

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077141.D
 Acq On : 18 Sep 2023 20:31
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 05:00:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	351033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	601360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	561296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	276119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	175072	49.418	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.840%		
35) Dibromofluoromethane	7.805	113	201948	48.348	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.700%		
50) Toluene-d8	10.269	98	744652	50.085	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.575	95	234147	50.811	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	171769	47.350	ug/l	97
3) Chloromethane	2.146	50	254469	37.948	ug/l	100
4) Vinyl Chloride	2.281	62	311261	43.392	ug/l	98
5) Bromomethane	2.687	94	254138	48.645	ug/l	100
6) Chloroethane	2.828	64	227417	50.951	ug/l	98
7) Trichlorofluoromethane	3.170	101	382999	59.073	ug/l	99
8) Diethyl Ether	3.587	74	114067	54.511	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	203927	50.308	ug/l	98
10) Methyl Iodide	4.158	142	327052	56.449	ug/l	92
11) Tert butyl alcohol	5.052	59	56687	280.647	ug/l	95
12) 1,1-Dichloroethene	3.940	96	211686	51.839	ug/l	93
13) Acrolein	3.793	56	32764	245.210	ug/l	97
14) Allyl chloride	4.558	41	269538	54.101	ug/l	93
15) Acrylonitrile	5.258	53	237160	270.279	ug/l	99
16) Acetone	4.022	43	202425	250.004	ug/l	88
17) Carbon Disulfide	4.264	76	661475	49.206	ug/l	100
18) Methyl Acetate	4.558	43	163816	53.504	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	507054	57.384	ug/l	99
20) Methylene Chloride	4.799	84	293763	56.993	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	254539	51.565	ug/l	95
22) Diisopropyl ether	6.211	45	617319	54.803	ug/l	97
23) Vinyl Acetate	6.152	43	1227305m	272.535	ug/l	
24) 1,1-Dichloroethane	6.111	63	414576	51.279	ug/l	96
25) 2-Butanone	7.081	43	283476	266.118	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	338533	49.330	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	292253	52.666	ug/l	97
28) Bromochloromethane	7.422	49	115765	46.631	ug/l	89
29) Tetrahydrofuran	7.446	42	170881	274.411	ug/l	92
30) Chloroform	7.593	83	451456	51.813	ug/l	95
31) Cyclohexane	7.875	56	315861	50.963	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	379466	52.175	ug/l	97
36) 1,1-Dichloropropene	8.011	75	323752	51.466	ug/l	97
37) Ethyl Acetate	7.163	43	132605	54.944	ug/l	95
38) Carbon Tetrachloride	7.987	117	299469	48.436	ug/l	97
39) Methylcyclohexane	9.275	83	382415	52.835	ug/l	95
40) Benzene	8.246	78	993244	51.034	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	69718	54.121	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	248592	51.518	ug/l	98
43) Isopropyl Acetate	8.363	43	237948	53.548	ug/l #	82
44) Trichloroethene	9.028	130	276700	51.367	ug/l	92
45) 1,2-Dichloropropane	9.305	63	241904	51.173	ug/l	97
46) Dibromomethane	9.393	93	140541	51.162	ug/l	96
47) Bromodichloromethane	9.587	83	340281	51.261	ug/l	97
48) Methyl methacrylate	9.375	41	115019	56.963	ug/l #	83
49) 1,4-Dioxane	9.387	88	27459	1107.418	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	624027	268.516	ug/l	93
52) Toluene	10.334	92	643266	51.664	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	323331	52.136	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	388203	52.246	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	190595	51.013	ug/l	96
56) Ethyl methacrylate	10.599	69	231701	57.724	ug/l	90
57) 1,3-Dichloropropane	10.881	76	317103	52.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	478971	233.220	ug/l	100
59) 2-Hexanone	10.922	43	441797	264.953	ug/l	91
60) Dibromochloromethane	11.075	129	230672	50.407	ug/l	98
61) 1,2-Dibromoethane	11.181	107	183837	50.897	ug/l	98
64) Tetrachloroethene	10.810	164	240667	55.109	ug/l	95
65) Chlorobenzene	11.604	112	689384	52.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	246710	51.071	ug/l	96
67) Ethyl Benzene	11.681	91	1209295	53.282	ug/l	97
68) m/p-Xylenes	11.793	106	960533	105.701	ug/l	92
69) o-Xylene	12.122	106	447507	53.653	ug/l	91
70) Styrene	12.134	104	797225	56.103	ug/l	97
71) Bromoform	12.299	173	136711	51.055	ug/l #	100
73) Isopropylbenzene	12.422	105	1160298	56.870	ug/l	96
74) N-amyl acetate	12.234	43	224929	58.690	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	207328	53.848	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	108977m	49.478	ug/l	
77) Bromobenzene	12.698	156	292771	57.630	ug/l	96
78) n-propylbenzene	12.763	91	1394633	55.923	ug/l	97
79) 2-Chlorotoluene	12.851	91	764128	55.564	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	954251	56.003	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	65921	56.651	ug/l	98
82) 4-Chlorotoluene	12.946	91	797648	55.187	ug/l	94
83) tert-Butylbenzene	13.169	119	819371	56.286	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	958228	55.460	ug/l	94
85) sec-Butylbenzene	13.345	105	1212991	55.528	ug/l	96
86) p-Isopropyltoluene	13.463	119	1023512	55.231	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	540641	51.747	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	529131	51.475	ug/l	98
89) n-Butylbenzene	13.787	91	929728	54.385	ug/l	99
90) Hexachloroethane	14.057	117	180916	49.226	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	466810	52.112	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30719	59.752	ug/l	99
93) 1,2,4-Trichlorobenzene	15.104	180	304015	55.010	ug/l	97
94) Hexachlorobutadiene	15.204	225	150347	51.337	ug/l	99
95) Naphthalene	15.334	128	594699	58.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	266076	54.166	ug/l	99

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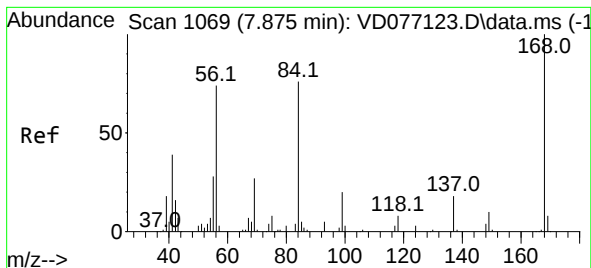
Manual Integrations
APPROVED

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 Supervised By :Mahesh Dadoda 09/19/2023

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 35103

Ion Ratio Lower Upper

168 100

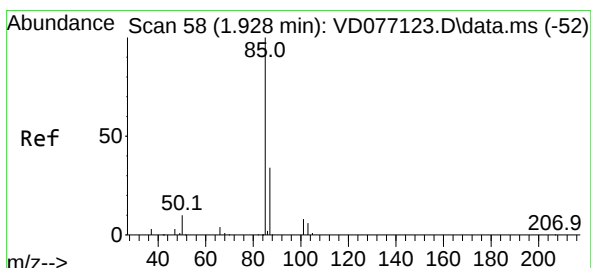
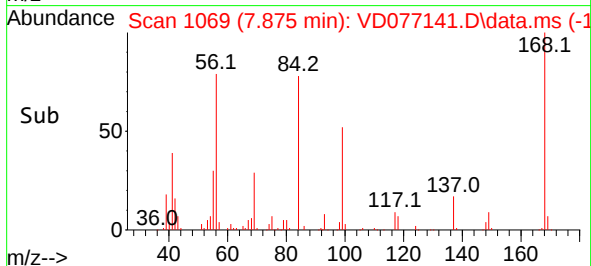
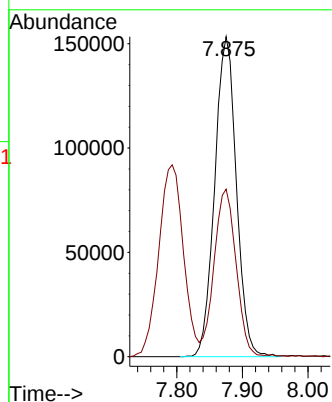
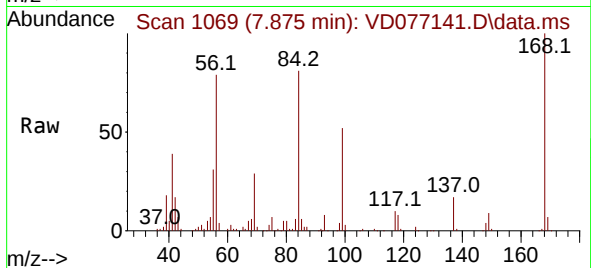
99 52.1 36.7 55.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#2

Dichlorodifluoromethane

Concen: 47.350 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077141.D

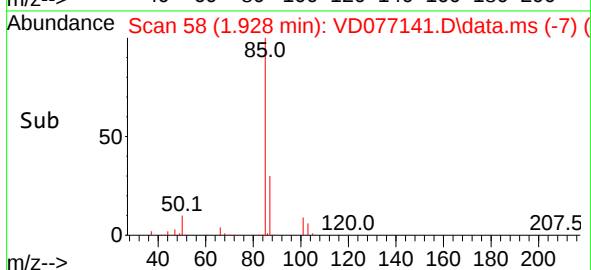
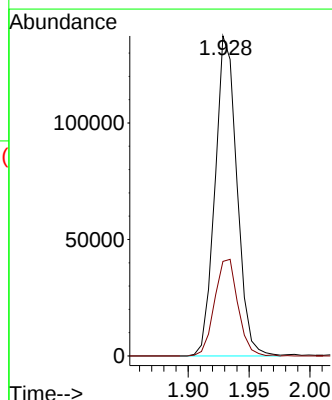
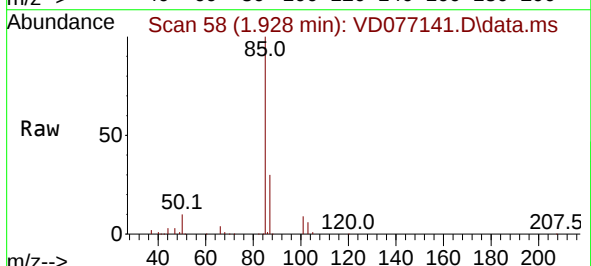
Acq: 18 Sep 2023 20:31

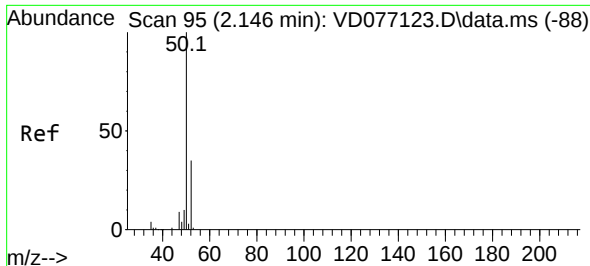
Tgt Ion: 85 Resp: 171769

Ion Ratio Lower Upper

85 100

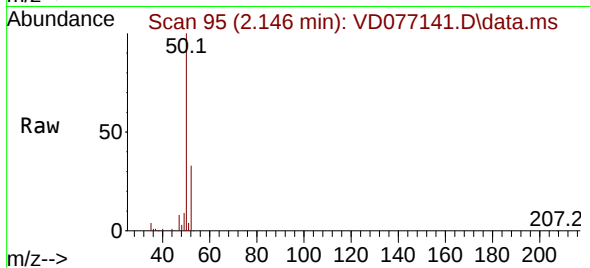
87 29.6 15.7 47.0





#3
Chloromethane
Concen: 37.948 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

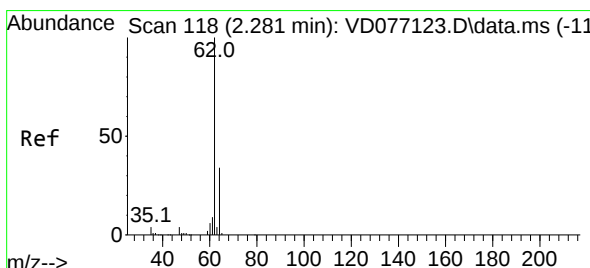
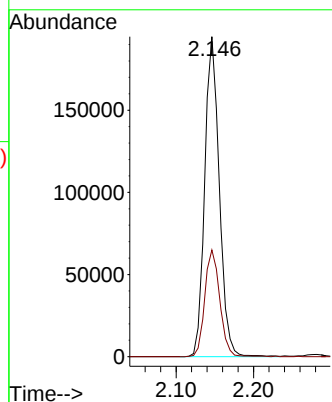
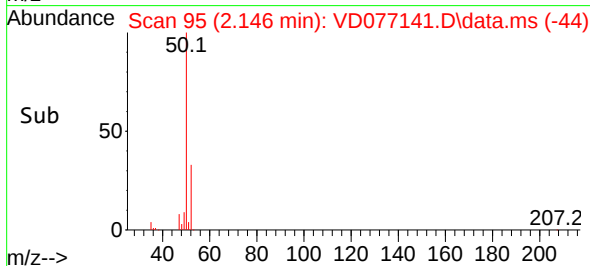
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 254469
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

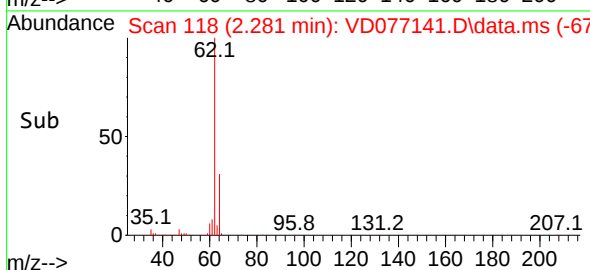
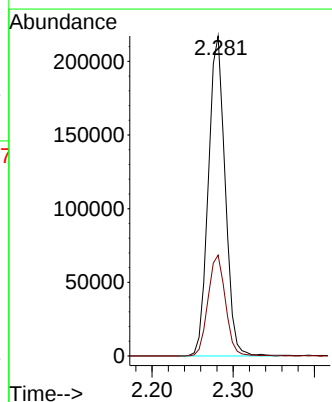
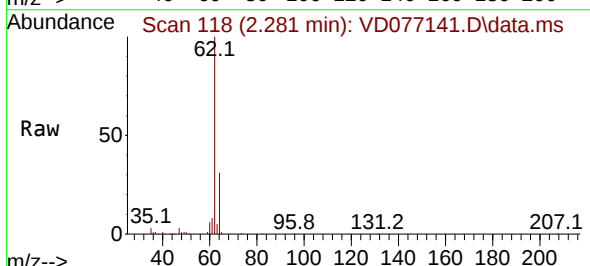
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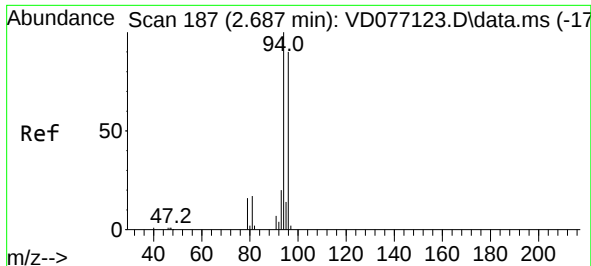
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#4
Vinyl Chloride
Concen: 43.392 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

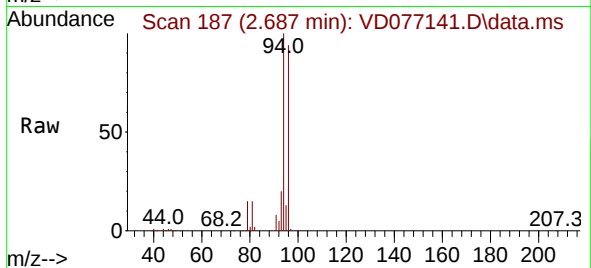
Tgt Ion: 62 Resp: 311261
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





#5
Bromomethane
Concen: 48.645 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

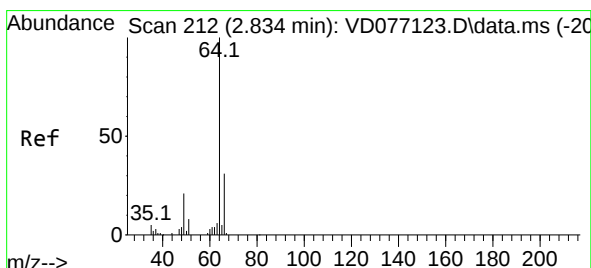
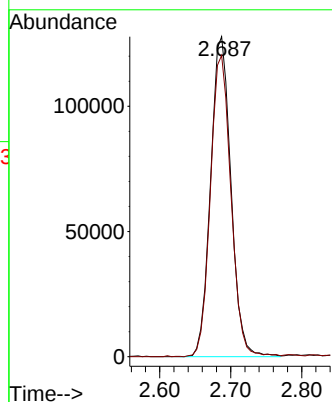
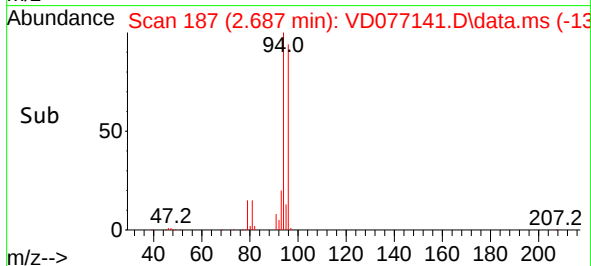
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Tgt Ion: 94 Resp: 254138
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.8

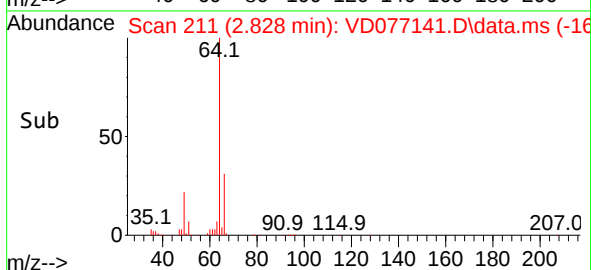
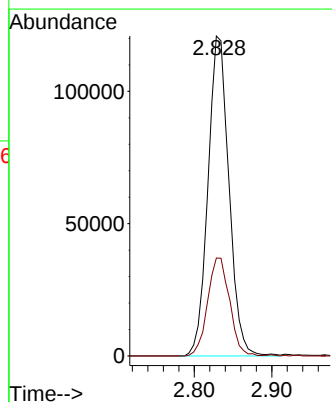
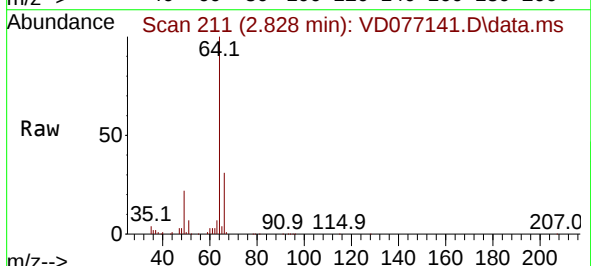
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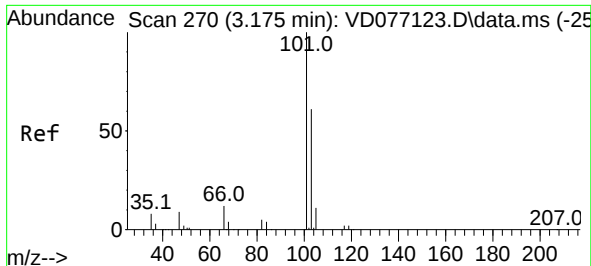
Reviewed By :Semsettin Yesilyurt 09/19/2023
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#6
Chloroethane
Concen: 50.951 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

