

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077036.D
 Acq On : 28 Aug 2023 11:25
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/29/2023
 Supervised By : Mahesh Dadoda 08/29/2023

Quant Time: Aug 28 13:23:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 28 12:57:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97912	49.036	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.080%		
35) Dibromofluoromethane	7.804	113	113017	49.765	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.540%		
50) Toluene-d8	10.269	98	418093	50.888	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.575	95	127754	52.740	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	92910	47.878	ug/l	99
3) Chloromethane	2.146	50	179731	54.830	ug/l	99
4) Vinyl Chloride	2.281	62	205700	49.621	ug/l	100
5) Bromomethane	2.681	94	173097	48.823	ug/l	97
6) Chloroethane	2.828	64	142460	50.602	ug/l	99
7) Trichlorofluoromethane	3.169	101	182765	48.728	ug/l	94
8) Diethyl Ether	3.587	74	56078	54.614	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.963	101	108853	49.704	ug/l	99
10) Methyl Iodide	4.152	142	156598	56.089	ug/l #	90
11) Tert butyl alcohol	5.052	59	31458	262.579	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	110170	50.709	ug/l	91
13) Acrolein	3.793	56	67685	269.253	ug/l	96
14) Allyl chloride	4.558	41	122515	51.116	ug/l	93
15) Acrylonitrile	5.258	53	123072	270.842	ug/l	99
16) Acetone	4.022	43	114170	250.851	ug/l #	86
17) Carbon Disulfide	4.263	76	322286	48.606	ug/l	99
18) Methyl Acetate	4.558	43	84253	54.711	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	257892	54.730	ug/l	98
20) Methylene Chloride	4.799	84	155703	54.854	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	134169	52.426	ug/l	97
22) Diisopropyl ether	6.210	45	297284	55.369	ug/l	96
23) Vinyl Acetate	6.152	43	736913m	289.351	ug/l	
24) 1,1-Dichloroethane	6.110	63	212172	52.639	ug/l	98
25) 2-Butanone	7.081	43	151987	266.518	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	186213	51.910	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	152190	52.934	ug/l	99
28) Bromochloromethane	7.422	49	67209	46.680	ug/l	97
29) Tetrahydrofuran	7.446	42	89743	283.323	ug/l	92
30) Chloroform	7.593	83	237402	52.575	ug/l	95
31) Cyclohexane	7.875	56	150786	47.267	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	199703	50.957	ug/l	97
36) 1,1-Dichloropropene	8.004	75	166086	51.338	ug/l	98
37) Ethyl Acetate	7.169	43	63692	54.326	ug/l	96
38) Carbon Tetrachloride	7.987	117	166990	51.051	ug/l	98
39) Methylcyclohexane	9.275	83	186597	49.615	ug/l	92
40) Benzene	8.251	78	515507	53.063	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	34938	54.301	ug/l #	93
42) 1,2-Dichloroethane	8.322	62	128441	51.161	ug/l	98
43) Isopropyl Acetate	8.357	43	119434	53.872	ug/l	94
44) Trichloroethene	9.028	130	143903	51.980	ug/l	96
45) 1,2-Dichloropropane	9.304	63	124067	53.983	ug/l	94
46) Dibromomethane	9.393	93	75854	51.840	ug/l	97
47) Bromodichloromethane	9.581	83	181034	52.997	ug/l	98
48) Methyl methacrylate	9.381	41	54448	54.795	ug/l #	85
49) 1,4-Dioxane	9.387	88	16928	1079.912	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	322168	282.489	ug/l	92
52) Toluene	10.334	92	343201	54.818	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	171974	54.438	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	202703	53.952	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	104160	53.628	ug/l	95
56) Ethyl methacrylate	10.598	69	115131	56.205	ug/l	92
57) 1,3-Dichloropropane	10.881	76	164629	53.330	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	92593	241.624	ug/l	97
59) 2-Hexanone	10.922	43	232594	284.129	ug/l	92
60) Dibromochloromethane	11.075	129	130116	54.122	ug/l	95
61) 1,2-Dibromoethane	11.181	107	97991	52.703	ug/l	99
64) Tetrachloroethene	10.810	164	118458	51.215	ug/l	93
65) Chlorobenzene	11.610	112	365580	52.496	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	139278	53.516	ug/l	95
67) Ethyl Benzene	11.687	91	648645	54.273	ug/l	96
68) m/p-Xylenes	11.792	106	526061	109.949	ug/l	95
69) o-Xylene	12.122	106	240928	55.089	ug/l	93
70) Styrene	12.134	104	431305	56.770	ug/l	99
71) Bromoform	12.298	173	78742	54.338	ug/l #	100
73) Isopropylbenzene	12.422	105	611584	53.077	ug/l	96
74) N-amyl acetate	12.234	43	111469	54.928	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	115757	51.385	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	77841m	50.466	ug/l	
77) Bromobenzene	12.698	156	155465	53.508	ug/l	98
78) n-propylbenzene	12.763	91	753916	53.539	ug/l	97
79) 2-Chlorotoluene	12.851	91	410801	53.360	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	522131	54.275	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	33940	49.480	ug/l	95
82) 4-Chlorotoluene	12.945	91	434720	53.382	ug/l	97
83) tert-Butylbenzene	13.169	119	444981	53.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	532406	55.181	ug/l	96
85) sec-Butylbenzene	13.345	105	661346	52.660	ug/l	98
86) p-Isopropyltoluene	13.457	119	577852	53.961	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	317267	52.689	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	306495	52.469	ug/l	98
89) n-Butylbenzene	13.786	91	527242	53.607	ug/l	97
90) Hexachloroethane	14.051	117	108665	52.330	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	270469	52.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16507	52.619	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	170785	54.115	ug/l	98
94) Hexachlorobutadiene	15.204	225	83922	50.717	ug/l	99
95) Naphthalene	15.333	128	324691	55.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	151959	53.750	ug/l	99

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

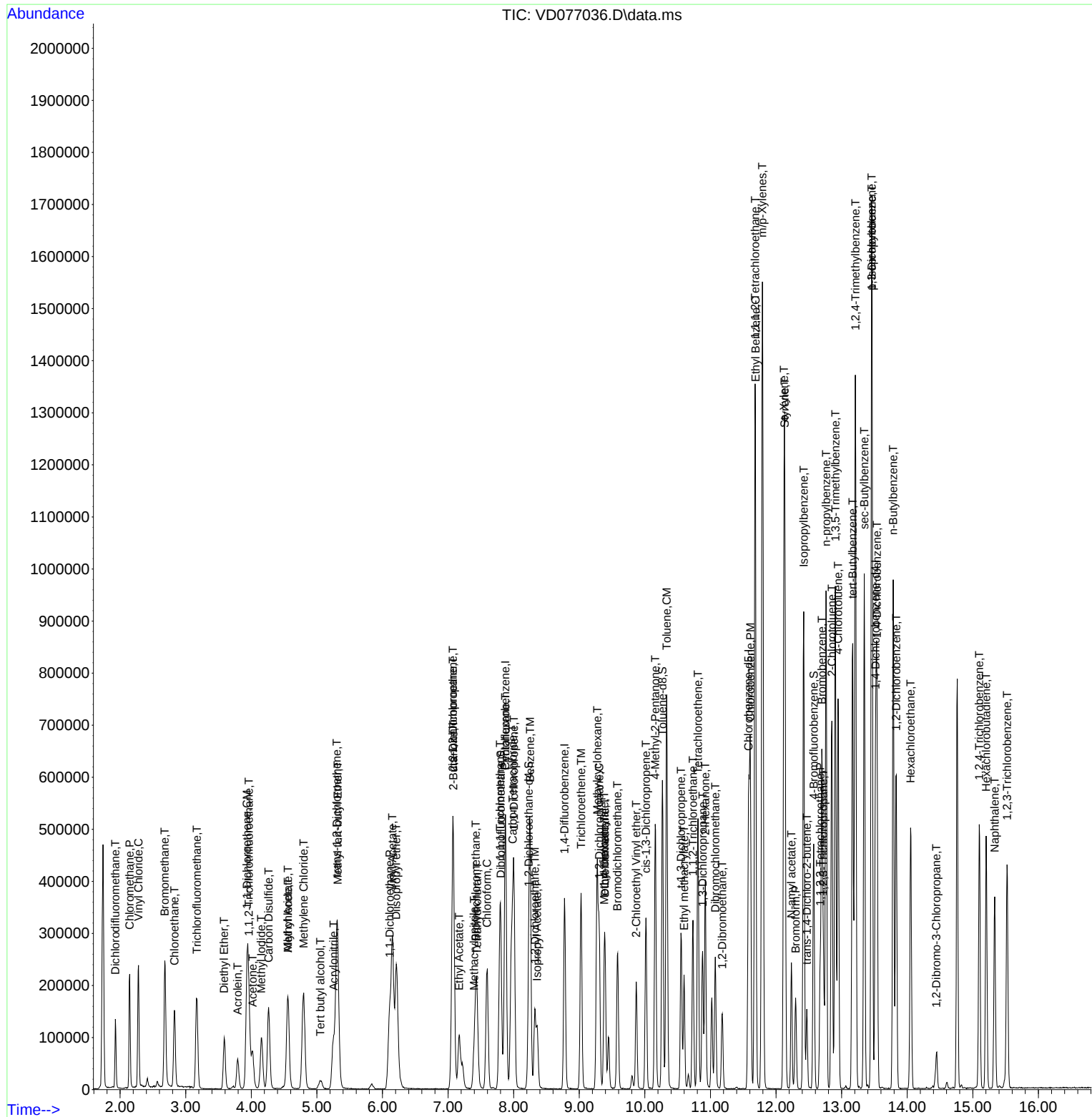
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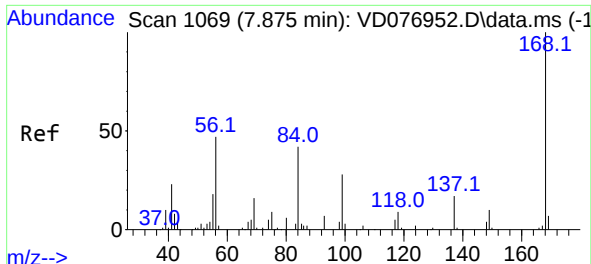
Instrument :
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

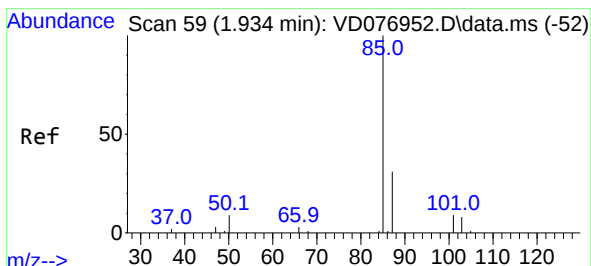
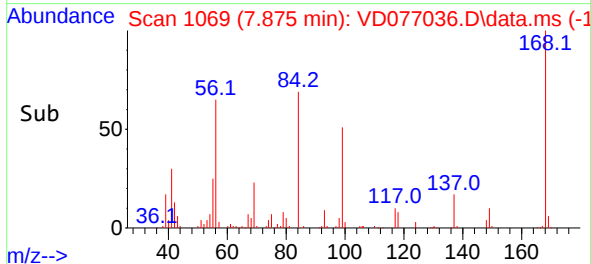
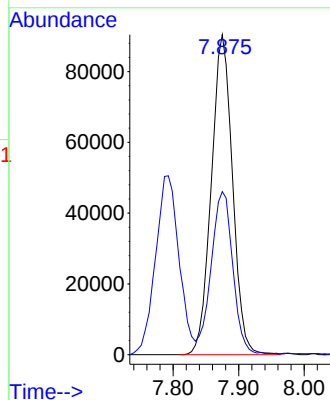
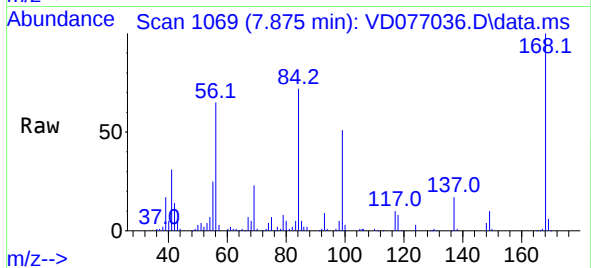
VSTDICCC050

Tgt Ion:168 Resp: 202800
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1

Manual Integrations

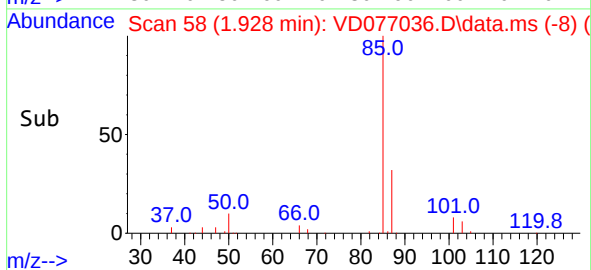
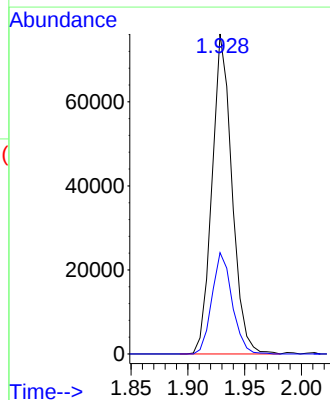
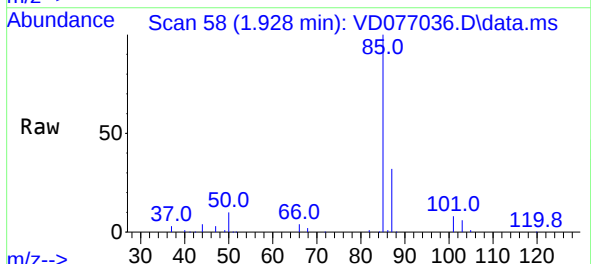
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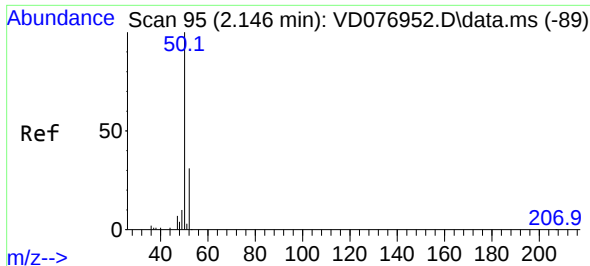
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#2
Dichlorodifluoromethane
Concen: 47.878 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

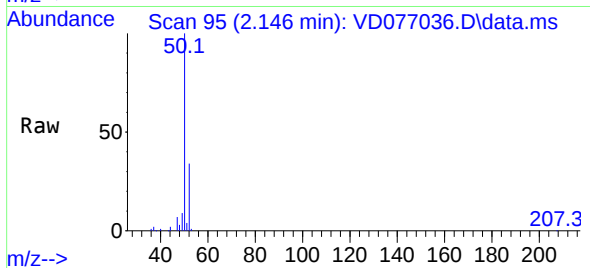
Tgt Ion: 85 Resp: 92910
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





#3
Chloromethane
Concen: 54.830 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

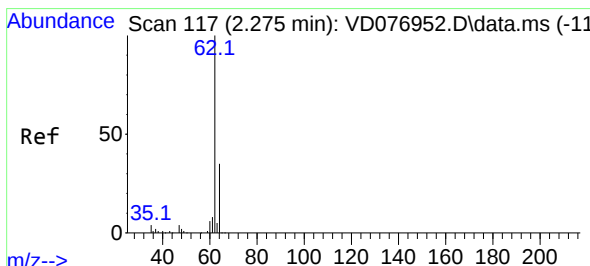
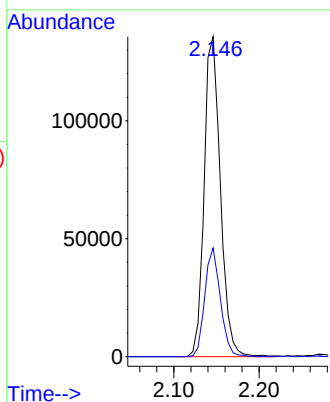
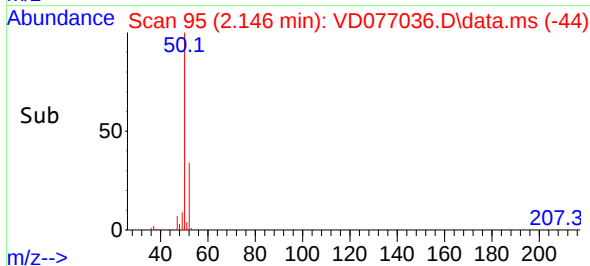
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 17973
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

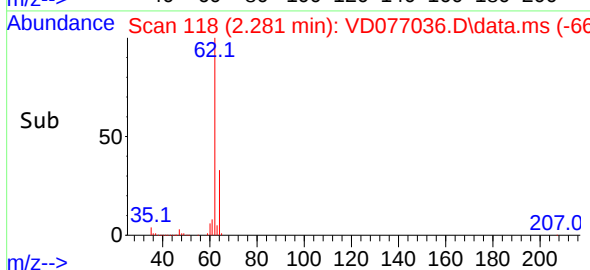
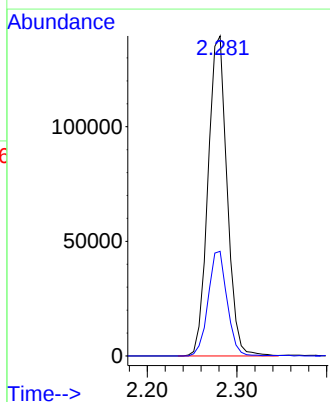
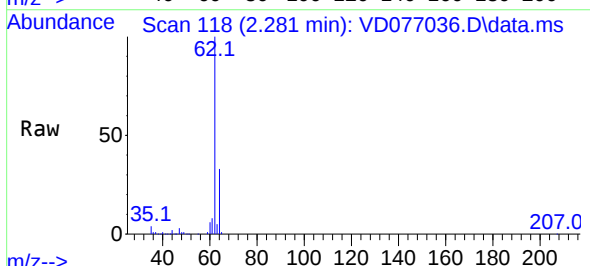
Manual Integrations
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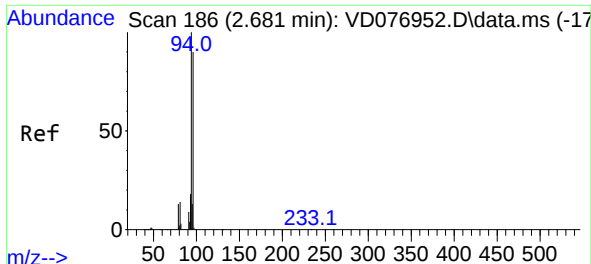
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#4
Vinyl Chloride
Concen: 49.621 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

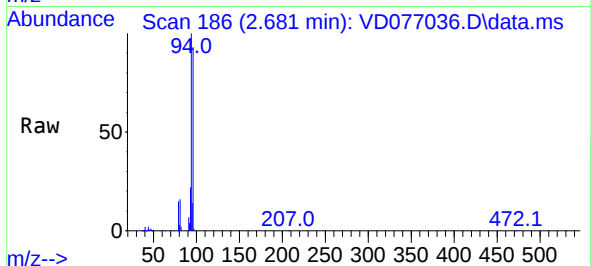
Tgt Ion: 62 Resp: 205700
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





#5
Bromomethane
Concen: 48.823 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

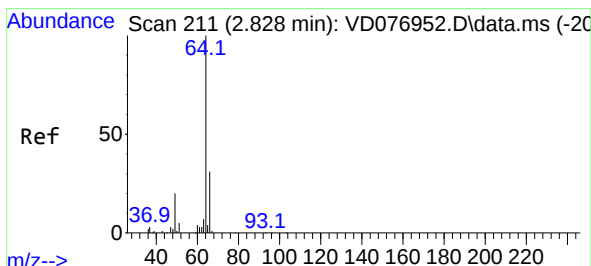
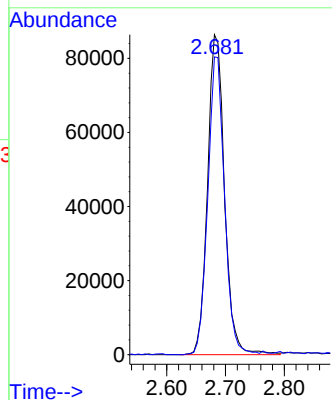
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 173097
Ion Ratio Lower Upper
94 100
96 91.8 75.8 113.8

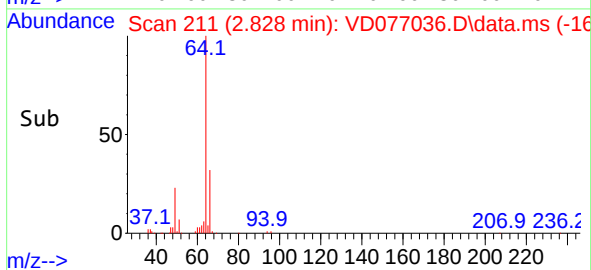
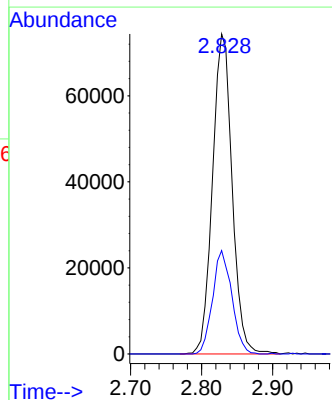
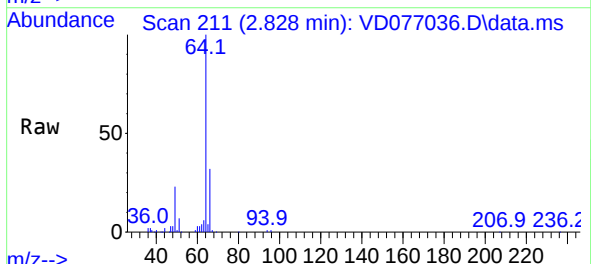
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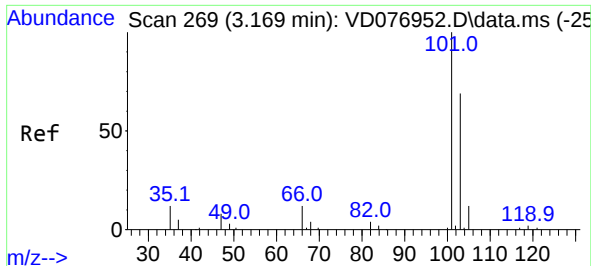
Reviewed By :Semsettin Yesilyurt 08/29/2023
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#6
Chloroethane
Concen: 50.602 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

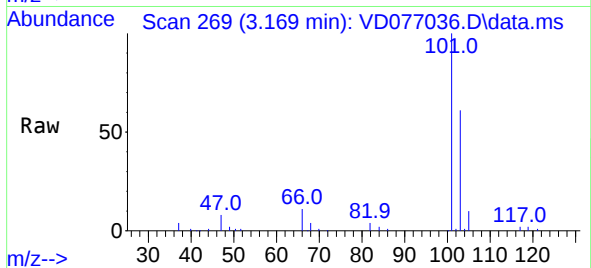
Tgt Ion: 64 Resp: 142460
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3





#7
Trichlorofluoromethane
Concen: 48.728 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

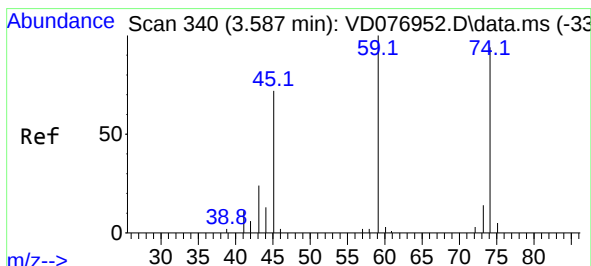
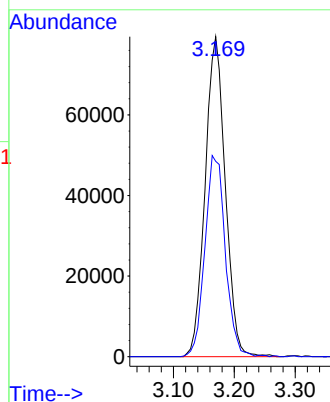
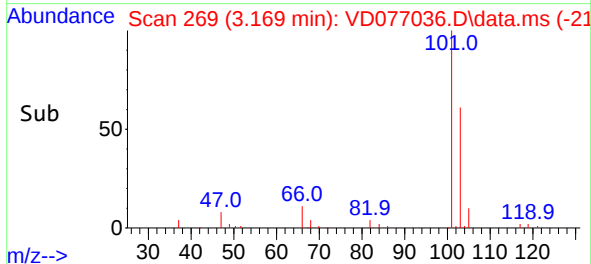
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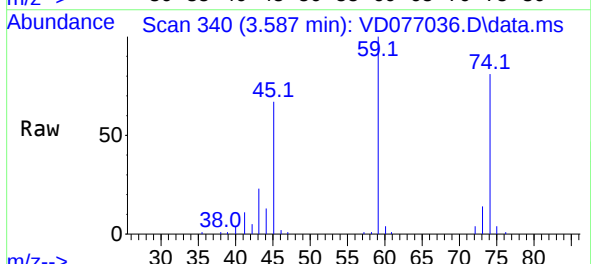
Tgt Ion:101 Resp: 18276
Ion Ratio Lower Upper
101 100
103 61.0 52.3 78.5

Manual Integrations
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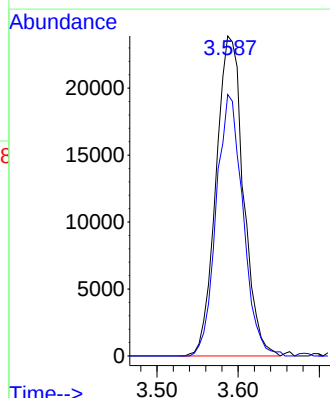
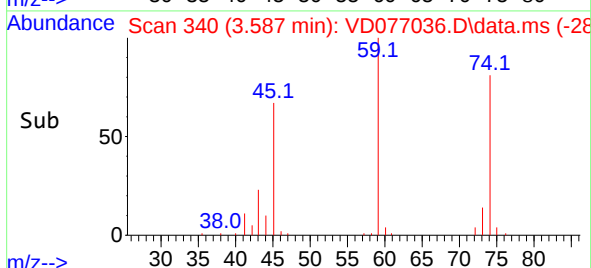
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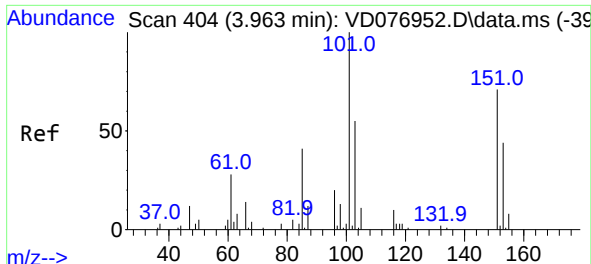


#8
Diethyl Ether
Concen: 54.614 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion: 74 Resp: 56078
Ion Ratio Lower Upper
74 100
45 79.7 37.5 112.7





