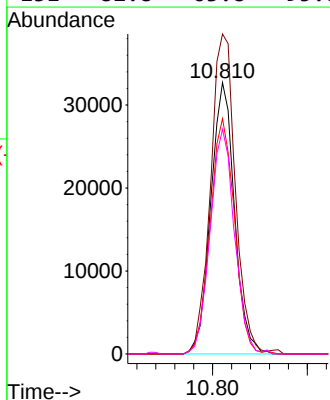
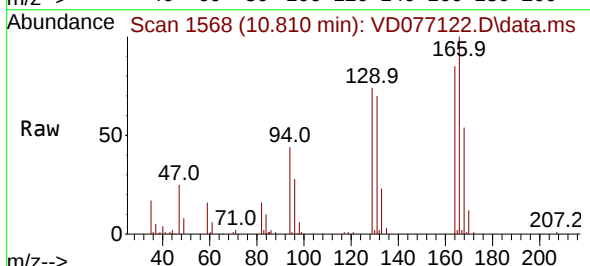
Manual Integrations
APPROVED

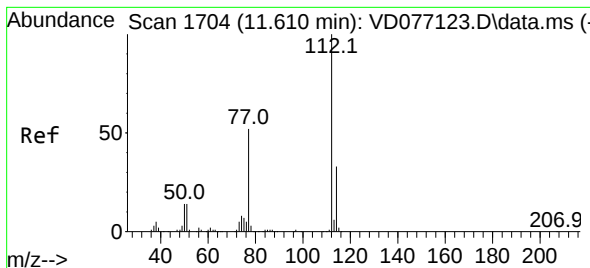
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#64
Tetrachloroethene
Concen: 21.307 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

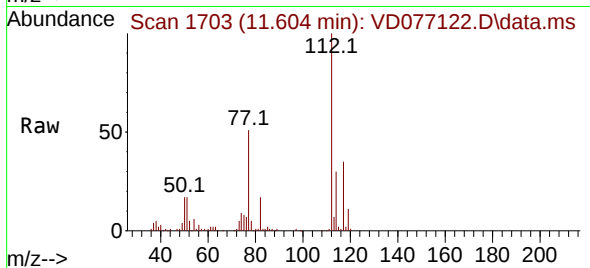
Tgt Ion:164 Resp: 56753
Ion Ratio Lower Upper
164 100
166 117.9 99.2 148.8
129 86.7 68.4 102.6
131 82.8 63.8 95.8





#65
Chlorobenzene
Concen: 20.434 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

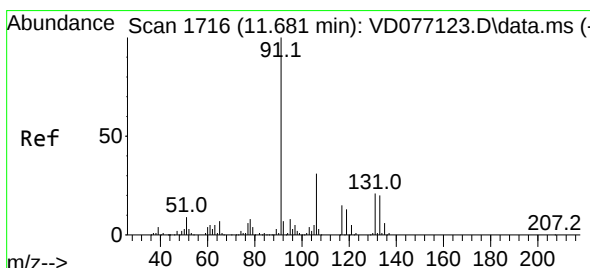
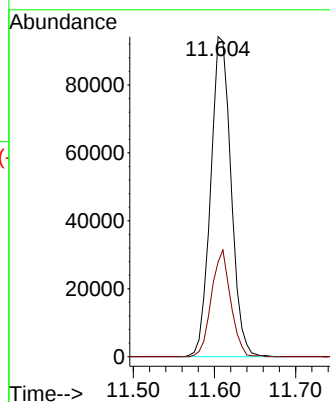
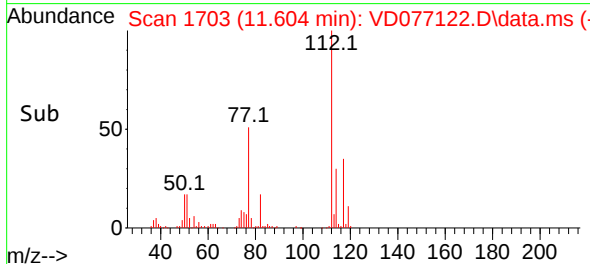
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



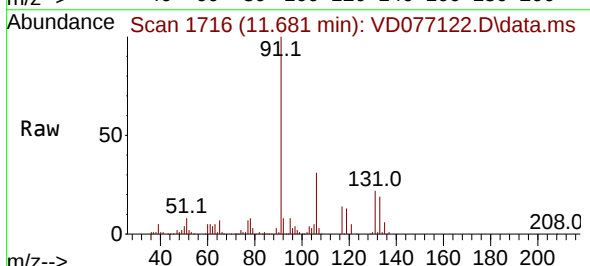
Tgt Ion:112 Resp: 164560
Ion Ratio Lower Upper
112 100
114 29.6 25.1 37.7

Manual Integrations
APPROVED

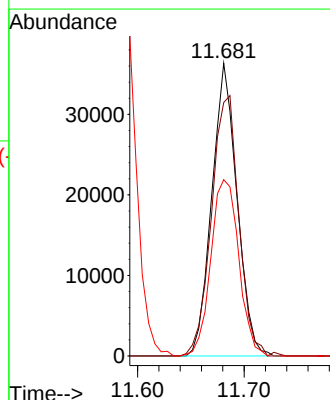
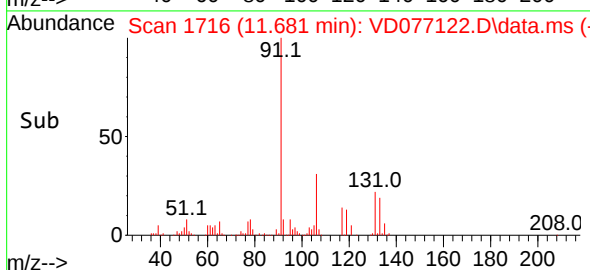
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

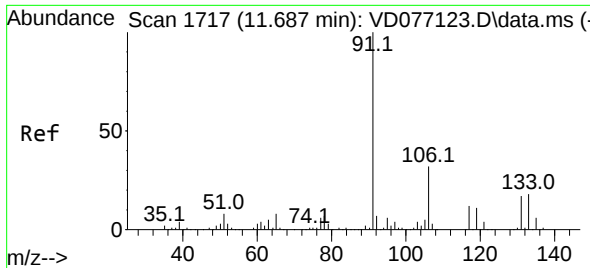


#66
1,1,1,2-Tetrachloroethane
Concen: 20.245 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12



Tgt Ion:131 Resp: 59649
Ion Ratio Lower Upper
131 100
133 96.9 48.5 145.5
119 66.8 35.6 106.9





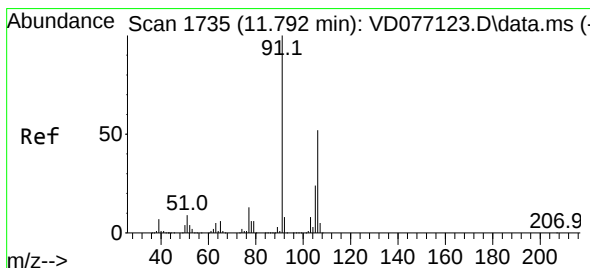
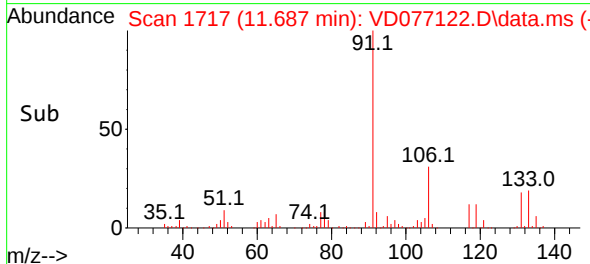
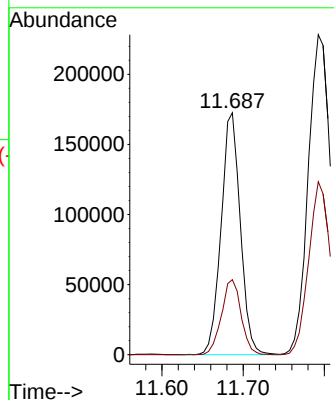
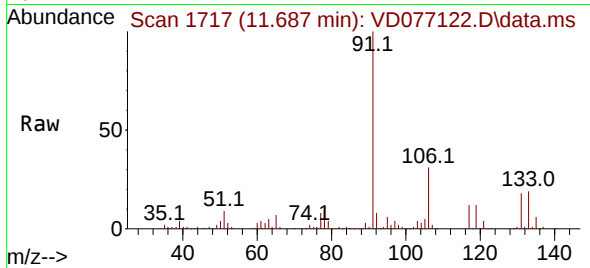
#67
Ethyl Benzene
Concen: 20.538 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 28429
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7