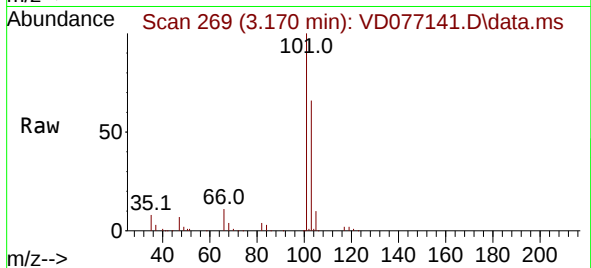
Tgt Ion: 64 Resp: 227417
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3





#7
Trichlorofluoromethane
Concen: 59.073 ug/l
RT: 3.170 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

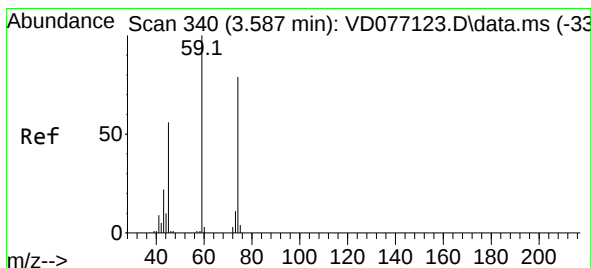
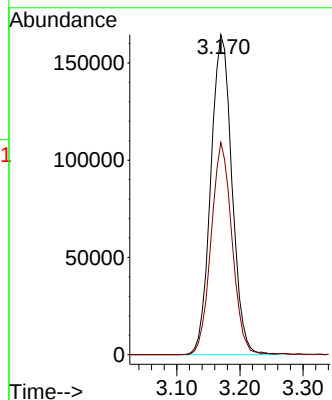
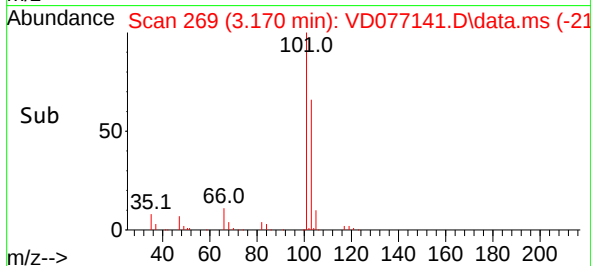
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 382995
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5

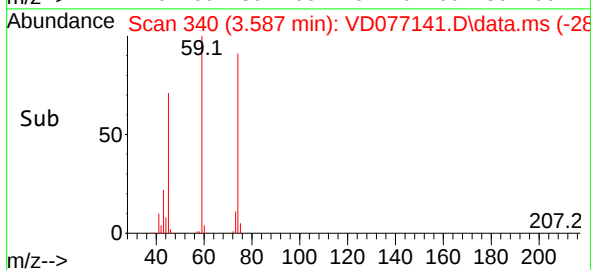
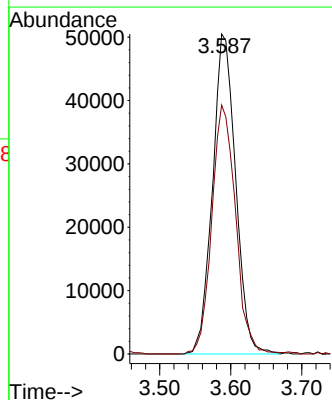
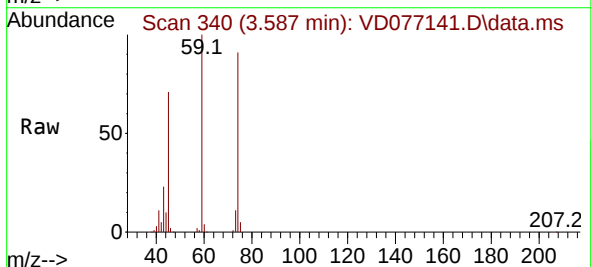
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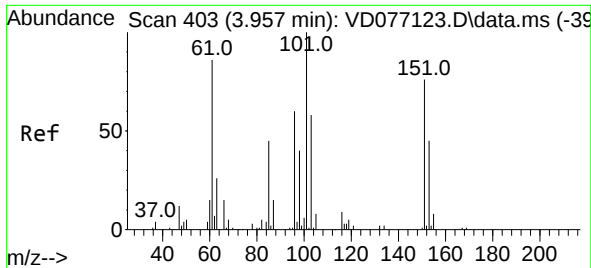
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#8
Diethyl Ether
Concen: 54.511 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 74 Resp: 114067
Ion Ratio Lower Upper
74 100
45 80.0 37.5 112.7





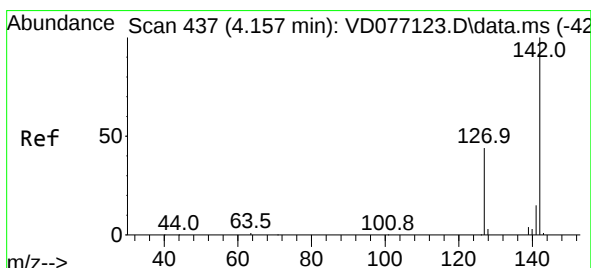
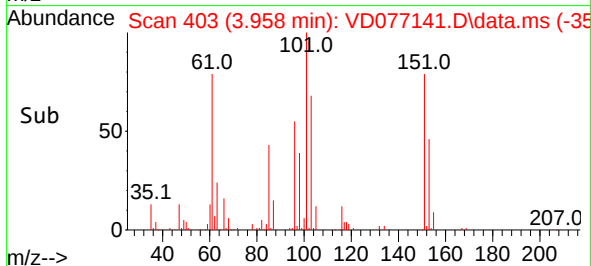
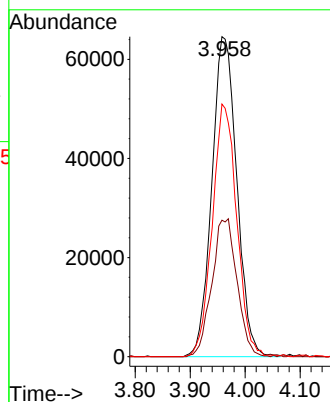
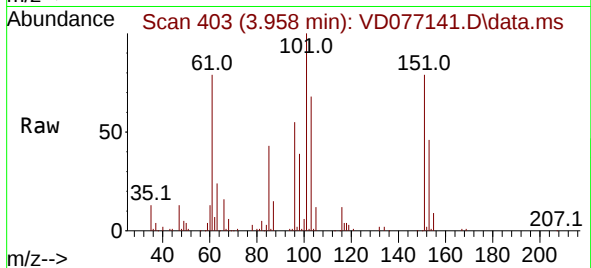
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.308 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 20392
Ion Ratio Lower Upper
101 100
85 43.4 33.8 50.6
151 77.0 59.8 89.6

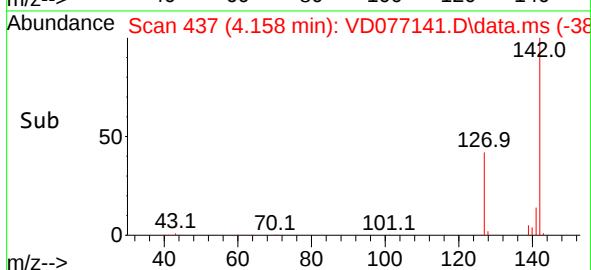
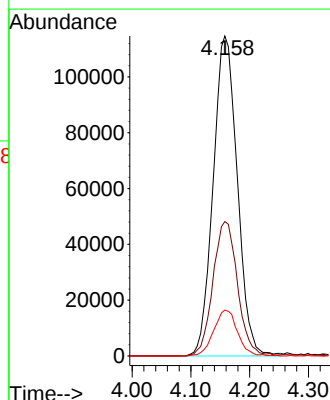
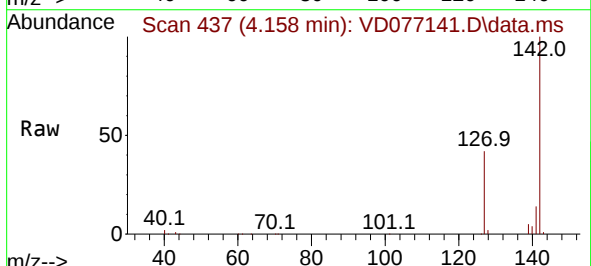
Manual Integrations
APPROVED

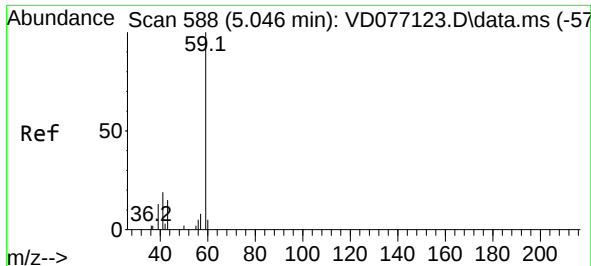
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#10
Methyl Iodide
Concen: 56.449 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

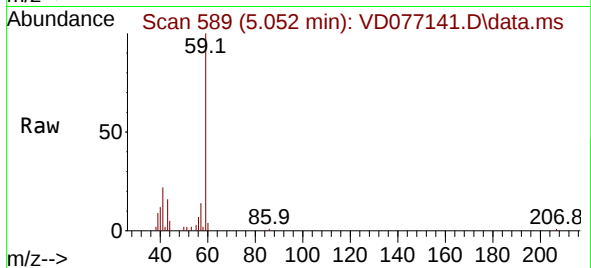
Tgt Ion:142 Resp: 327052
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 280.647 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

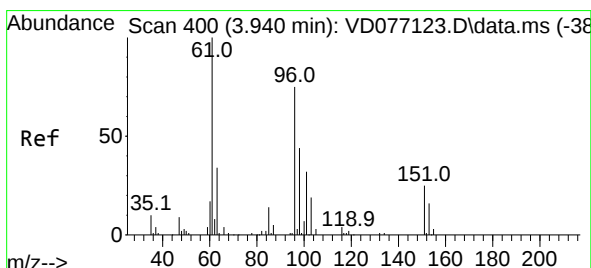
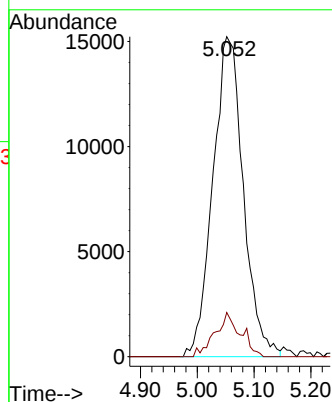
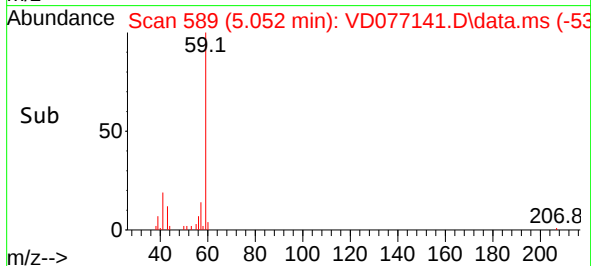
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



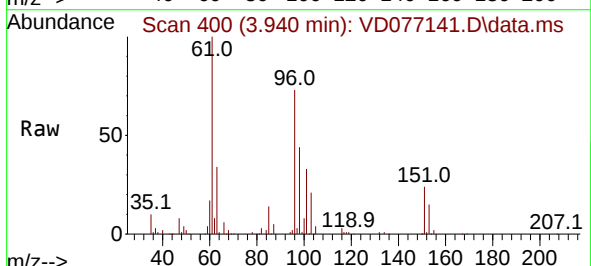
Tgt Ion: 59 Resp: 5668
Ion Ratio Lower Upper
59 100
57 11.5 7.8 11.8

Manual Integrations
APPROVED

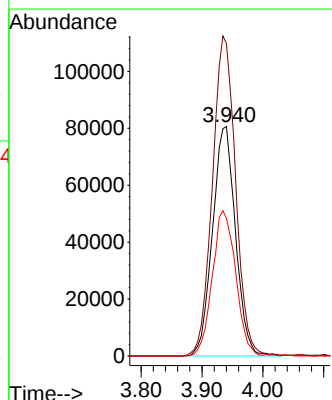
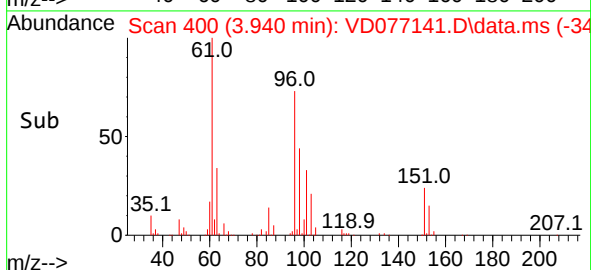
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

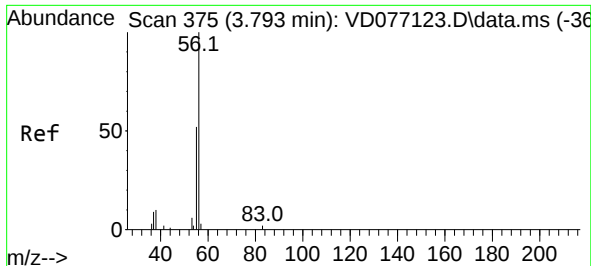


#12
1,1-Dichloroethene
Concen: 51.839 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



Tgt Ion: 96 Resp: 211686
Ion Ratio Lower Upper
96 100
61 136.2 100.6 150.8
98 60.0 50.2 75.2





#13

Acrolein

Concen: 245.210 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 32764

Ion Ratio Lower Upper

56 100

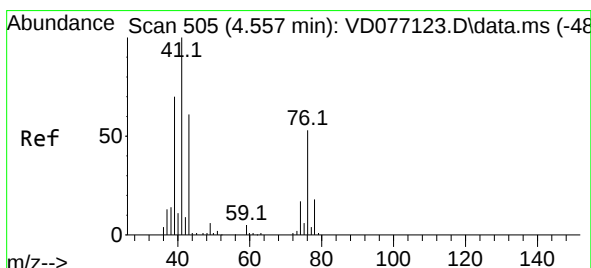
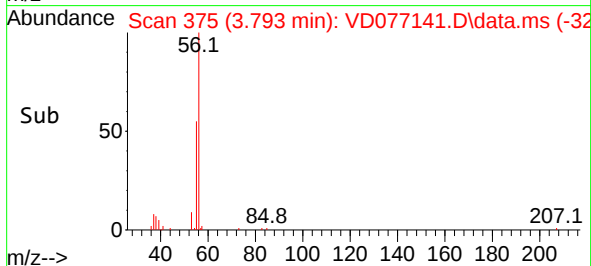
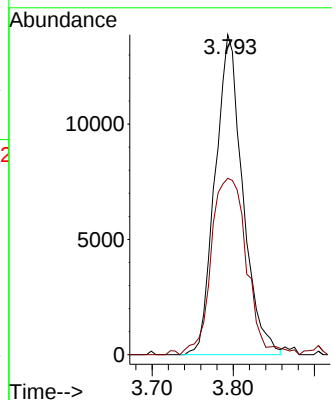
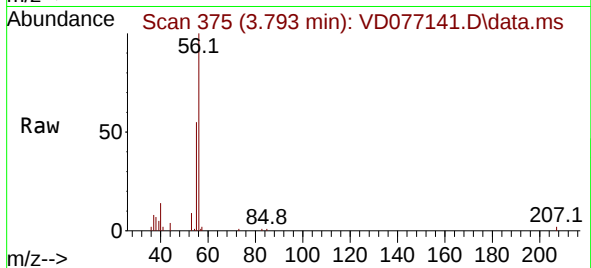
55 71.1 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#14

Allyl chloride

Concen: 54.101 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

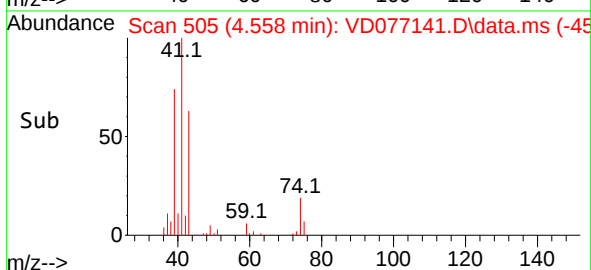
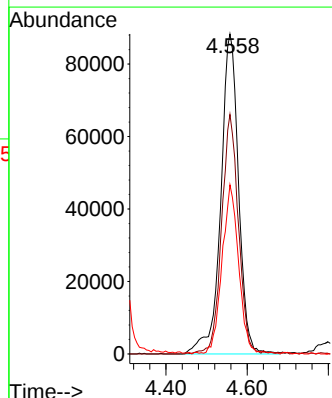
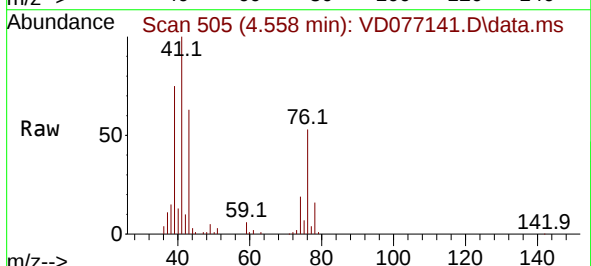
Tgt Ion: 41 Resp: 269538