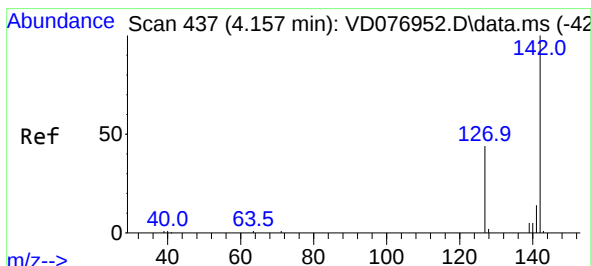
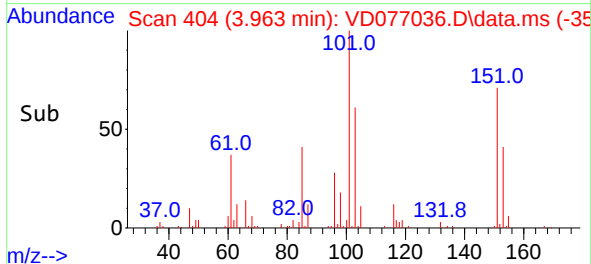
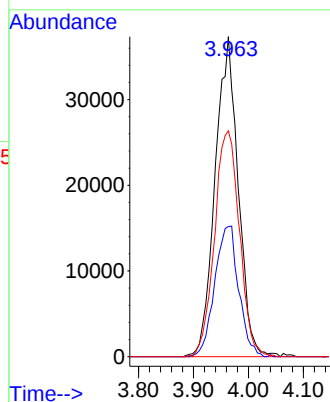
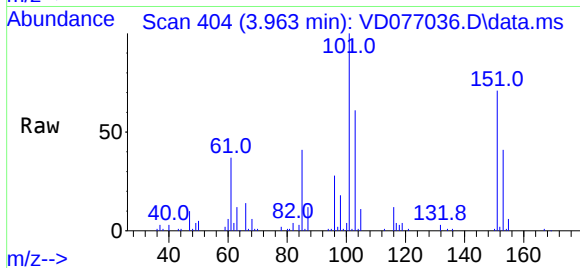
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.704 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 10885
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 76.3 59.8 89.6

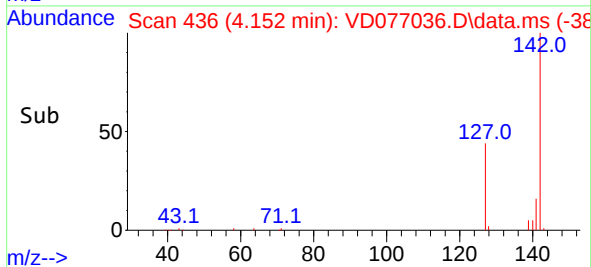
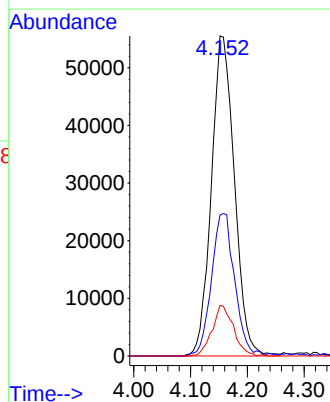
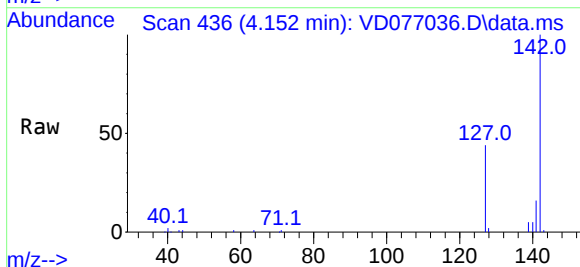
Manual Integrations
APPROVED

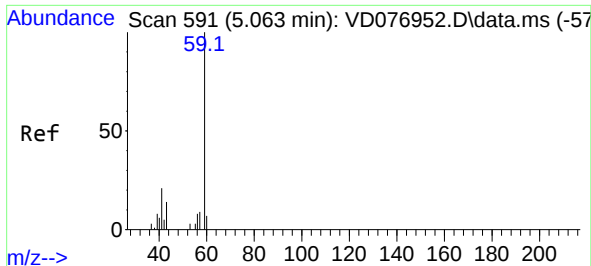
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#10
Methyl Iodide
Concen: 56.089 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.005 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

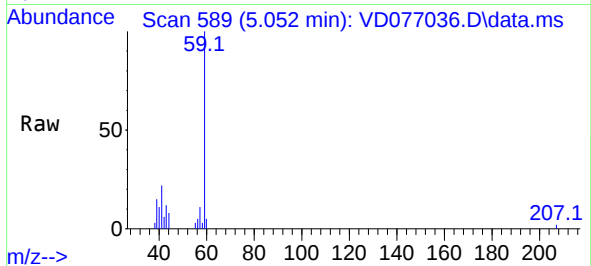
Tgt Ion:142 Resp: 156598
Ion Ratio Lower Upper
142 100
127 44.6 29.4 44.0#
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 262.579 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

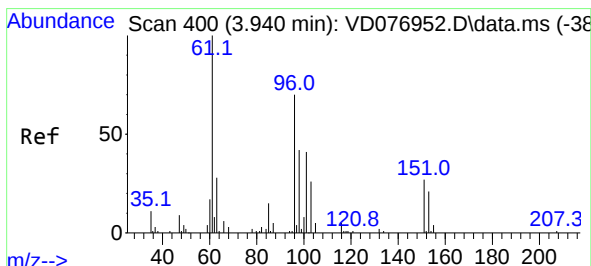
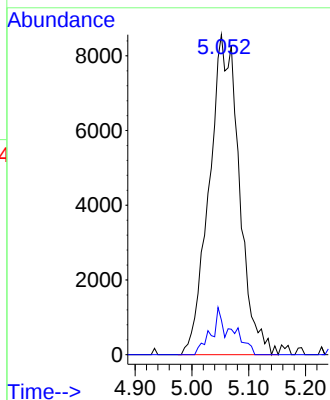
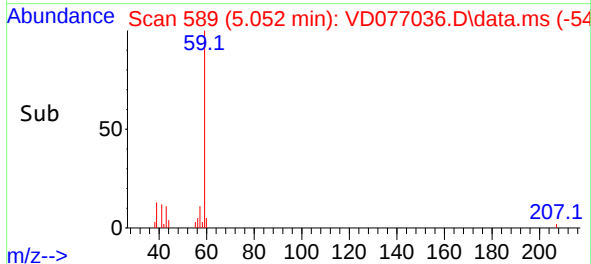
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



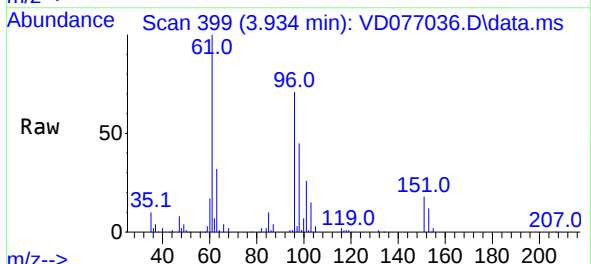
Tgt Ion: 59 Resp: 31458
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8

Manual Integrations
APPROVED

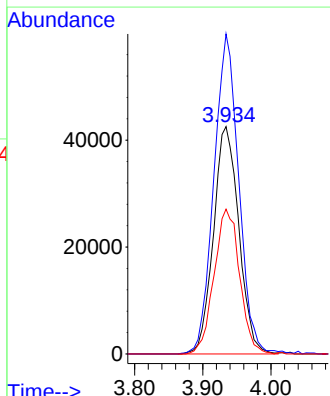
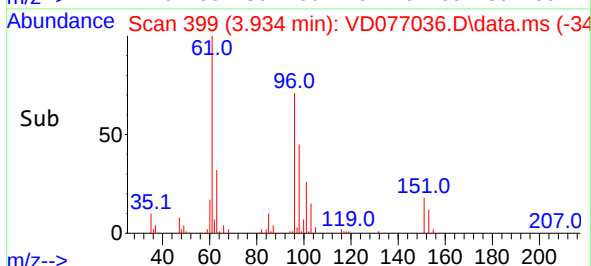
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

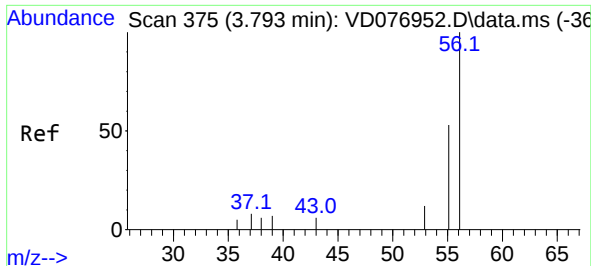


#12
1,1-Dichloroethene
Concen: 50.709 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion: 96 Resp: 110170
Ion Ratio Lower Upper
96 100
61 140.7 100.6 150.8
98 63.7 50.2 75.2





#13

Acrolein

Concen: 269.253 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 6768

Ion Ratio Lower Upper

56 100

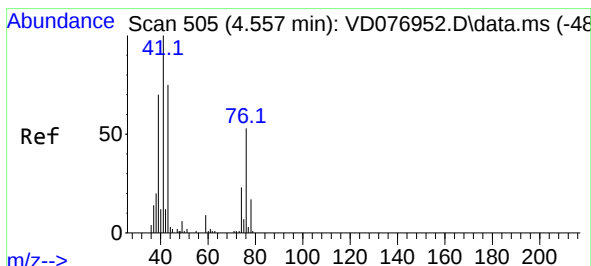
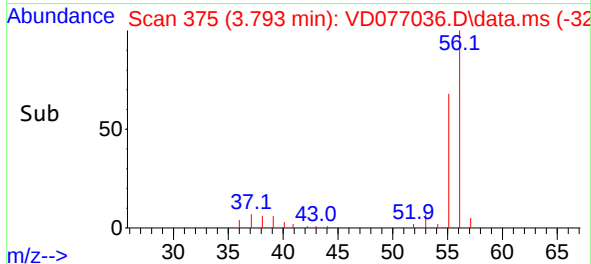
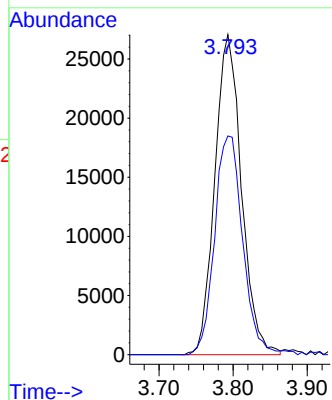
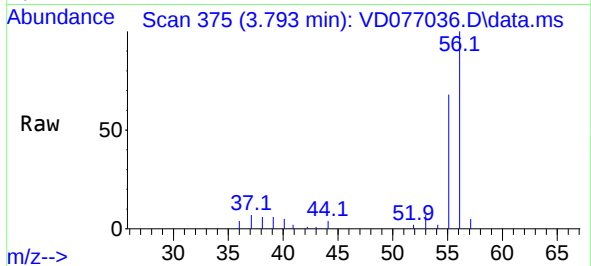
55 72.2 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023

Supervised By :Mahesh Dadoda 08/29/2023



#14

Allyl chloride

Concen: 51.116 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.001 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

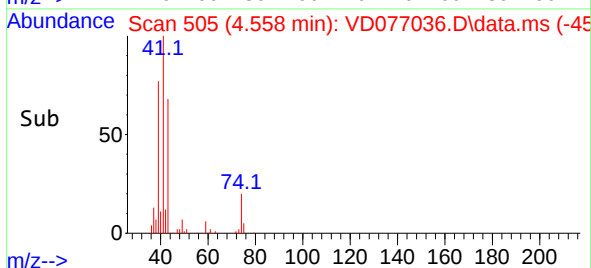
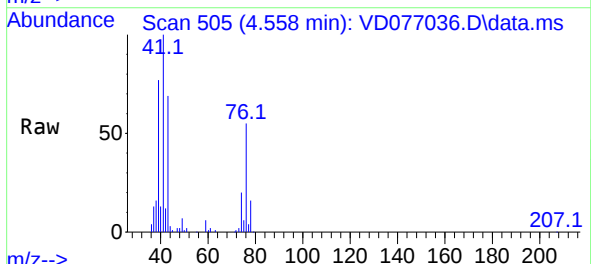
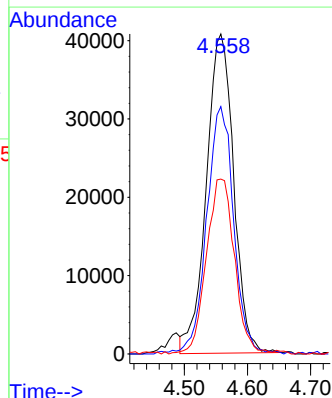
Tgt Ion: 41 Resp: 122515

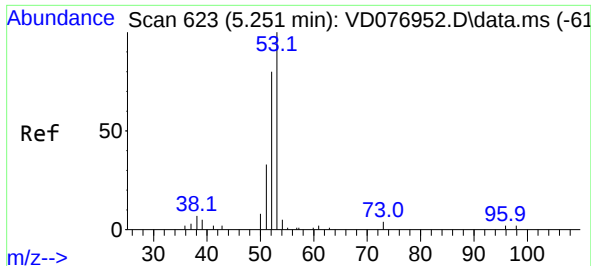
Ion Ratio Lower Upper

41 100

39 77.1 53.8 80.6

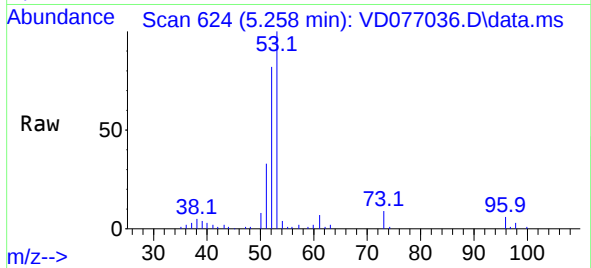
76 56.4 45.8 68.8





#15
Acrylonitrile
Concen: 270.842 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

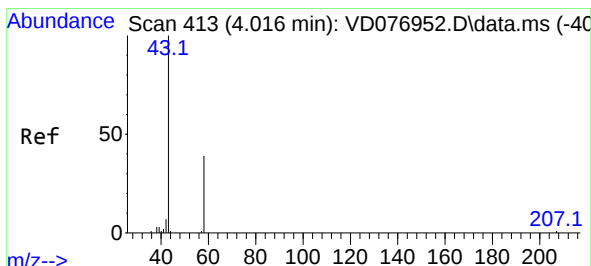
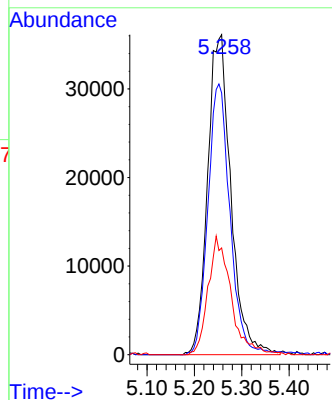
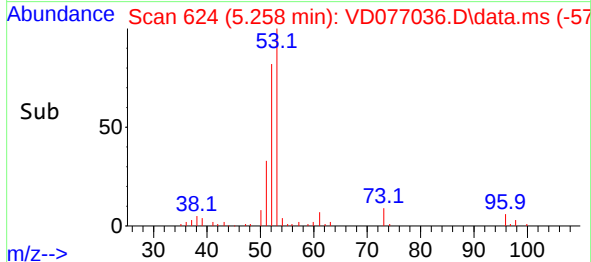
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



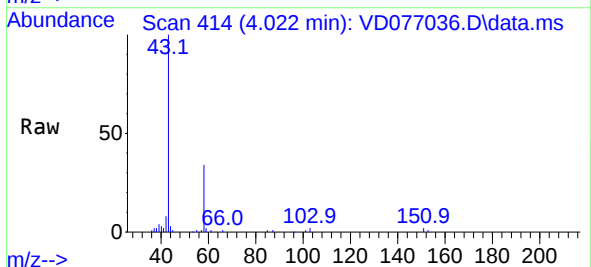
Tgt Ion: 53 Resp: 123072
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.4
51 36.6 28.3 42.5

Manual Integrations
APPROVED

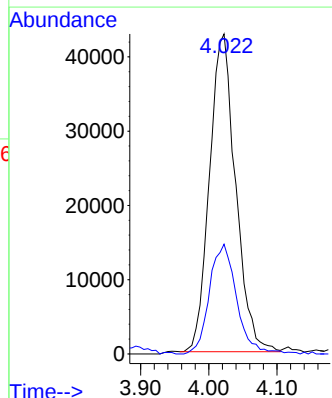
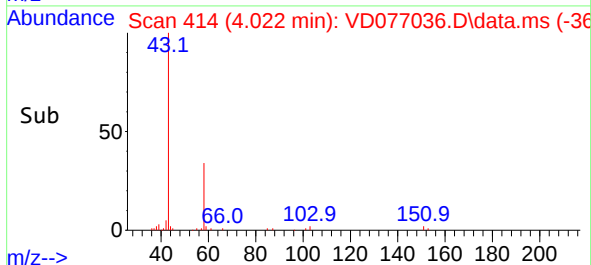
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

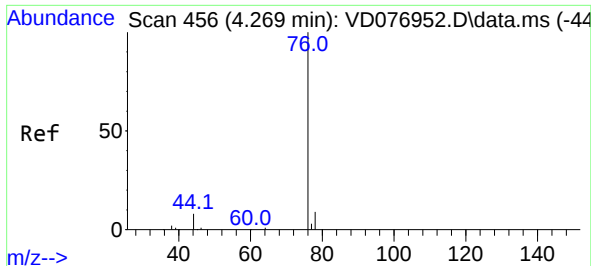


#16
Acetone
Concen: 250.851 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



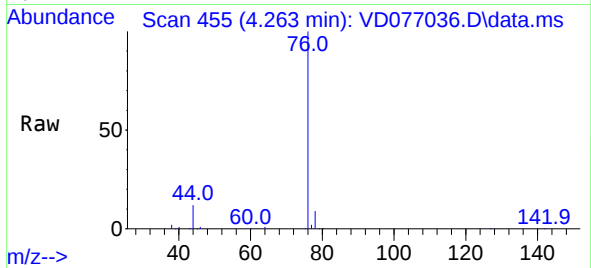
Tgt Ion: 43 Resp: 114170
Ion Ratio Lower Upper
43 100
58 34.6 34.7 52.1#





#17
Carbon Disulfide
Concen: 48.606 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

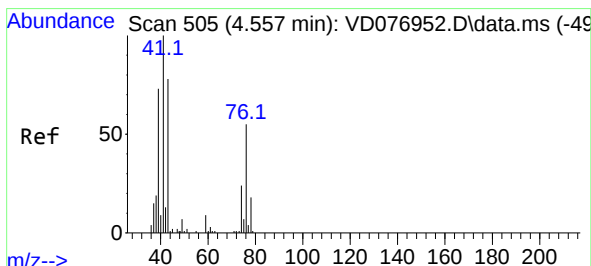
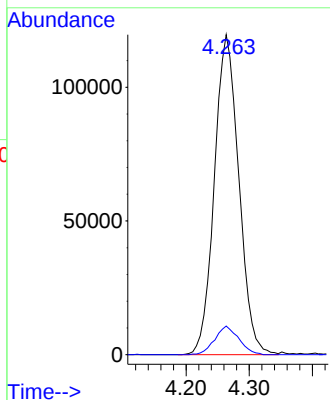
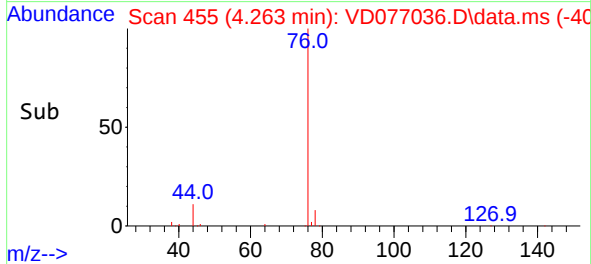
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 32228
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

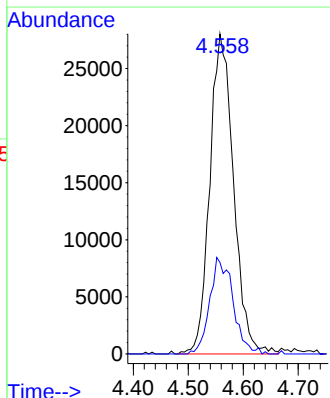
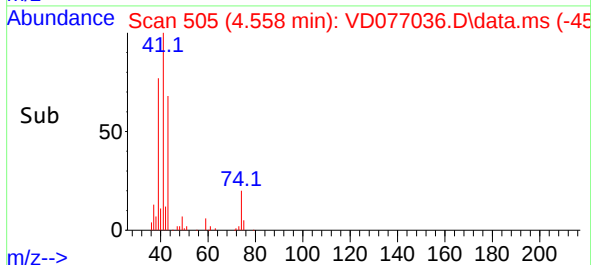
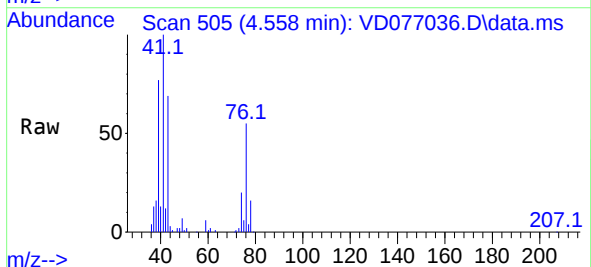
Manual Integrations
APPROVED

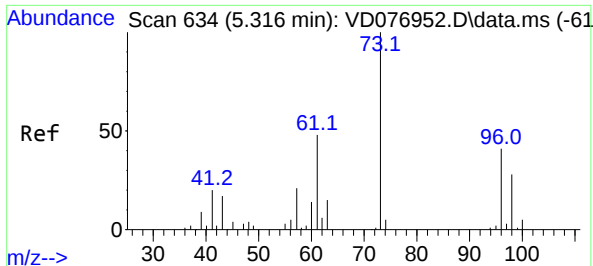
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#18
Methyl Acetate
Concen: 54.711 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Tgt Ion: 43 Resp: 84253
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 54.730 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 257892

Ion Ratio Lower Upper

73 100

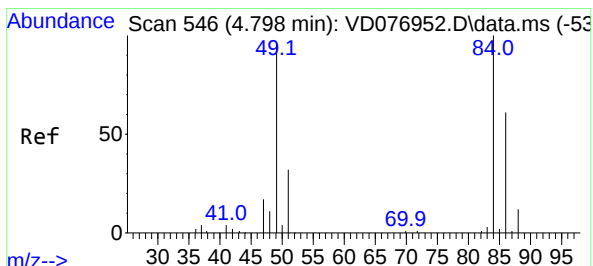
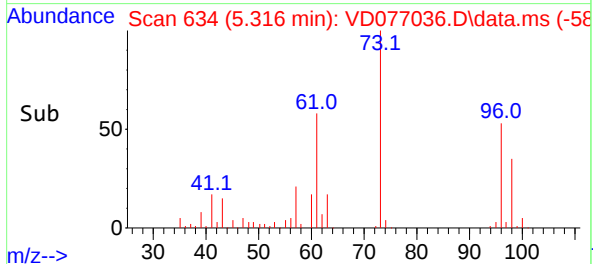
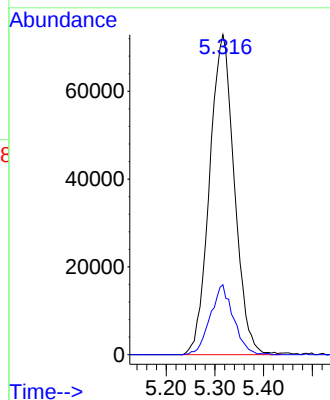
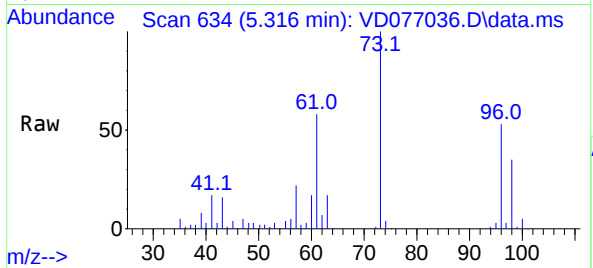
57 21.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023

Supervised By :Mahesh Dadoda 08/29/2023



#20

Methylene Chloride

Concen: 54.854 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.001 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

Tgt Ion: 84 Resp: 155703

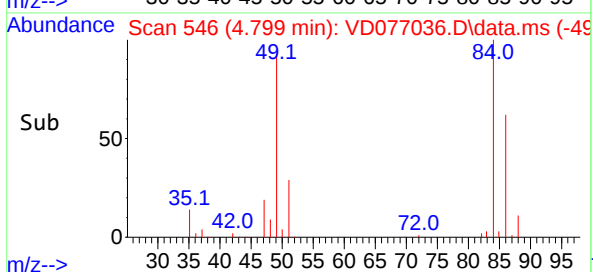
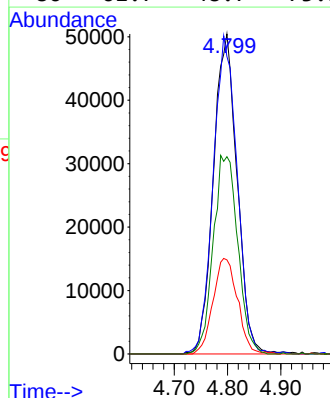
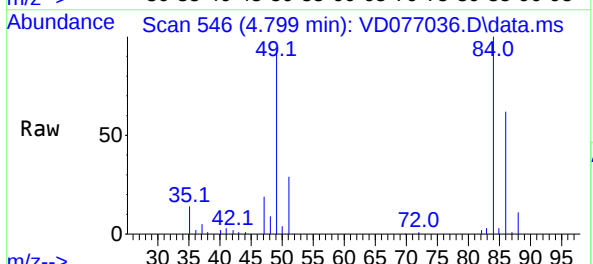
Ion Ratio Lower Upper

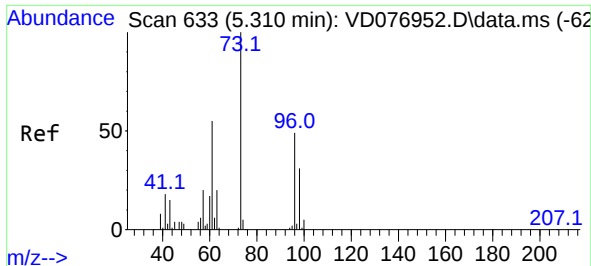
84 100

49 93.0 71.4 107.2

51 29.4 24.5 36.7

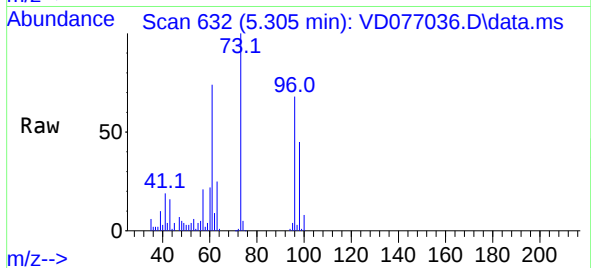
86 61.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 52.426 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

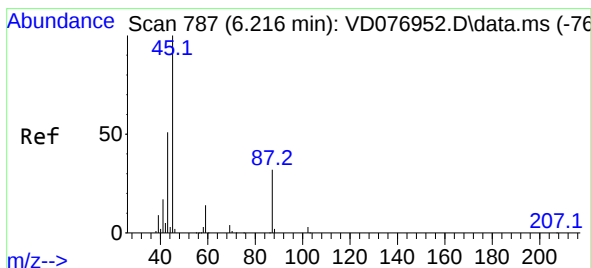
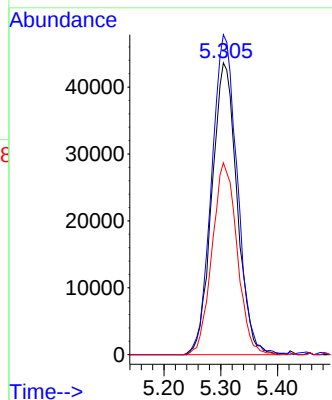
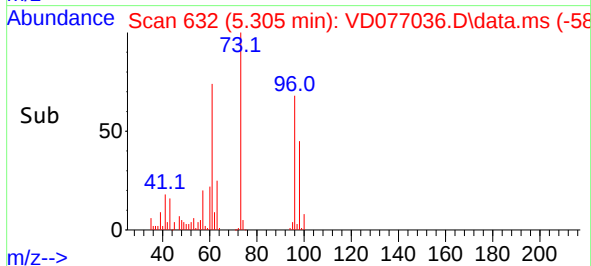
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