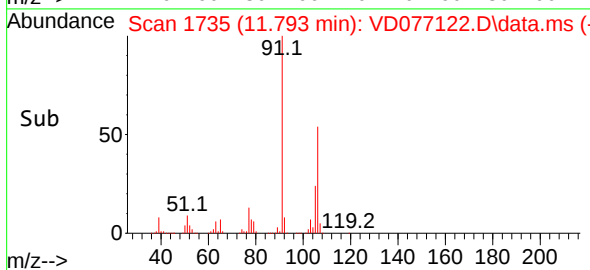
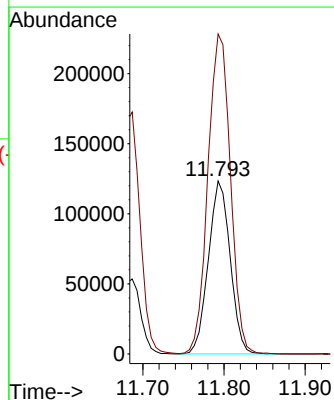
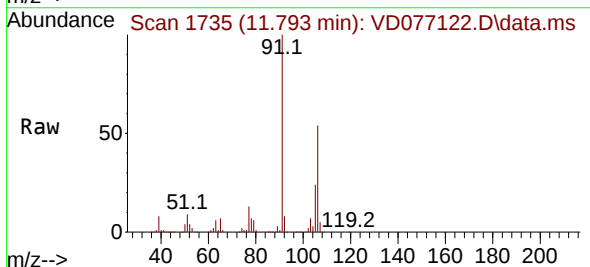
Manual Integrations
APPROVED

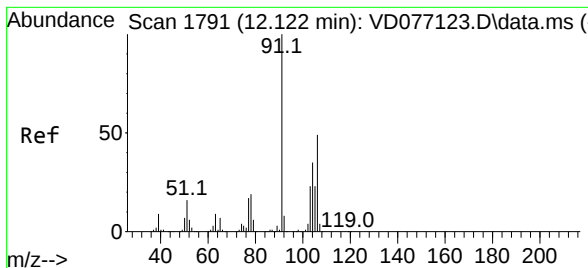
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#68
m/p-Xylenes
Concen: 41.502 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion:106 Resp: 230026
Ion Ratio Lower Upper
106 100
91 191.1 147.0 220.6





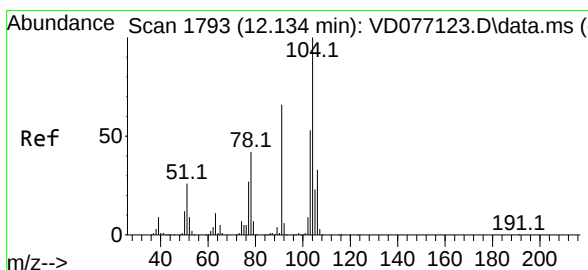
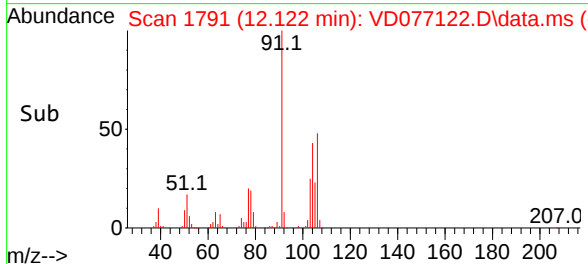
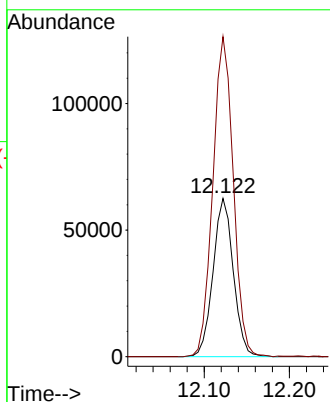
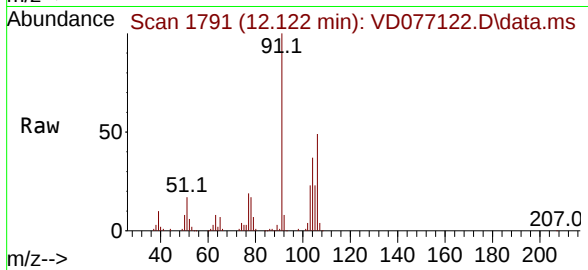
#69
o-Xylene
Concen: 20.335 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 103449
Ion Ratio Lower Upper
106 100
91 203.7 97.9 293.6

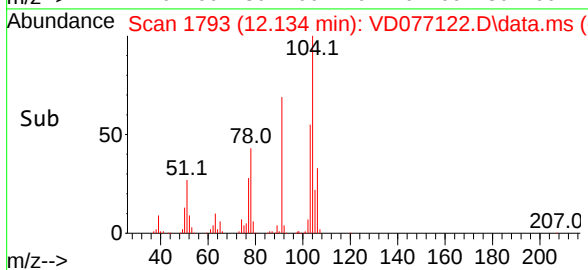
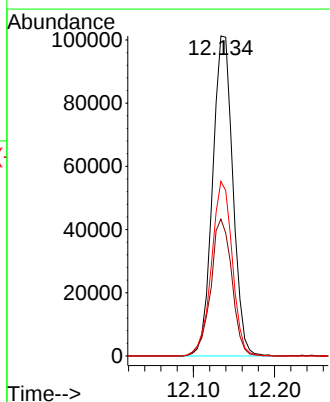
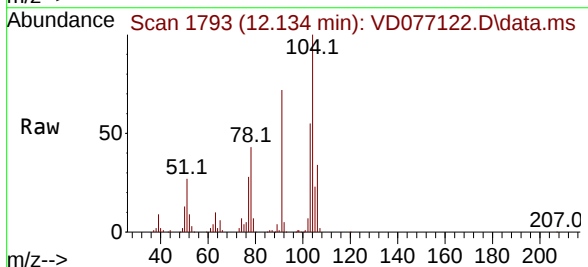
Manual Integrations
APPROVED

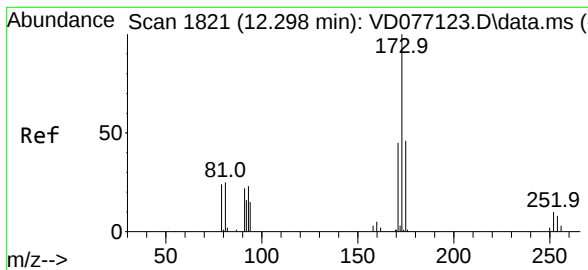
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#70
Styrene
Concen: 20.289 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

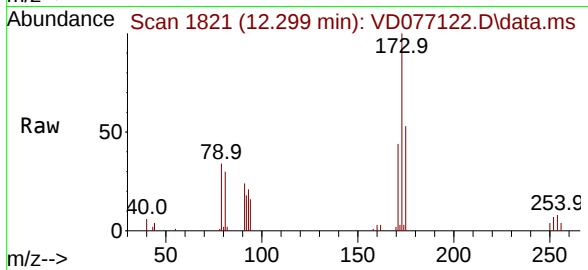
Tgt Ion:104 Resp: 175845
Ion Ratio Lower Upper
104 100
78 44.4 33.2 49.8
103 55.9 43.6 65.4





#71
Bromoform
Concen: 19.386 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

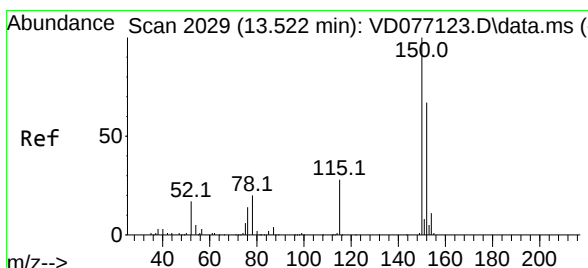
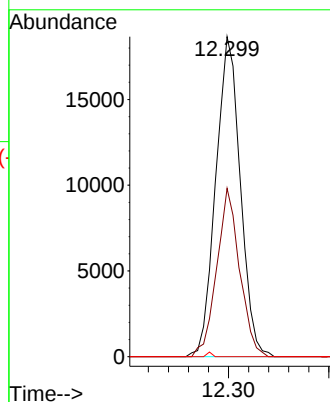
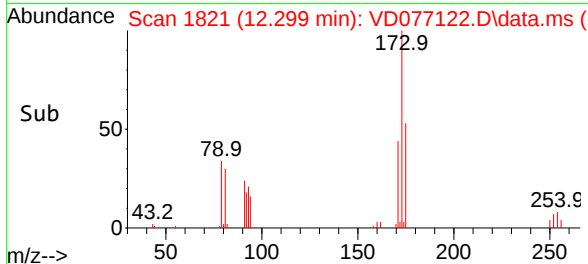
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 3166
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.3 0.0 0.0