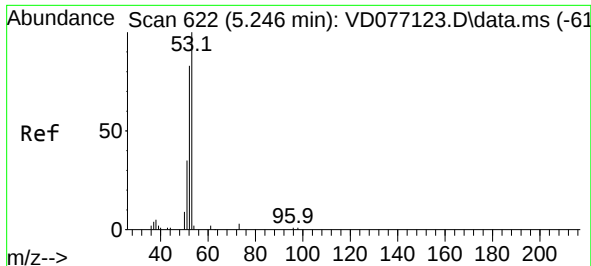
Ion Ratio Lower Upper

41 100

39 70.7 53.8 80.6

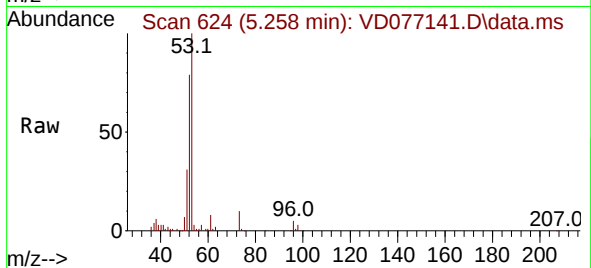
76 49.4 45.8 68.8





#15
Acrylonitrile
Concen: 270.279 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

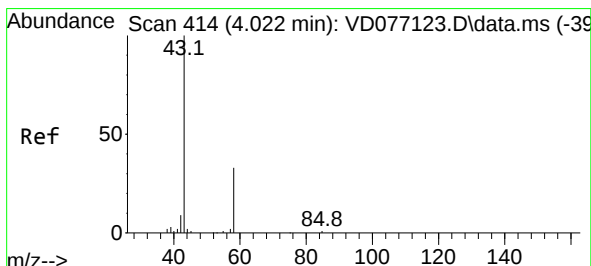
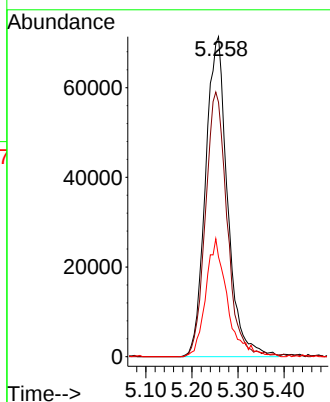
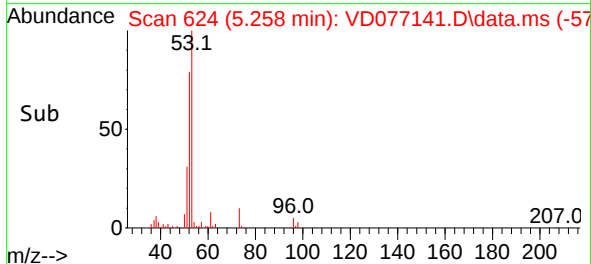
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 237160
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 36.1 28.3 42.5

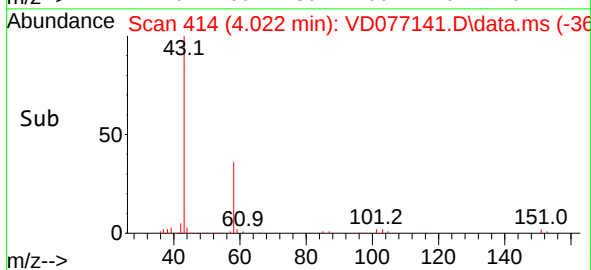
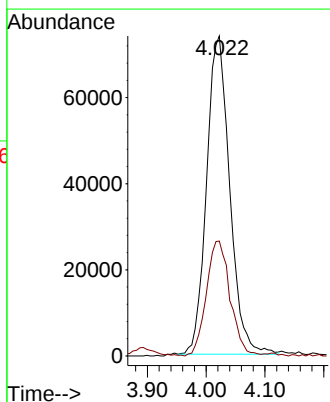
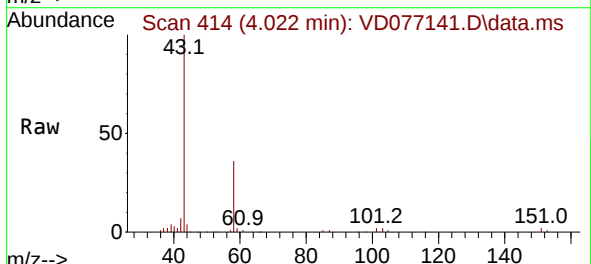
Manual Integrations
APPROVED

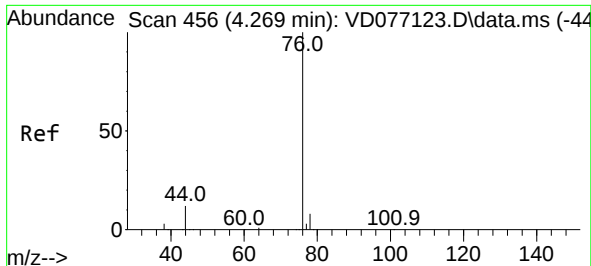
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#16
Acetone
Concen: 250.004 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

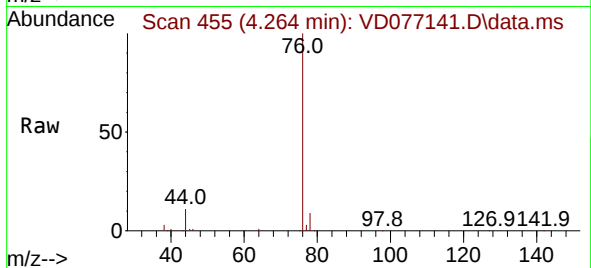
Tgt Ion: 43 Resp: 202425
Ion Ratio Lower Upper
43 100
58 35.9 34.7 52.1





#17
Carbon Disulfide
Concen: 49.206 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

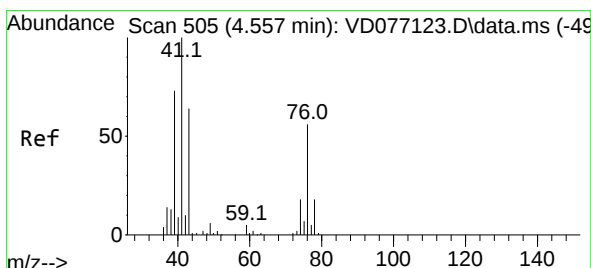
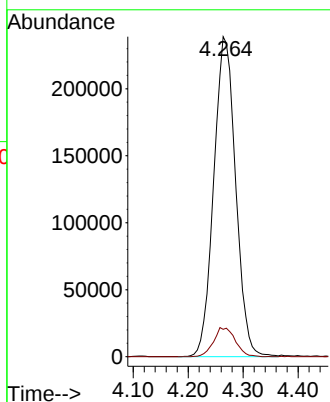
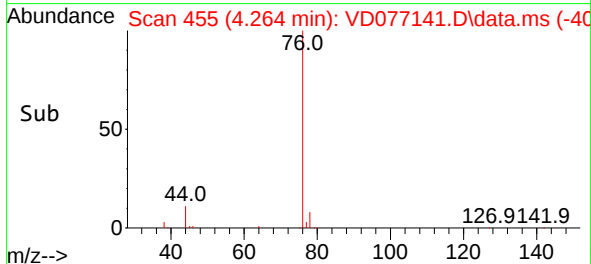
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 66147
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

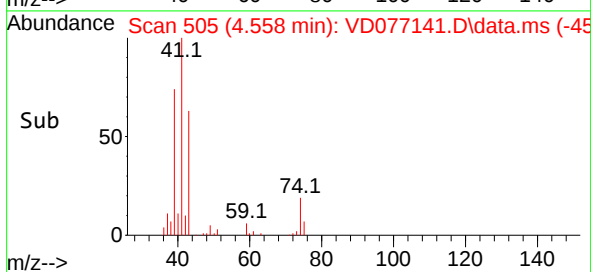
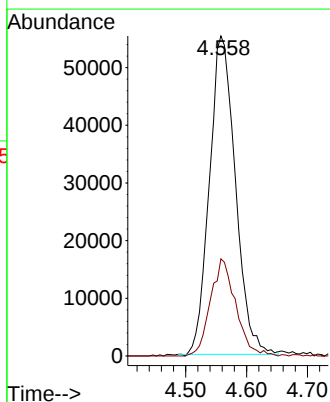
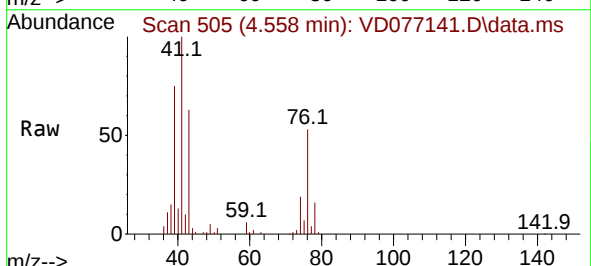
Manual Integrations
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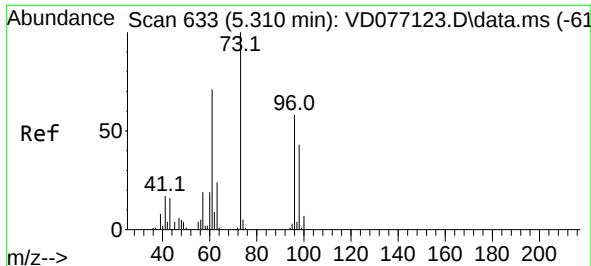
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#18
Methyl Acetate
Concen: 53.504 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 43 Resp: 163816
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 57.384 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 507054

Ion Ratio Lower Upper

73 100

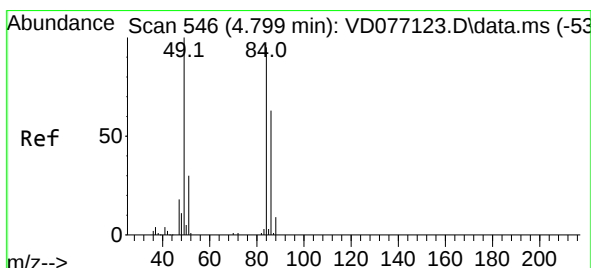
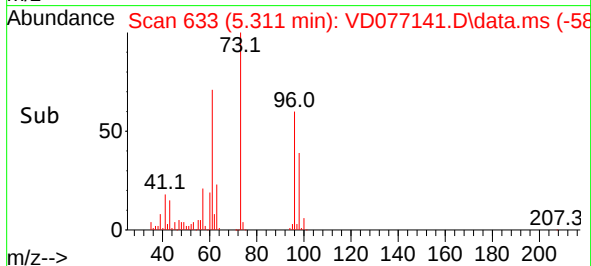
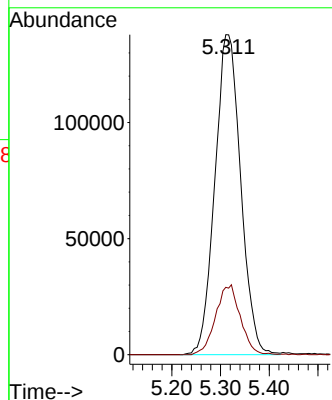
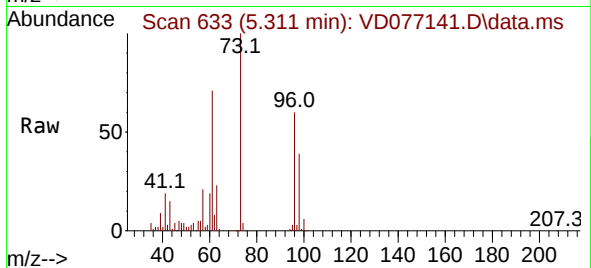
57 21.1 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#20

Methylene Chloride

Concen: 56.993 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Tgt Ion: 84 Resp: 293763

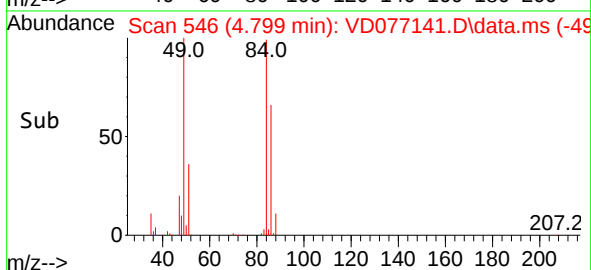
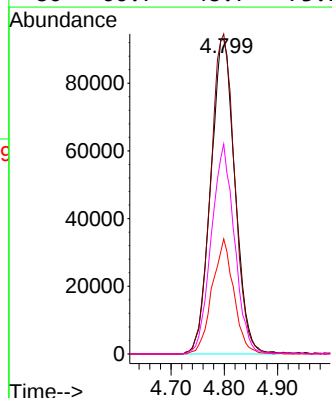
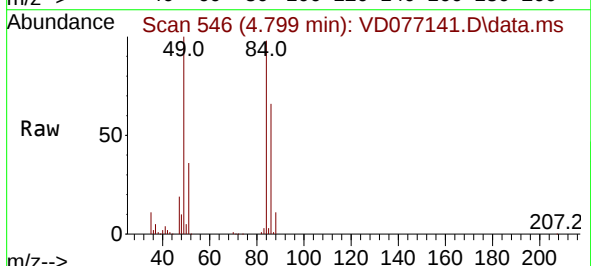
Ion Ratio Lower Upper

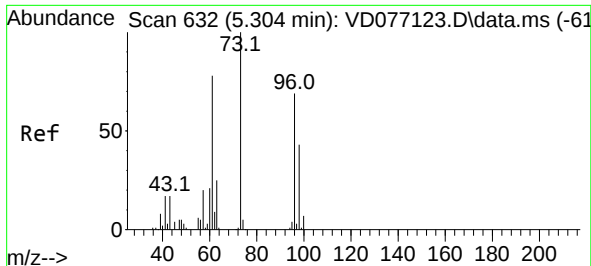
84 100

49 101.7 71.4 107.2

51 36.6 24.5 36.7

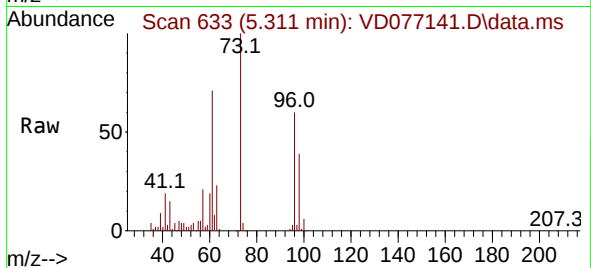
86 66.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 51.565 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

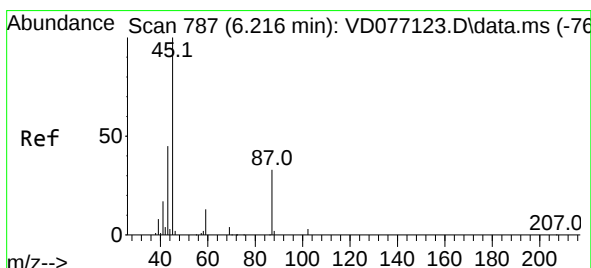
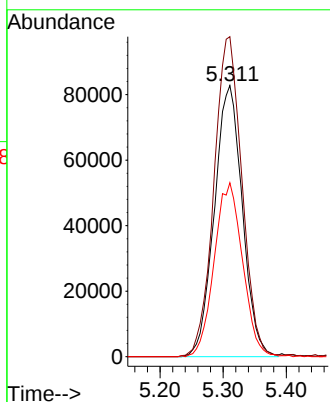
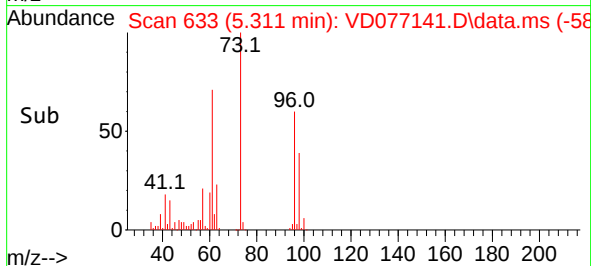
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 254539
Ion Ratio Lower Upper
96 100
61 118.0 89.3 133.9
98 64.1 48.6 73.0

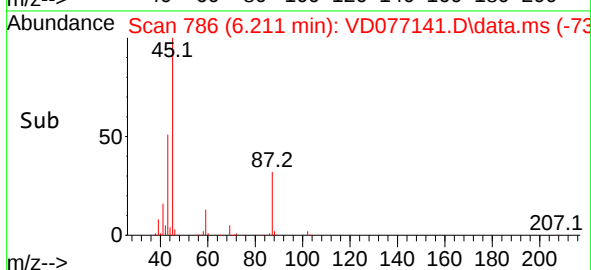
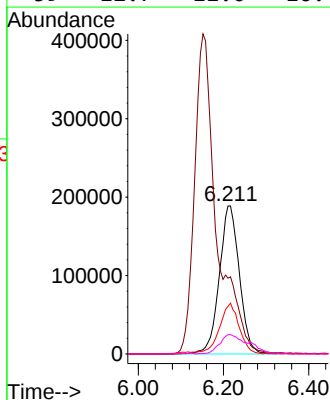
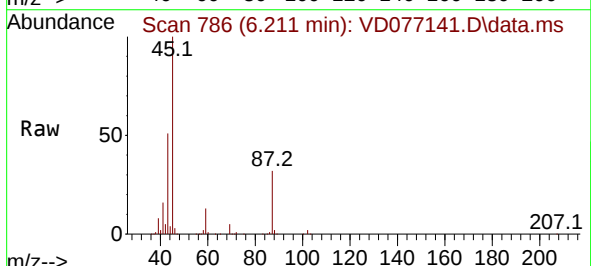
Manual Integrations
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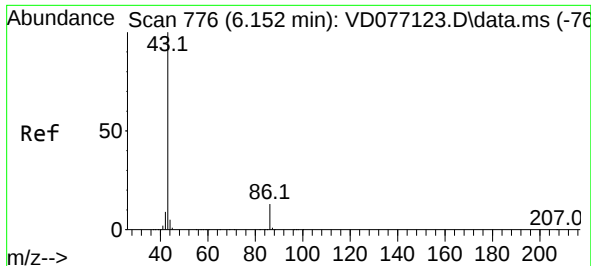
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#22
Diisopropyl ether
Concen: 54.803 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

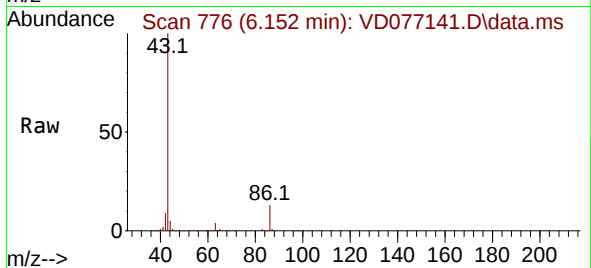
Tgt Ion: 45 Resp: 617319
Ion Ratio Lower Upper
45 100
43 50.5 40.0 60.0
87 31.8 28.2 42.4
59 12.7 11.0 16.4