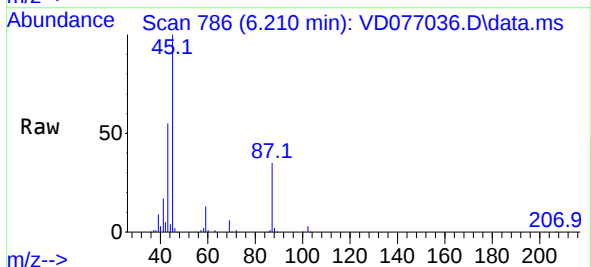
Tgt Ion: 96 Resp: 134169
Ion Ratio Lower Upper
96 100
61 109.6 89.3 133.9
98 65.8 48.6 73.0

Manual Integrations
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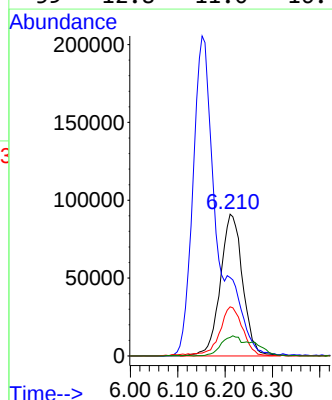
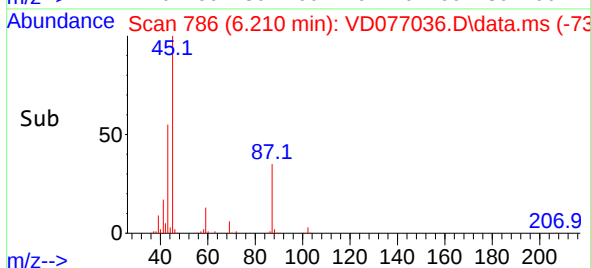
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

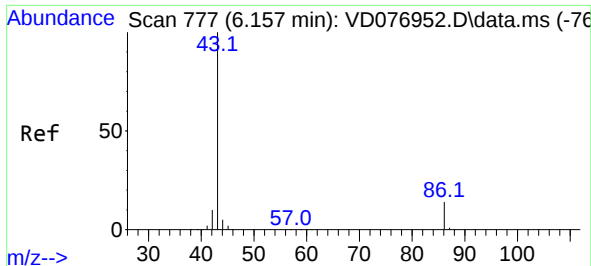


#22
Diisopropyl ether
Concen: 55.369 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion: 45 Resp: 297284
Ion Ratio Lower Upper
45 100
43 54.5 40.0 60.0
87 34.5 28.2 42.4
59 12.8 11.0 16.4





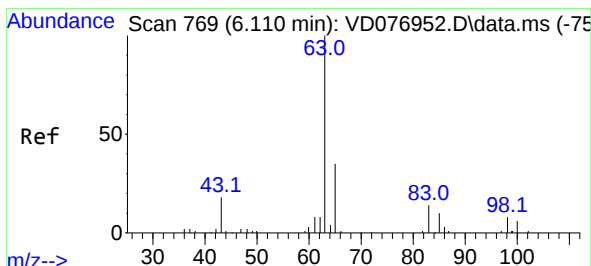
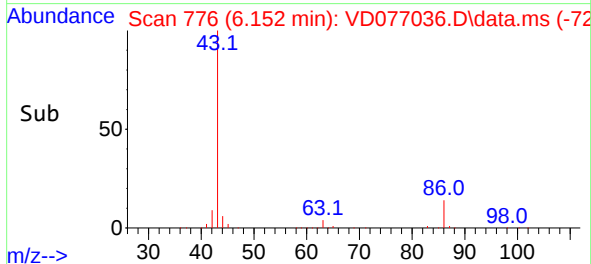
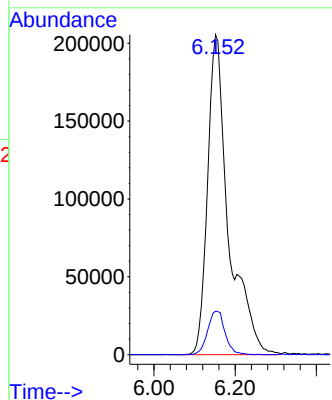
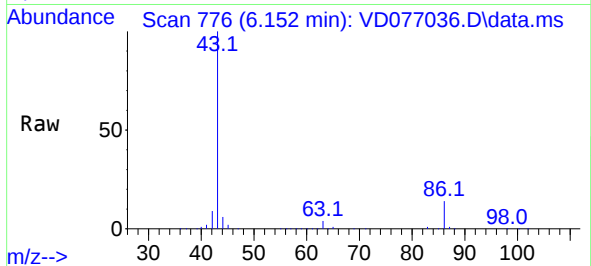
#23
 Vinyl Acetate
 Concen: 289.351 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD077036.D
 Acq: 28 Aug 2023 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 73691
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7

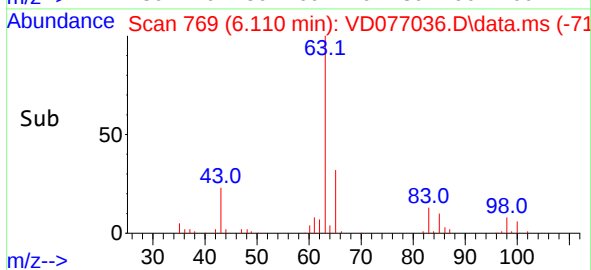
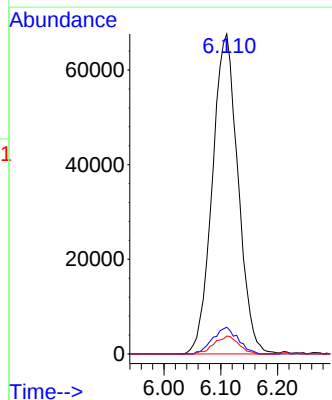
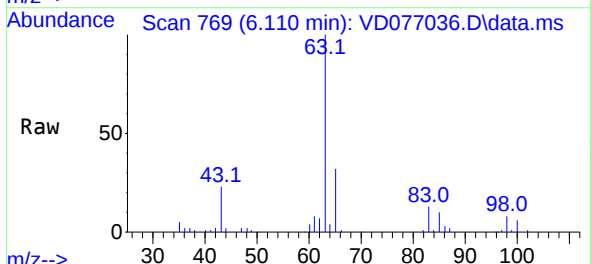
Manual Integrations
 APPROVED

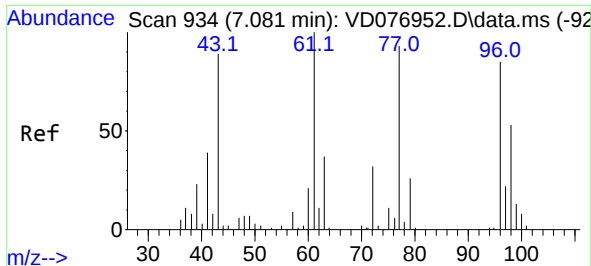
Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023



#24
 1,1-Dichloroethane
 Concen: 52.639 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077036.D
 Acq: 28 Aug 2023 11:25

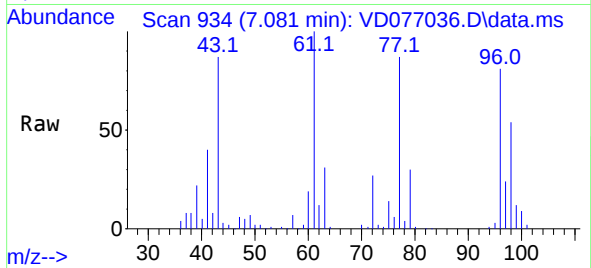
Tgt Ion: 63 Resp: 212172
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 5.6 2.5 7.5





#25
2-Butanone
Concen: 266.518 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

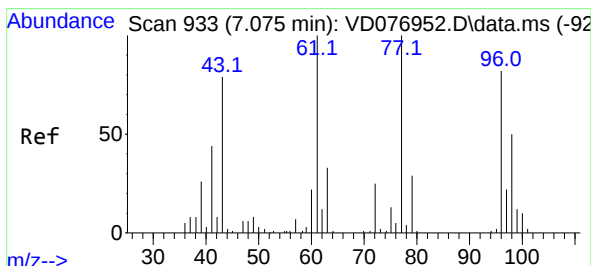
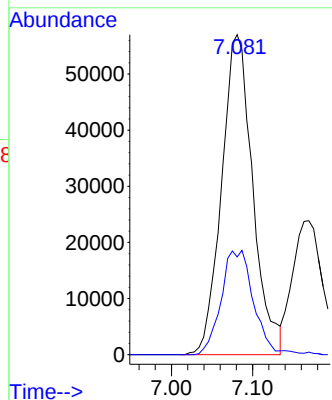
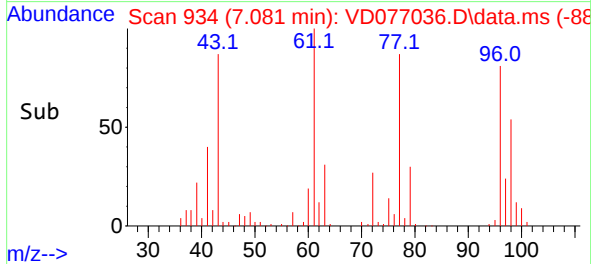
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



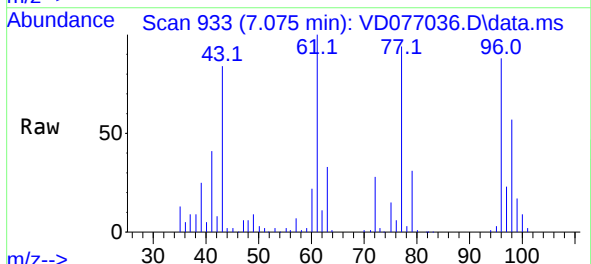
Tgt Ion: 43 Resp: 15198
Ion Ratio Lower Upper
43 100
72 30.6 30.7 46.1

Manual Integrations
APPROVED

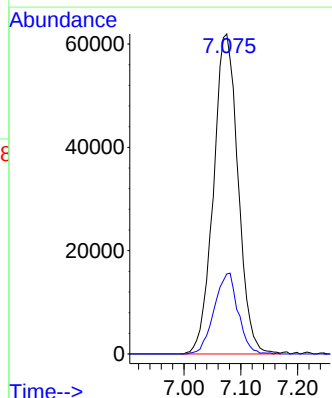
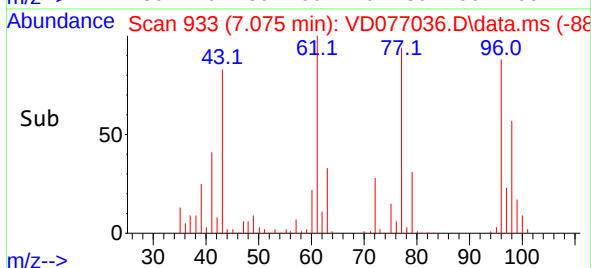
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

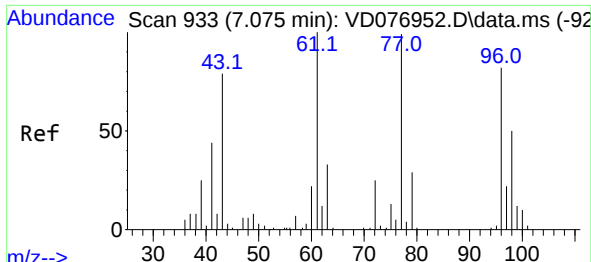


#26
2,2-Dichloropropane
Concen: 51.910 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



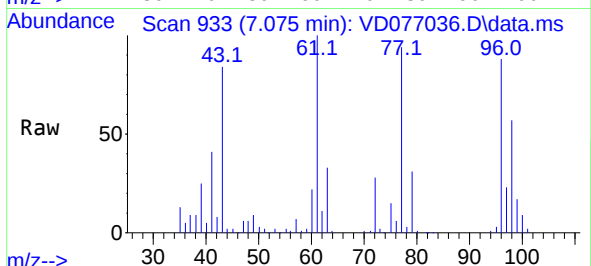
Tgt Ion: 77 Resp: 186213
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.934 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD077036.D
 Acq: 28 Aug 2023 11:25

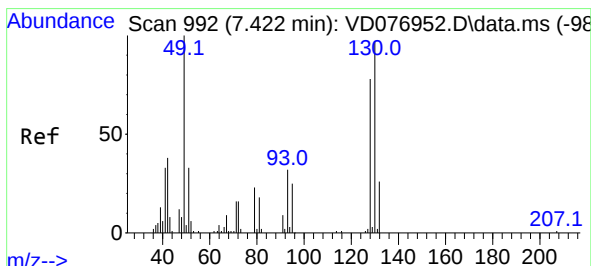
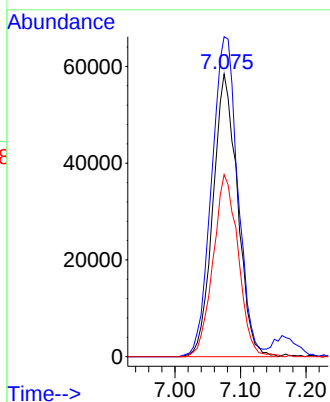
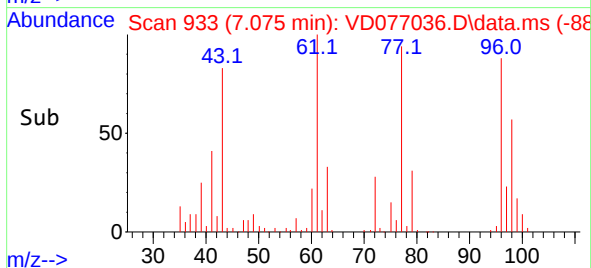
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



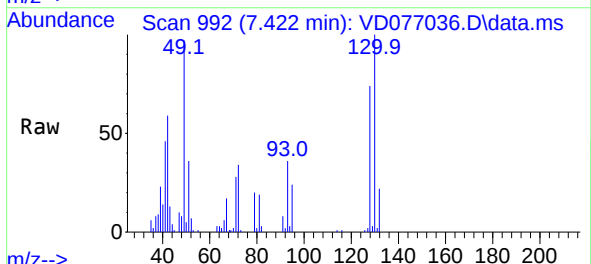
Tgt Ion: 96 Resp: 152190
 Ion Ratio Lower Upper
 96 100
 61 120.3 0.0 239.2
 98 65.6 0.0 128.6

Manual Integrations
 APPROVED

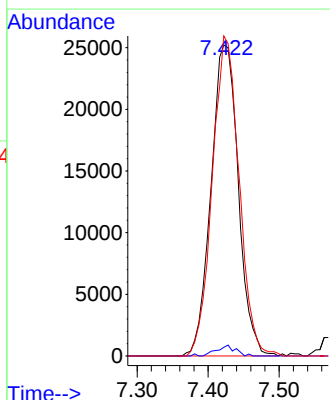
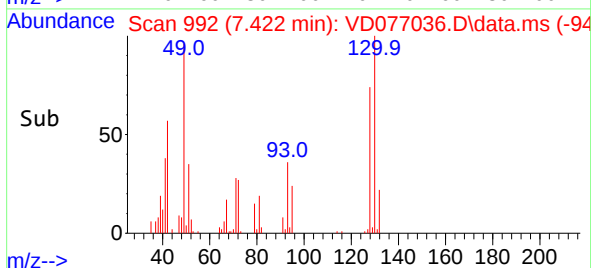
Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

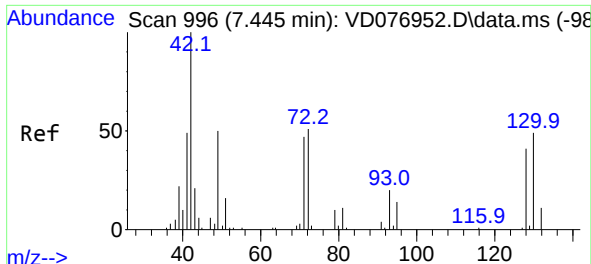


#28
 Bromochloromethane
 Concen: 46.680 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077036.D
 Acq: 28 Aug 2023 11:25



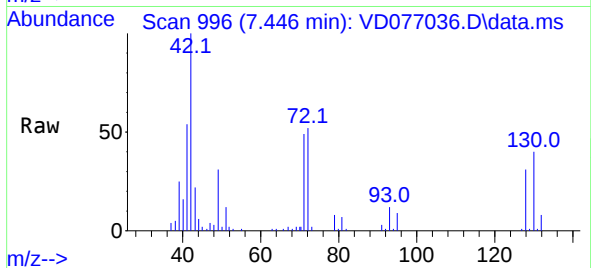
Tgt Ion: 49 Resp: 67209
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 100.9 83.2 124.8





#29
Tetrahydrofuran
Concen: 283.323 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

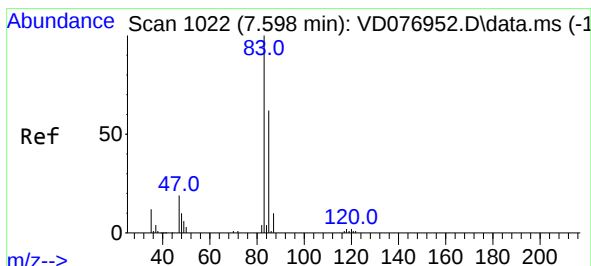
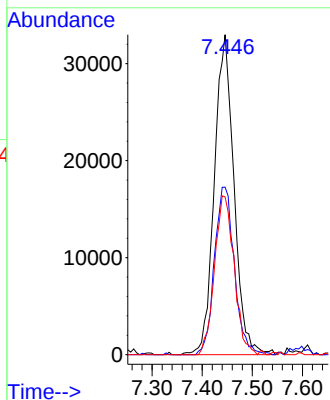
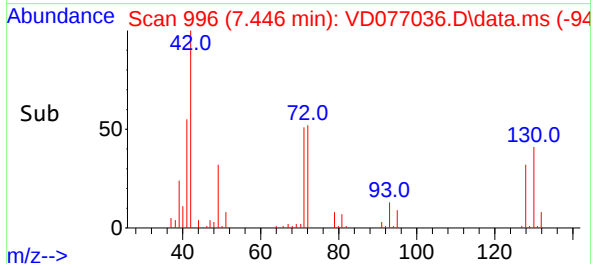
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



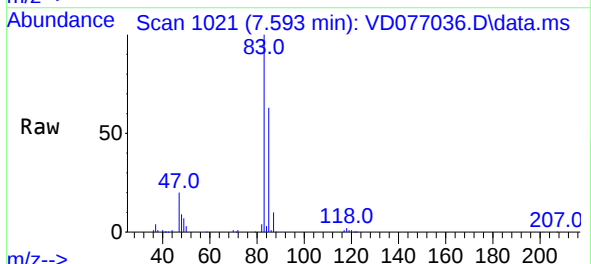
Tgt Ion: 42 Resp: 8974
Ion Ratio Lower Upper
42 100
72 53.2 46.5 69.7
71 49.3 44.5 66.7

Manual Integrations
APPROVED

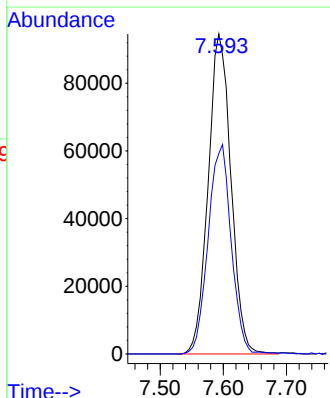
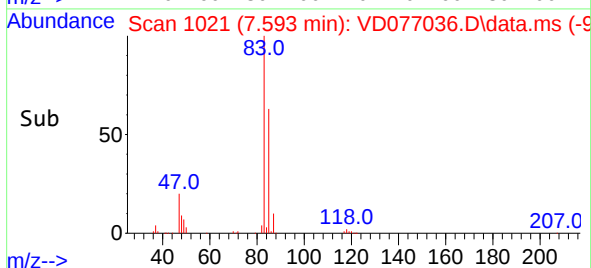
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

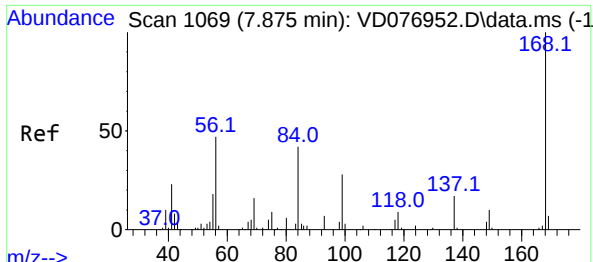


#30
Chloroform
Concen: 52.575 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



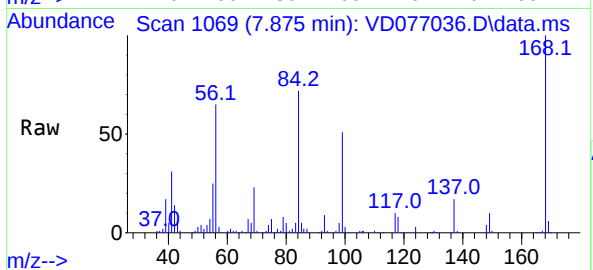
Tgt Ion: 83 Resp: 237402
Ion Ratio Lower Upper
83 100
85 62.6 53.4 80.2





#31
Cyclohexane
Concen: 47.267 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

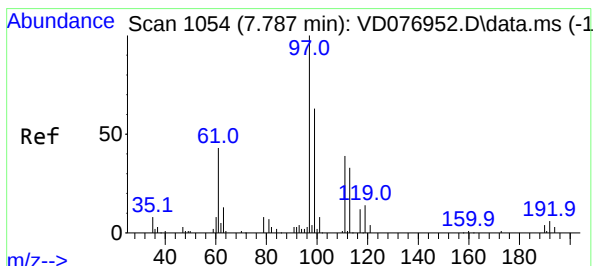
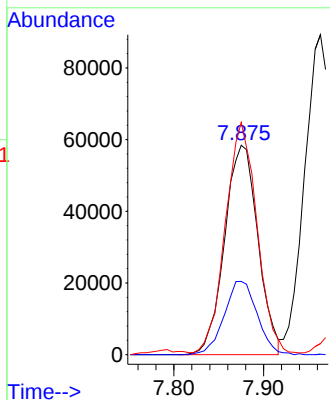
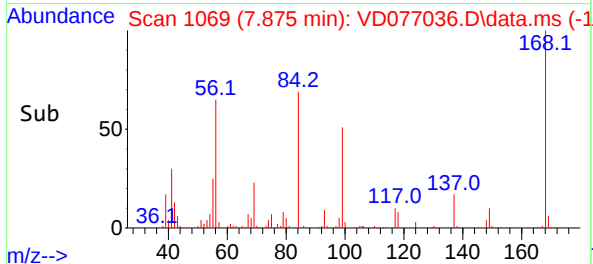
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



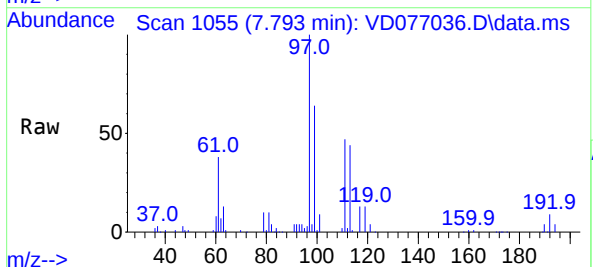
Tgt Ion: 56 Resp: 150780
Ion Ratio Lower Upper
56 100
69 35.0 28.6 43.0
84 109.4 84.8 127.2

Manual Integrations
APPROVED

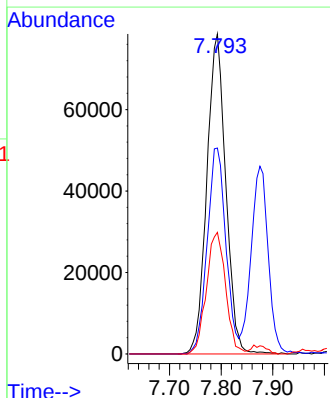
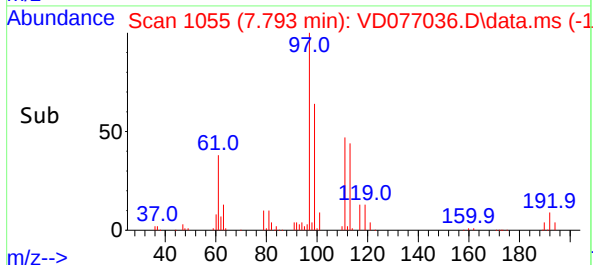
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

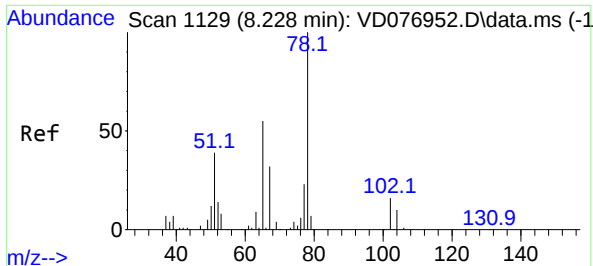


#32
1,1,1-Trichloroethane
Concen: 50.957 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion: 97 Resp: 199703
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 38.7 33.8 50.8





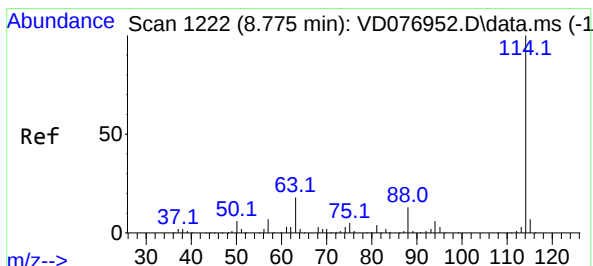
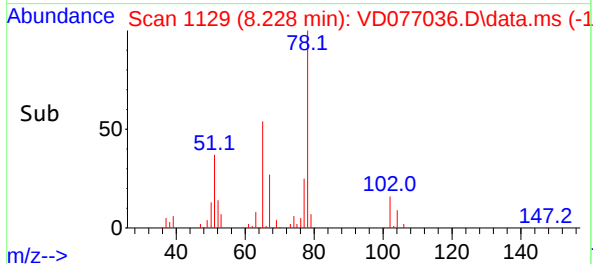
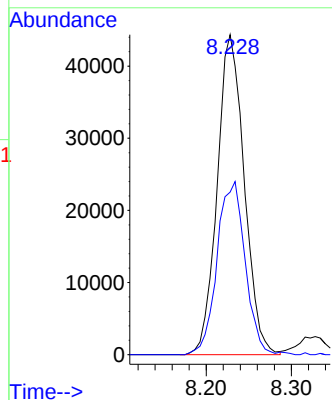
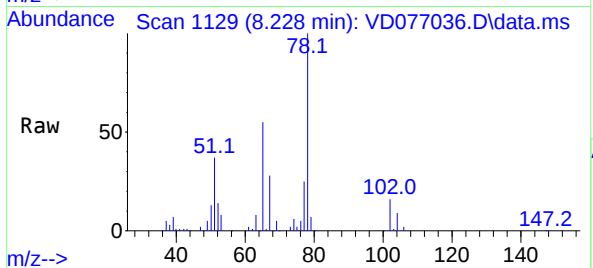
#33
1,2-Dichloroethane-d4
Concen: 49.036 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 97912
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0