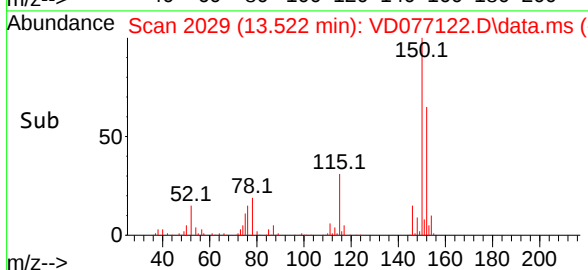
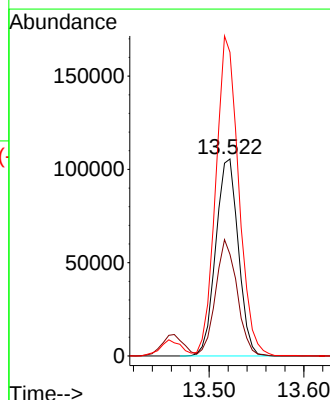
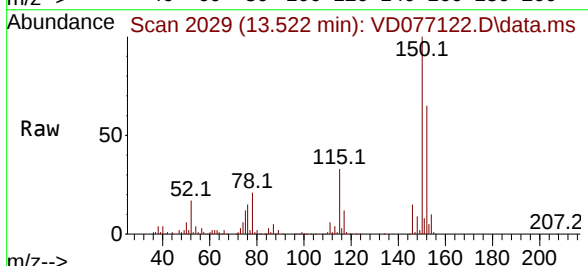
Manual Integrations
APPROVED

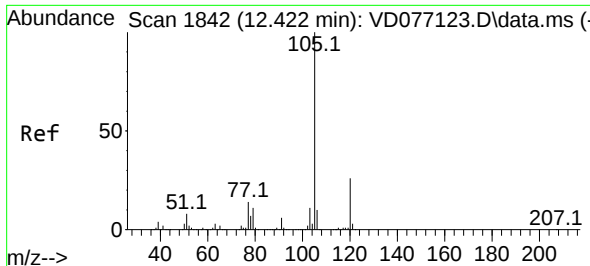
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion:152 Resp: 174776
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 165.3 0.0 353.6





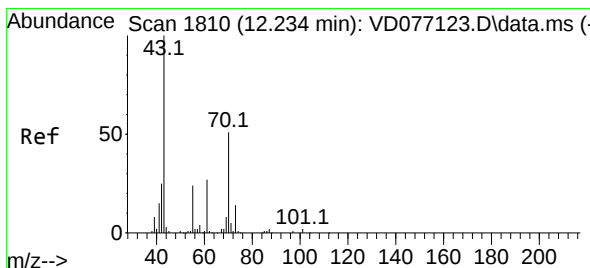
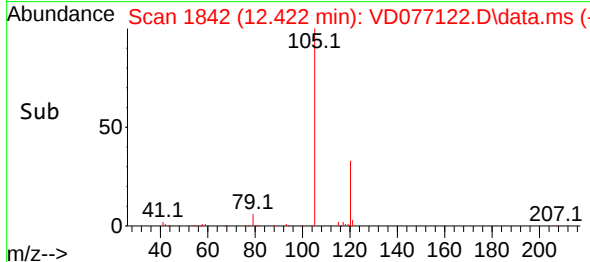
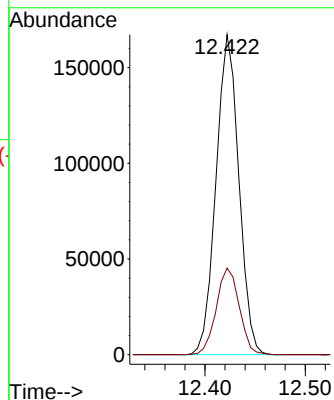
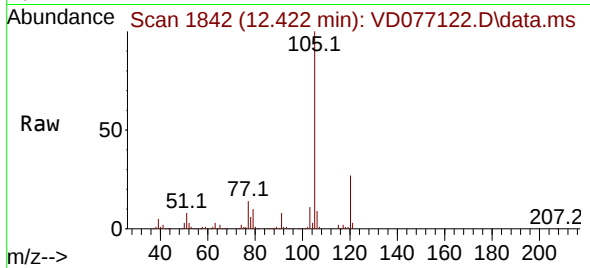
#73
Isopropylbenzene
Concen: 20.457 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 264184
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9

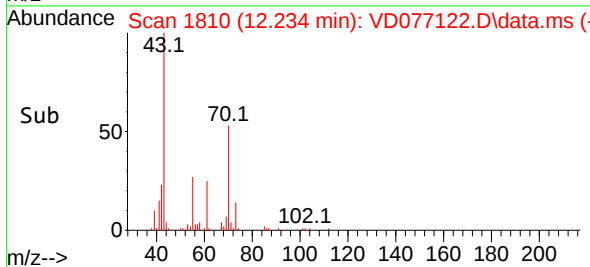
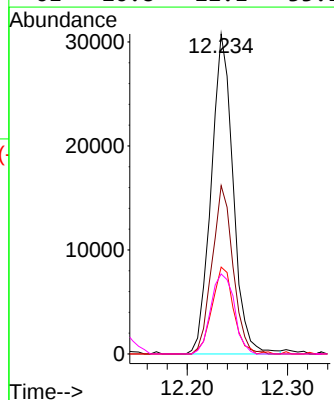
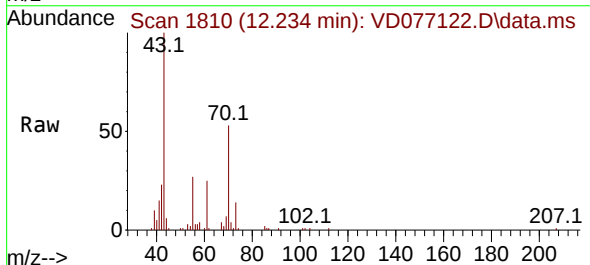
Manual Integrations
APPROVED

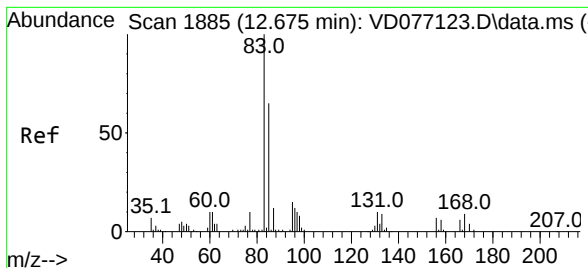
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#74
N-ethyl acetate
Concen: 19.236 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 43 Resp: 46664
Ion Ratio Lower Upper
43 100
70 50.2 45.0 67.4
55 26.7 23.8 35.6
61 26.8 22.1 33.1





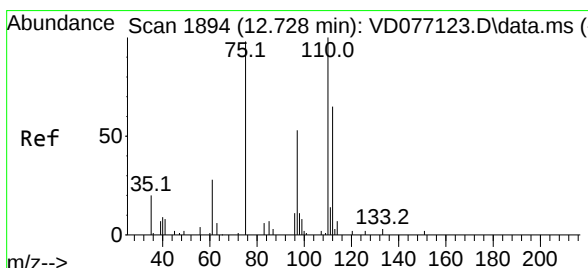
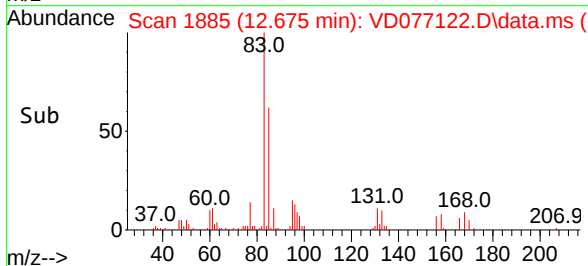
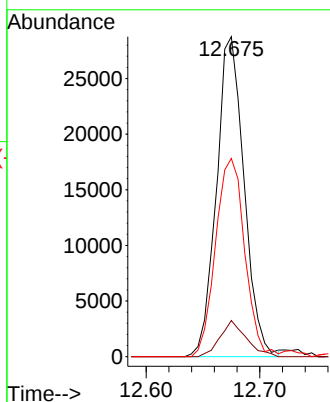
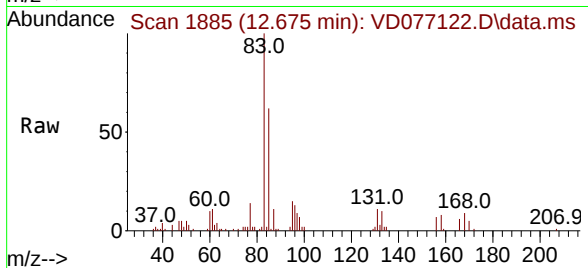
#75
1,1,2,2-Tetrachloroethane
Concen: 19.964 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 48654
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 65.2 32.6 97.8