#23
 Vinyl Acetate
 Concen: 272.535 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

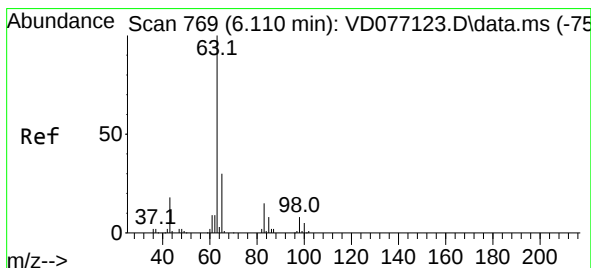
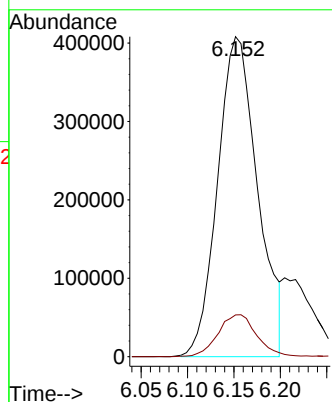
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 122730
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7

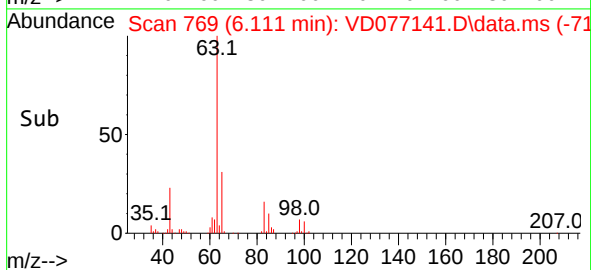
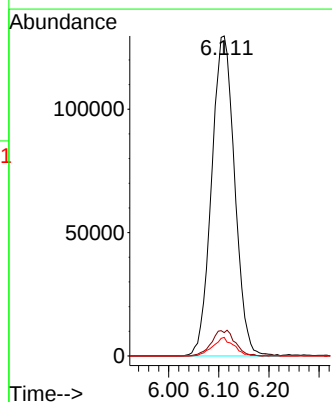
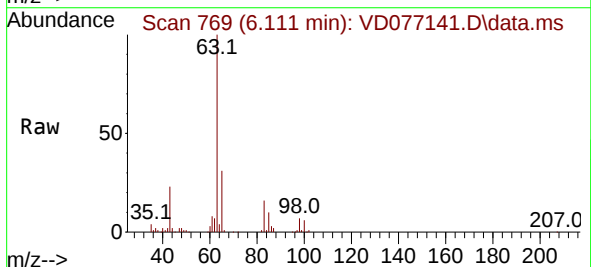
Manual Integrations
 APPROVED

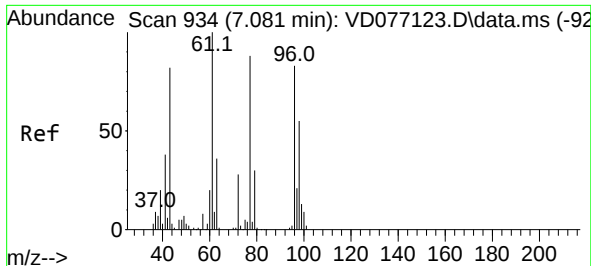
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#24
 1,1-Dichloroethane
 Concen: 51.279 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

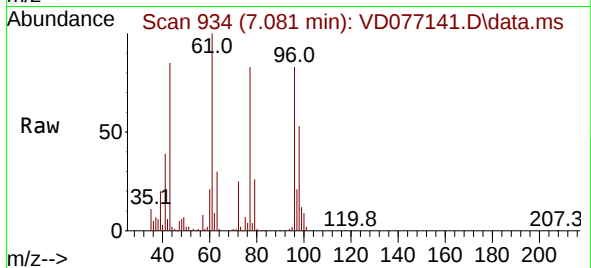
Tgt Ion: 63 Resp: 414576
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.8 2.5 7.5





#25
2-Butanone
Concen: 266.118 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

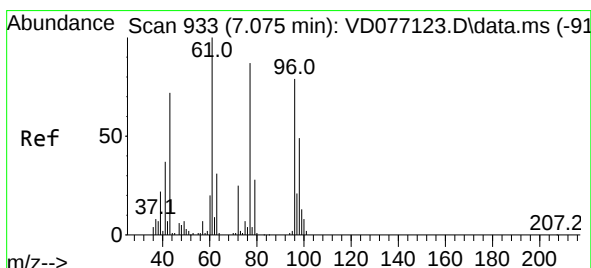
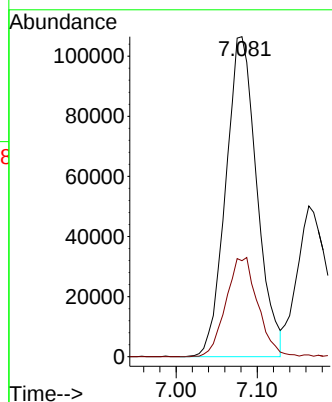
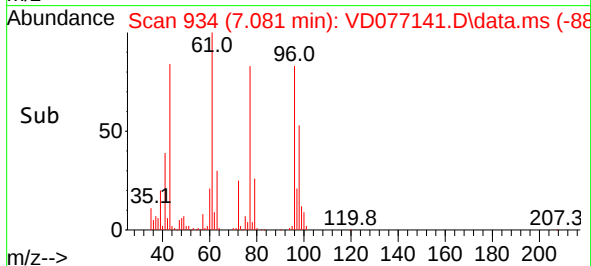
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



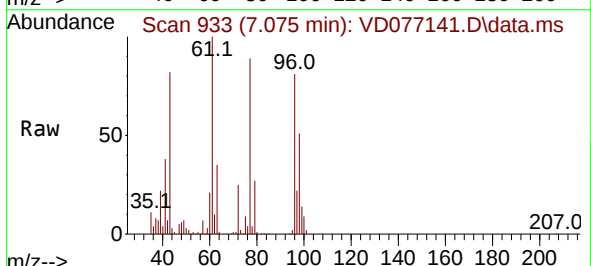
Tgt Ion: 43 Resp: 283470
Ion Ratio Lower Upper
43 100
72 30.0 30.7 46.1

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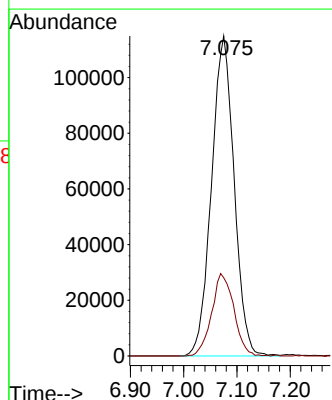
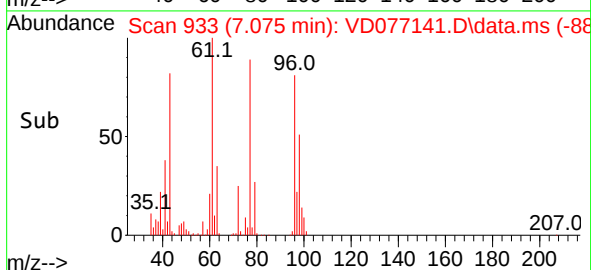
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

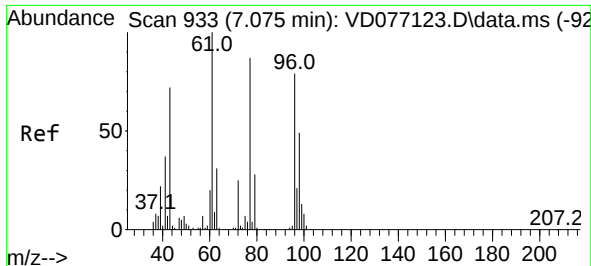


#26
2,2-Dichloropropane
Concen: 49.330 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



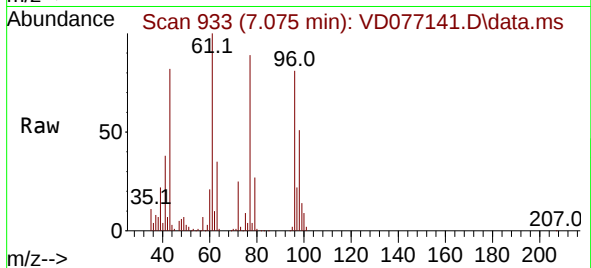
Tgt Ion: 77 Resp: 338533
Ion Ratio Lower Upper
77 100
97 25.3 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.666 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

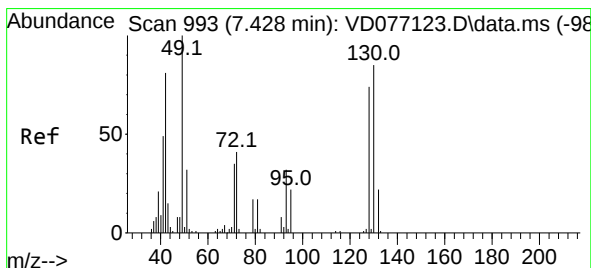
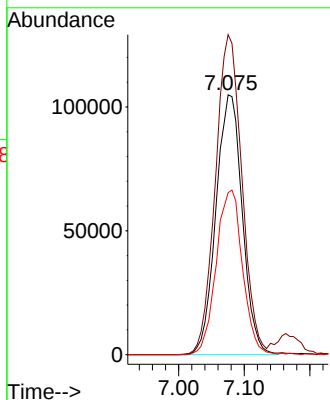
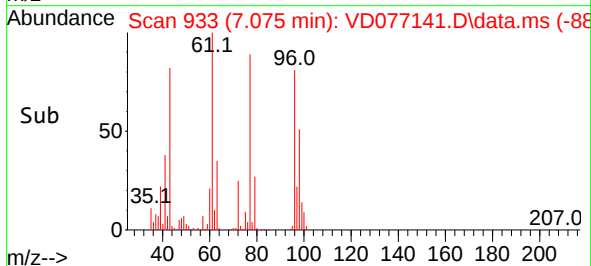
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 29225
 Ion Ratio Lower Upper
 96 100
 61 123.9 0.0 239.2
 98 63.3 0.0 128.6

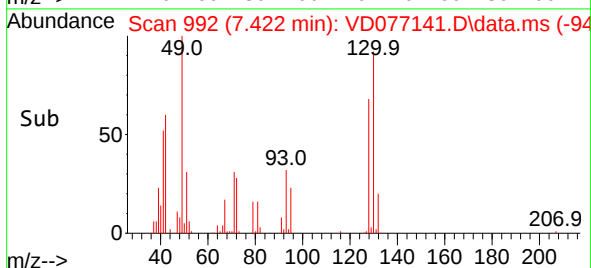
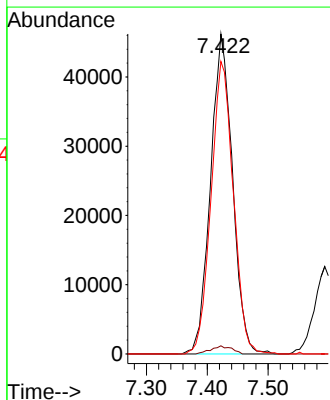
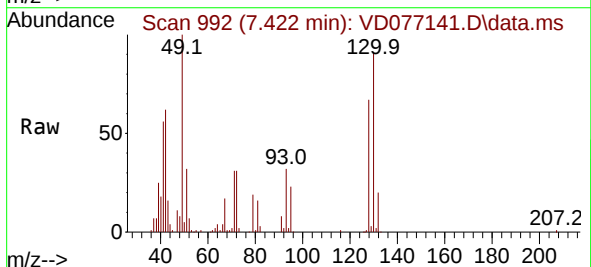
Manual Integrations
 APPROVED

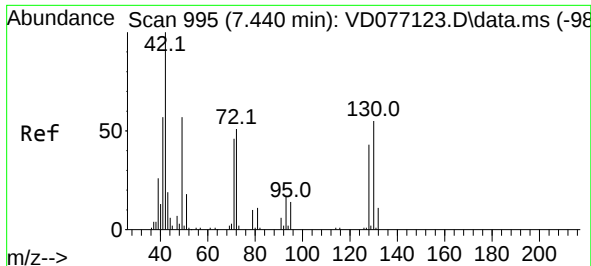
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#28
 Bromochloromethane
 Concen: 46.631 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

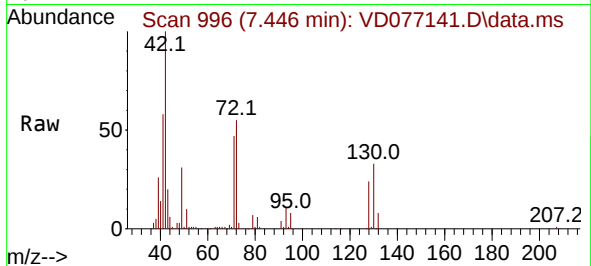
Tgt Ion: 49 Resp: 115765
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 92.5 83.2 124.8





#29
Tetrahydrofuran
Concen: 274.411 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

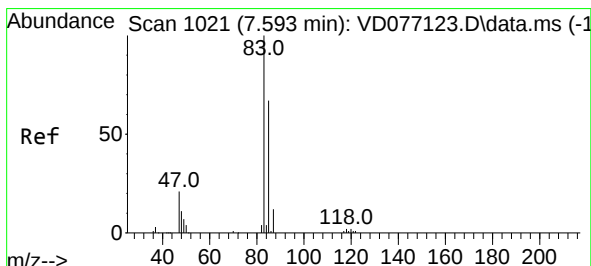
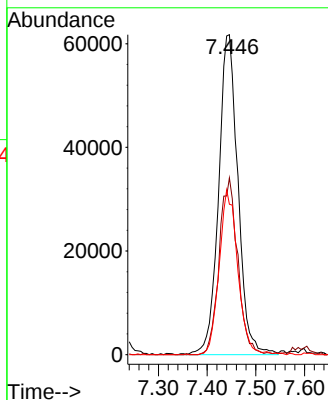
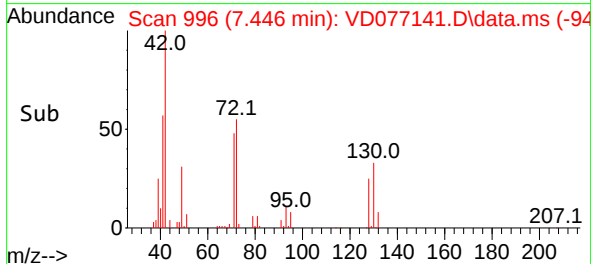
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 17088
Ion Ratio Lower Upper
42 100
72 52.8 46.5 69.7
71 49.6 44.5 66.7

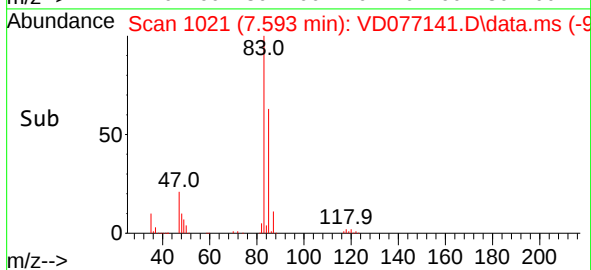
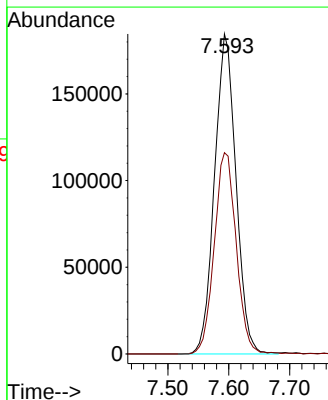
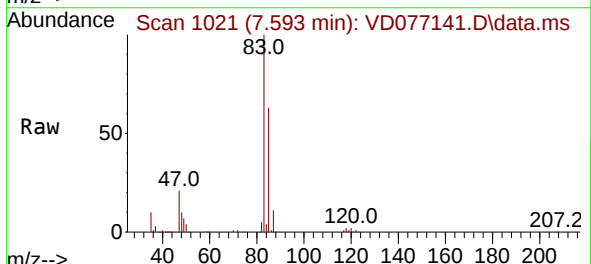
Manual Integrations
APPROVED

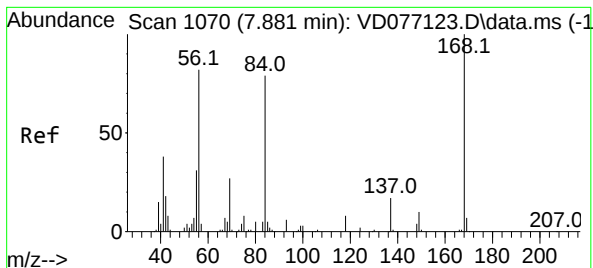
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#30
Chloroform
Concen: 51.813 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 83 Resp: 451456
Ion Ratio Lower Upper
83 100
85 62.9 53.4 80.2





#31

Cyclohexane

Concen: 50.963 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 31586

Ion Ratio Lower Upper

56 100

69 36.7 28.6 43.0

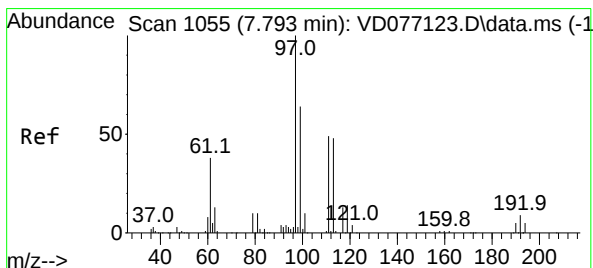
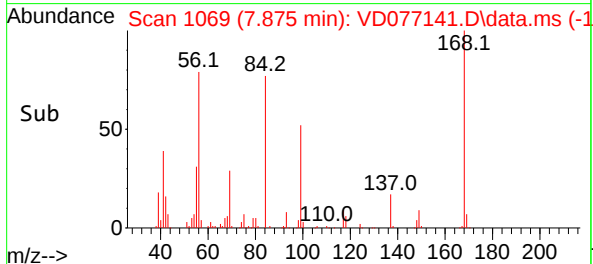
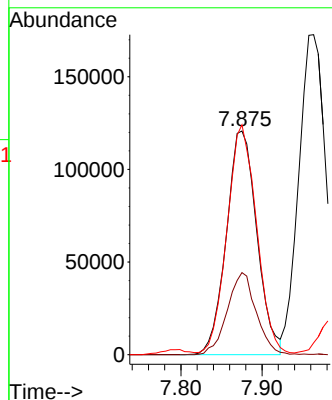
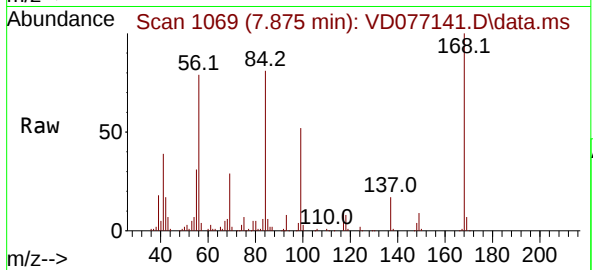
84 100.5 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#32