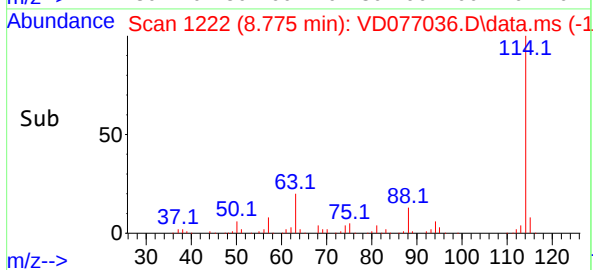
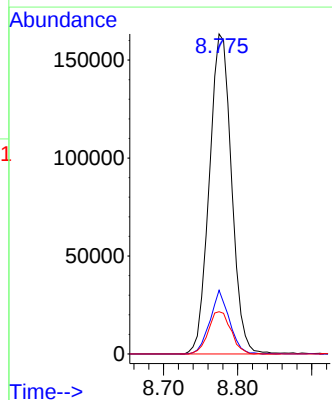
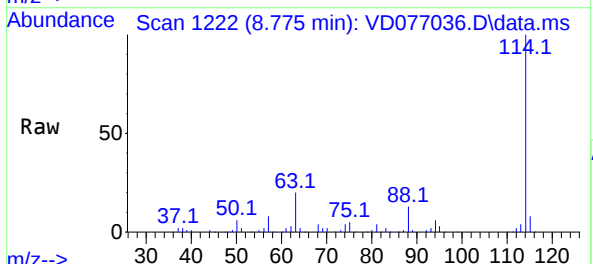
Manual Integrations
APPROVED

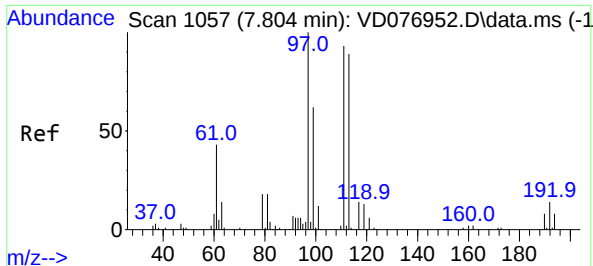
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

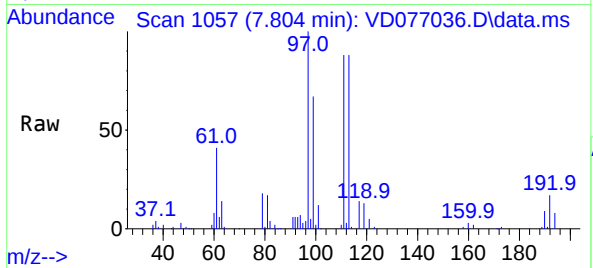
Tgt Ion:114 Resp: 339938
Ion Ratio Lower Upper
114 100
63 19.9 0.0 33.4
88 13.2 0.0 26.2





#35
Dibromofluoromethane
Concen: 49.765 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

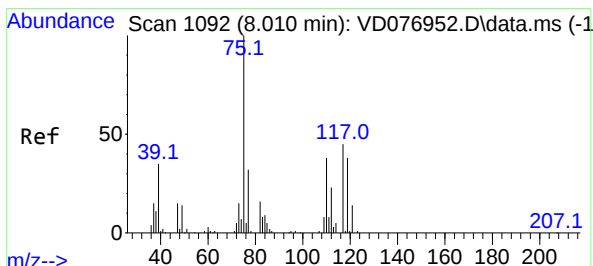
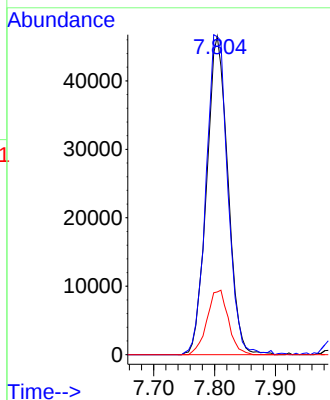
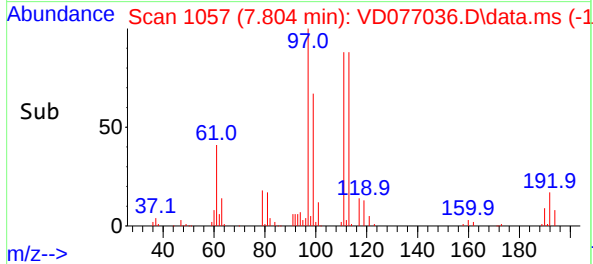
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



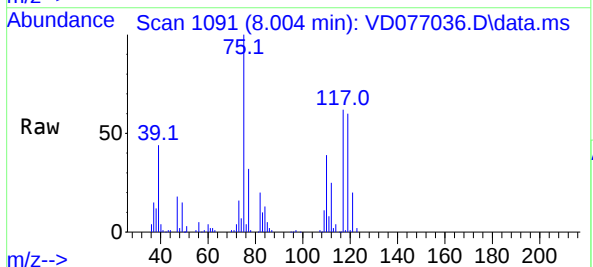
Tgt Ion: 113 Resp: 11301
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 20.2 16.8 25.2

Manual Integrations
APPROVED

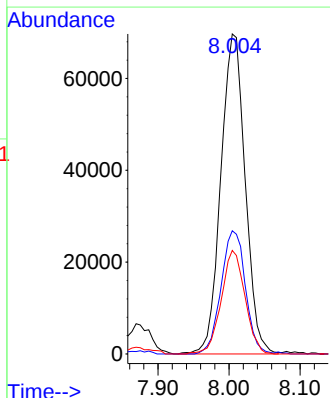
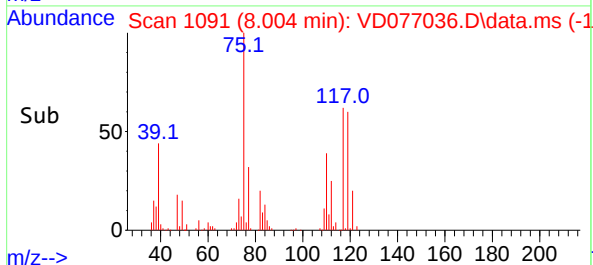
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

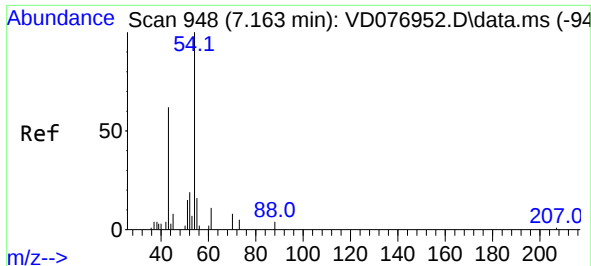


#36
1,1-Dichloropropene
Concen: 51.338 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



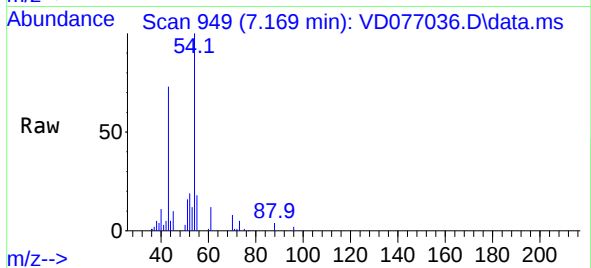
Tgt Ion: 75 Resp: 166086
Ion Ratio Lower Upper
75 100
110 38.4 19.9 59.6
77 31.5 24.7 37.1





#37
Ethyl Acetate
Concen: 54.326 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

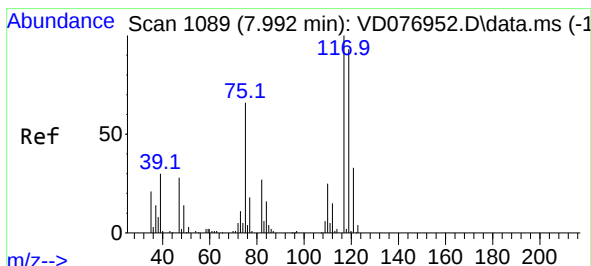
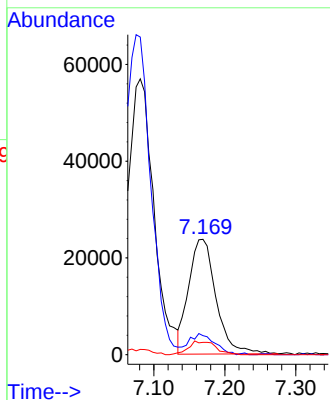
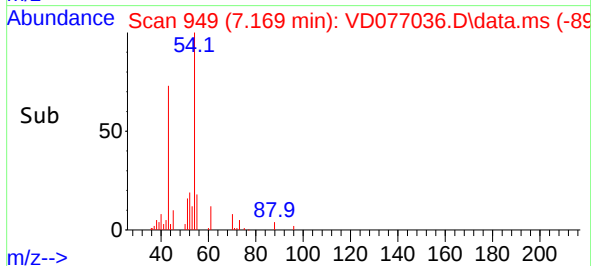
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 63692
Ion Ratio Lower Upper
43 100
61 16.2 14.9 22.3
70 11.5 10.0 15.0

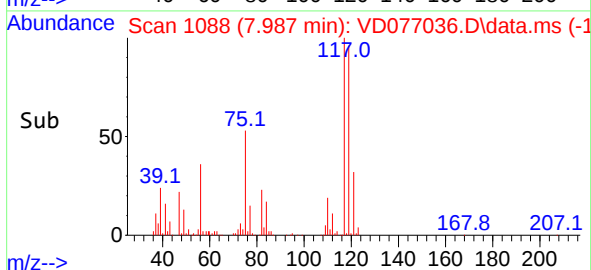
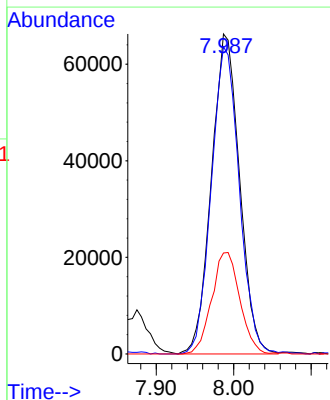
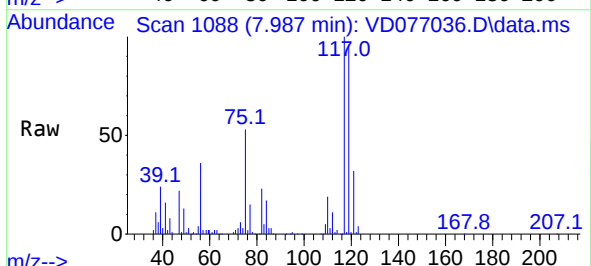
Manual Integrations
APPROVED

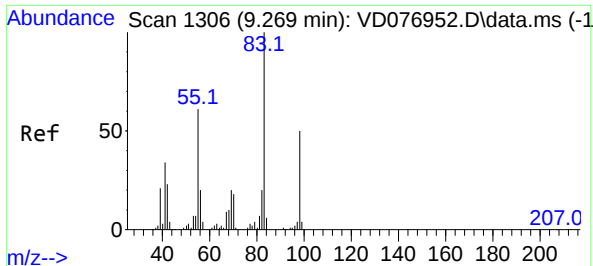
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#38
Carbon Tetrachloride
Concen: 51.051 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.005 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Tgt Ion:117 Resp: 166990
Ion Ratio Lower Upper
117 100
119 96.0 78.0 117.0
121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 49.615 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

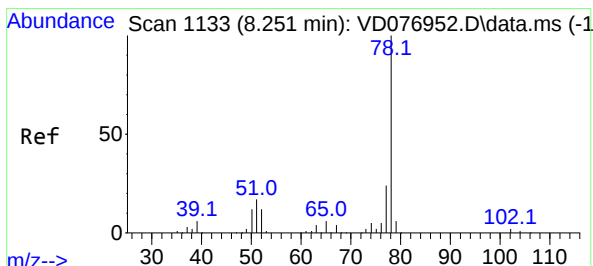
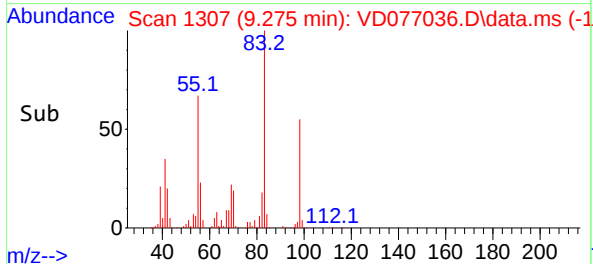
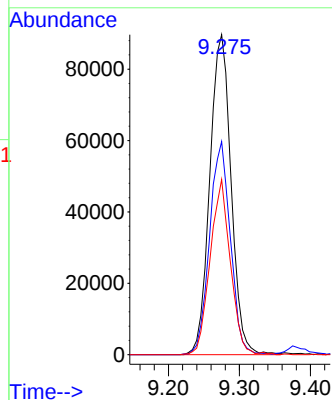
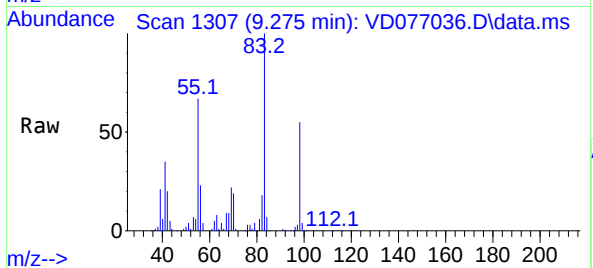
VSTDICCC050

Tgt Ion:	83	Resp:	18659
Ion Ratio	Lower	Upper	
83	100		
55	66.6	49.4	74.0
98	54.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#40

Benzene

Concen: 53.063 ug/l

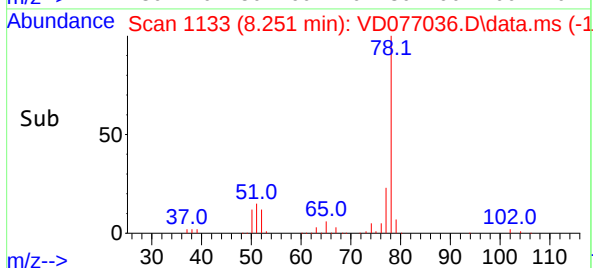
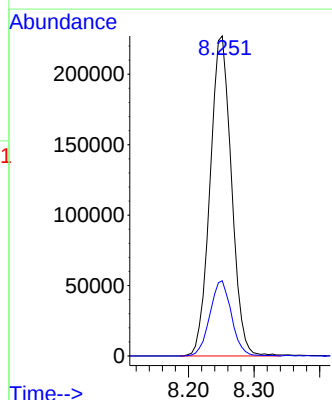
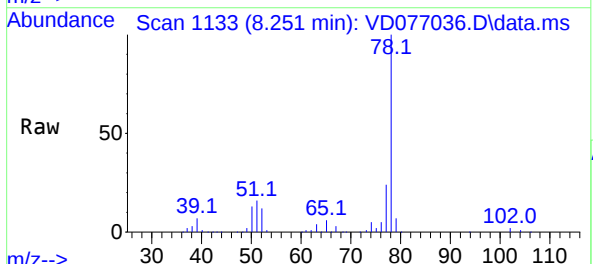
RT: 8.251 min Scan# 1133

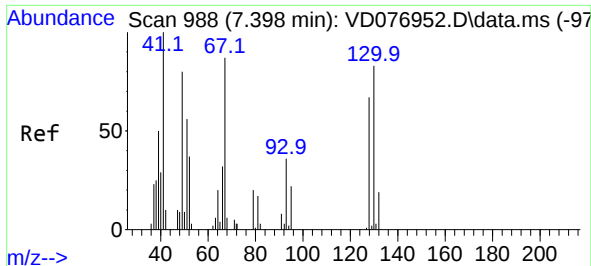
Delta R.T. 0.000 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

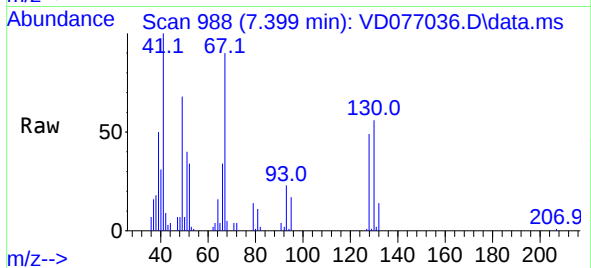
Tgt Ion:	78	Resp:	515507
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.4	29.0





#41
Methacrylonitrile
Concen: 54.301 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

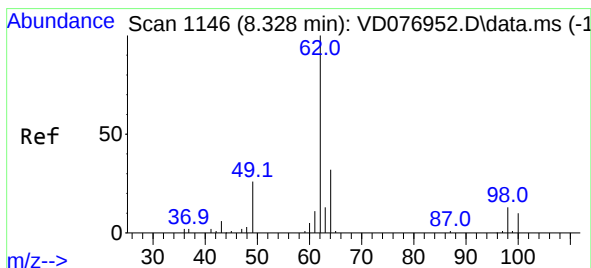
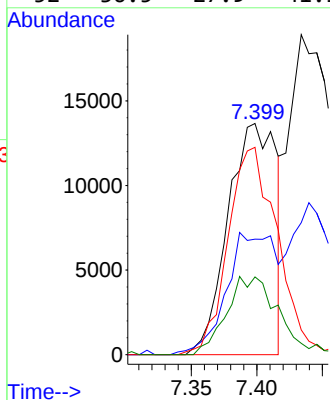
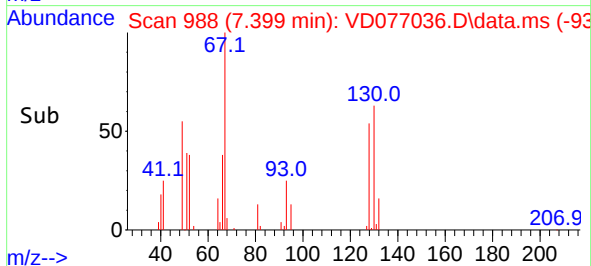
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 34938
Ion Ratio Lower Upper
41 100
39 53.2 34.0 51.0
67 92.0 77.0 115.4
52 36.5 27.9 41.9

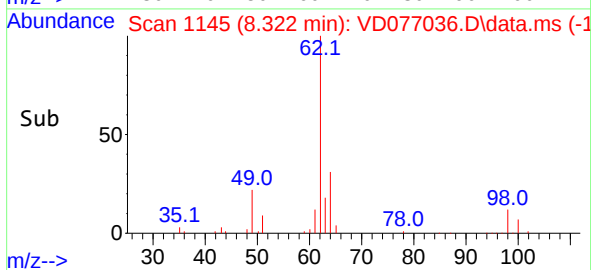
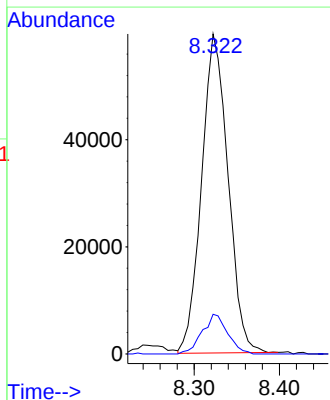
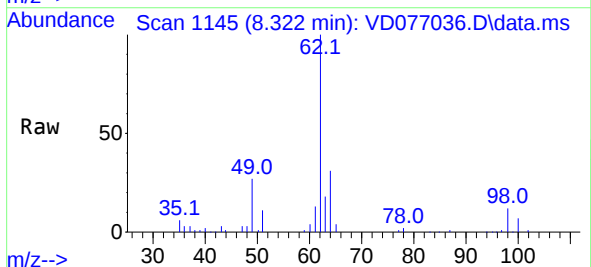
Manual Integrations
APPROVED

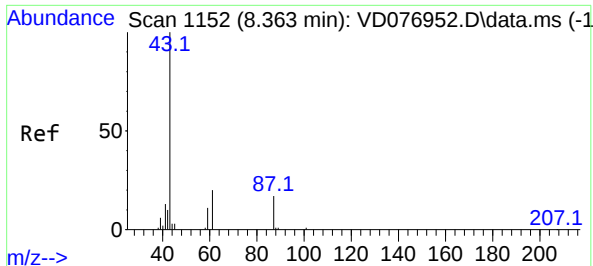
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#42
1,2-Dichloroethane
Concen: 51.161 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

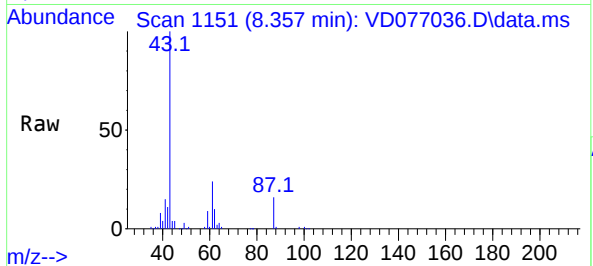
Tgt Ion: 62 Resp: 128441
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4





#43
Isopropyl Acetate
Concen: 53.872 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

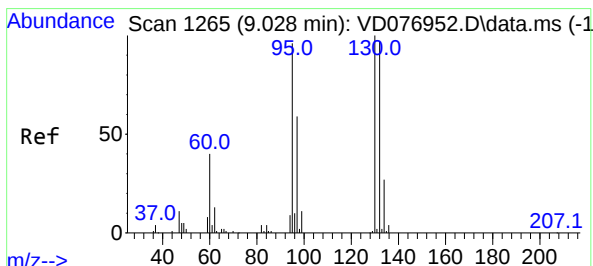
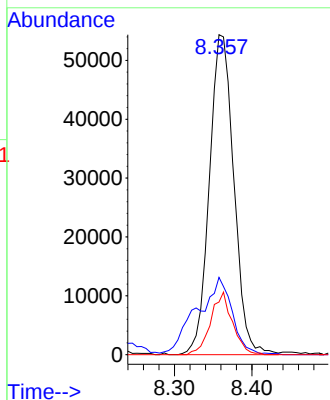
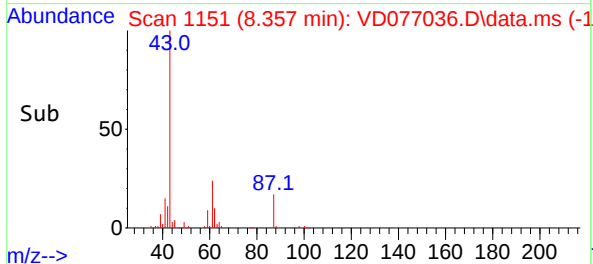
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 119434
Ion Ratio Lower Upper
43 100
61 34.9 31.4 47.0
87 17.4 14.9 22.3

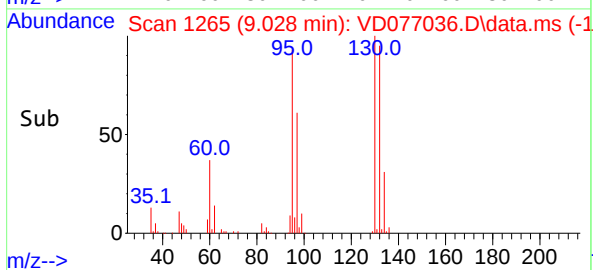
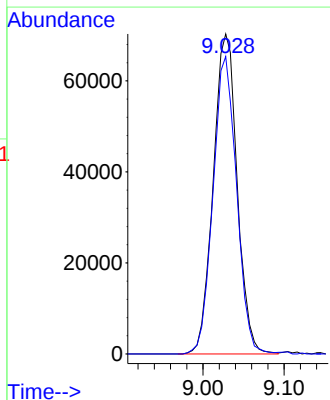
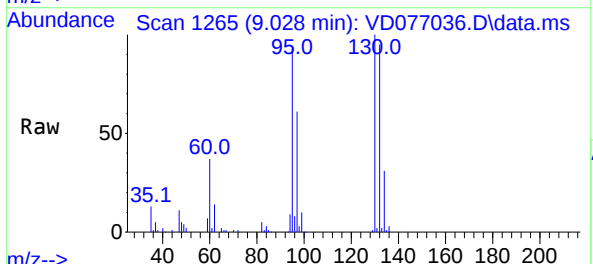
Manual Integrations
APPROVED

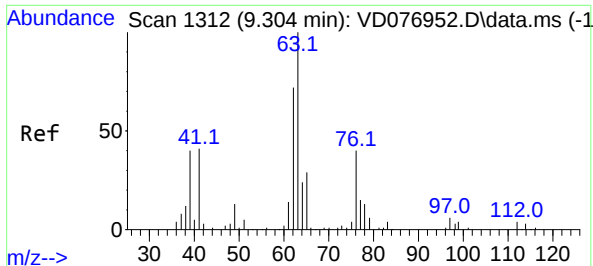
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#44
Trichloroethene
Concen: 51.980 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Tgt Ion:130 Resp: 143903
Ion Ratio Lower Upper
130 100
95 92.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.983 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 12406

Ion Ratio Lower Upper

63 100

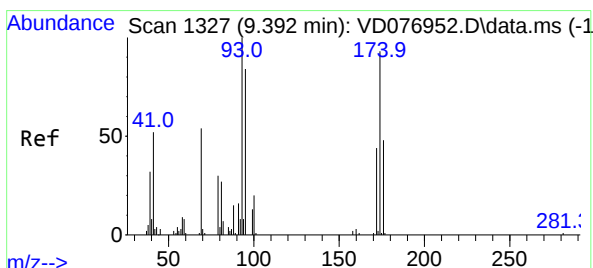
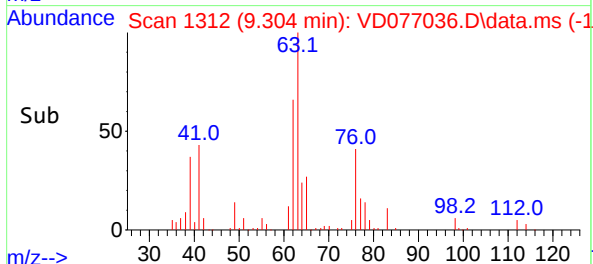
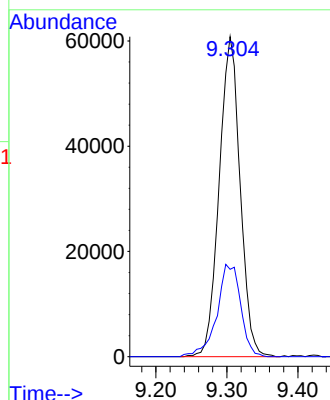
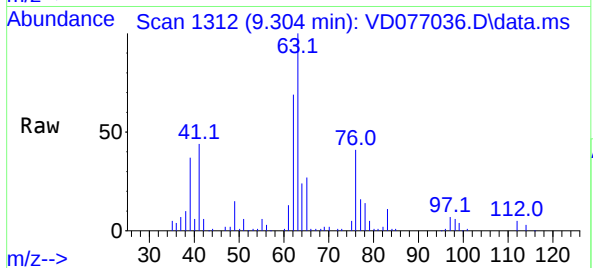
65 27.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023

Supervised By :Mahesh Dadoda 08/29/2023



#46

Dibromomethane

Concen: 51.840 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.001 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

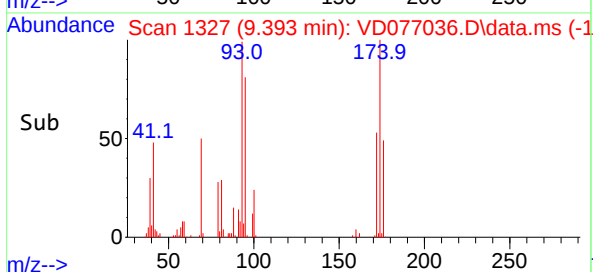
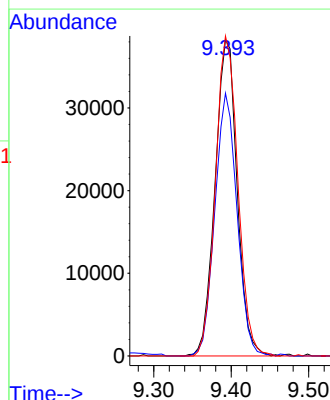
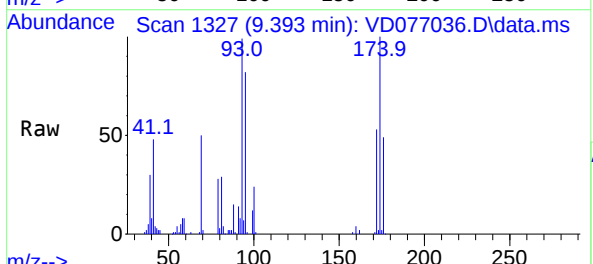
Tgt Ion: 93 Resp: 75854