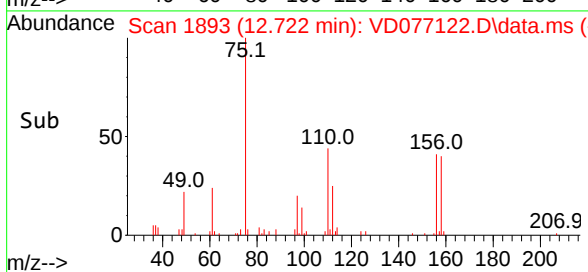
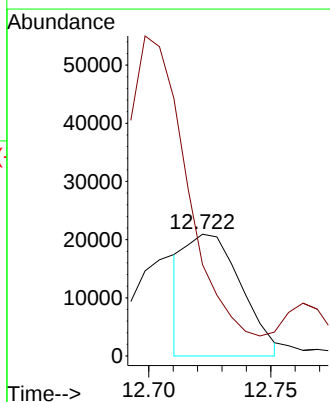
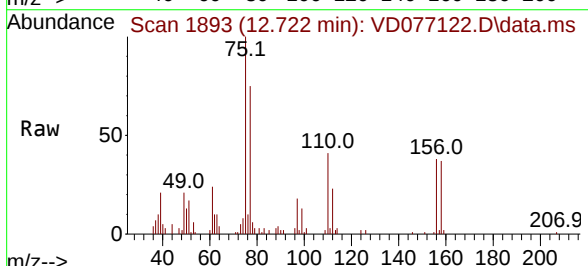
Manual Integrations
APPROVED

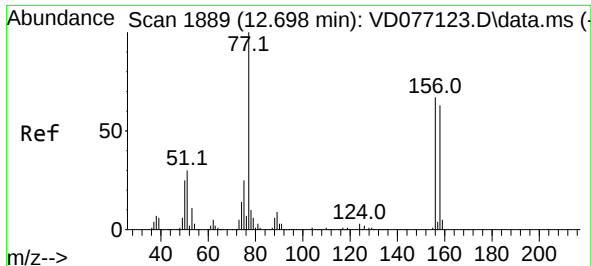
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#76
1,2,3-Trichloropropane
Concen: 23.187 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 75 Resp: 33453
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





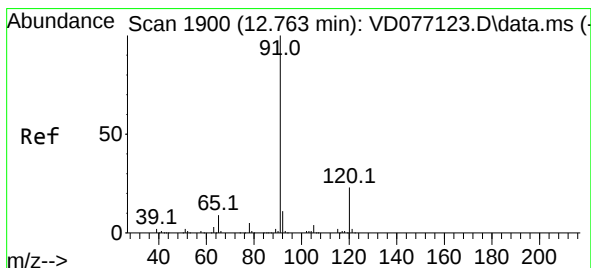
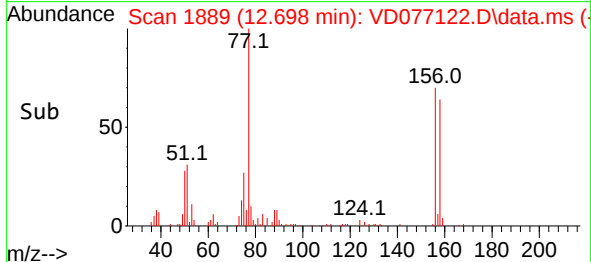
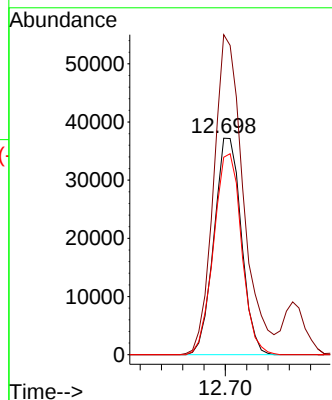
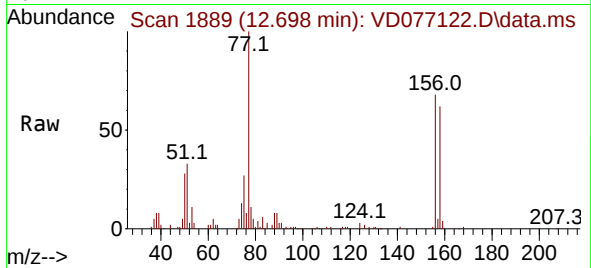
#77
Bromobenzene
Concen: 20.566 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 66134
Ion Ratio Lower Upper
156 100
77 160.4 76.8 230.4
158 95.0 48.6 145.9

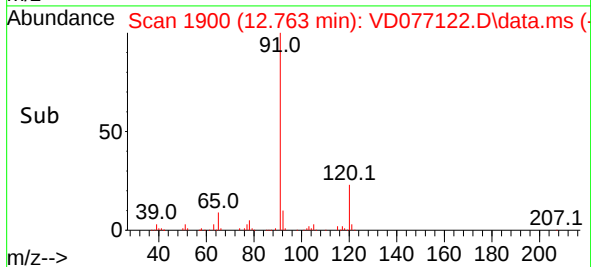
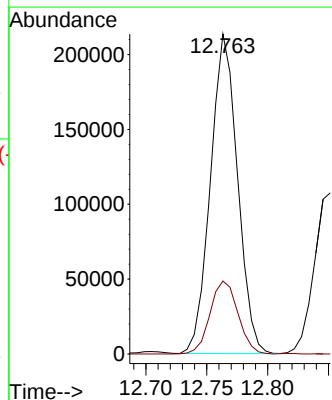
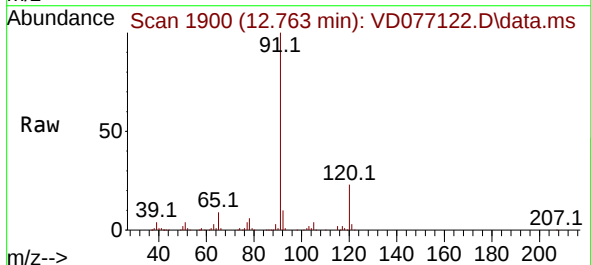
Manual Integrations
APPROVED

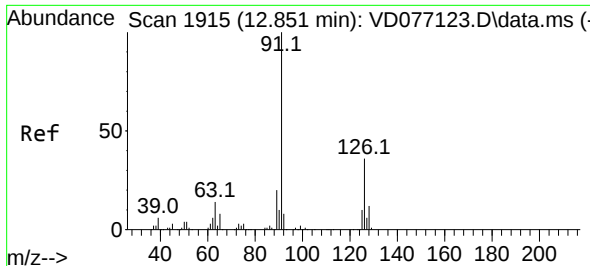
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#78
n-propylbenzene
Concen: 20.950 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 91 Resp: 330695
Ion Ratio Lower Upper
91 100
120 23.5 12.4 37.2





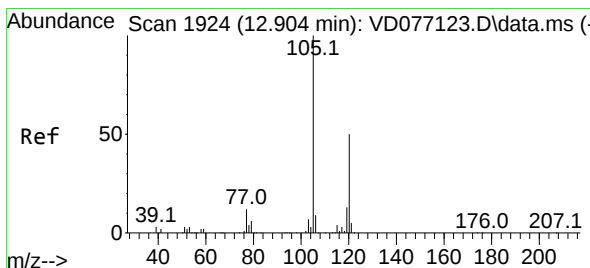
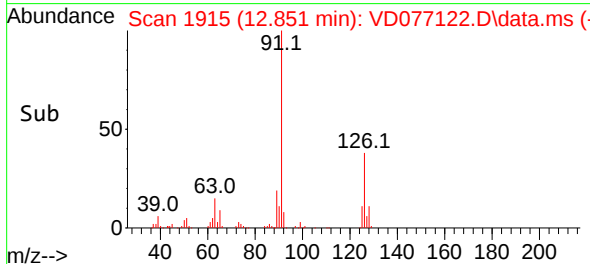
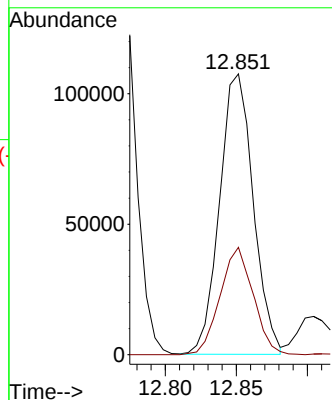
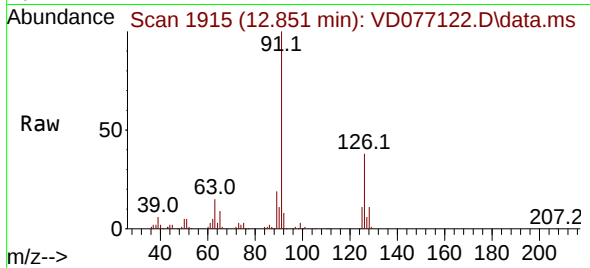
#79
2-Chlorotoluene
Concen: 20.378 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 177380
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1