1,1,1-Trichloroethane

Concen: 52.175 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

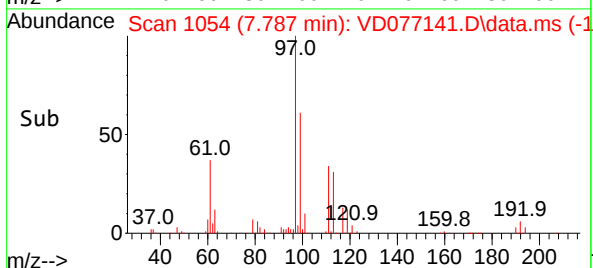
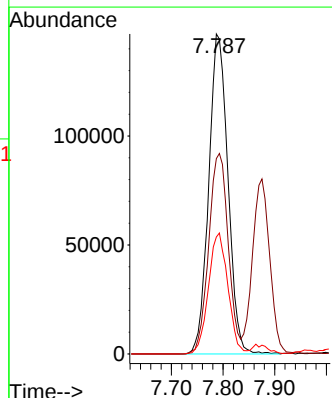
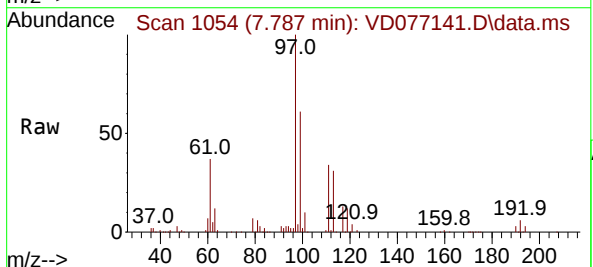
Tgt Ion: 97 Resp: 379466

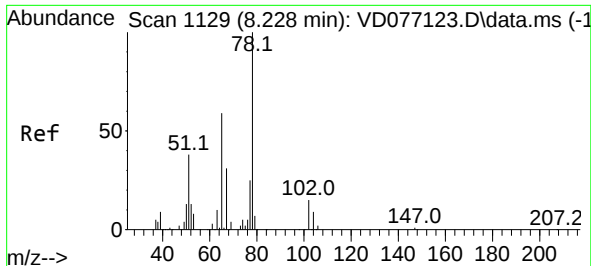
Ion Ratio Lower Upper

97 100

99 63.7 52.0 78.0

61 38.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.418 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 175072

Ion Ratio Lower Upper

65 100

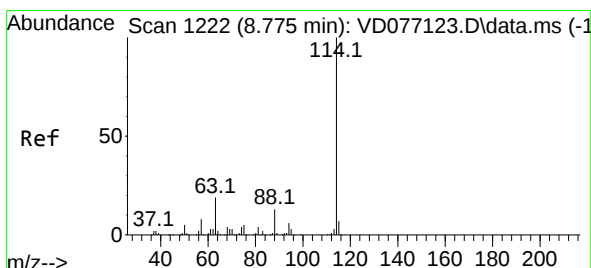
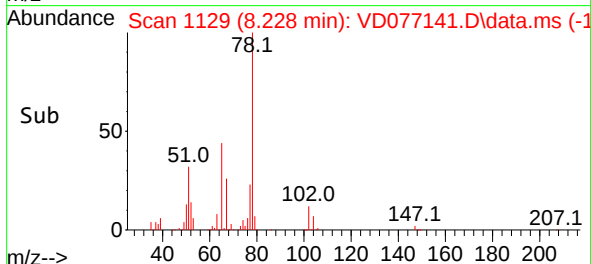
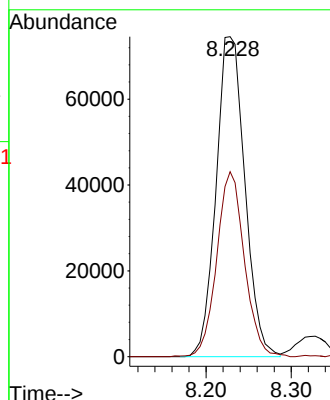
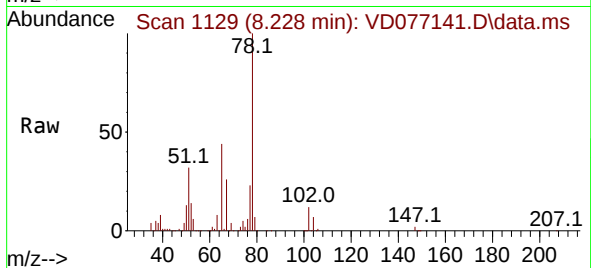
67 55.5 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

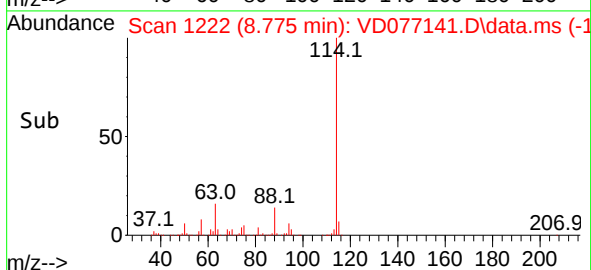
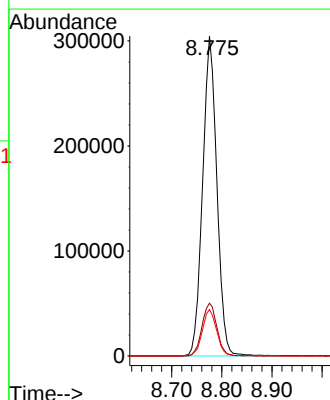
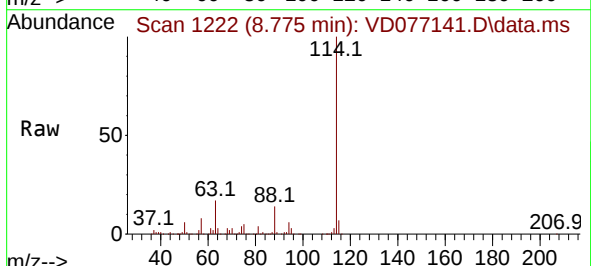
Tgt Ion:114 Resp: 601360

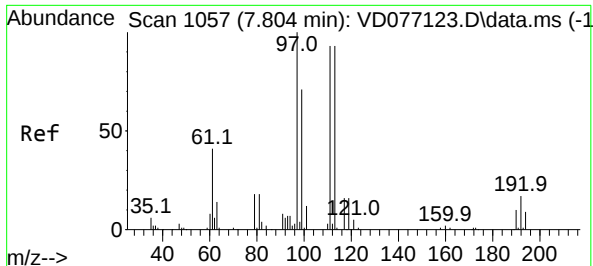
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.348 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 20194

Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

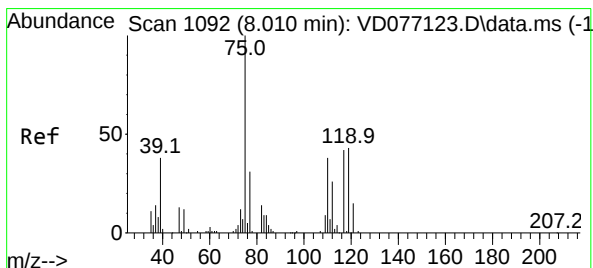
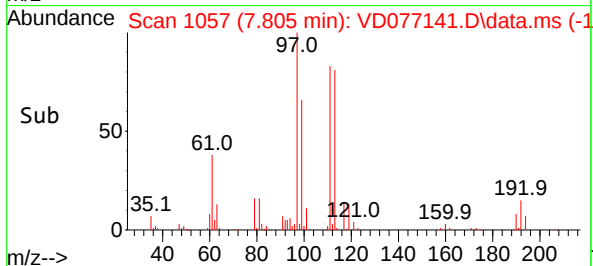
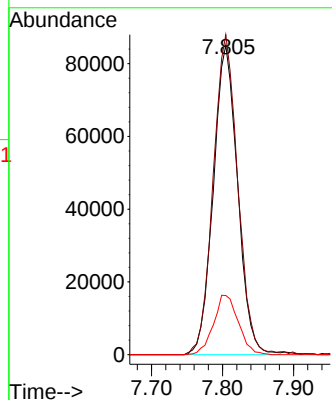
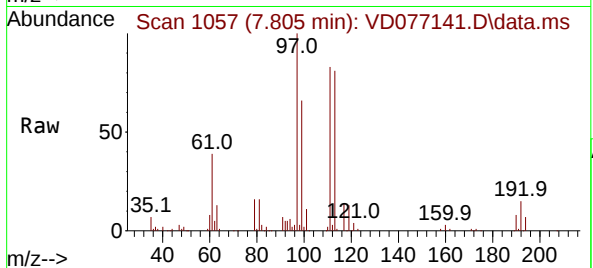
192 19.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#36

1,1-Dichloropropene

Concen: 51.466 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

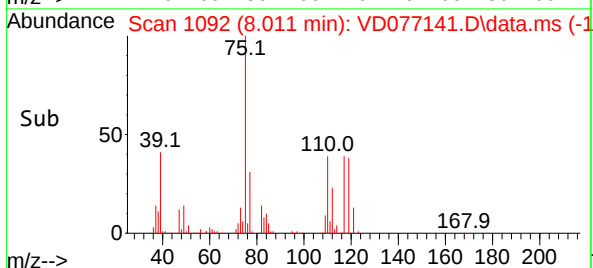
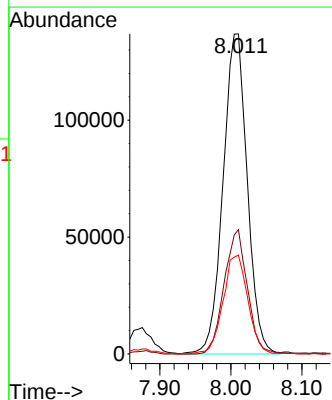
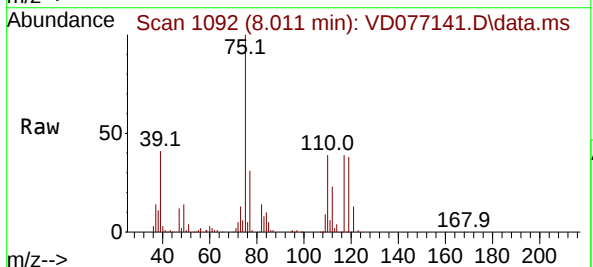
Tgt Ion: 75 Resp: 323752

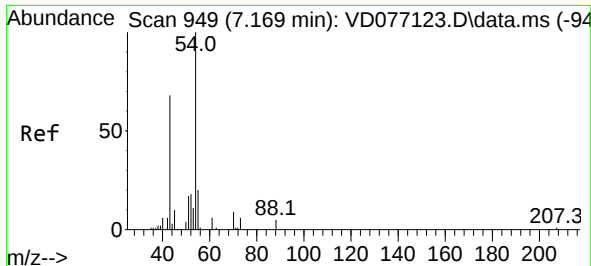
Ion Ratio Lower Upper

75 100

110 37.4 19.9 59.6

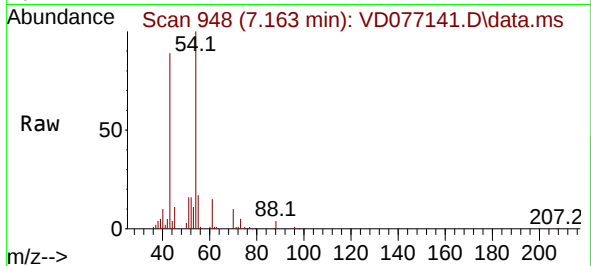
77 31.8 24.7 37.1





#37
Ethyl Acetate
Concen: 54.944 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

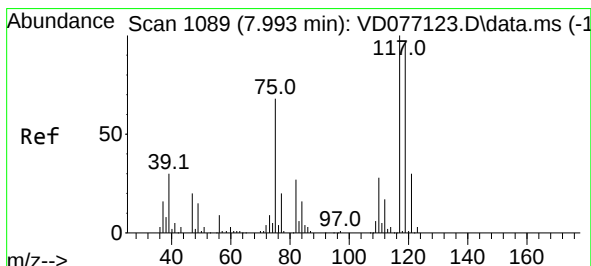
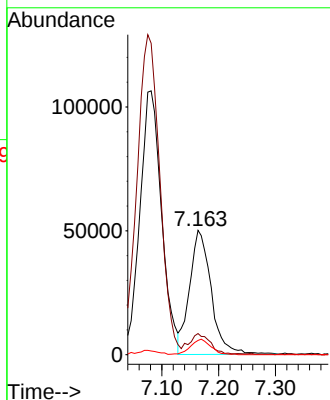
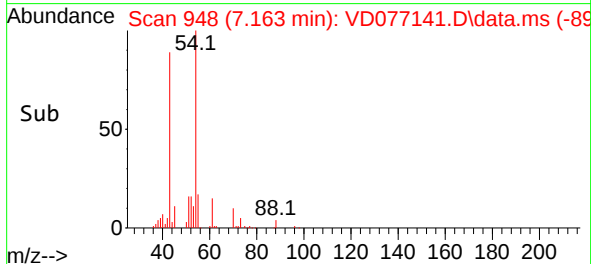
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 132609
Ion Ratio Lower Upper
43 100
61 15.3 14.9 22.3
70 11.6 10.0 15.0

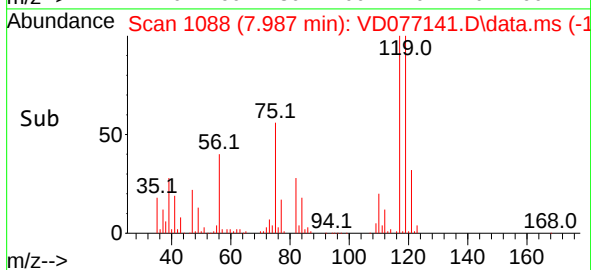
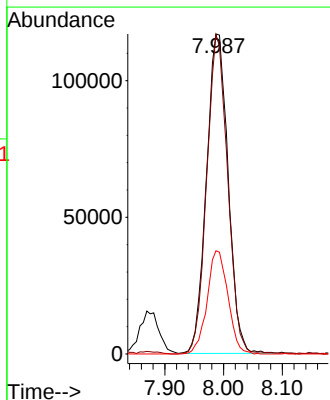
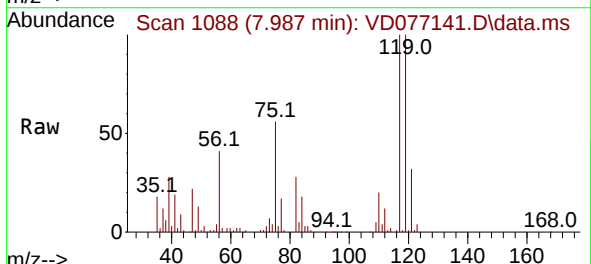
Manual Integrations
APPROVED

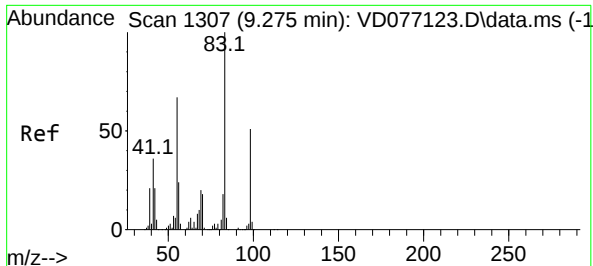
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#38
Carbon Tetrachloride
Concen: 48.436 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion:117 Resp: 299469
Ion Ratio Lower Upper
117 100
119 100.0 78.0 117.0
121 32.3 24.2 36.2





#39

Methylcyclohexane

Concen: 52.835 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077141.D

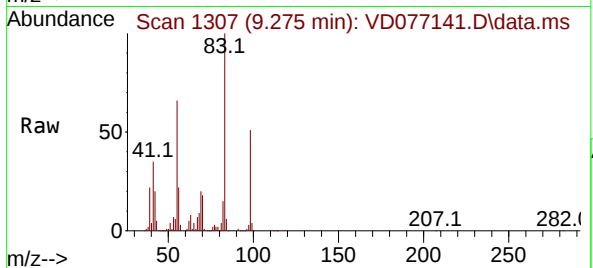
Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

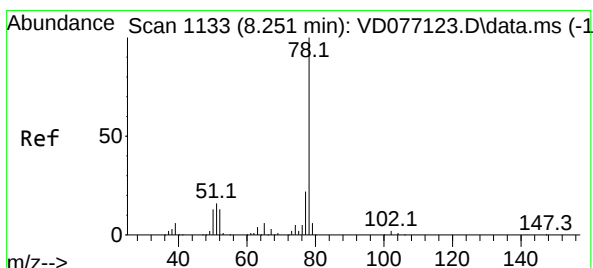
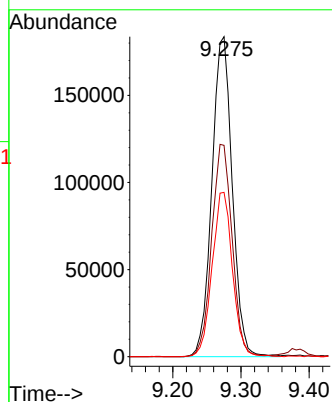
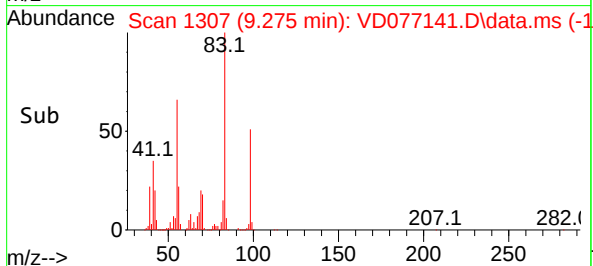