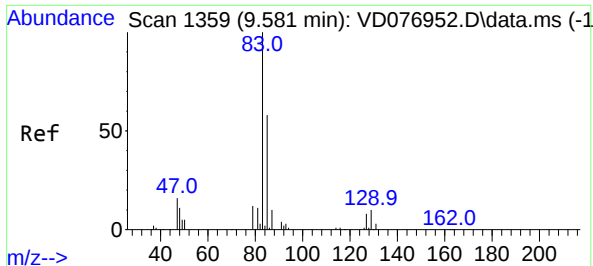
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

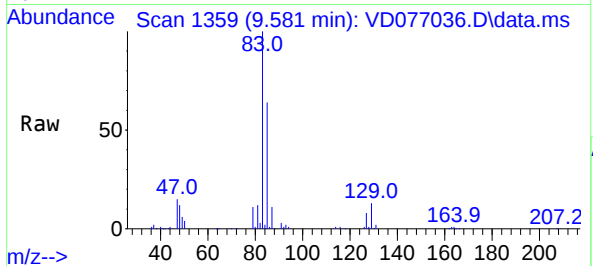
174 102.4 85.4 128.2





#47
Bromodichloromethane
Concen: 52.997 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

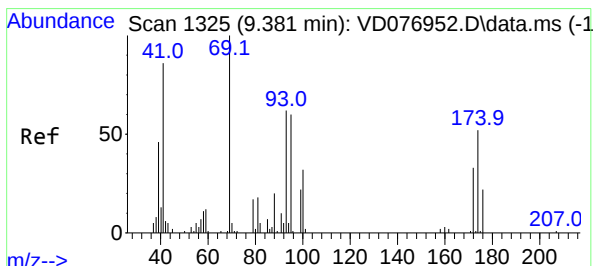
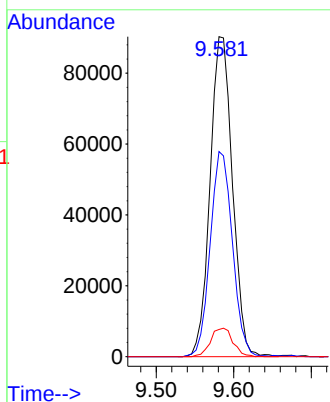
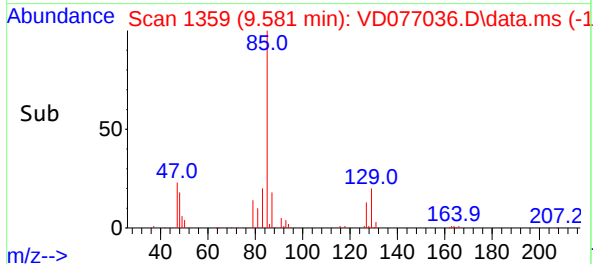
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



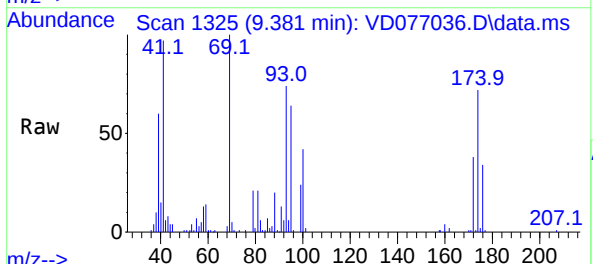
Tgt Ion: 83 Resp: 181034
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 8.5 6.3 9.5

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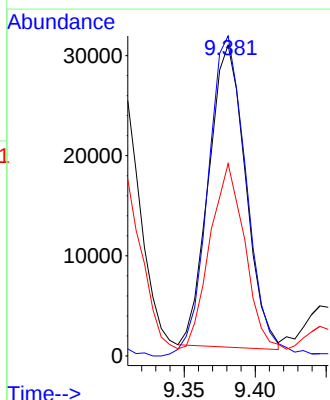
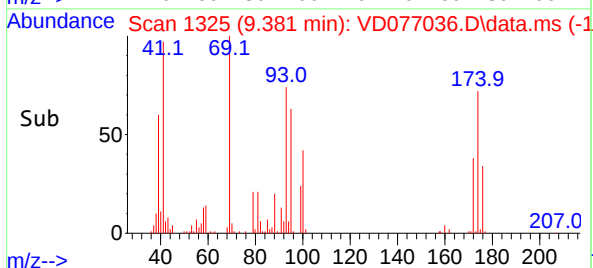
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

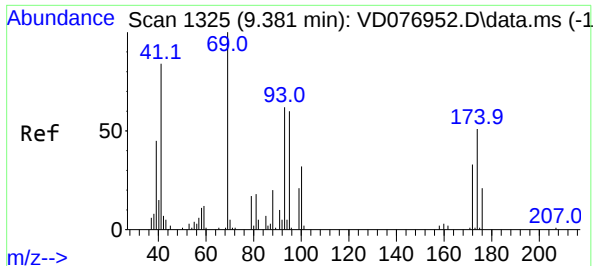


#48
Methyl methacrylate
Concen: 54.795 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion: 41 Resp: 54448
Ion Ratio Lower Upper
41 100
69 111.0 102.2 153.2
39 63.5 41.4 62.2#





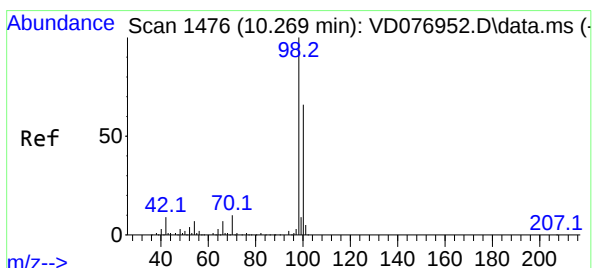
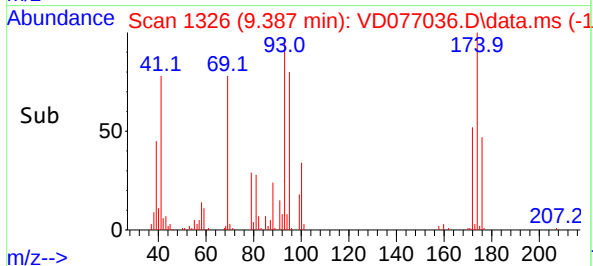
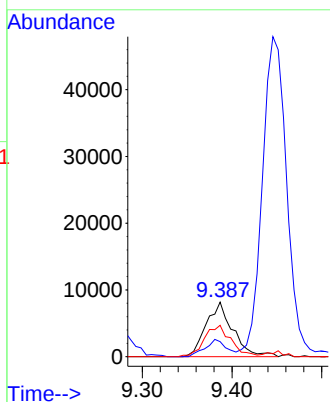
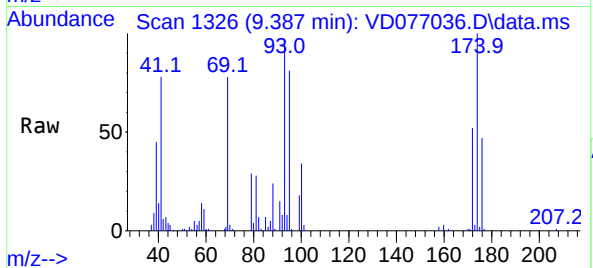
#49
1,4-Dioxane
Concen: 1079.912 ug/l
RT: 9.387 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 16928
Ion Ratio Lower Upper
88 100
43 25.1 19.0 28.6
58 57.1 43.5 65.3

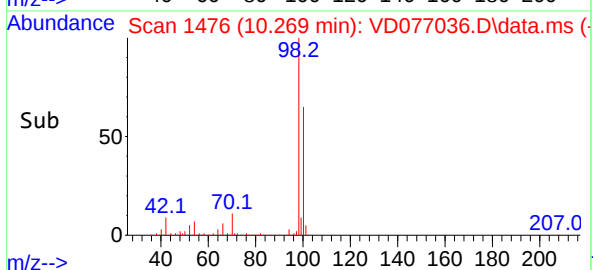
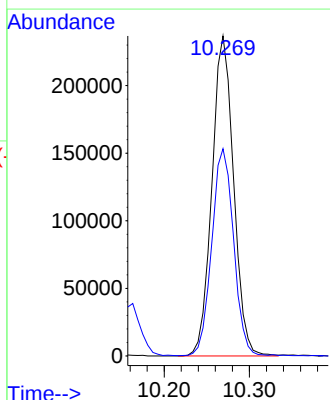
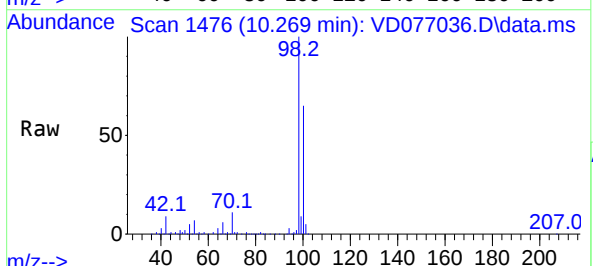
Manual Integrations
APPROVED

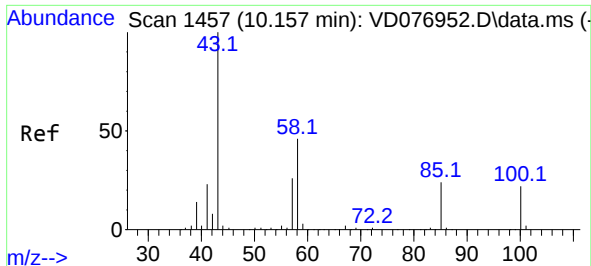
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#50
Toluene-d8
Concen: 50.888 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Tgt Ion: 98 Resp: 418093
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5





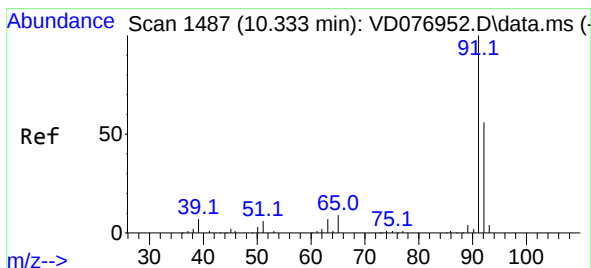
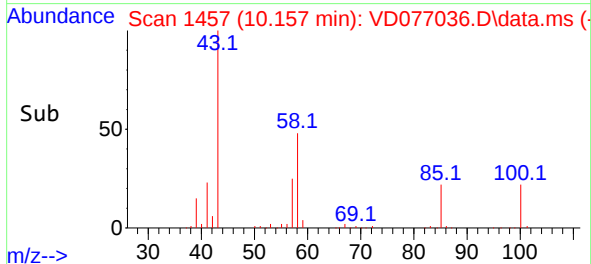
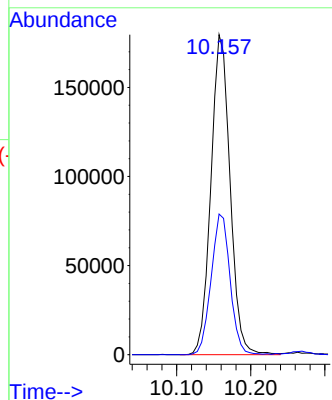
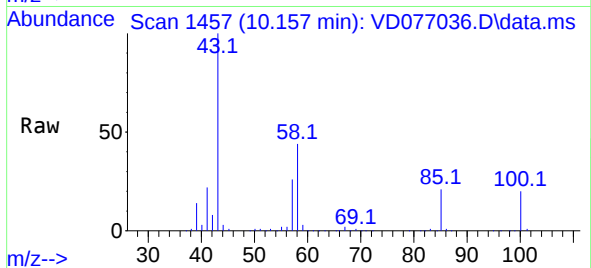
#51
4-Methyl-2-Pentanone
Concen: 282.489 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 322168
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3

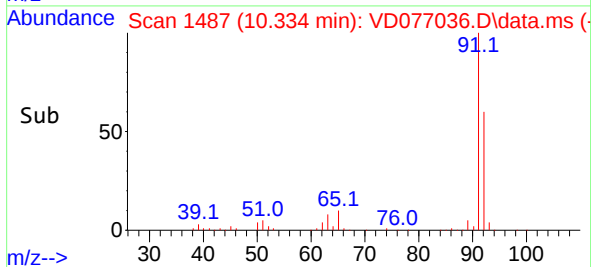
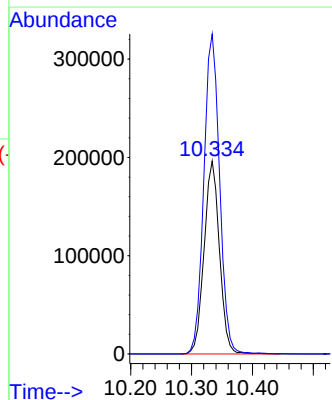
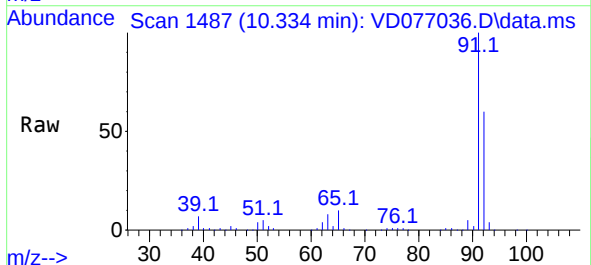
Manual Integrations
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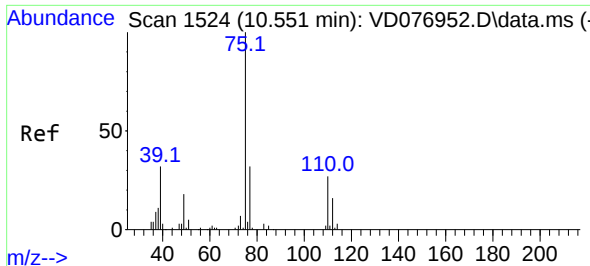
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#52
Toluene
Concen: 54.818 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

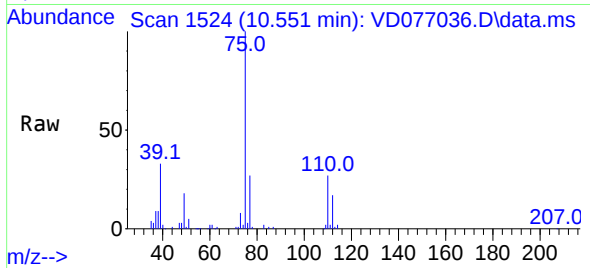
Tgt Ion: 92 Resp: 343201
Ion Ratio Lower Upper
92 100
91 170.5 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 54.438 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

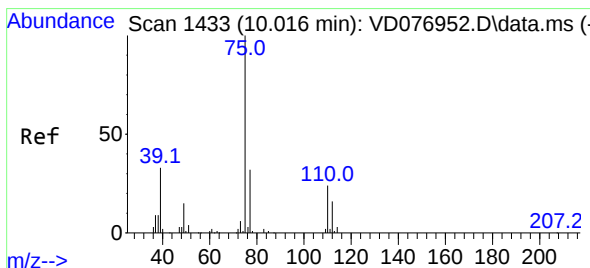
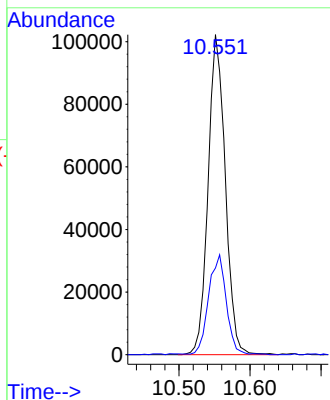
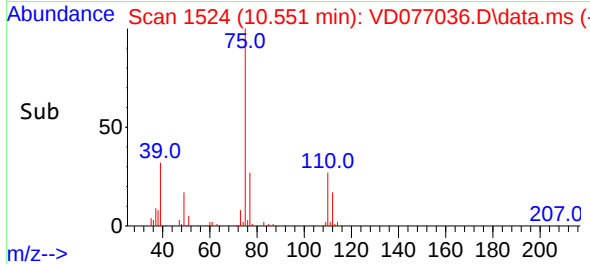
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



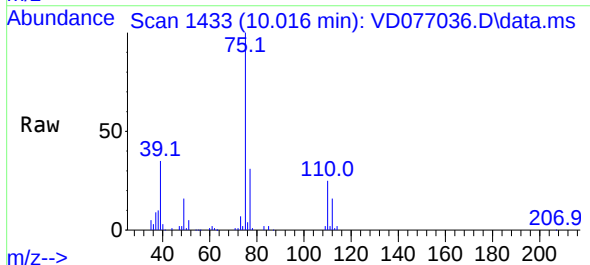
Tgt Ion: 75 Resp: 171974
Ion Ratio Lower Upper
75 100
77 27.1 25.3 37.9

Manual Integrations
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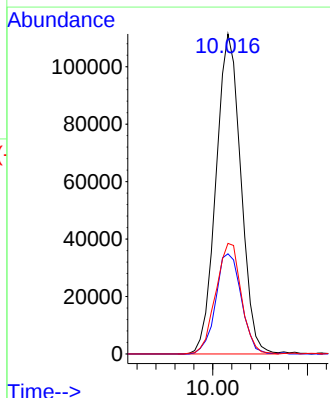
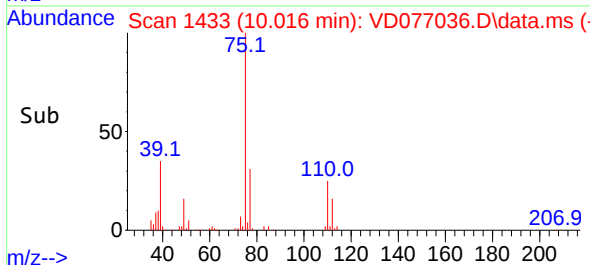
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

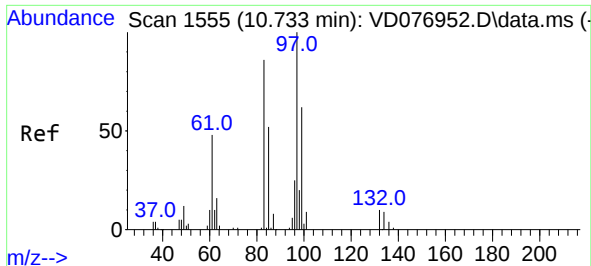


#54
cis-1,3-Dichloropropene
Concen: 53.952 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



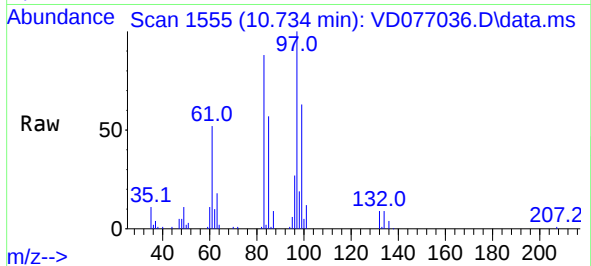
Tgt Ion: 75 Resp: 202703
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 34.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 53.628 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument : MSVOA_D
ClientSampleId : VSTDICCC050

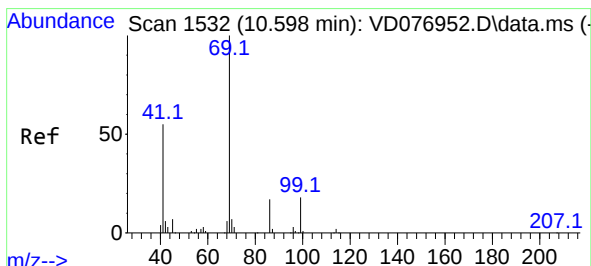
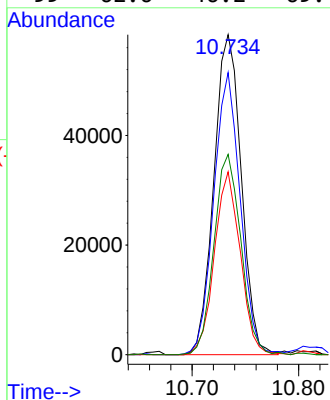
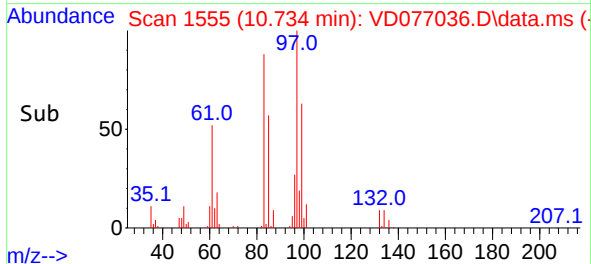


Tgt Ion: 97 Resp: 104160

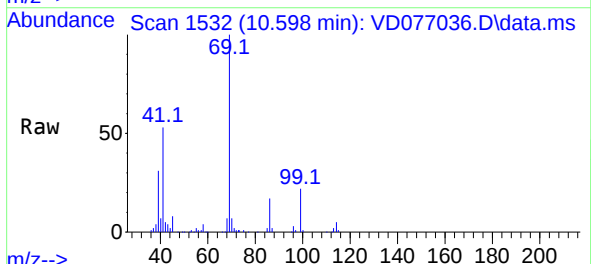
Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.8	98.6
85	57.2	45.7	68.5
99	62.6	46.2	69.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

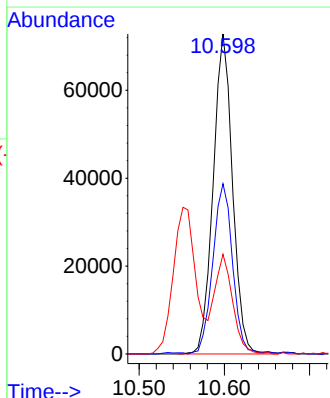
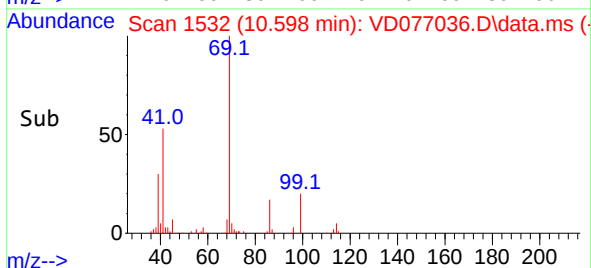


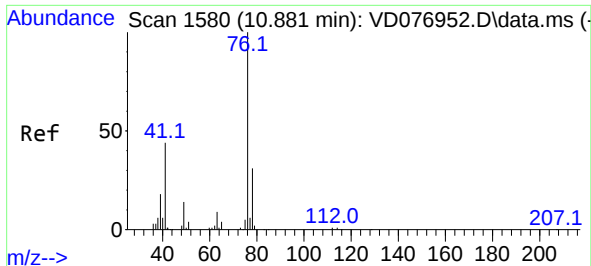
#56
Ethyl methacrylate
Concen: 56.205 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion: 69 Resp: 115131

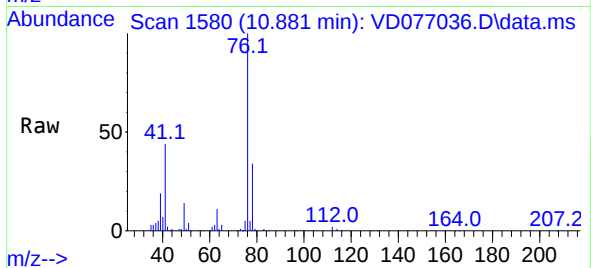
Ion	Ratio	Lower	Upper
69	100		
41	54.5	39.1	58.7
39	28.6	20.0	30.0





#57
1,3-Dichloropropane
Concen: 53.330 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

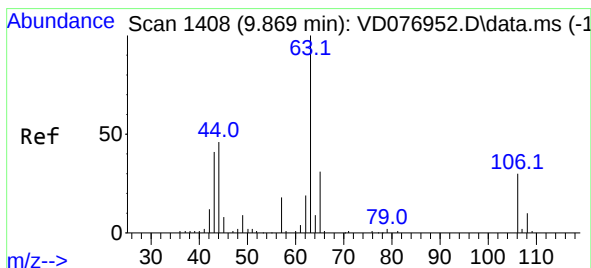
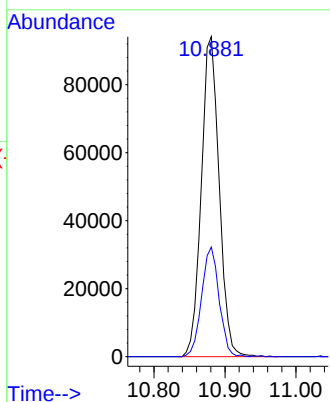
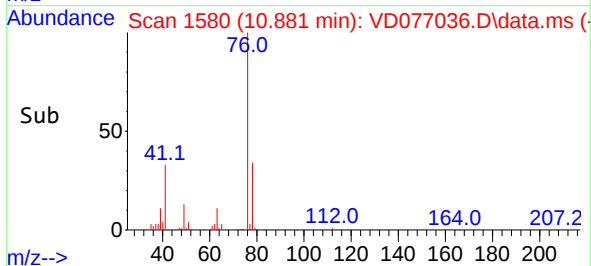
Instrument : MSVOA_D
ClientSampleId : VSTDICCC050



Tgt Ion: 76 Resp: 164629
Ion Ratio Lower Upper
76 100
78 33.5 26.4 39.6

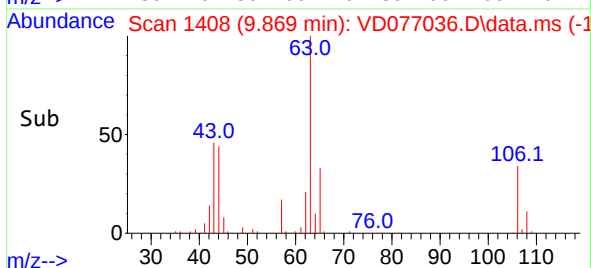
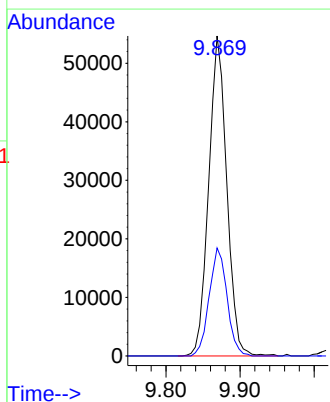
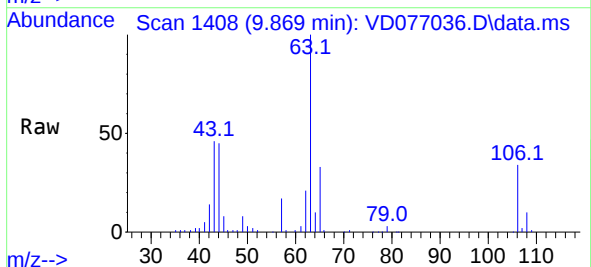
Manual Integrations
APPROVED

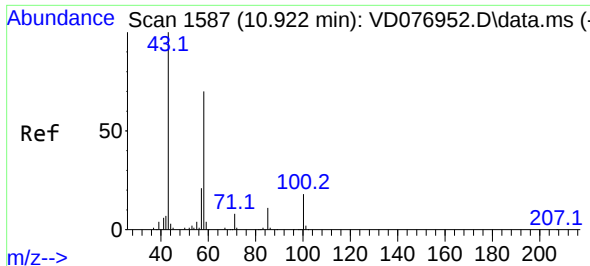
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#58
2-Chloroethyl Vinyl ether
Concen: 241.624 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