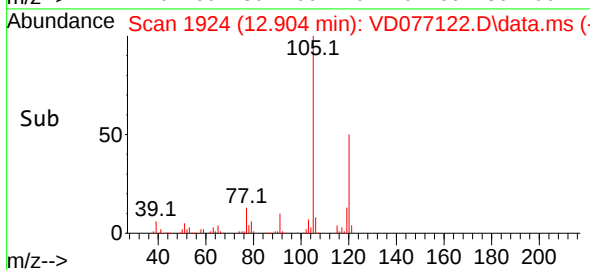
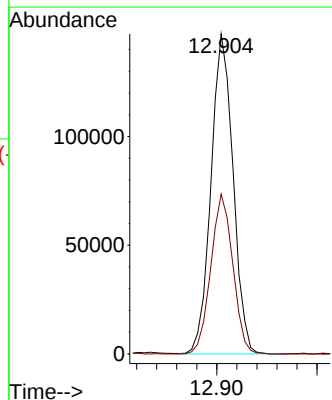
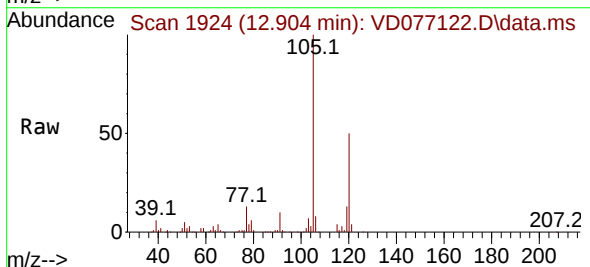
Manual Integrations
APPROVED

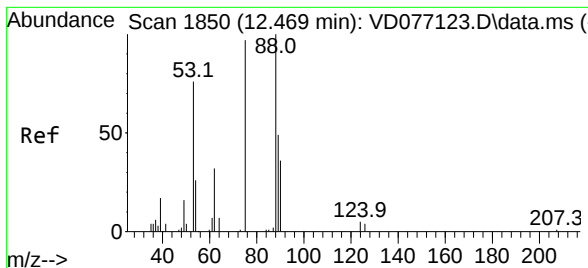
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.861 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

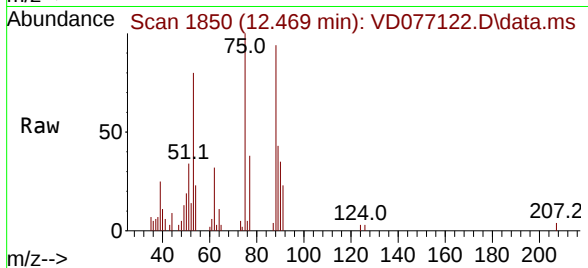
Tgt Ion:105 Resp: 224990
Ion Ratio Lower Upper
105 100
120 49.8 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.283 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

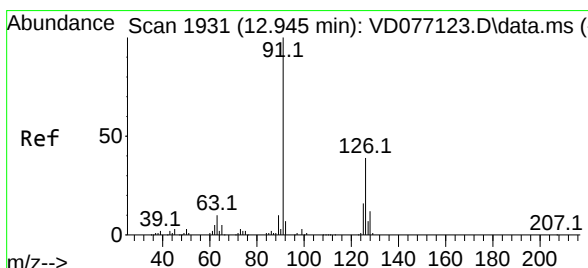
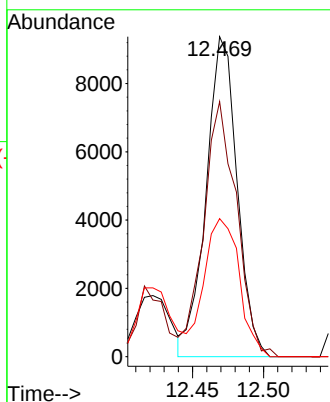
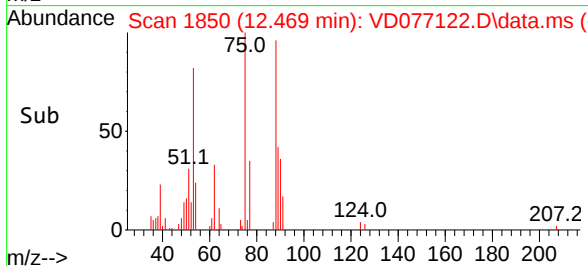
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 1420
Ion Ratio Lower Upper
75 100
53 84.9 63.0 94.4
89 48.8 37.9 56.9

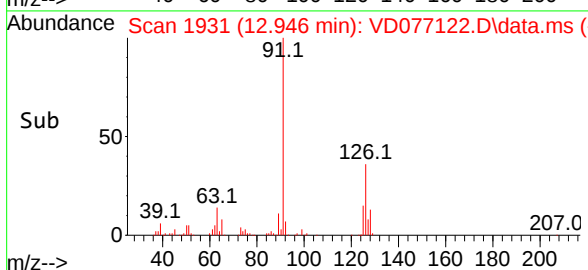
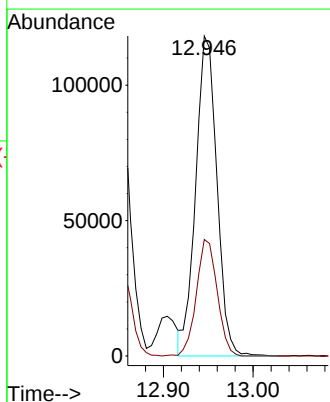
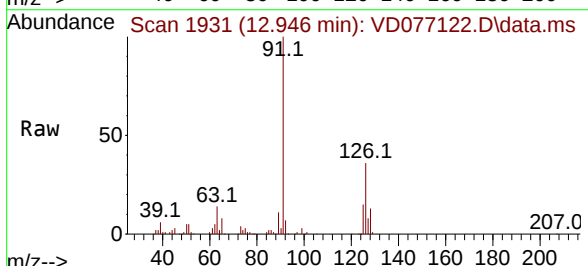
Manual Integrations
APPROVED

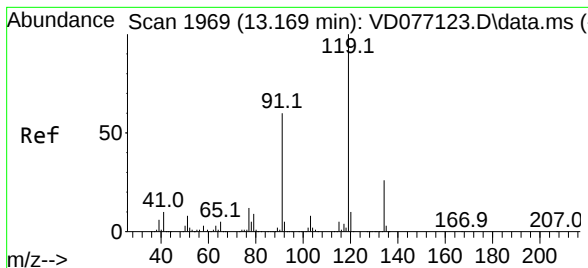
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#82
4-Chlorotoluene
Concen: 21.227 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 91 Resp: 194199
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4





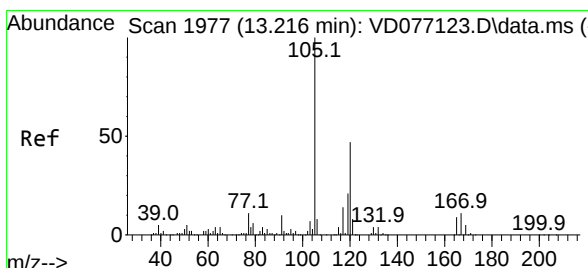
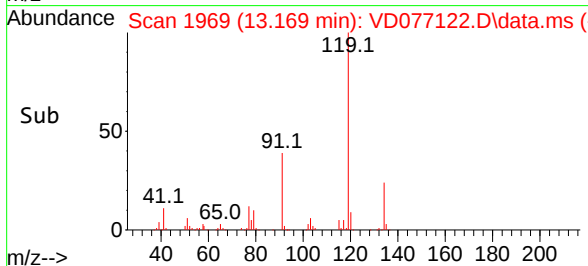
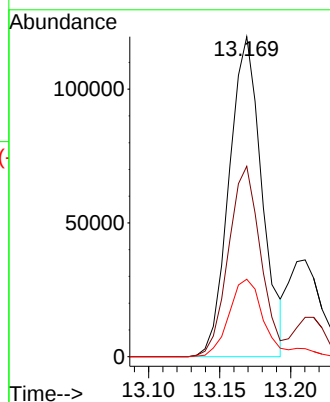
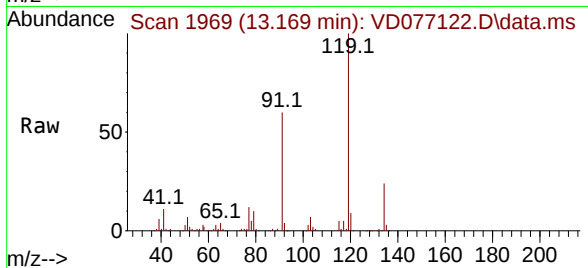
#83
tert-Butylbenzene
Concen: 20.863 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 192239
Ion Ratio Lower Upper
119 100
91 58.2 29.3 87.8
134 26.7 14.1 42.3