Tgt Ion:	83	Resp:	38241
Ion	Ratio	Lower	Upper
83	100		
55	66.1	49.4	74.0
98	51.4	38.4	57.6

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 51.034 ug/l

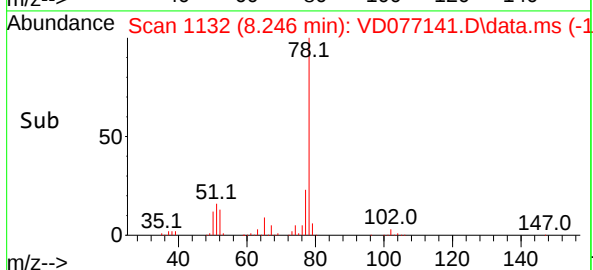
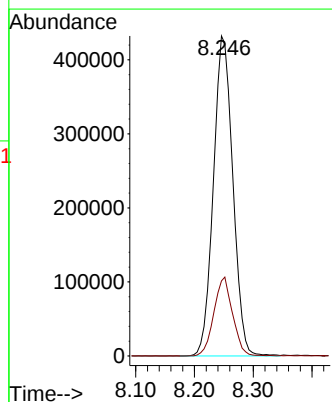
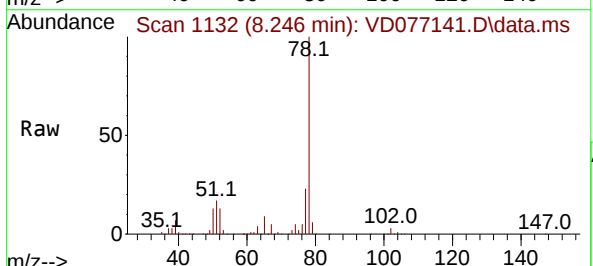
RT: 8.246 min Scan# 1132

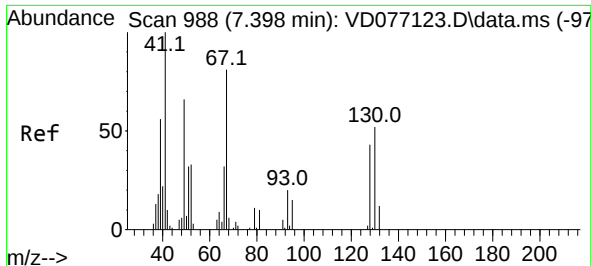
Delta R.T. -0.006 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

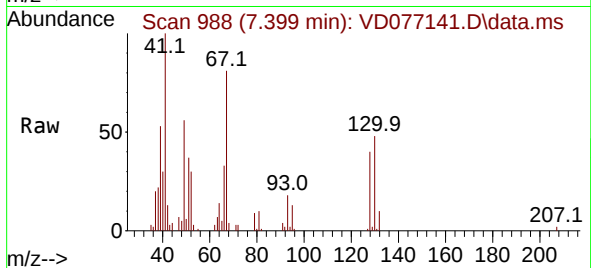
Tgt Ion:	78	Resp:	993244
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





#41
Methacrylonitrile
Concen: 54.121 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

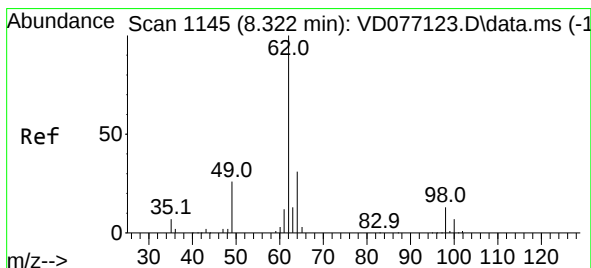
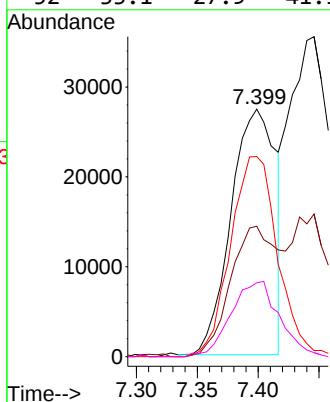
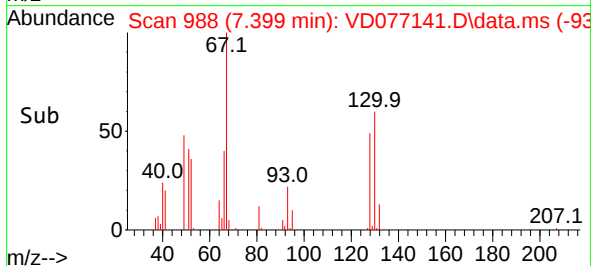
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 69718
Ion Ratio Lower Upper
41 100
39 59.2 34.0 51.0
67 86.2 77.0 115.4
52 33.1 27.9 41.9

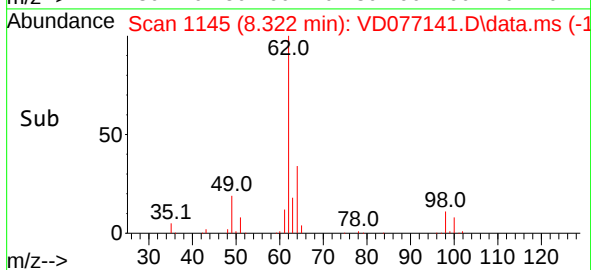
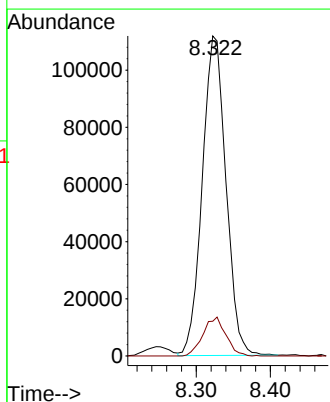
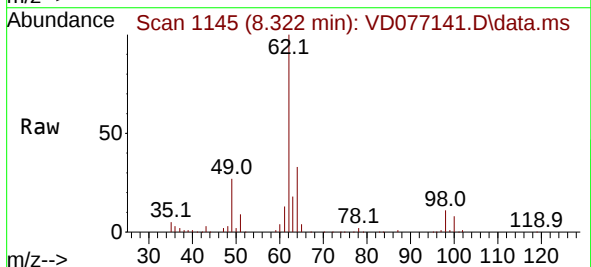
Manual Integrations
APPROVED

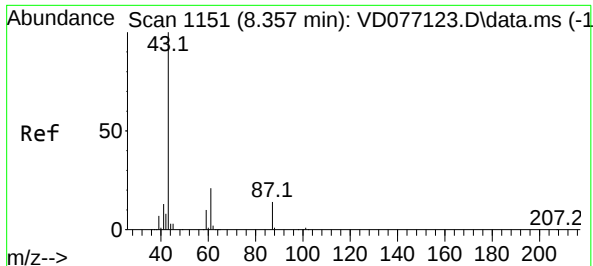
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#42
1,2-Dichloroethane
Concen: 51.518 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 62 Resp: 248592
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4





#43

Isopropyl Acetate

Concen: 53.548 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

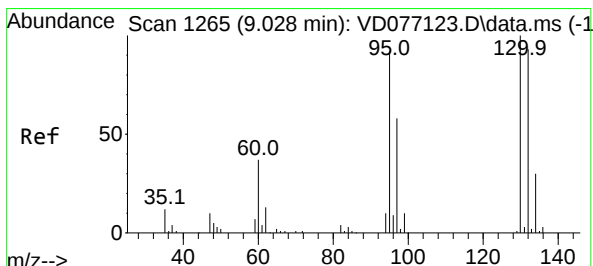
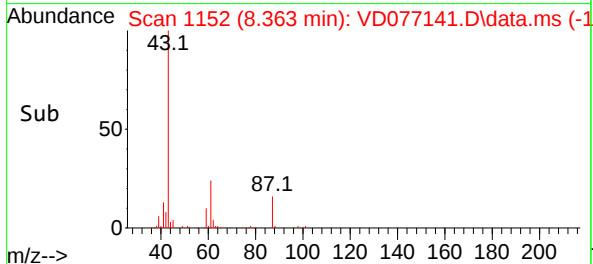
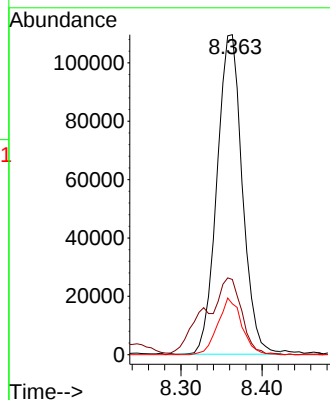
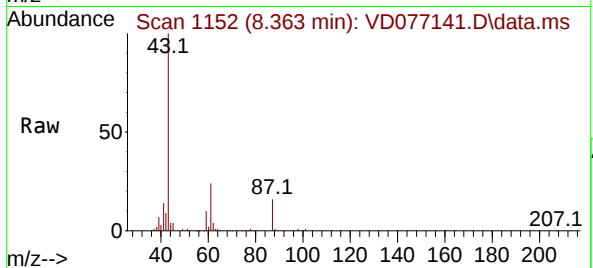
Tgt Ion: 43 Resp: 23794

Ion	Ratio	Lower	Upper
43	100		
61	23.8	31.4	47.0
87	16.7	14.9	22.3

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 51.367 ug/l

RT: 9.028 min Scan# 1265

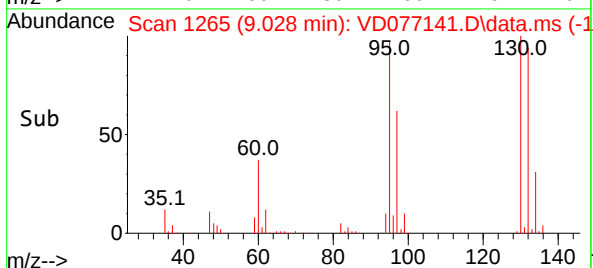
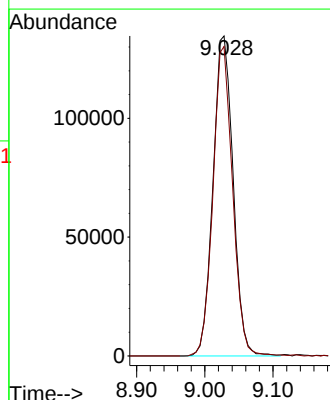
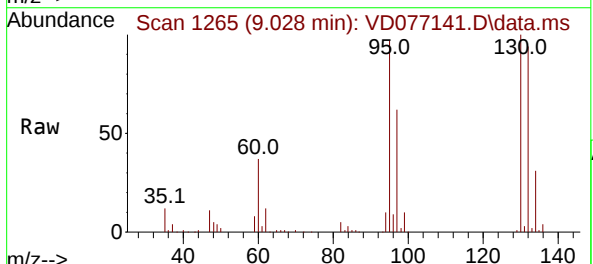
Delta R.T. 0.000 min

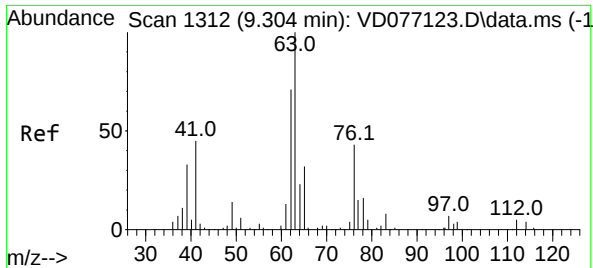
Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Tgt Ion:130 Resp: 276700

Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	179.2





#45

1,2-Dichloropropane

Concen: 51.173 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 241904

Ion Ratio Lower Upper

63 100

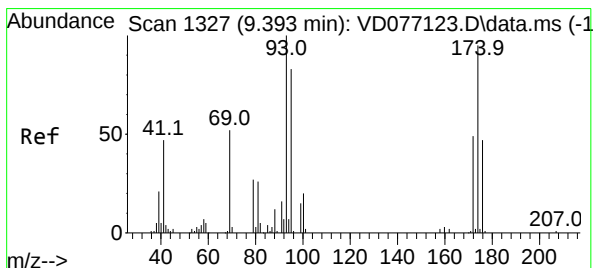
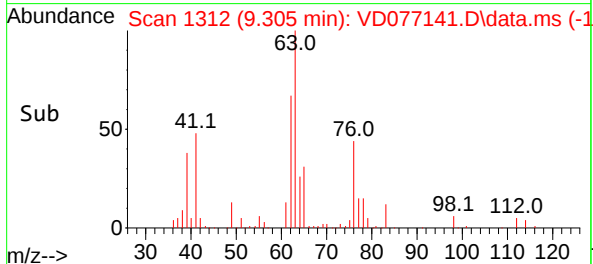
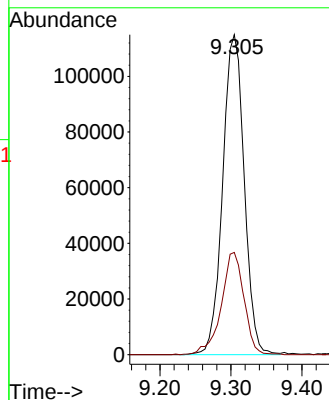
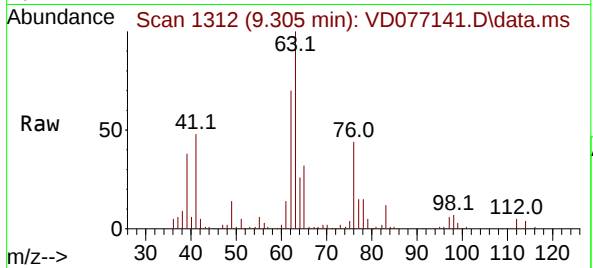
65 32.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#46

Dibromomethane

Concen: 51.162 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

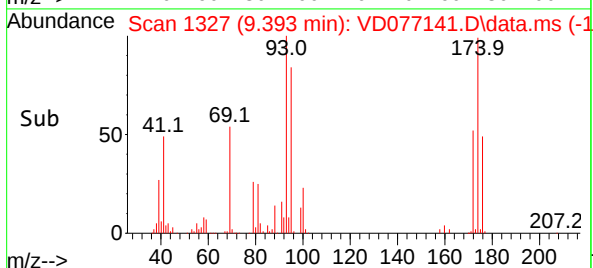
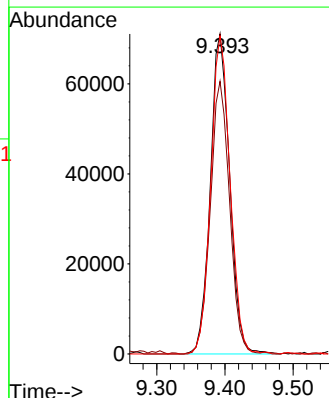
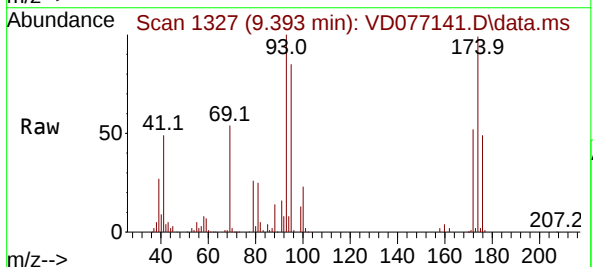
Tgt Ion: 93 Resp: 140541

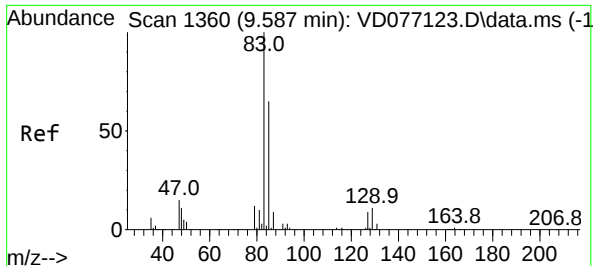
Ion Ratio Lower Upper

93 100

95 84.9 67.7 101.5

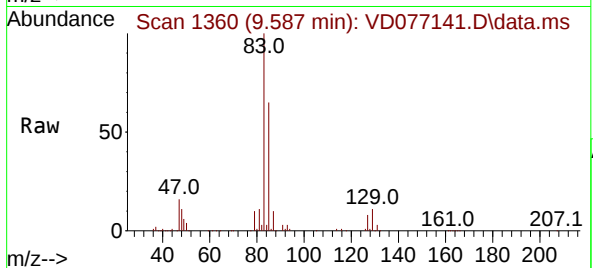
174 99.6 85.4 128.2





#47
Bromodichloromethane
Concen: 51.261 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

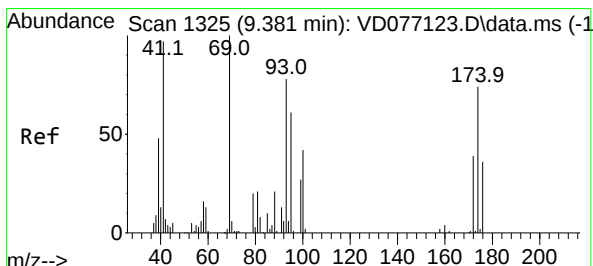
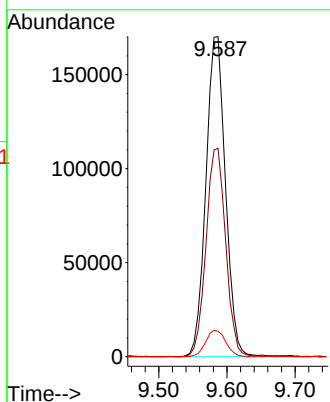
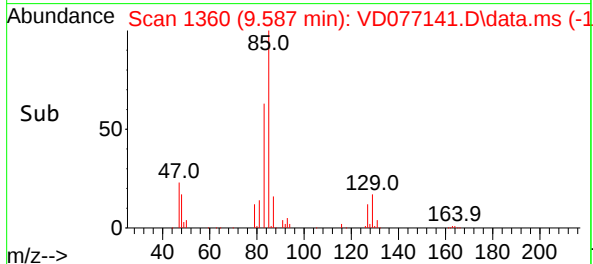
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 34028
Ion Ratio Lower Upper
83 100
85 65.1 50.2 75.4
127 8.0 6.3 9.5