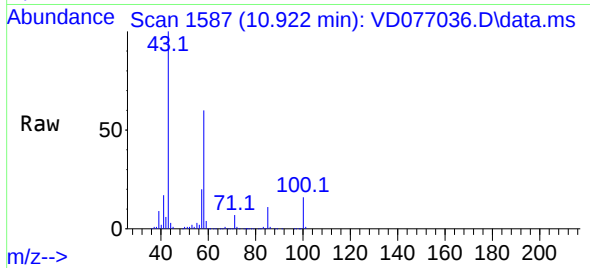
Tgt Ion: 63 Resp: 92593
Ion Ratio Lower Upper
63 100
106 33.3 25.3 37.9





#59
2-Hexanone
Concen: 284.129 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

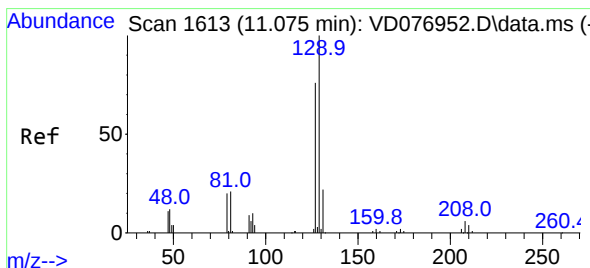
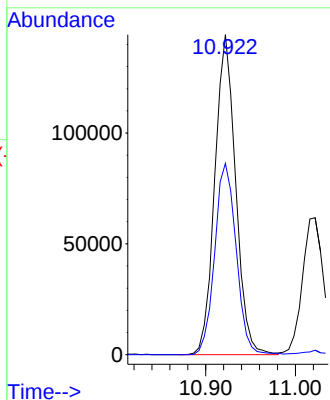
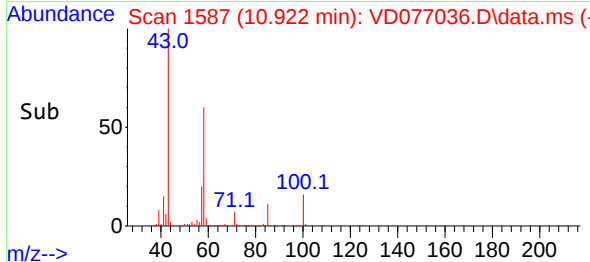
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



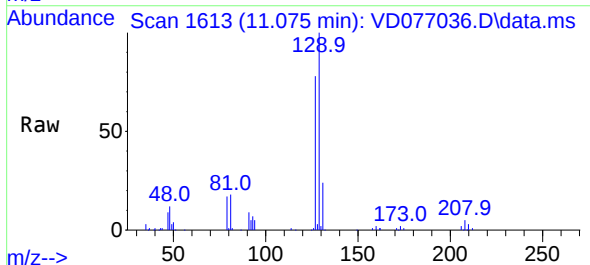
Tgt Ion: 43 Resp: 232594
Ion Ratio Lower Upper
43 100
58 61.6 34.1 102.2

Manual Integrations
APPROVED

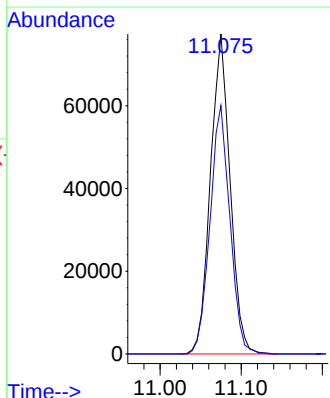
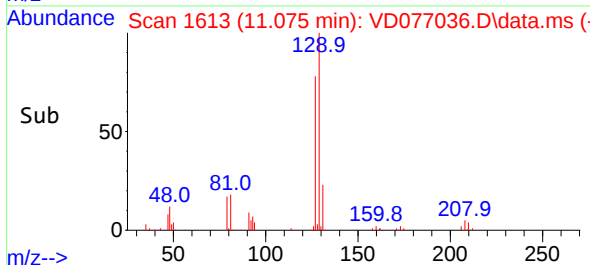
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

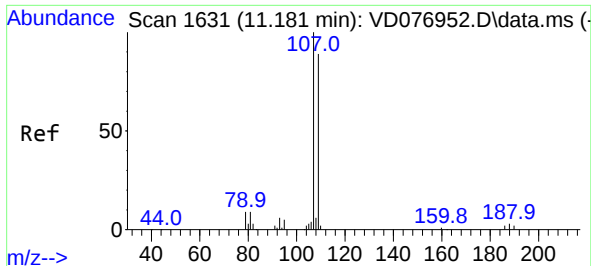


#60
Dibromochloromethane
Concen: 54.122 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion:129 Resp: 130116
Ion Ratio Lower Upper
129 100
127 78.6 37.1 111.5





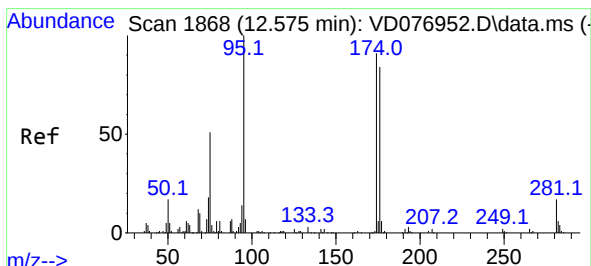
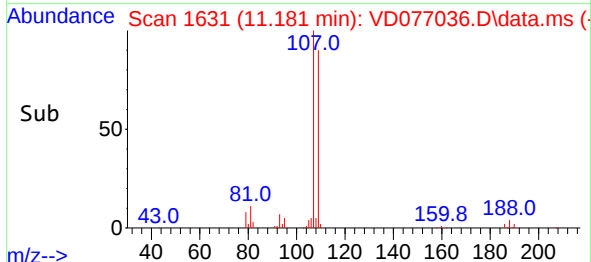
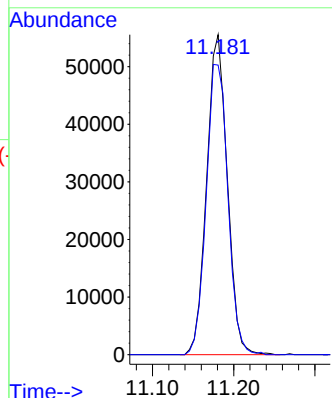
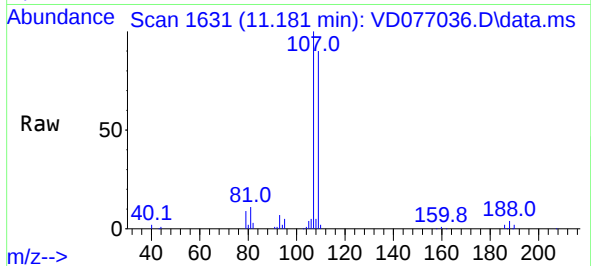
#61
1,2-Dibromoethane
Concen: 52.703 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 9799
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4

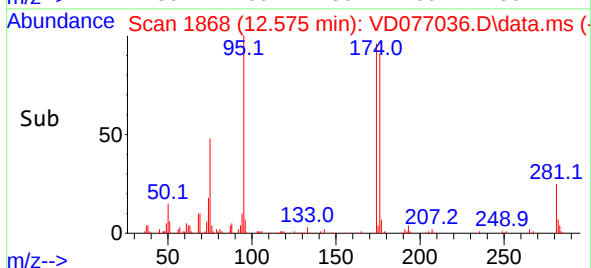
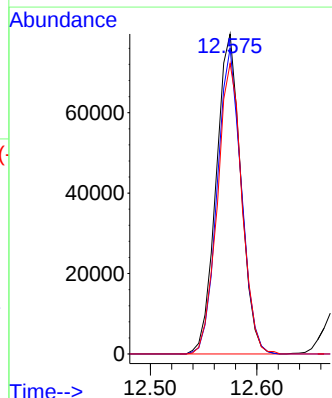
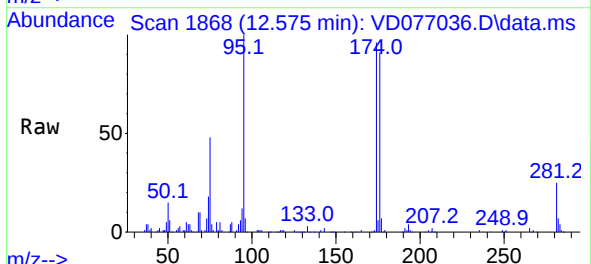
Manual Integrations
APPROVED

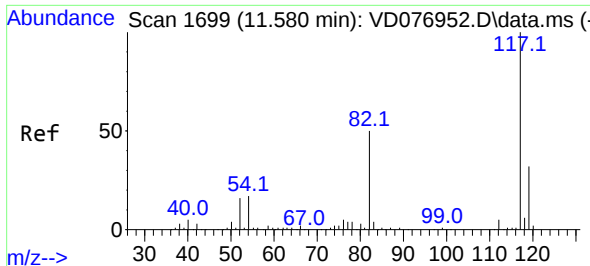
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#62
4-Bromofluorobenzene
Concen: 52.740 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

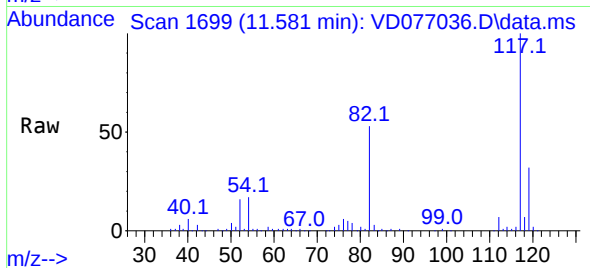
Tgt Ion: 95 Resp: 127754
Ion Ratio Lower Upper
95 100
174 93.1 0.0 201.8
176 90.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

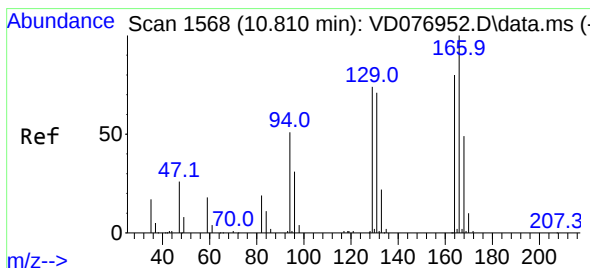
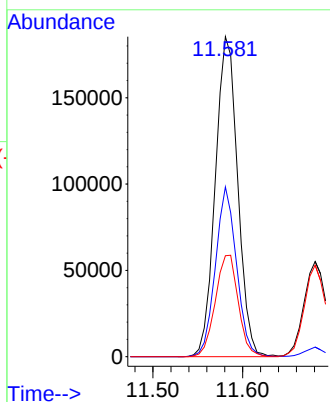
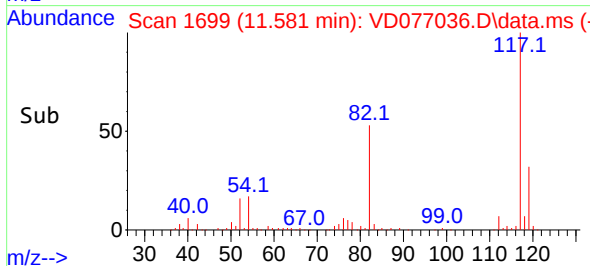
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



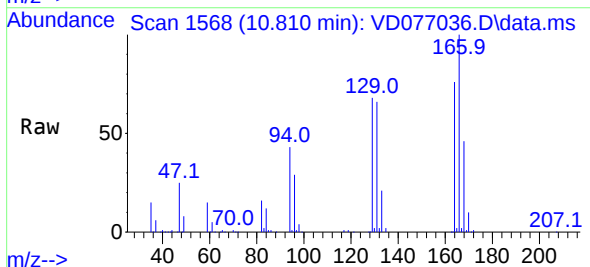
Tgt Ion:117 Resp: 321174
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 31.6 25.0 37.4

Manual Integrations
APPROVED

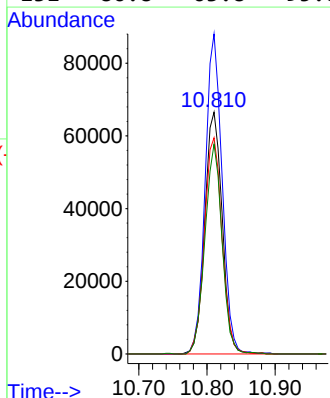
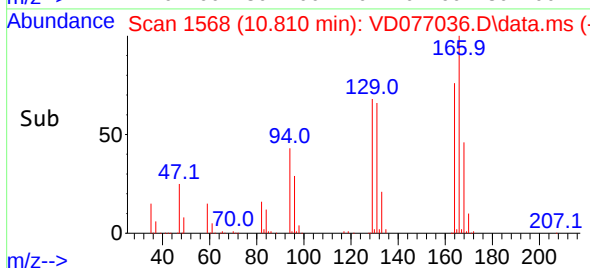
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

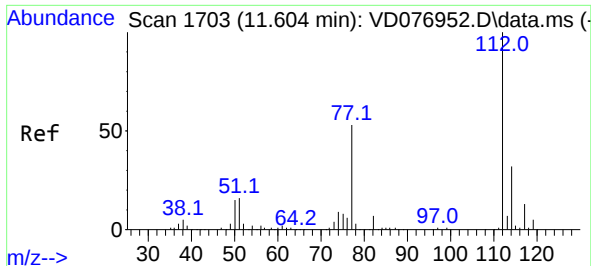


#64
Tetrachloroethene
Concen: 51.215 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



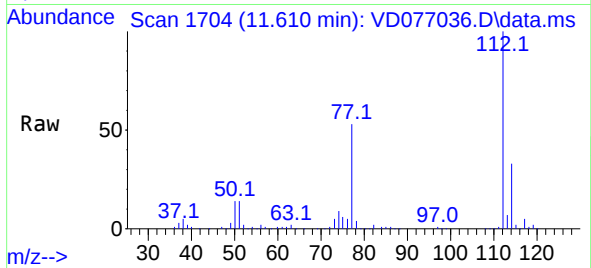
Tgt Ion:164 Resp: 118458
Ion Ratio Lower Upper
164 100
166 132.3 99.2 148.8
129 89.4 68.4 102.6
131 86.8 63.8 95.8





#65
Chlorobenzene
Concen: 52.496 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

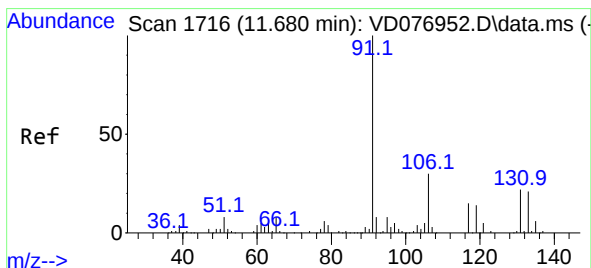
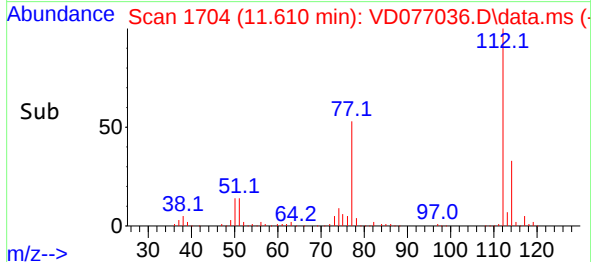
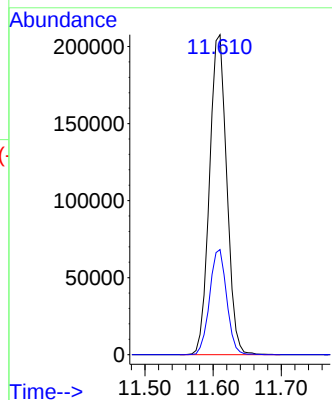
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 365580
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7

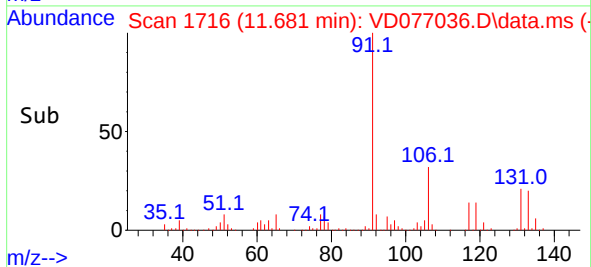
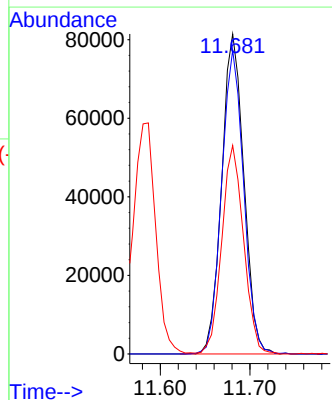
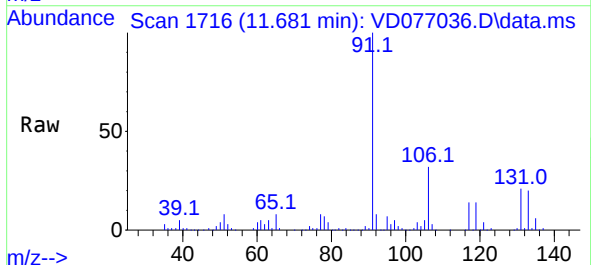
Manual Integrations
APPROVED

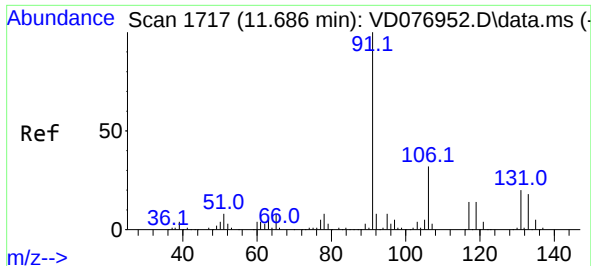
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.516 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Tgt Ion:131 Resp: 139278
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 64.4 35.6 106.9





#67

Ethyl Benzene

Concen: 54.273 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.001 min

Lab File: VD077036.D

Acq: 28 Aug 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 64864

Ion Ratio Lower Upper

91 100

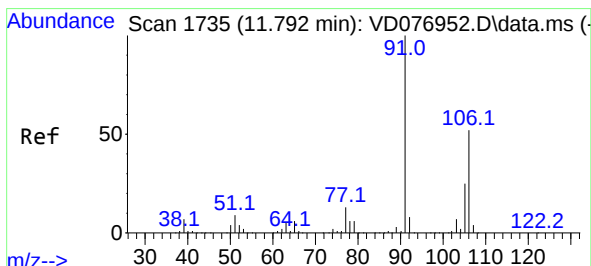
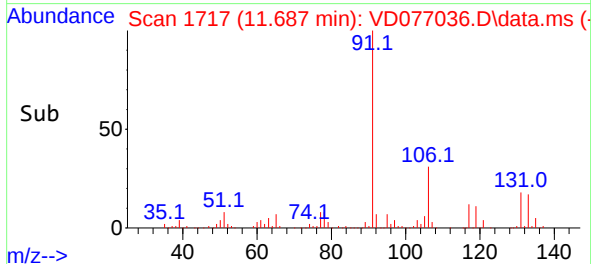
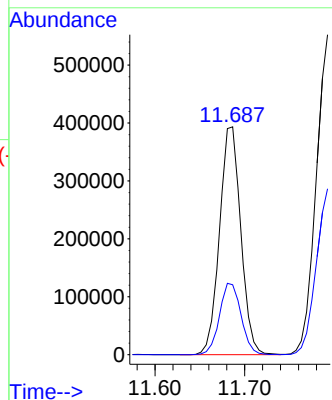
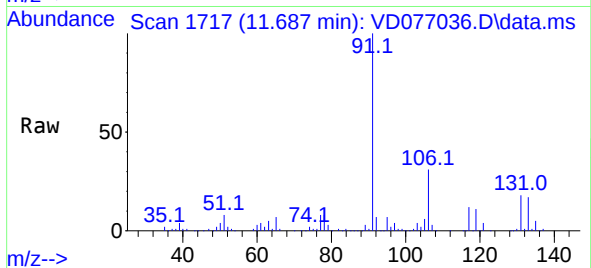
106 30.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023

Supervised By :Mahesh Dadoda 08/29/2023



#68

m/p-Xylenes

Concen: 109.949 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077036.D

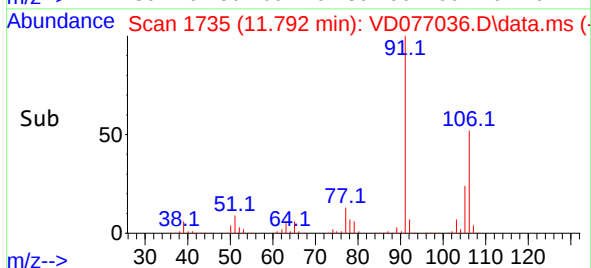
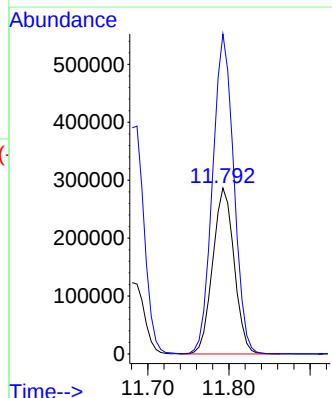
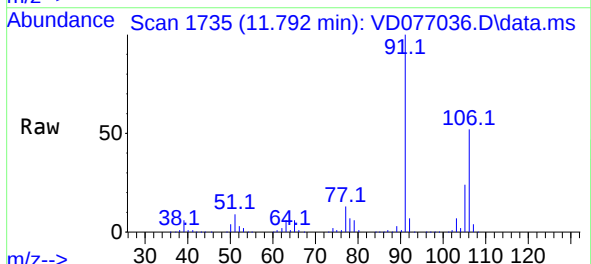
Acq: 28 Aug 2023 11:25

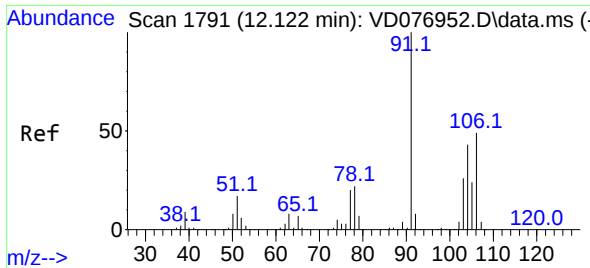
Tgt Ion:106 Resp: 526061

Ion Ratio Lower Upper

106 100

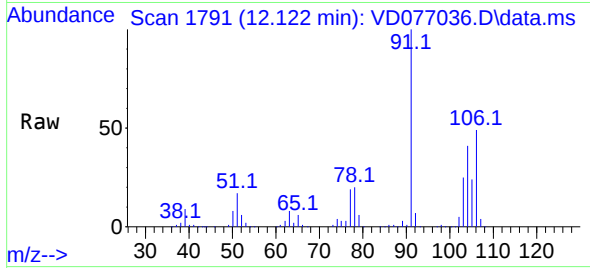
91 190.6 147.0 220.6





#69
o-Xylene
Concen: 55.089 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

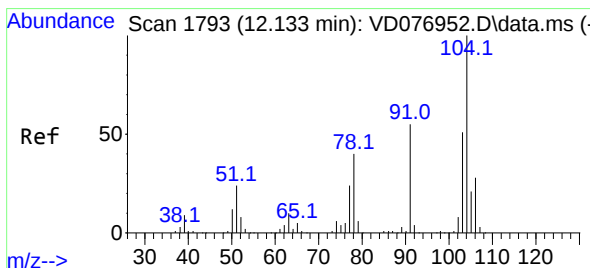
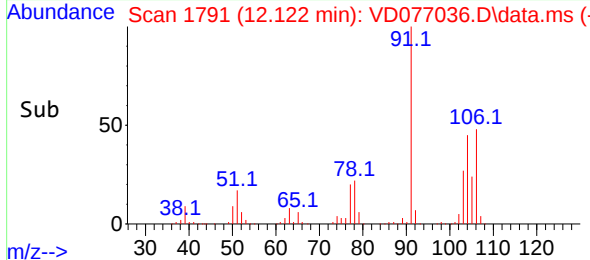
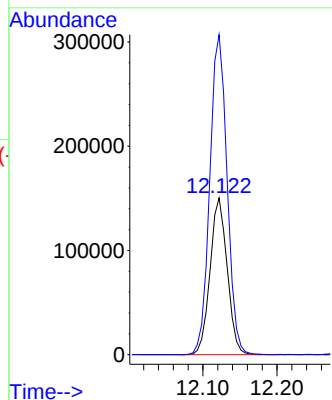
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 240928
Ion Ratio Lower Upper
106 100
91 206.5 97.9 293.6

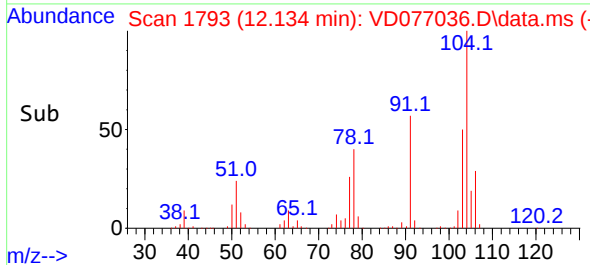
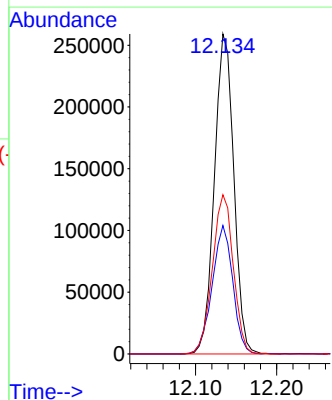
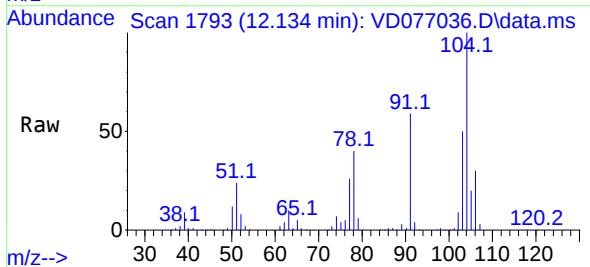
Manual Integrations
APPROVED

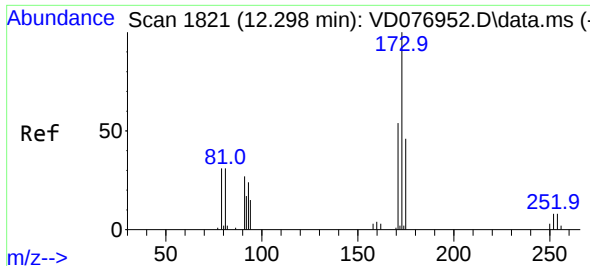
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#70
Styrene
Concen: 56.770 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

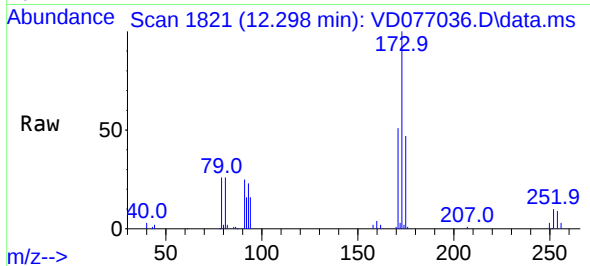
Tgt Ion:104 Resp: 431305
Ion Ratio Lower Upper
104 100
78 42.7 33.2 49.8
103 53.6 43.6 65.4