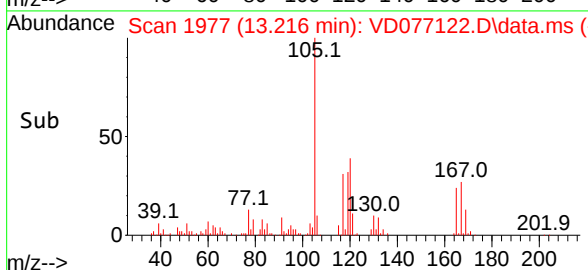
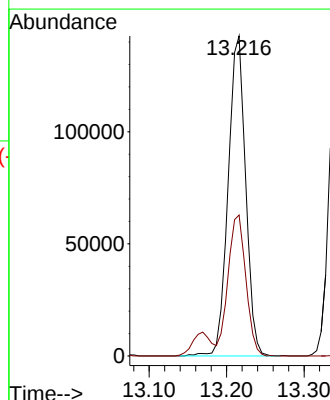
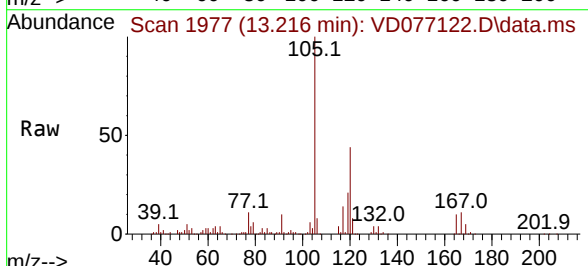
Manual Integrations
APPROVED

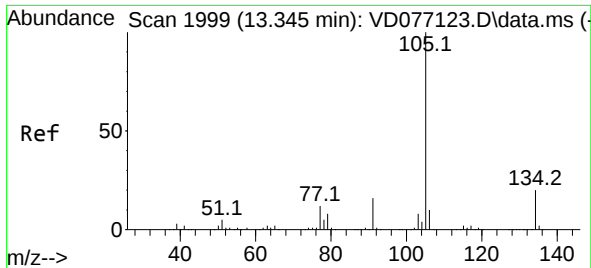
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.507 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

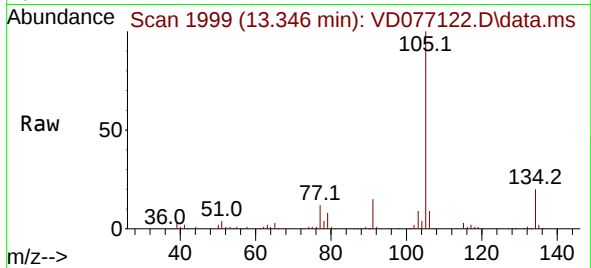
Tgt Ion:105 Resp: 224272
Ion Ratio Lower Upper
105 100
120 44.9 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.931 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077122.D
 Acq: 18 Sep 2023 11:12

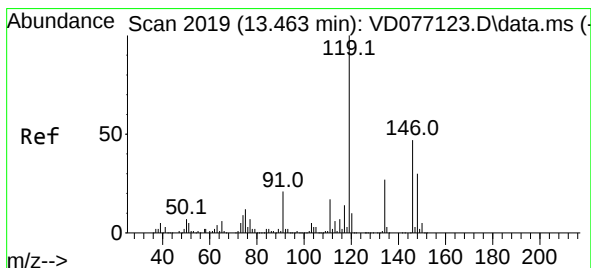
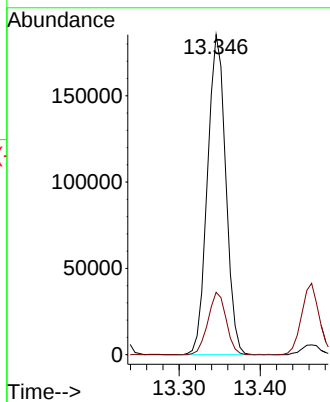
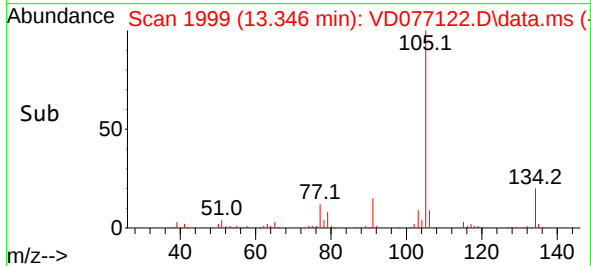
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



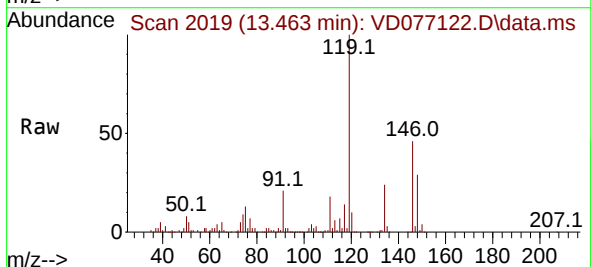
Tgt Ion:105 Resp: 28941
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9

Manual Integrations
 APPROVED

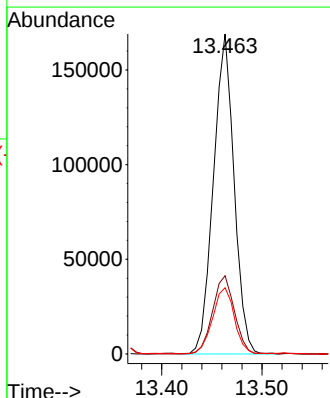
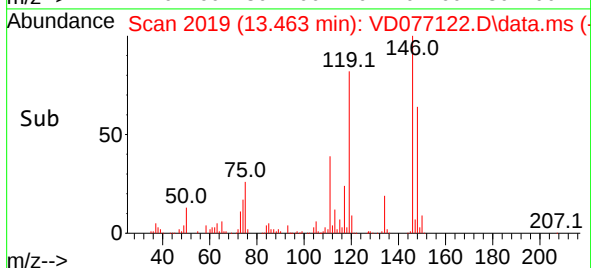
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

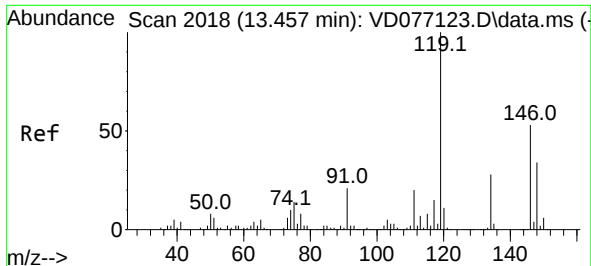


#86
 p-Isopropyltoluene
 Concen: 20.553 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077122.D
 Acq: 18 Sep 2023 11:12



Tgt Ion:119 Resp: 241085
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 21.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.205 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 133610

Ion Ratio Lower Upper

146 100

111 38.3 17.9 53.8

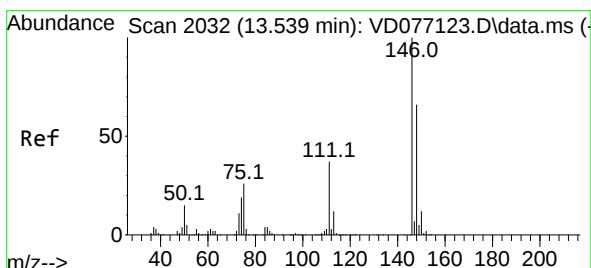
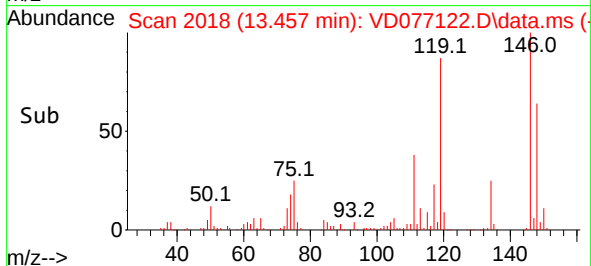
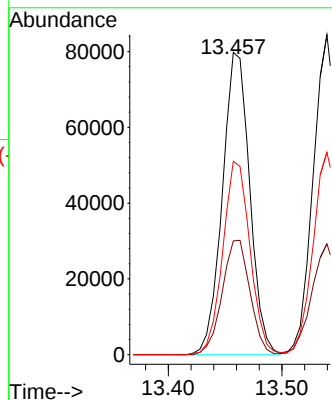
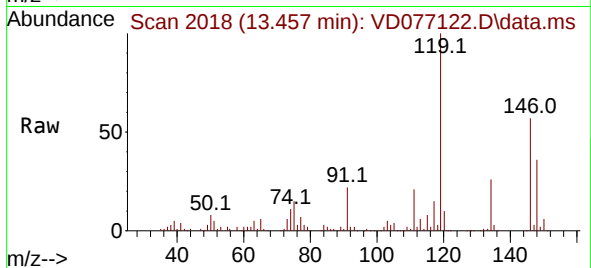
148 63.9 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#88