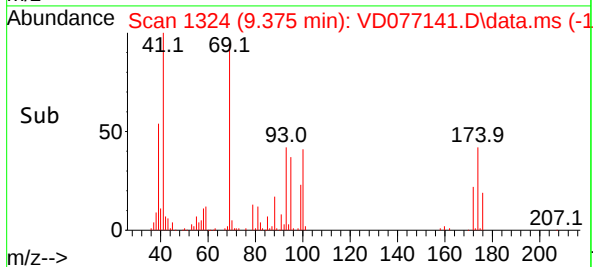
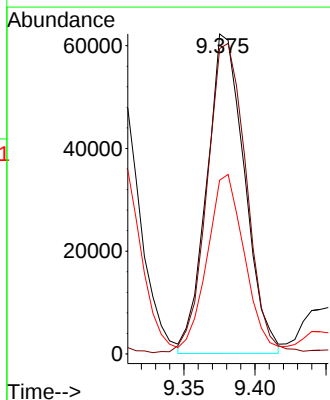
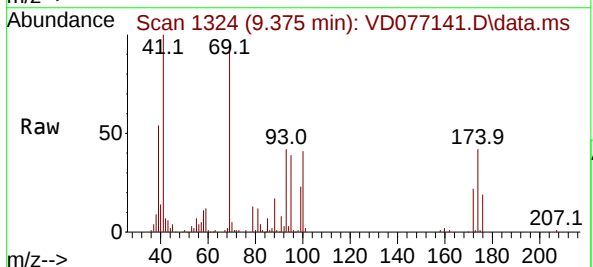
Manual Integrations
APPROVED

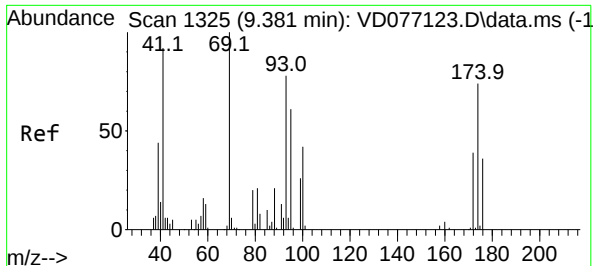
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#48
Methyl methacrylate
Concen: 56.963 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 41 Resp: 115019
Ion Ratio Lower Upper
41 100
69 100.3 102.2 153.2#
39 52.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1107.418 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

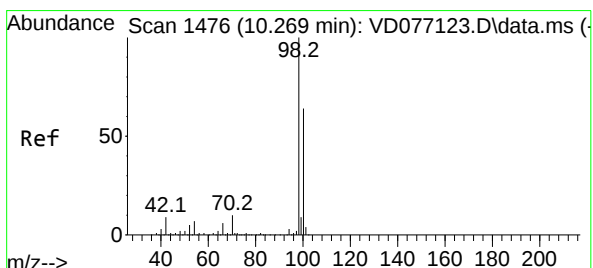
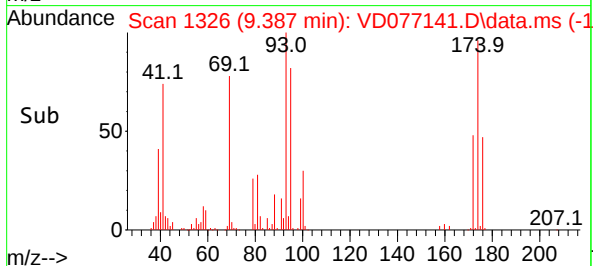
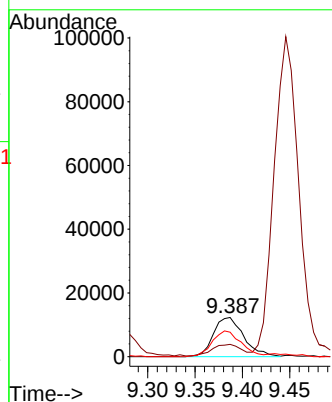
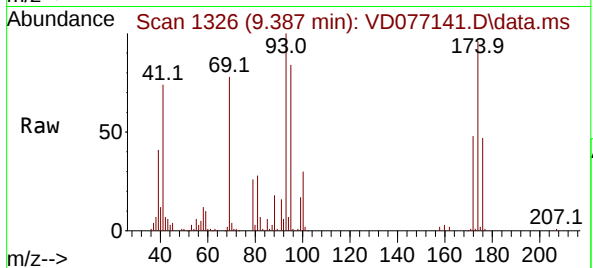
VSTDCCC050EC

Tgt Ion:	88	Resp:	2745
Ion	Ratio	Lower	Upper
88	100		
43	27.8	19.0	28.6
58	62.6	43.5	65.3

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 50.085 ug/l

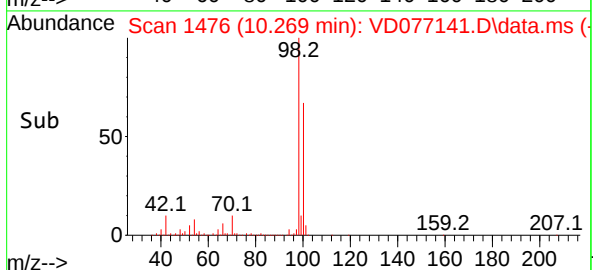
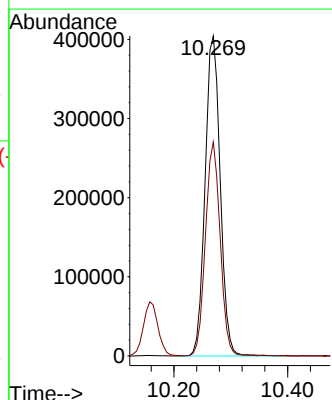
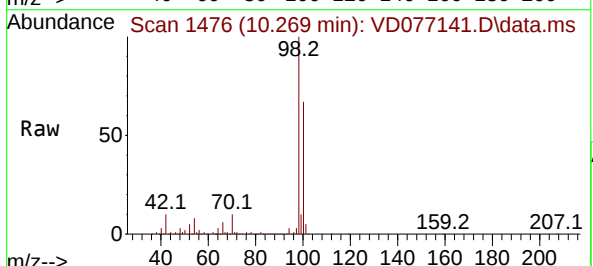
RT: 10.269 min Scan# 1476

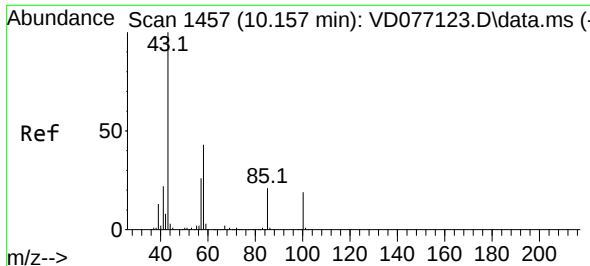
Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Tgt Ion:	98	Resp:	744652
Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.3	75.5





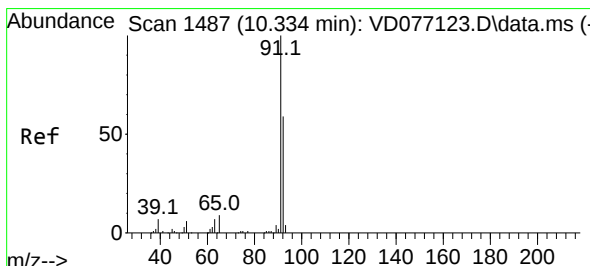
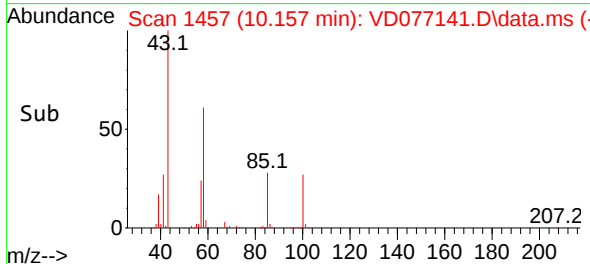
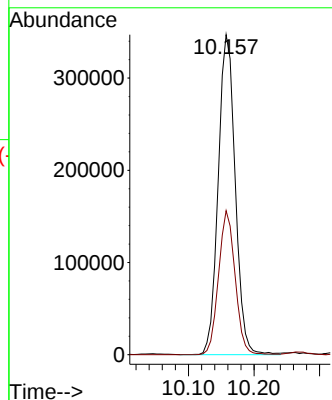
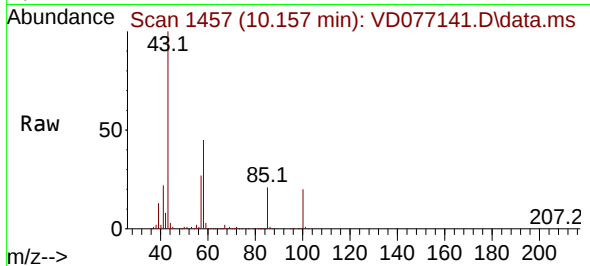
#51
4-Methyl-2-Pentanone
Concen: 268.516 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 62402
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3

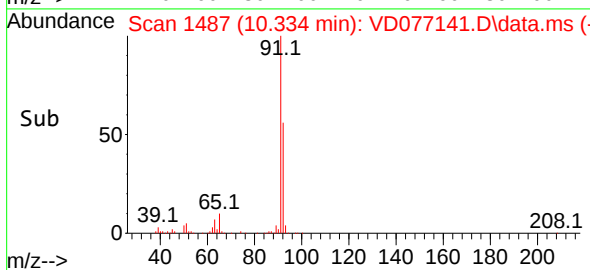
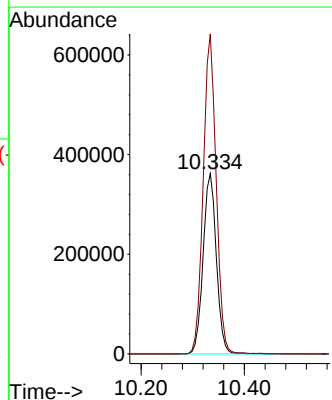
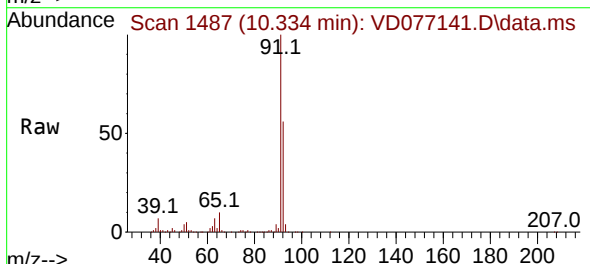
Manual Integrations
APPROVED

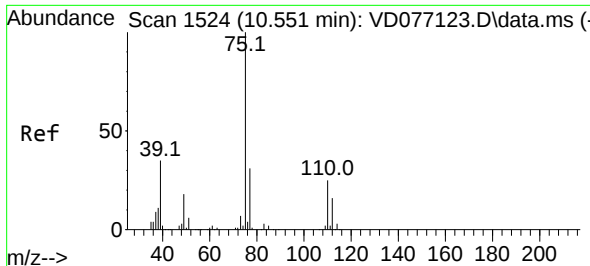
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#52
Toluene
Concen: 51.664 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

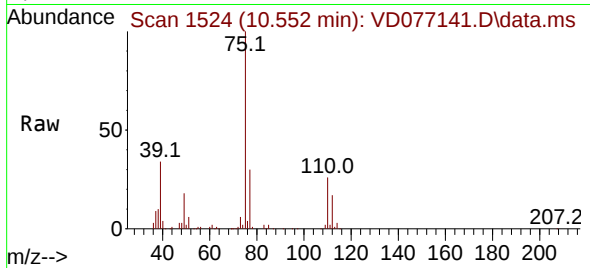
Tgt Ion: 92 Resp: 643266
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 52.136 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

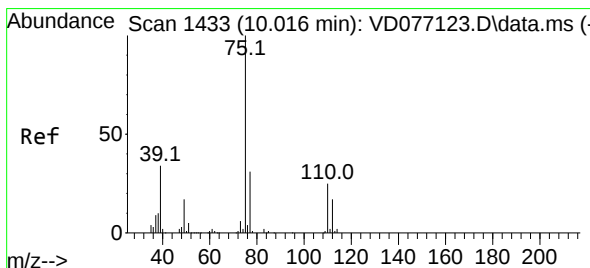
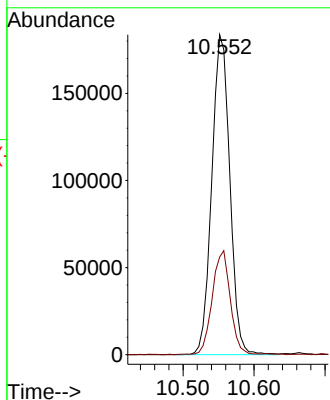
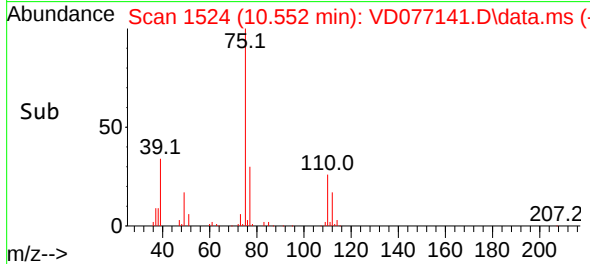
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



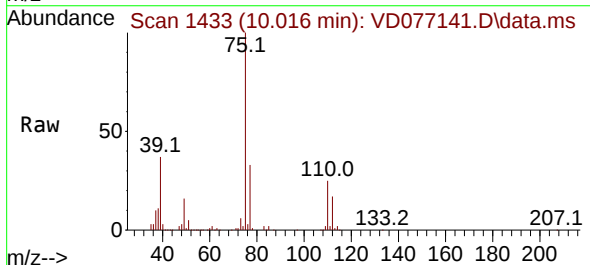
Tgt Ion: 75 Resp: 32333
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9

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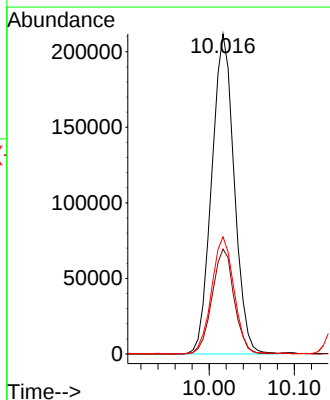
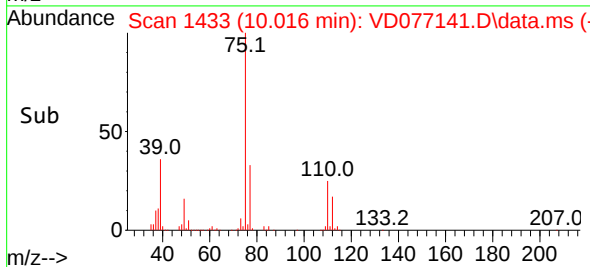
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

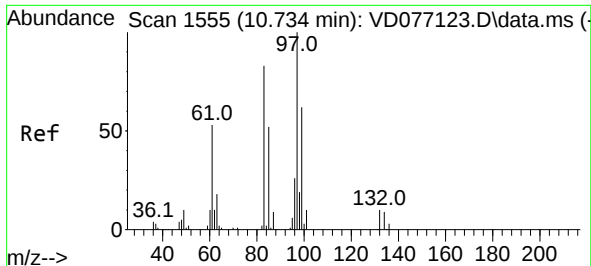


#54
 cis-1,3-Dichloropropene
 Concen: 52.246 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31



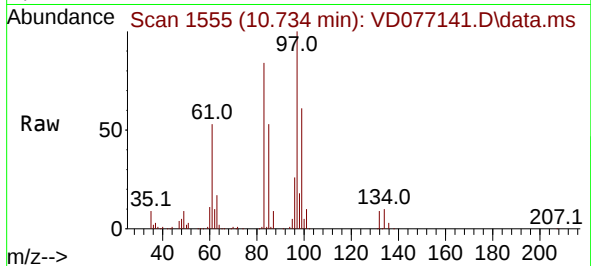
Tgt Ion: 75 Resp: 388203
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 36.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 51.013 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

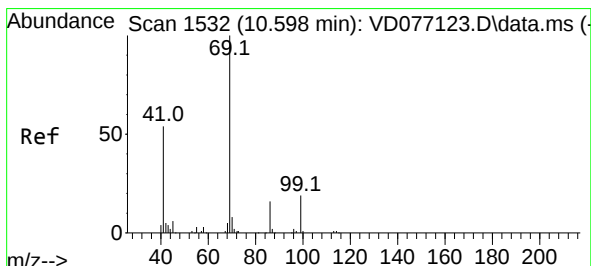
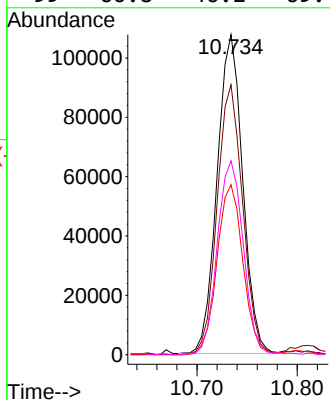
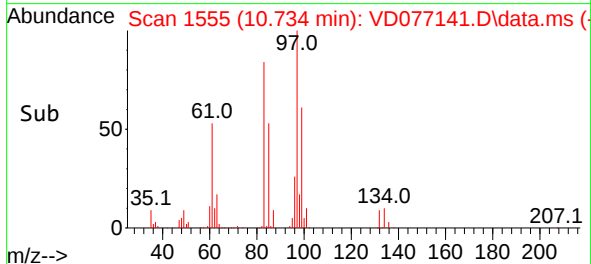
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	19059
Ion Ratio	100	Lower	Upper
97	100		
83	84.6	65.8	98.6
85	53.3	45.7	68.5
99	60.8	46.2	69.4

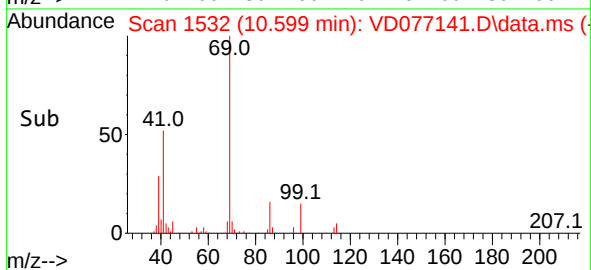
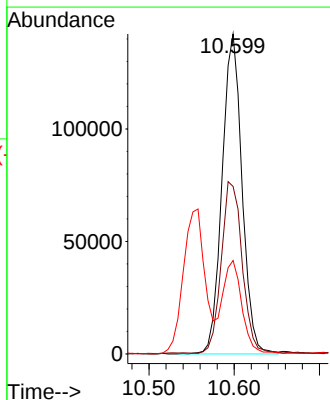
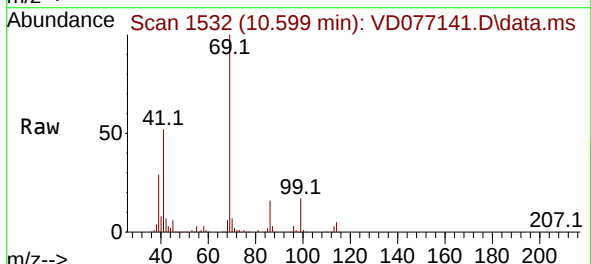
Manual Integrations
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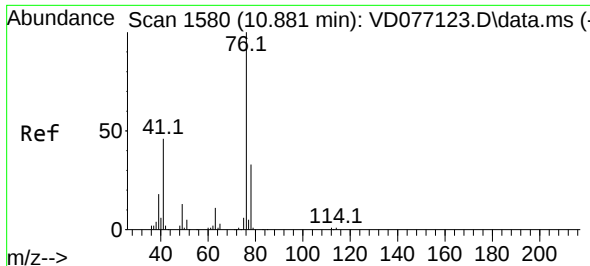
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#56
Ethyl methacrylate
Concen: 57.724 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion:	69	Resp:	231701
Ion Ratio	100	Lower	Upper
69	100		
41	56.4	39.1	58.7
39	28.8	20.0	30.0