#71
Bromoform
Concen: 54.338 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

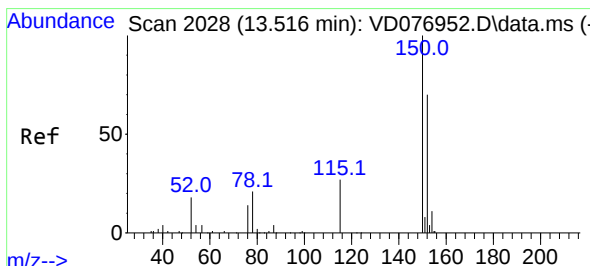
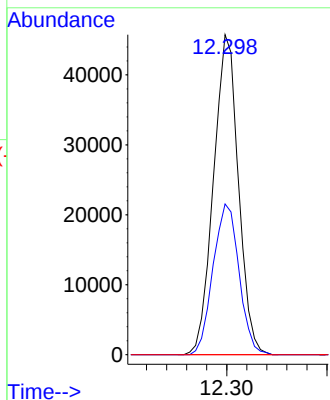
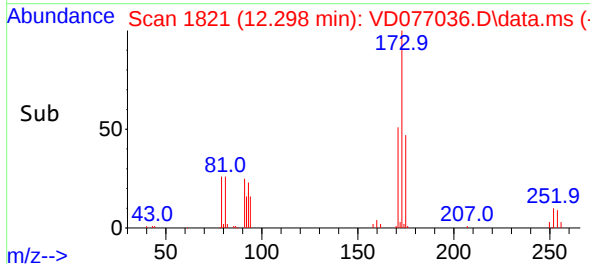
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



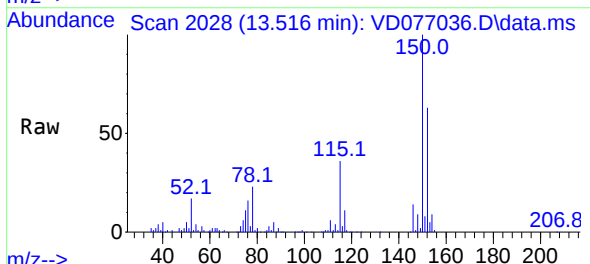
Tgt Ion:173 Resp: 7874
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

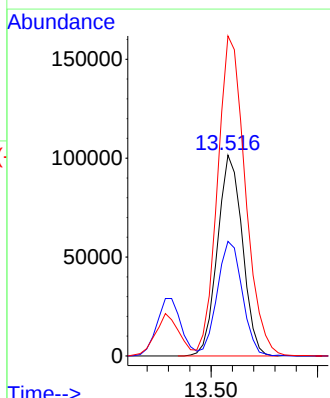
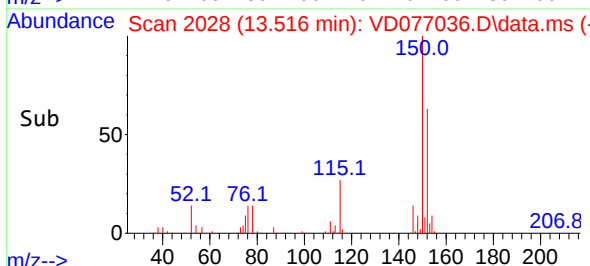
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

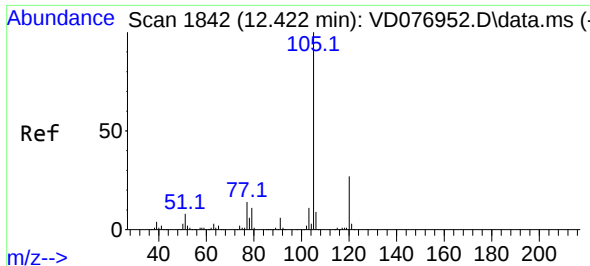


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



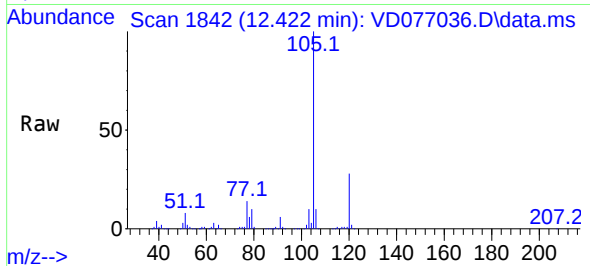
Tgt Ion:152 Resp: 165116
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 176.9 0.0 353.6





#73
Isopropylbenzene
Concen: 53.077 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

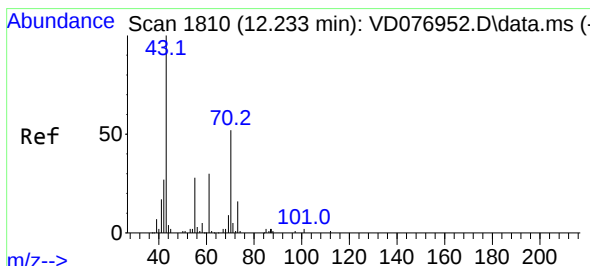
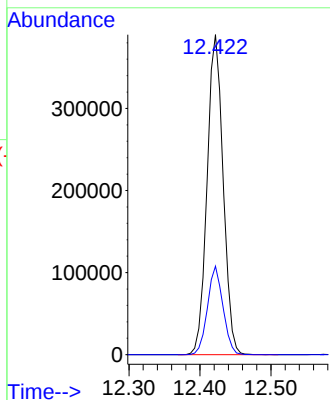
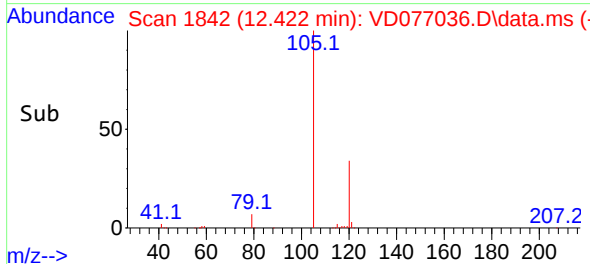
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



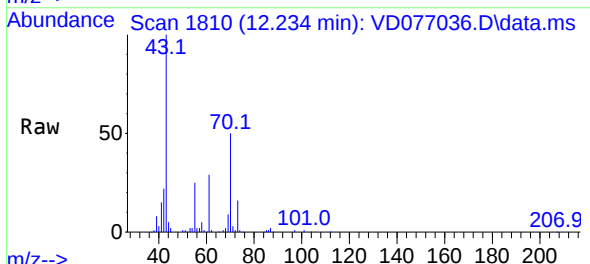
Tgt Ion:105 Resp: 611584
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9

Manual Integrations
APPROVED

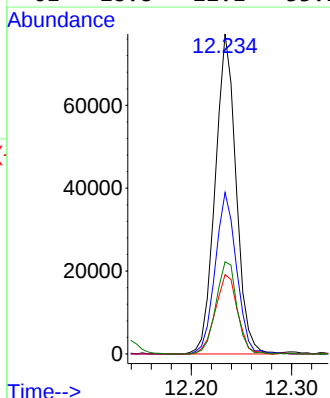
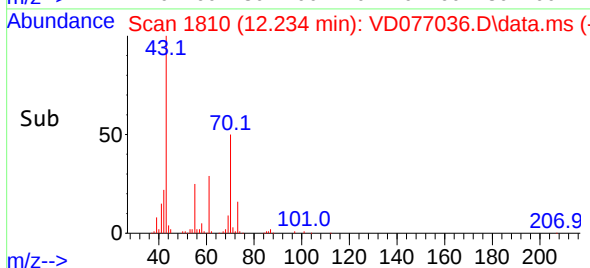
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

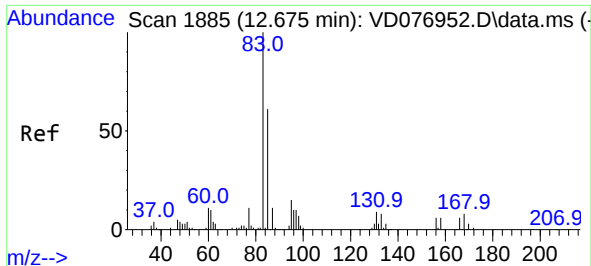


#74
N-ethyl acetate
Concen: 54.928 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



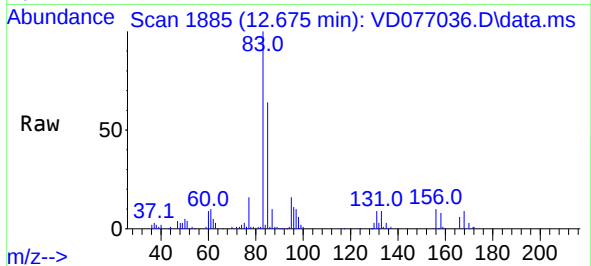
Tgt Ion: 43 Resp: 111469
Ion Ratio Lower Upper
43 100
70 51.6 45.0 67.4
55 26.5 23.8 35.6
61 28.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 51.385 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

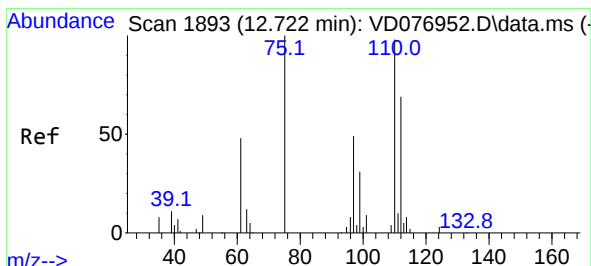
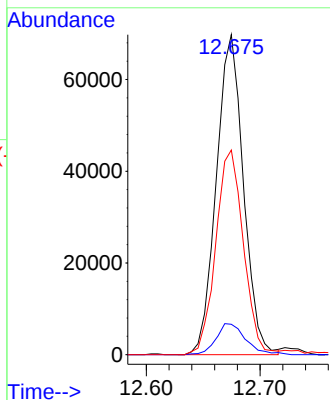
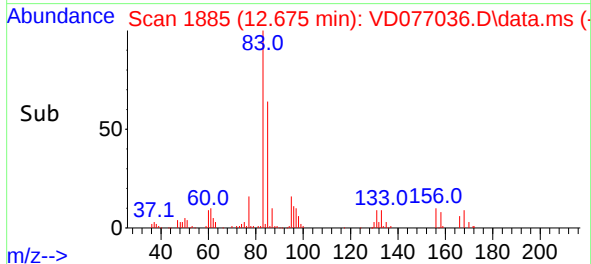
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



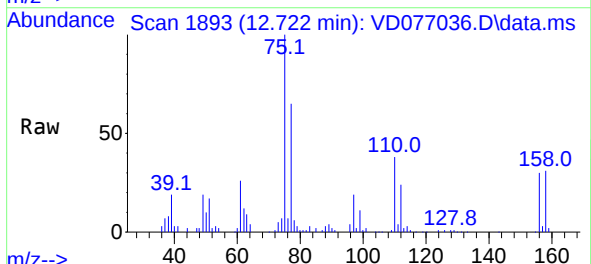
Tgt Ion: 83 Resp: 11575
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.1 32.6 97.8

Manual Integrations
APPROVED

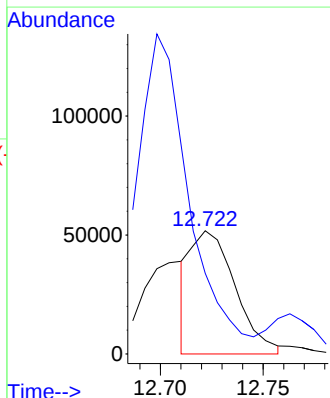
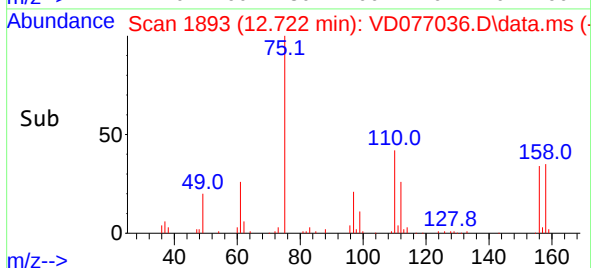
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

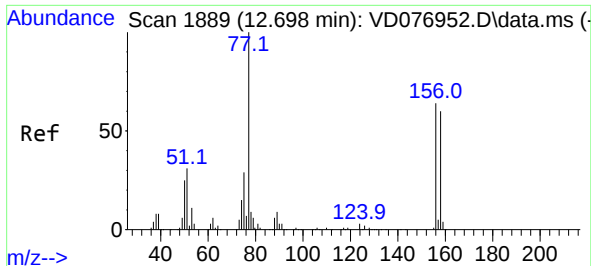


#76
1,2,3-Trichloropropane
Concen: 50.466 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion: 75 Resp: 77841
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





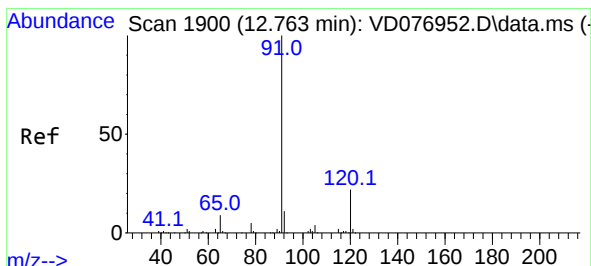
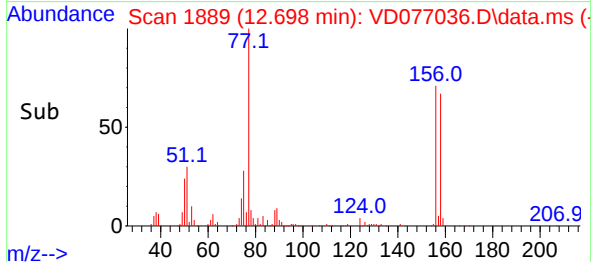
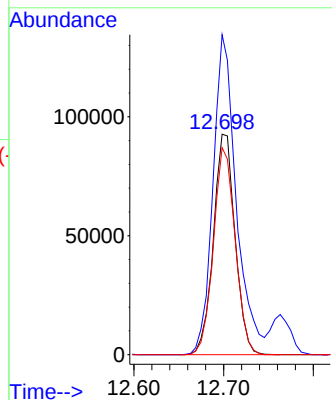
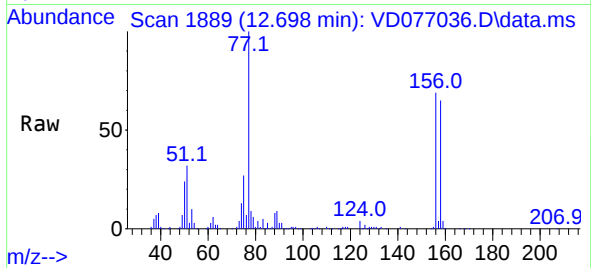
#77
Bromobenzene
Concen: 53.508 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 15546
Ion Ratio Lower Upper
156 100
77 155.7 76.8 230.4
158 94.0 48.6 145.9

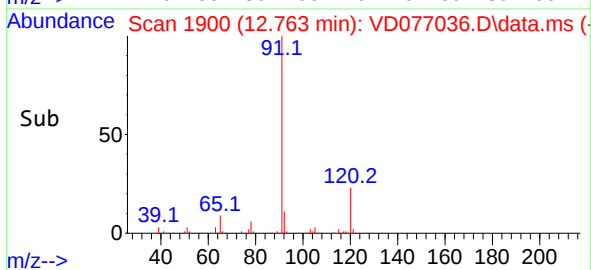
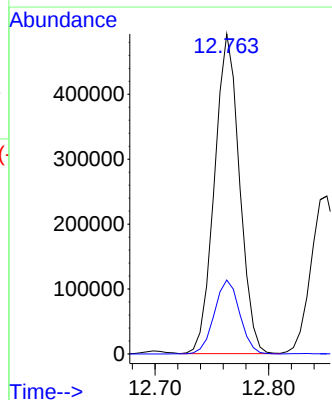
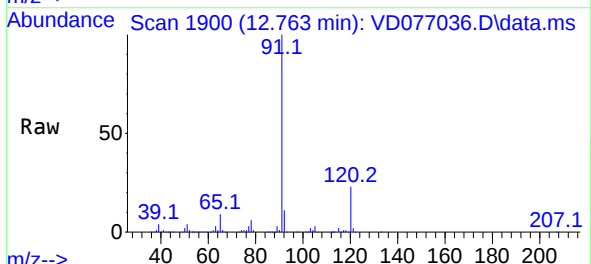
Manual Integrations
APPROVED

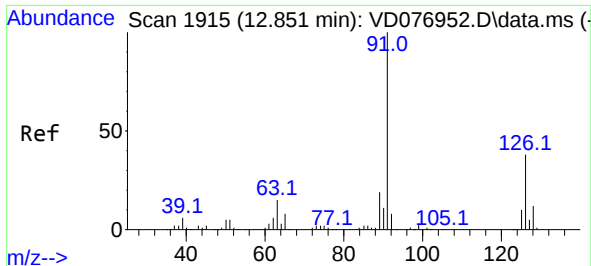
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#78
n-propylbenzene
Concen: 53.539 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Tgt Ion: 91 Resp: 753916
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2





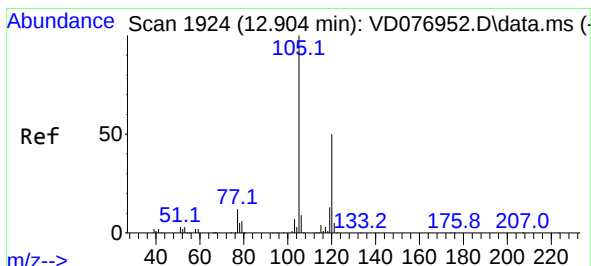
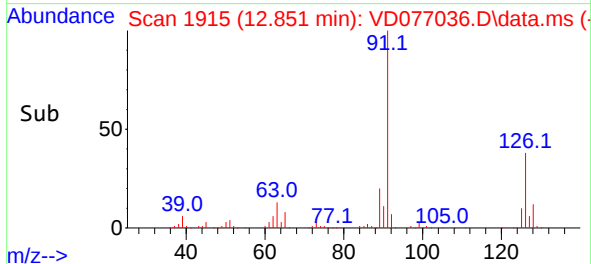
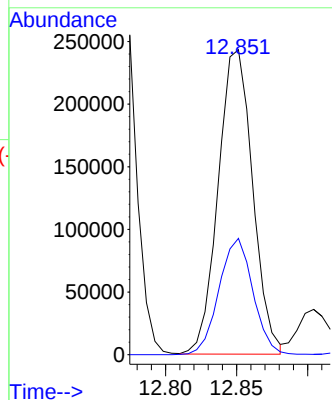
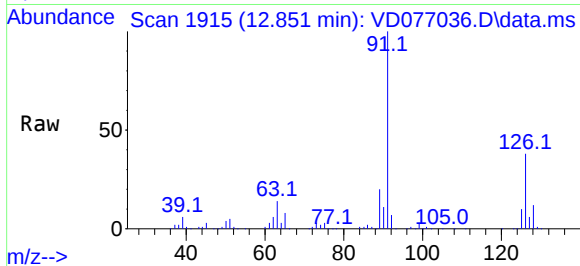
#79
2-Chlorotoluene
Concen: 53.360 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 41080
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1

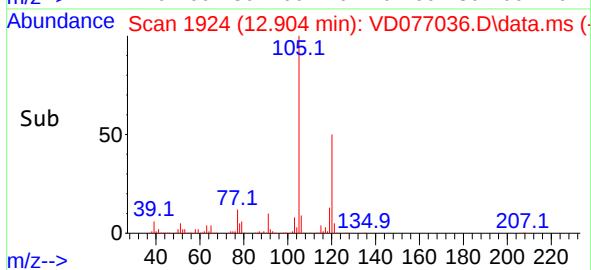
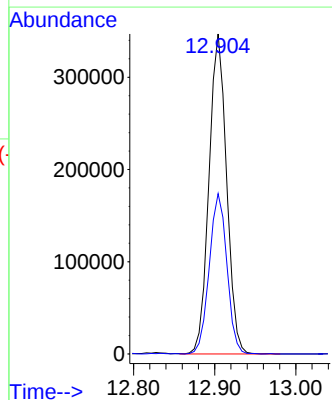
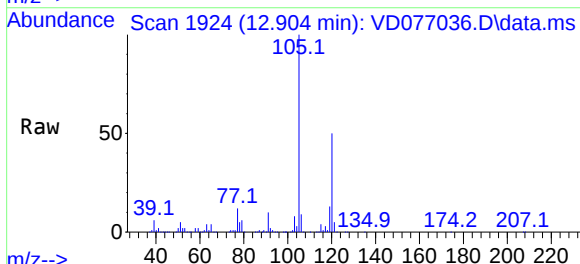
Manual Integrations
APPROVED

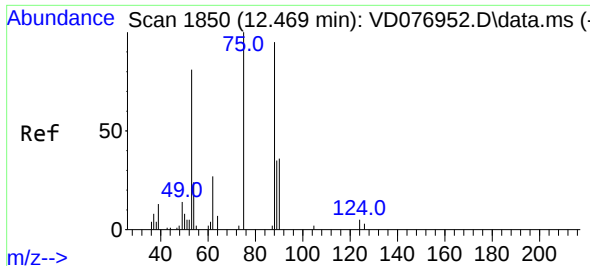
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.275 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Tgt Ion:105 Resp: 522131
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2





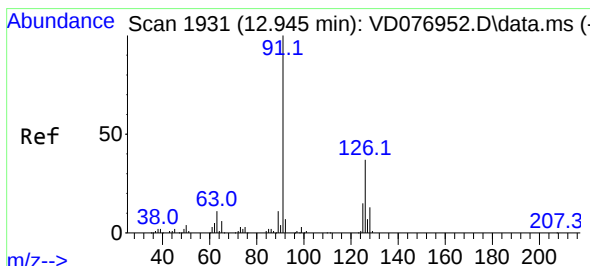
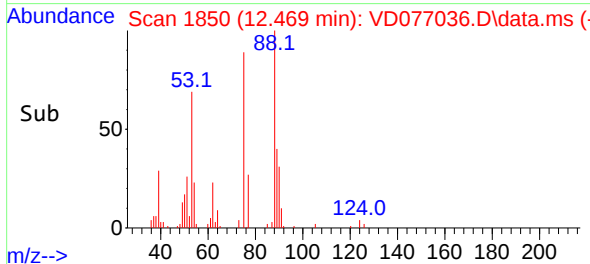
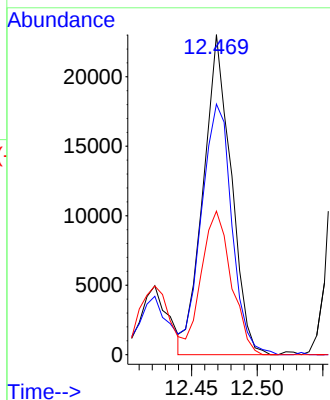
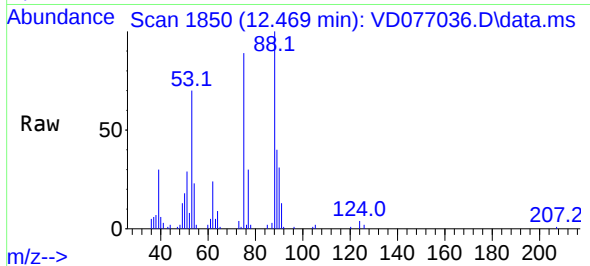
#81
trans-1,4-Dichloro-2-butene
Concen: 49.480 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 33940
Ion Ratio Lower Upper
75 100
53 85.9 63.0 94.4
89 47.7 37.9 56.9

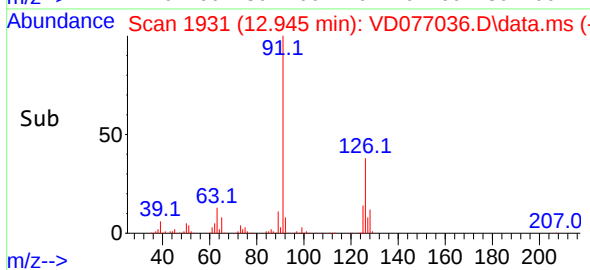
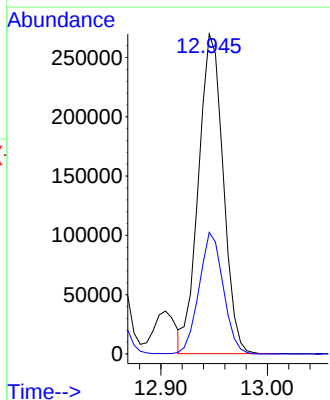
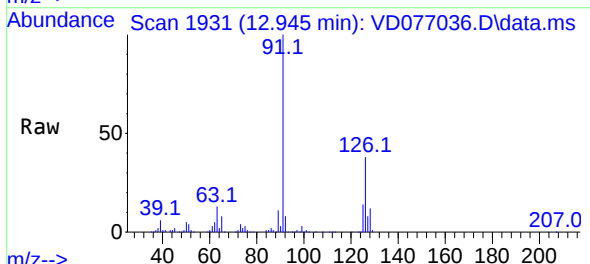
Manual Integrations
APPROVED

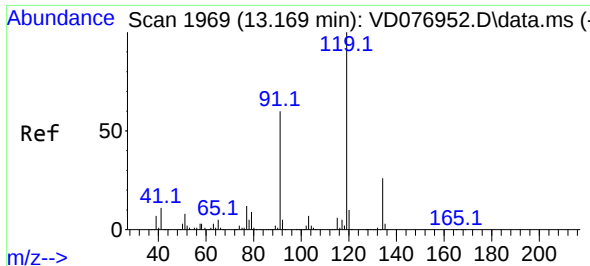
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#82
4-Chlorotoluene
Concen: 53.382 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Tgt Ion: 91 Resp: 434720
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4





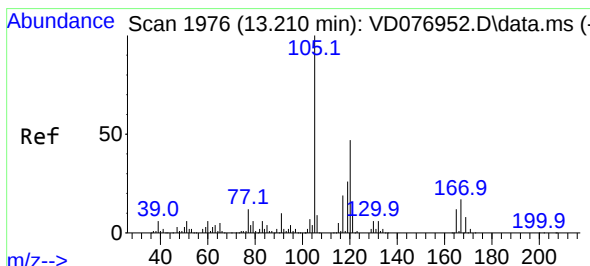
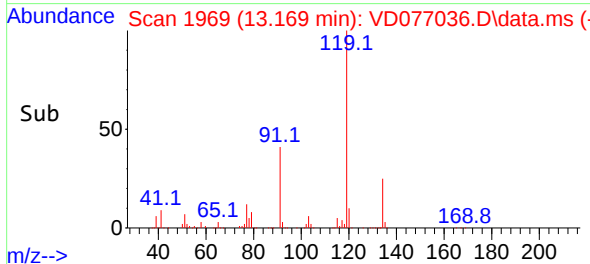
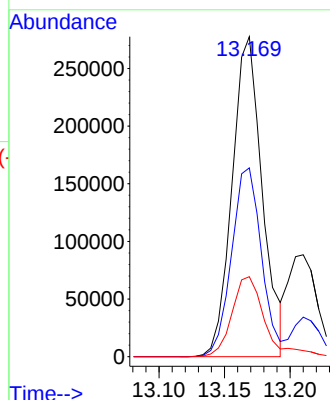
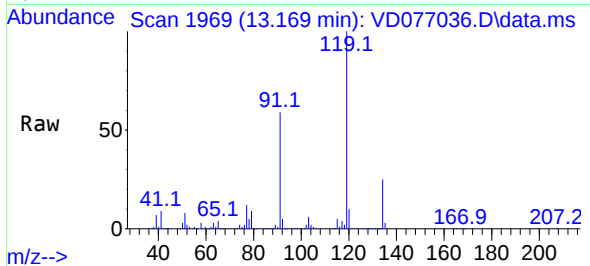
#83
tert-Butylbenzene
Concen: 53.499 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 444983
Ion Ratio Lower Upper
119 100
91 58.5 29.3 87.8
134 27.2 14.1 42.3