1,4-Dichlorobenzene

Concen: 20.552 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

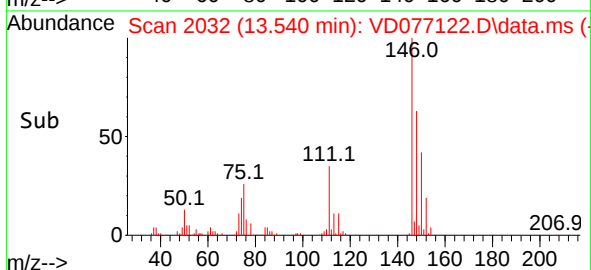
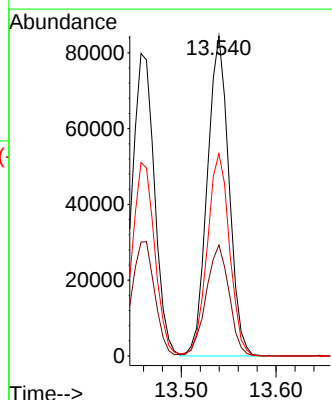
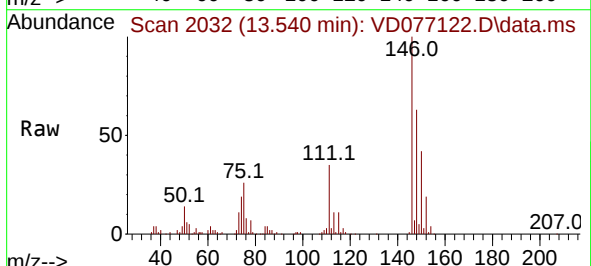
Tgt Ion:146 Resp: 133721

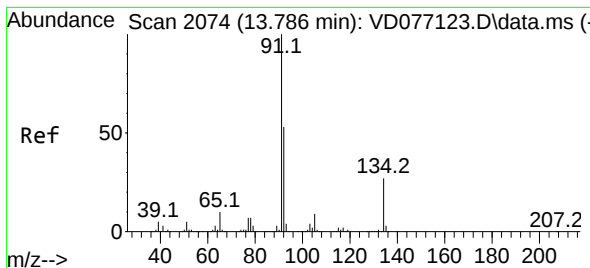
Ion Ratio Lower Upper

146 100

111 36.9 17.4 52.3

148 64.9 31.7 95.1





#89

n-Butylbenzene

Concen: 20.300 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

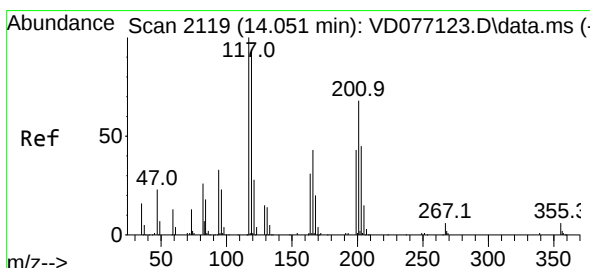
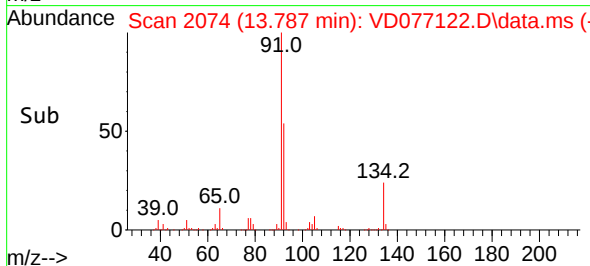
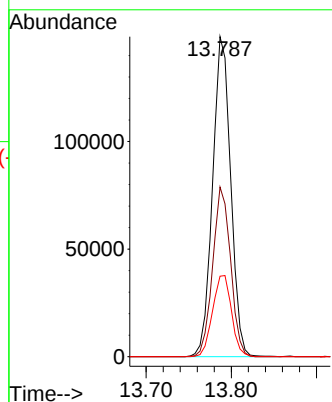
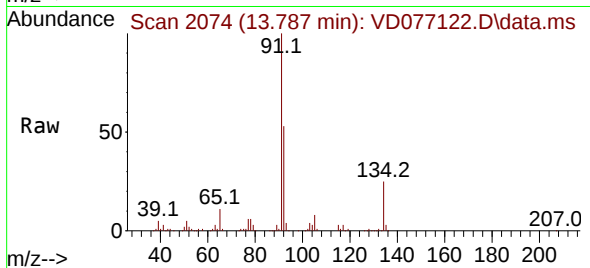
VSTDICC020

Tgt Ion:	91	Resp:	21966
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.5	79.5
134	26.5	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#90

Hexachloroethane

Concen: 21.003 ug/l

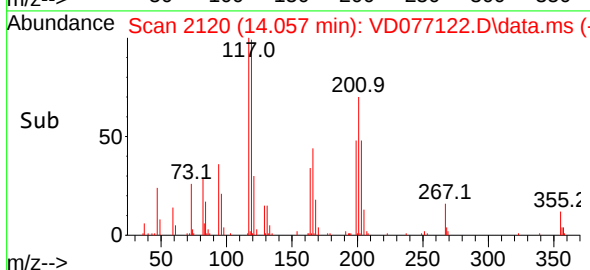
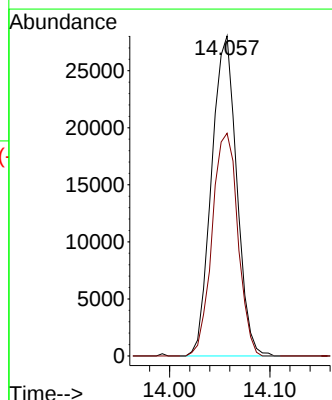
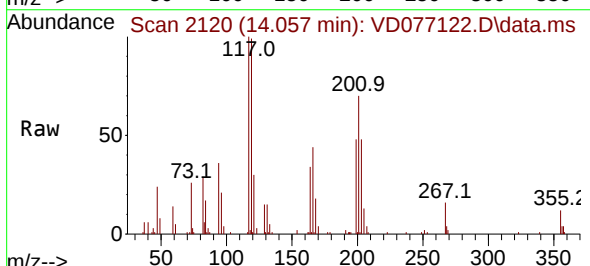
RT: 14.057 min Scan# 2120

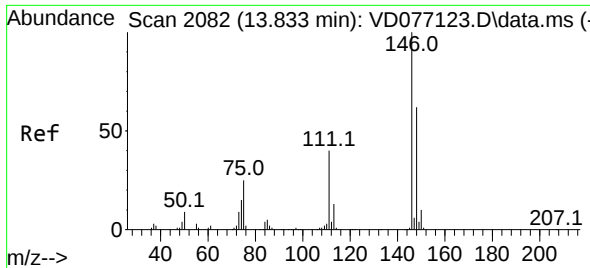
Delta R.T. 0.006 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Tgt Ion:	117	Resp:	48860
Ion Ratio	Lower	Upper	
117	100		
201	71.2	38.5	115.5





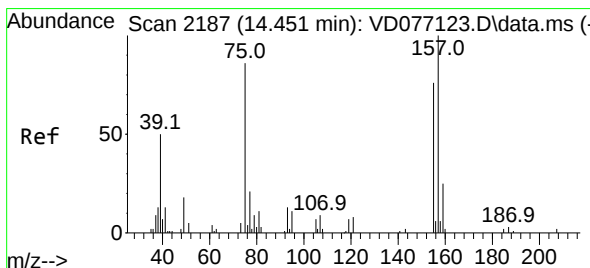
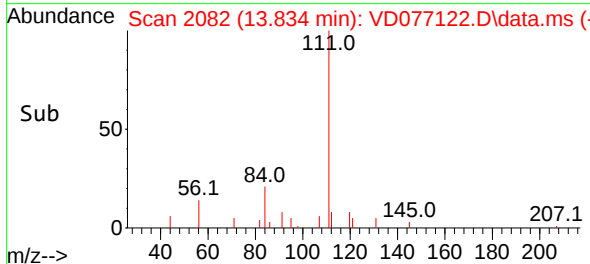
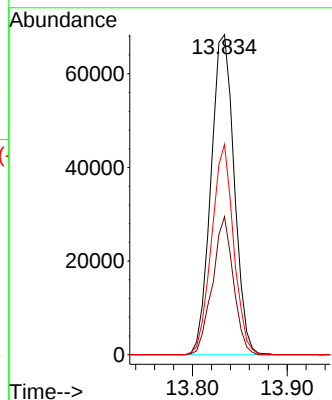
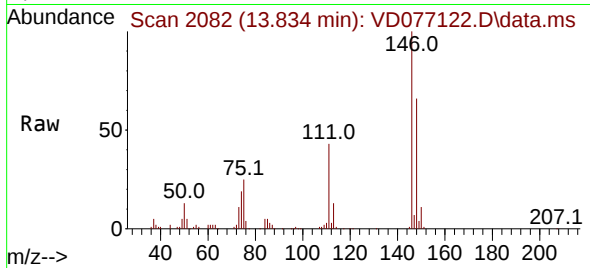
#91
1,2-Dichlorobenzene
Concen: 20.548 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 116509
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 62.3 31.6 94.7