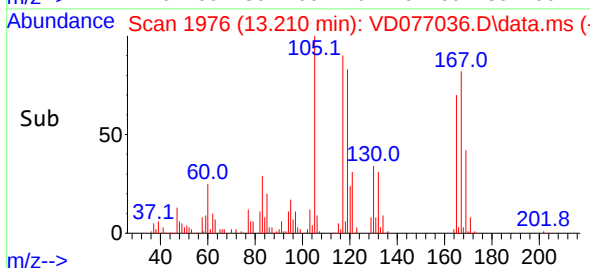
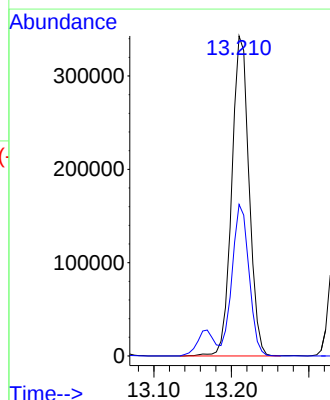
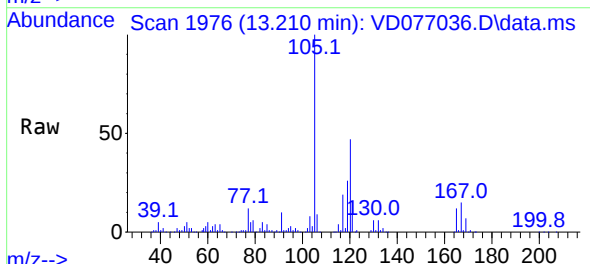
Manual Integrations
APPROVED

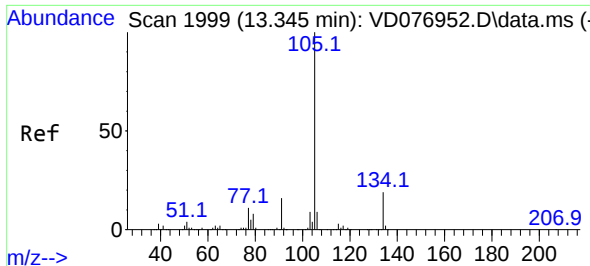
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#84
1,2,4-Trimethylbenzene
Concen: 55.181 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

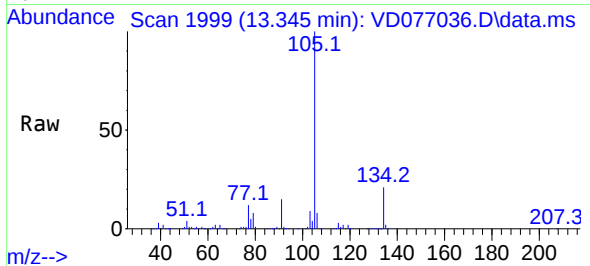
Tgt Ion:105 Resp: 532406
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 52.660 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077036.D
 Acq: 28 Aug 2023 11:25

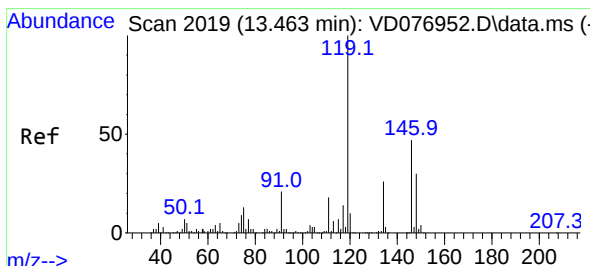
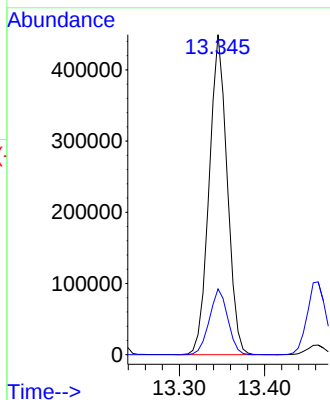
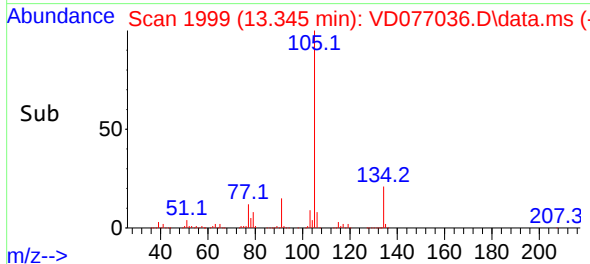
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



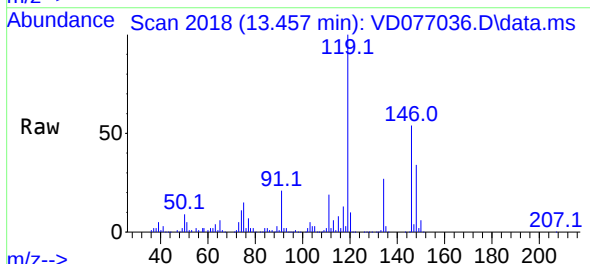
Tgt Ion:105 Resp: 661340
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.9 32.9

Manual Integrations
 APPROVED

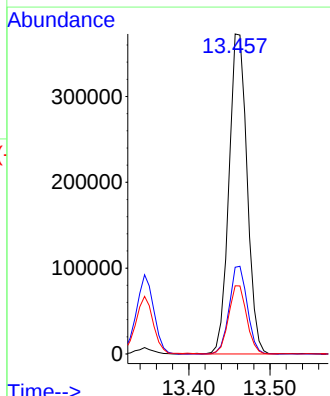
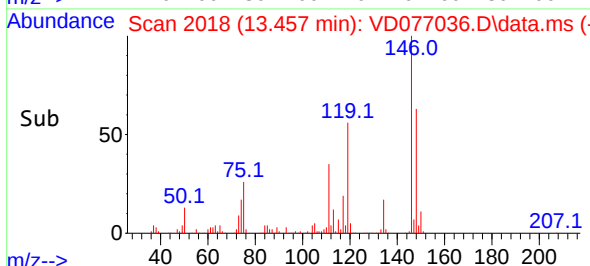
Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

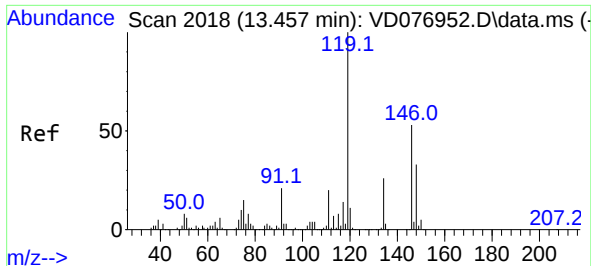


#86
 p-Isopropyltoluene
 Concen: 53.961 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077036.D
 Acq: 28 Aug 2023 11:25



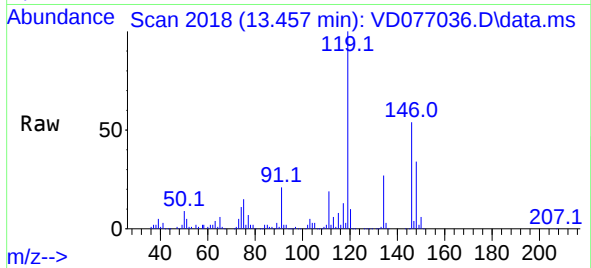
Tgt Ion:119 Resp: 577852
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 21.3 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 52.689 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

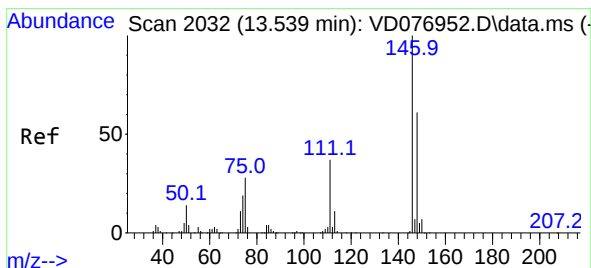
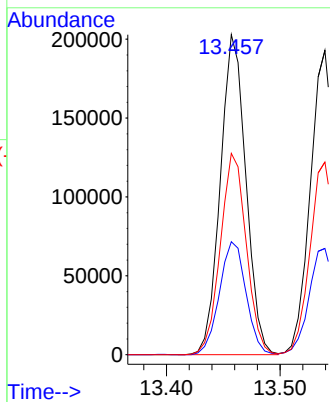
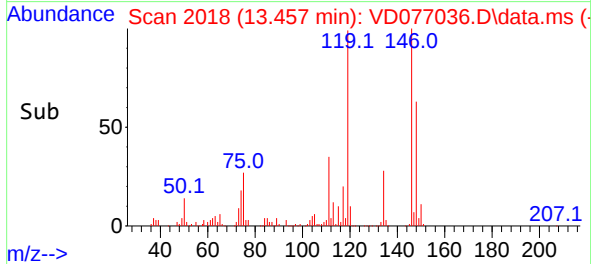
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



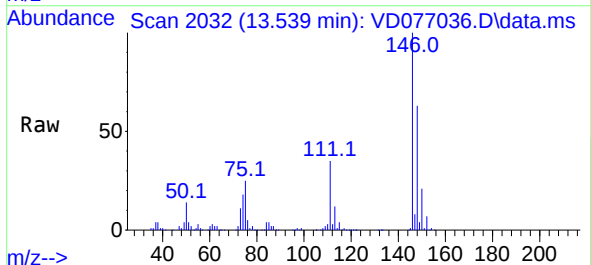
Tgt Ion:146 Resp: 31726
Ion Ratio Lower Upper
146 100
111 36.8 17.9 53.8
148 63.8 32.3 96.8

Manual Integrations
APPROVED

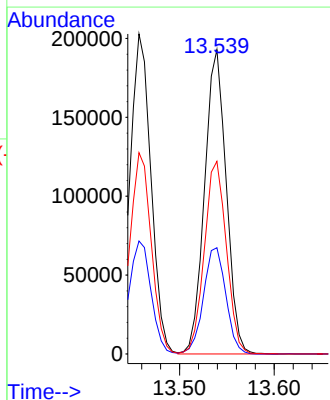
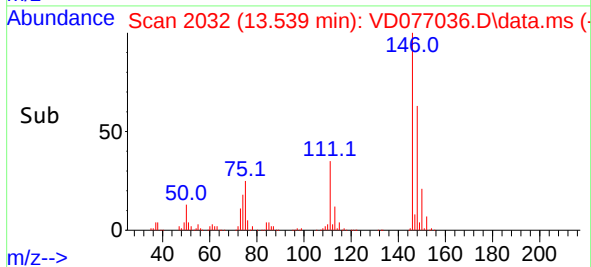
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

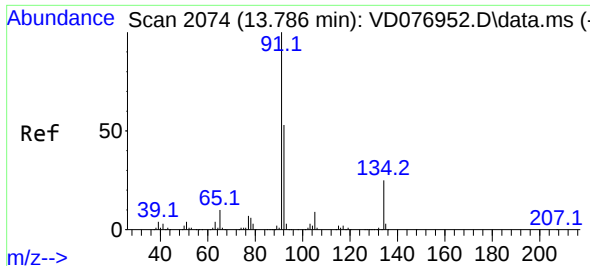


#88
1,4-Dichlorobenzene
Concen: 52.469 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



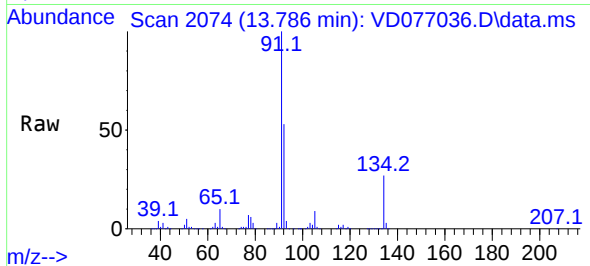
Tgt Ion:146 Resp: 306495
Ion Ratio Lower Upper
146 100
111 36.0 17.4 52.3
148 64.4 31.7 95.1





#89
n-Butylbenzene
Concen: 53.607 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

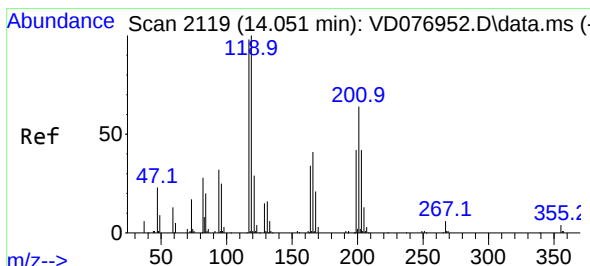
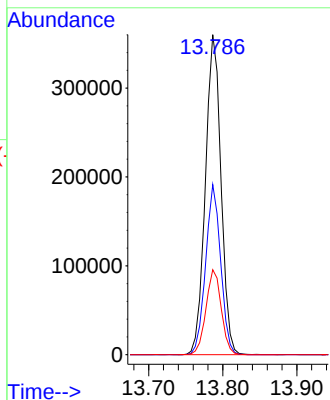
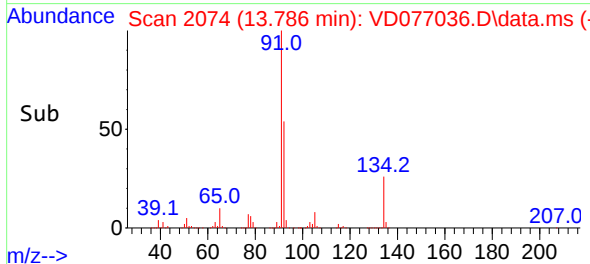
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 52724
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 26.1 13.8 41.3

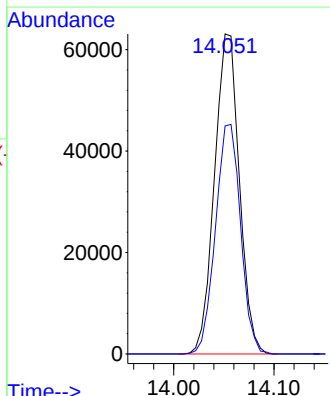
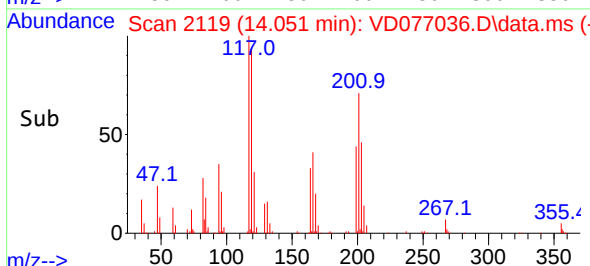
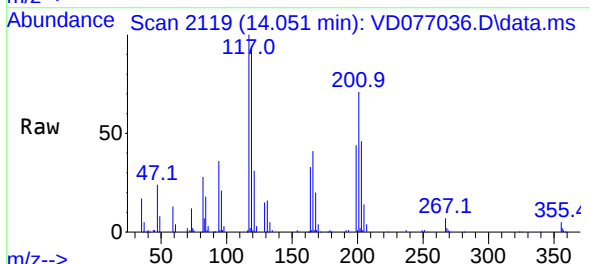
Manual Integrations
APPROVED

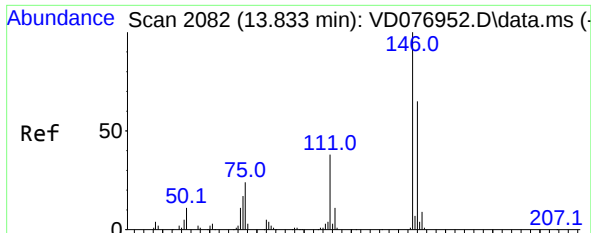
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#90
Hexachloroethane
Concen: 52.330 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

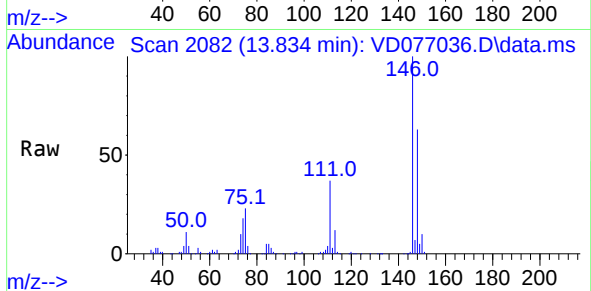
Tgt Ion:117 Resp: 108665
Ion Ratio Lower Upper
117 100
201 72.4 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 52.705 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

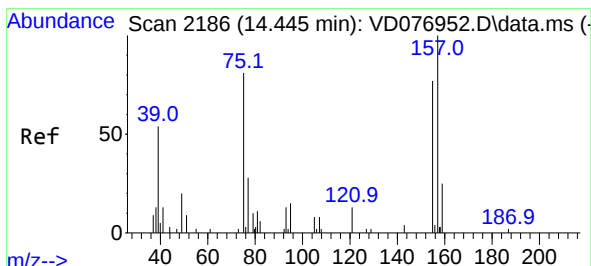
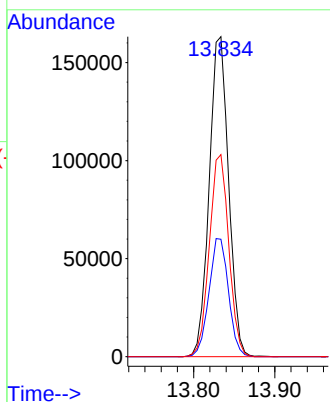
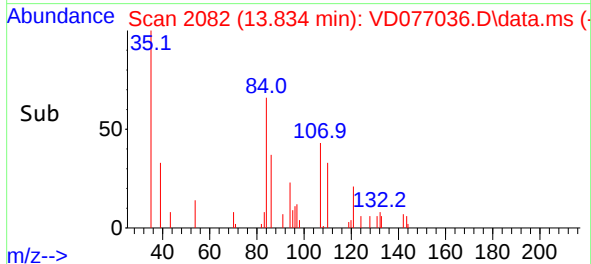
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



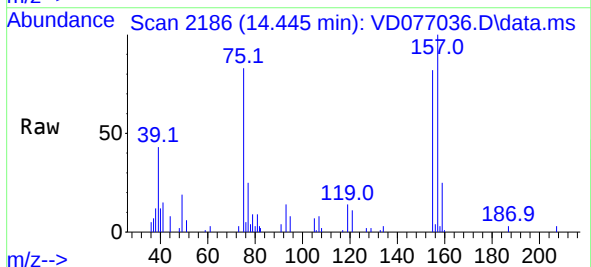
Tgt Ion:146 Resp: 270469
Ion Ratio Lower Upper
146 100
111 37.2 18.3 54.8
148 63.5 31.6 94.7

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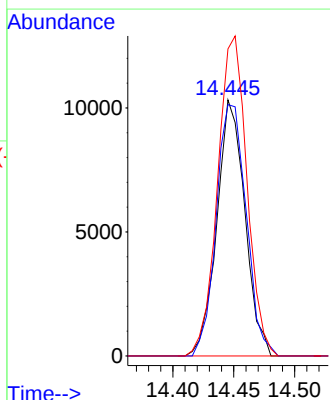
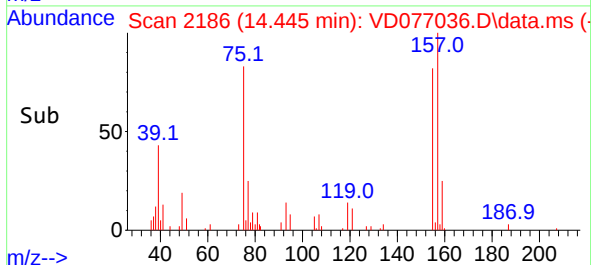
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

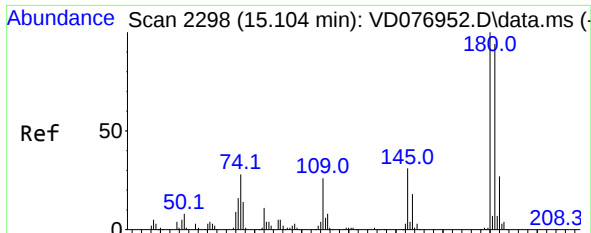


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.619 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



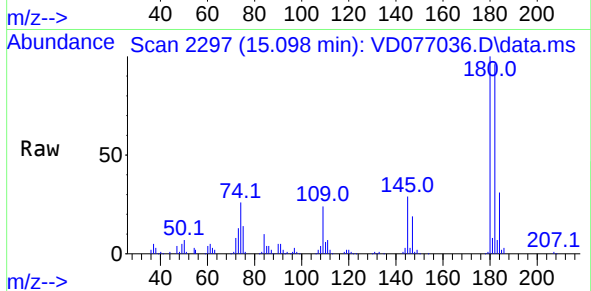
Tgt Ion: 75 Resp: 16507
Ion Ratio Lower Upper
75 100
155 105.2 47.9 143.8
157 131.0 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 54.115 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

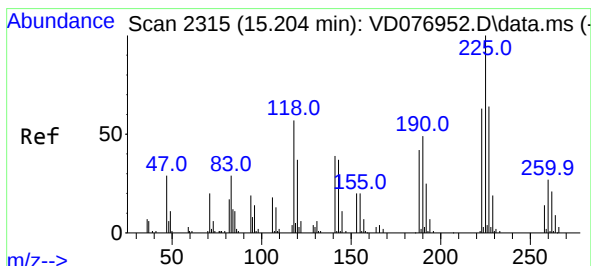
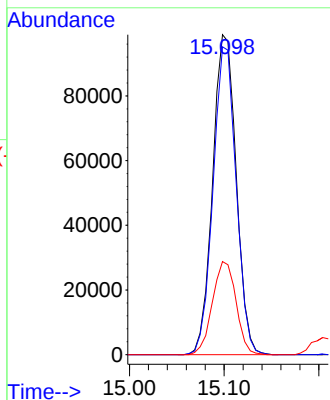
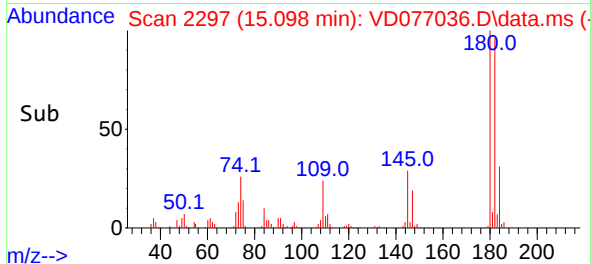
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 17078
Ion Ratio Lower Upper
180 100
182 94.4 48.5 145.6
145 29.2 14.2 42.6

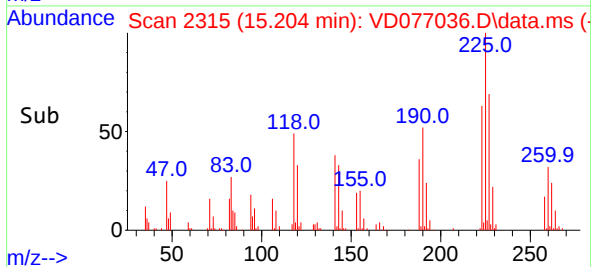
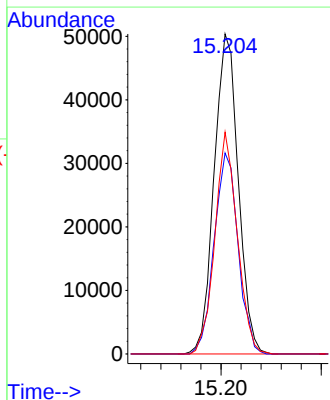
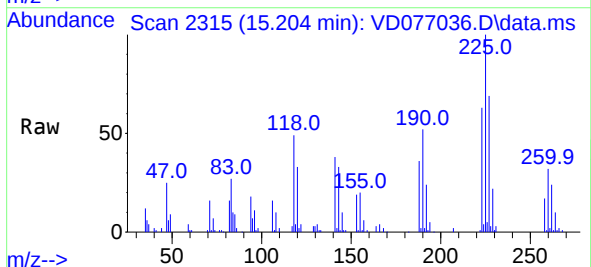
Manual Integrations
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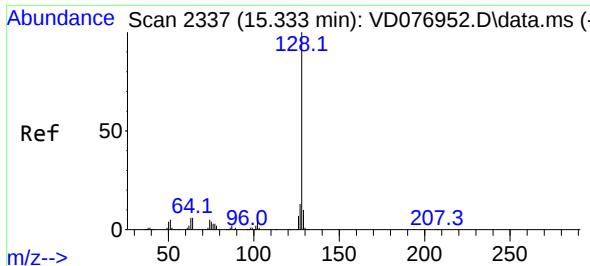
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#94
Hexachlorobutadiene
Concen: 50.717 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

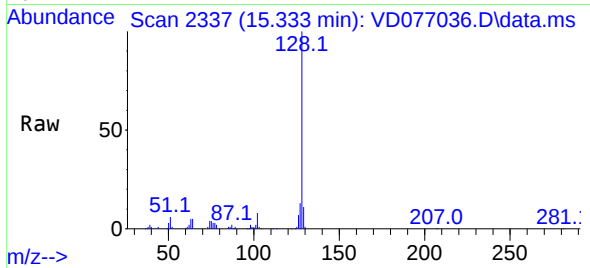
Tgt Ion:225 Resp: 83922
Ion Ratio Lower Upper
225 100
223 62.3 31.6 94.8
227 64.4 31.7 95.1





#95
Naphthalene
Concen: 55.468 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25

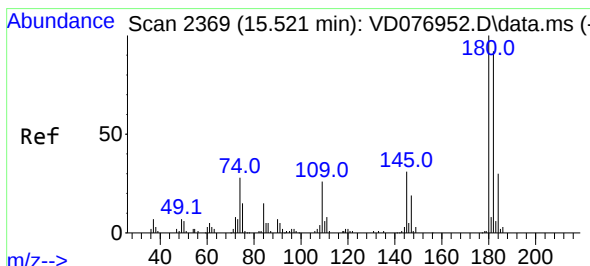
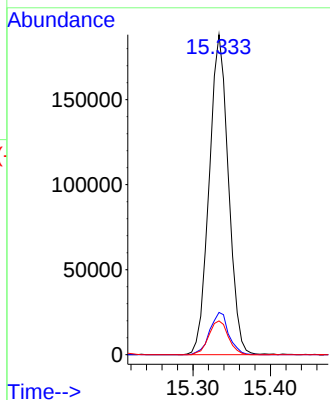
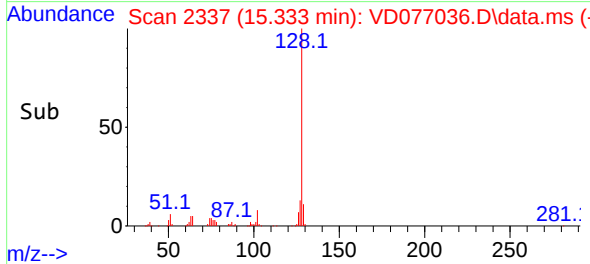
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



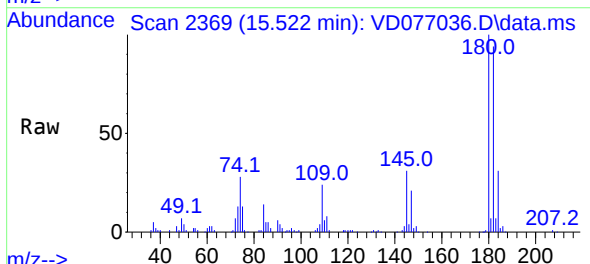
Tgt Ion:128 Resp: 32469
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.750 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.001 min
Lab File: VD077036.D
Acq: 28 Aug 2023 11:25



Tgt Ion:180 Resp: 151959
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 31.3 15.1 45.3