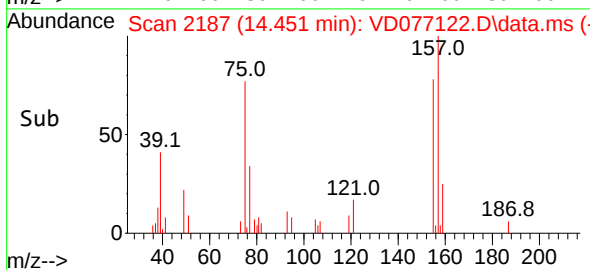
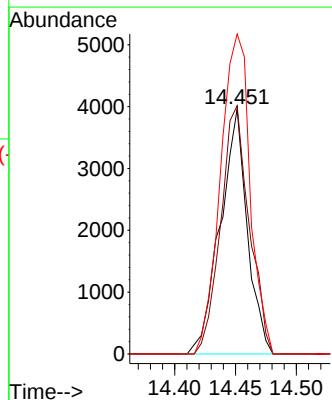
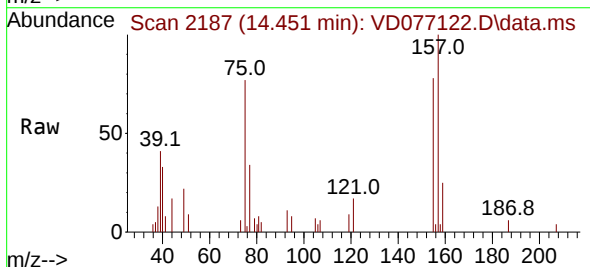
Manual Integrations
APPROVED

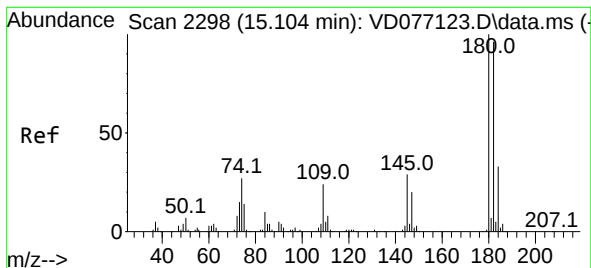
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.822 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 75 Resp: 6125
Ion Ratio Lower Upper
75 100
155 106.9 47.9 143.8
157 143.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.923 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

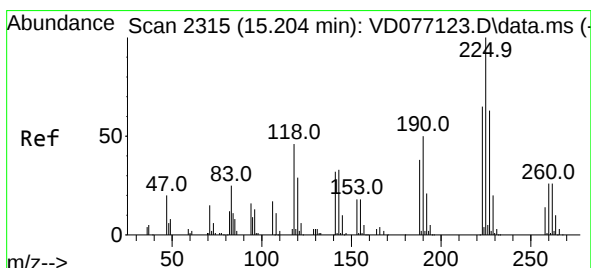
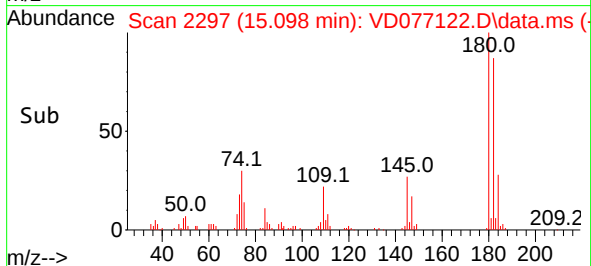
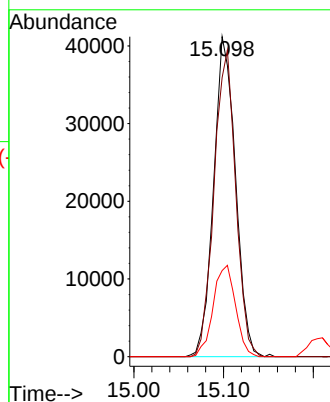
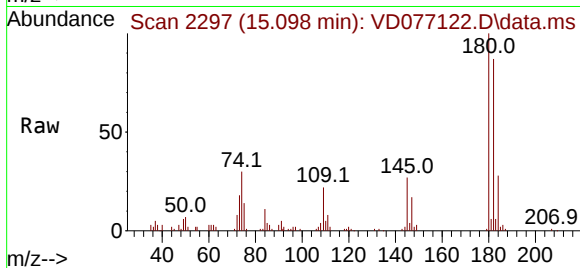
VSTDICC020

Tgt Ion:180	Resp:	6969
Ion Ratio	Lower	Upper
180	100	
182	94.7	48.5 145.6
145	29.2	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#94

Hexachlorobutadiene

Concen: 20.631 ug/l

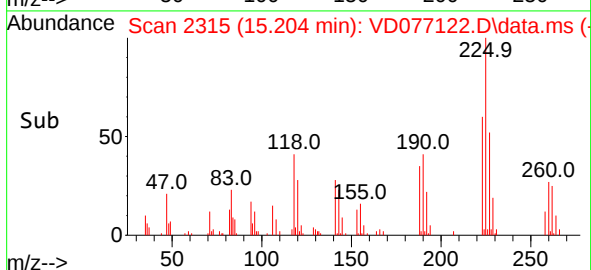
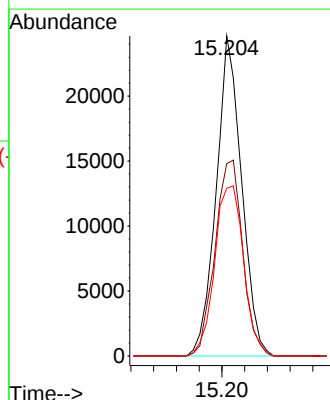
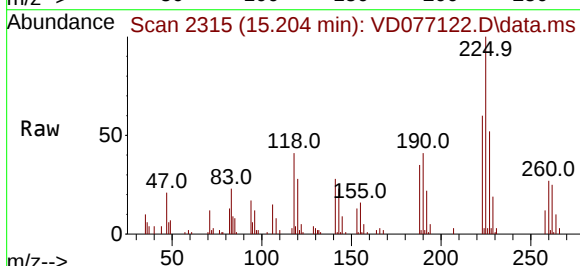
RT: 15.204 min Scan# 2315

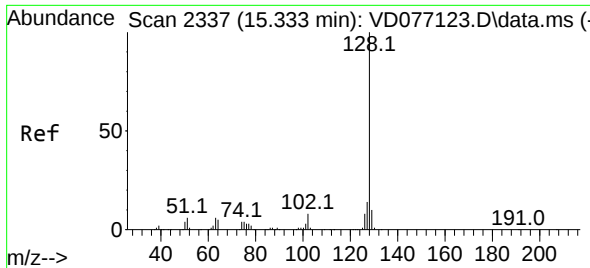
Delta R.T. 0.000 min

Lab File: VD077122.D

Acq: 18 Sep 2023 11:12

Tgt Ion:225	Resp:	38245
Ion Ratio	Lower	Upper
225	100	
223	66.5	31.6 94.8
227	60.7	31.7 95.1





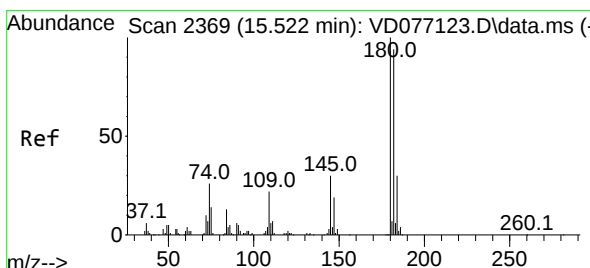
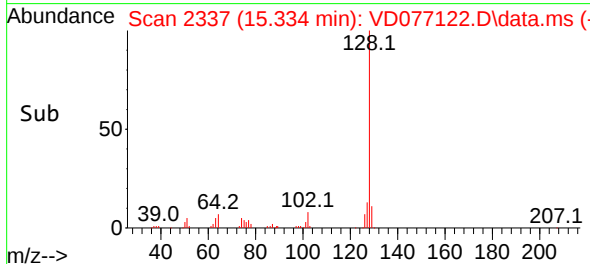
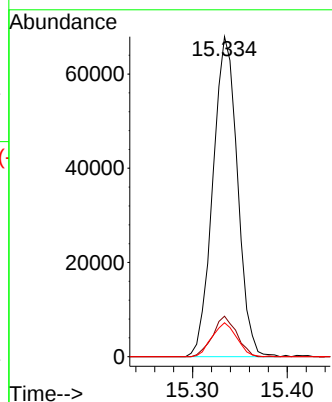
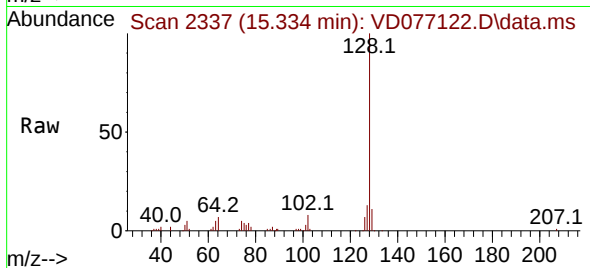
#95
Naphthalene
Concen: 19.152 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 12285
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.042 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077122.D
Acq: 18 Sep 2023 11:12

Tgt Ion:180 Resp: 59208
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.9
145 31.2 15.1 45.3