#57

1,3-Dichloropropane

Concen: 52.428 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 31710

Ion Ratio Lower Upper

76 100

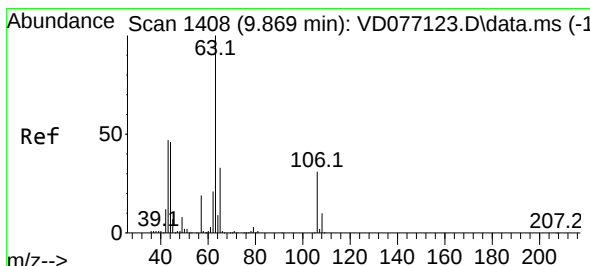
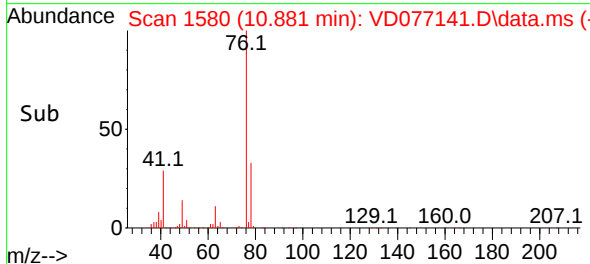
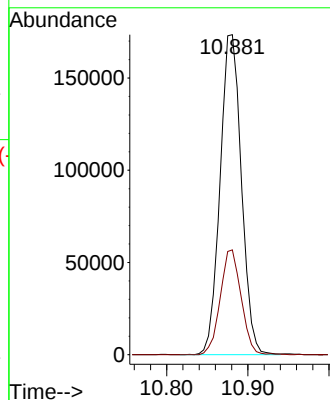
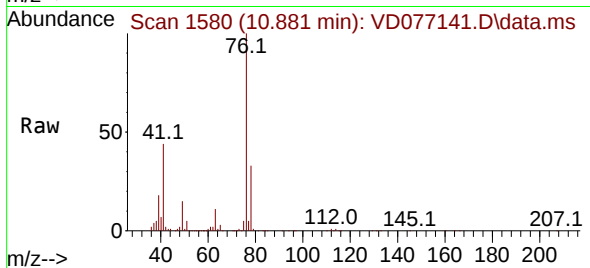
78 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 233.220 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077141.D

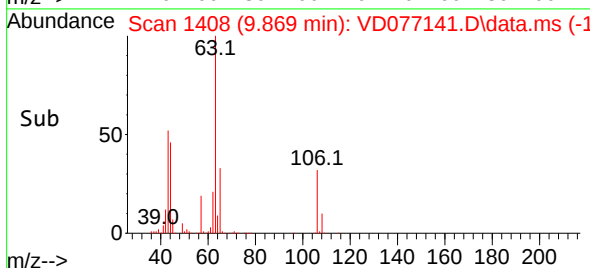
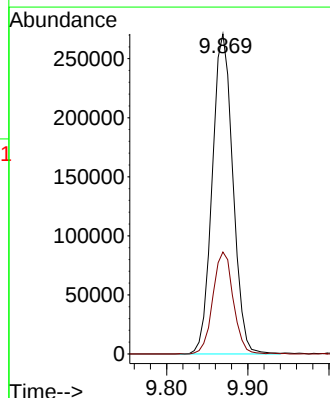
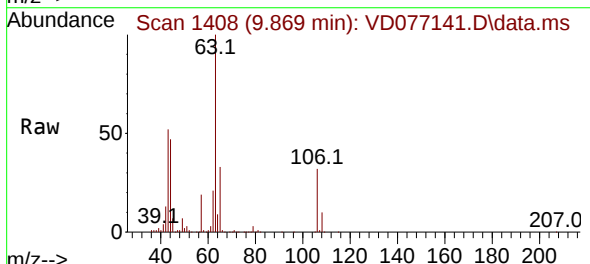
Acq: 18 Sep 2023 20:31

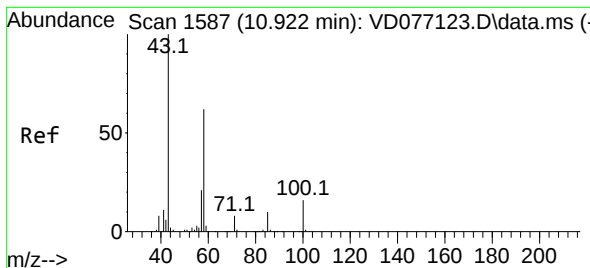
Tgt Ion: 63 Resp: 478971

Ion Ratio Lower Upper

63 100

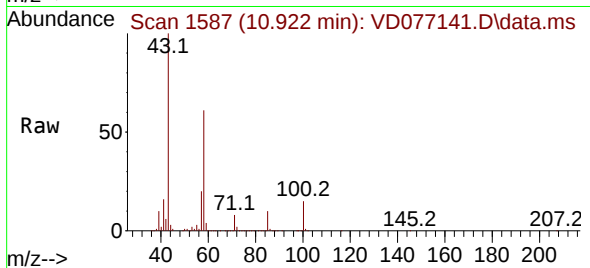
106 31.5 25.3 37.9





#59
2-Hexanone
Concen: 264.953 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

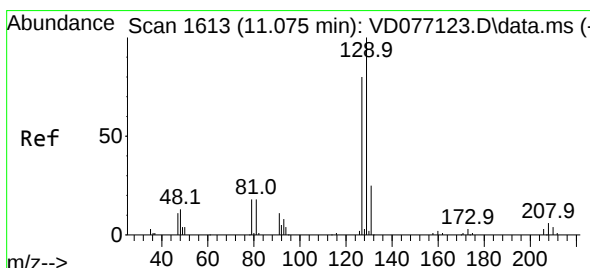
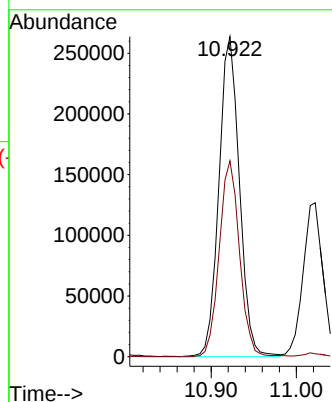
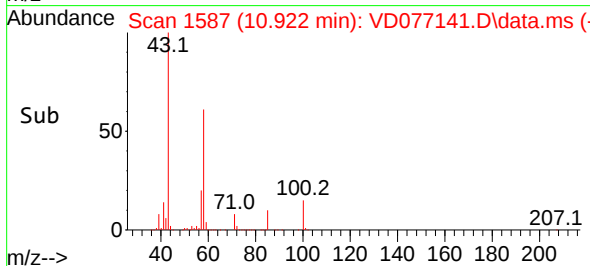
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 44179
Ion Ratio Lower Upper
43 100
58 60.5 34.1 102.2

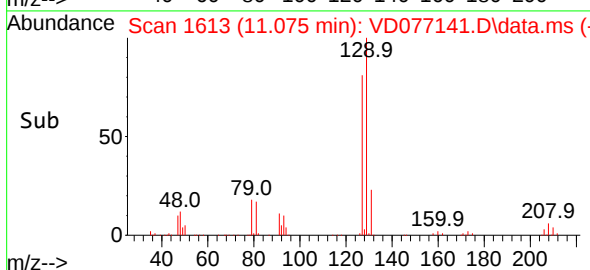
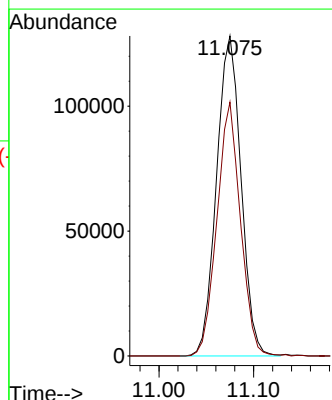
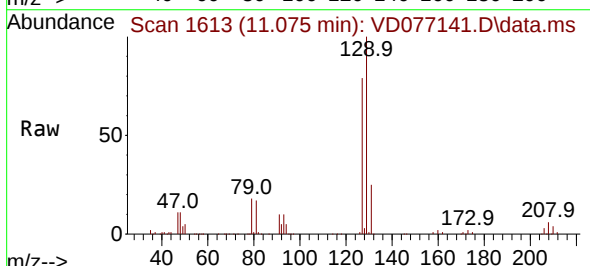
Manual Integrations
APPROVED

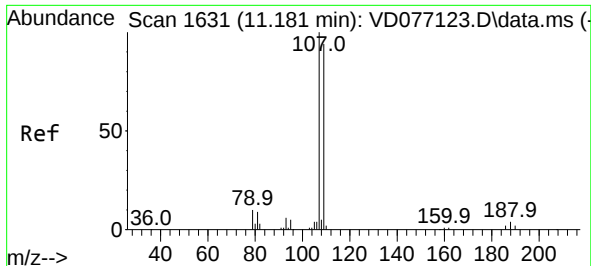
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#60
Dibromochloromethane
Concen: 50.407 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

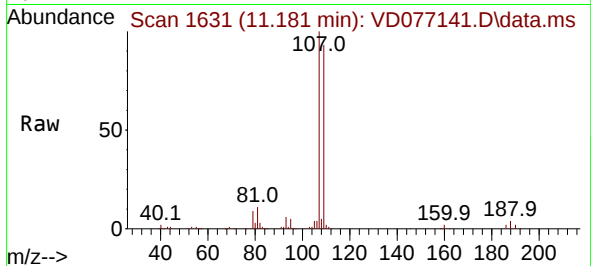
Tgt Ion:129 Resp: 230672
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 50.897 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

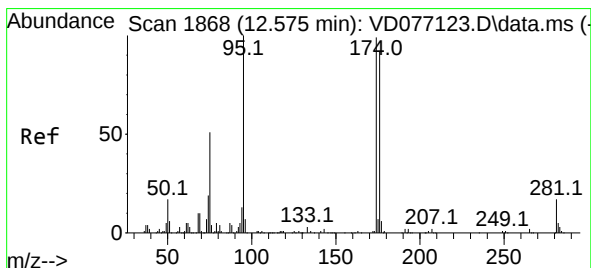
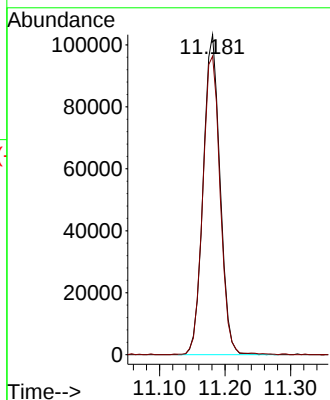
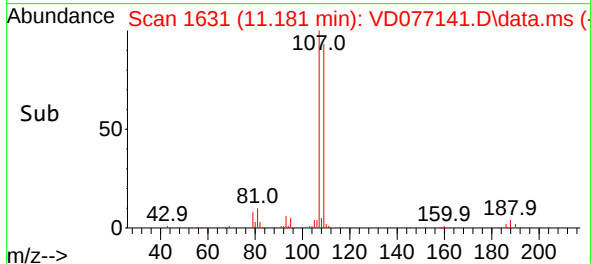
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 18383
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4

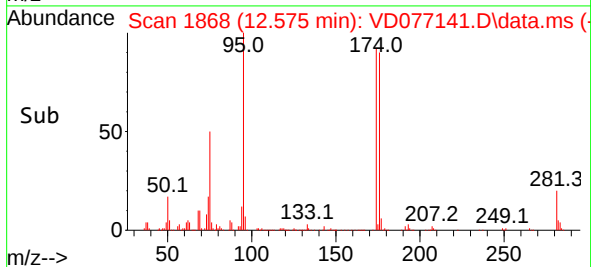
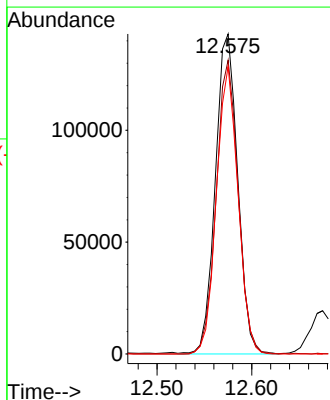
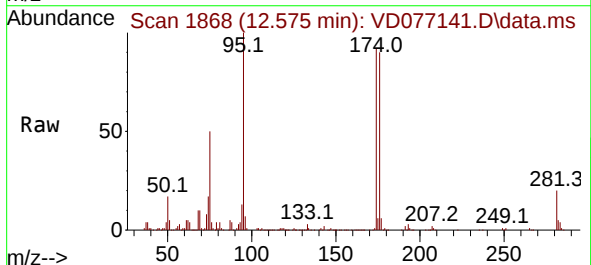
Manual Integrations
APPROVED

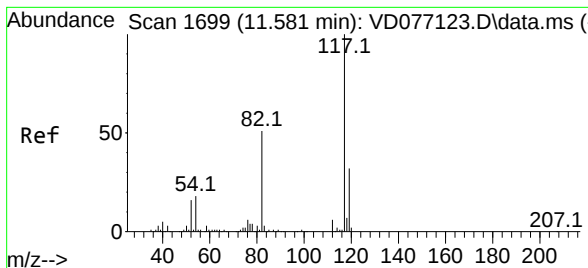
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#62
4-Bromofluorobenzene
Concen: 50.811 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

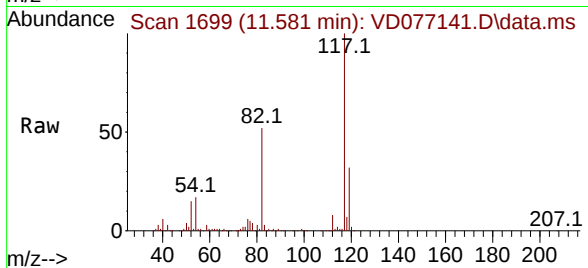
Tgt Ion: 95 Resp: 234147
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 86.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

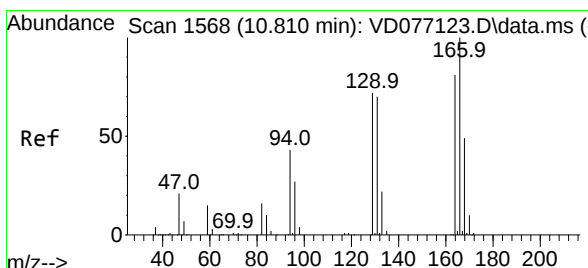
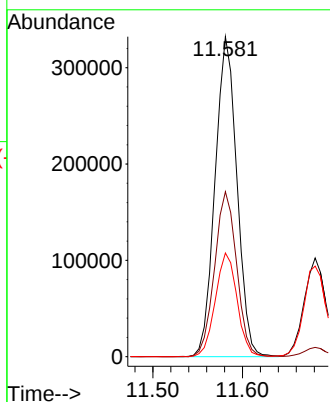
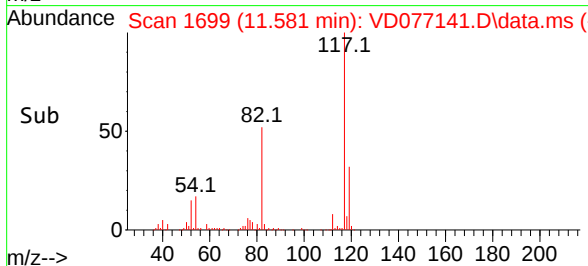
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 561290
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 32.4 25.0 37.4

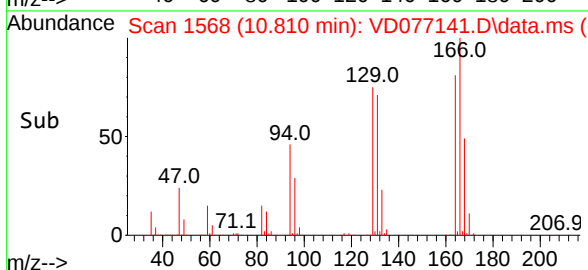
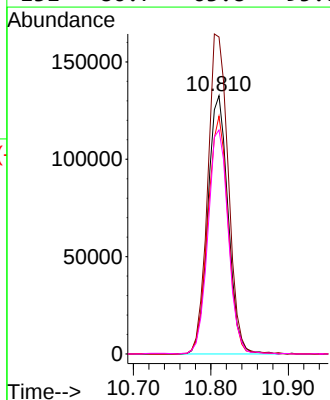
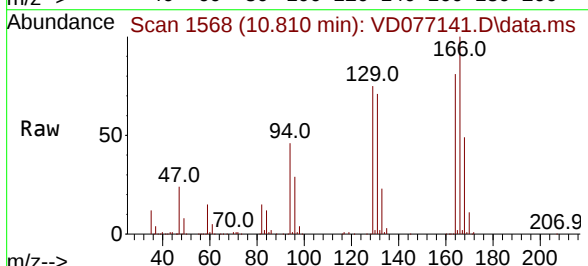
Manual Integrations
APPROVED

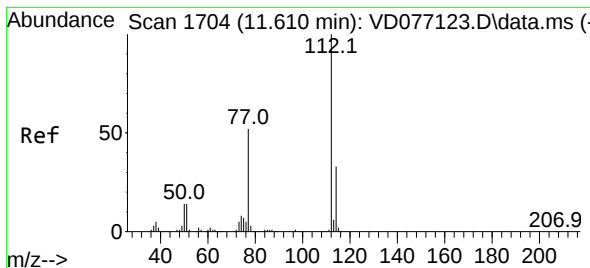
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#64
Tetrachloroethene
Concen: 55.109 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

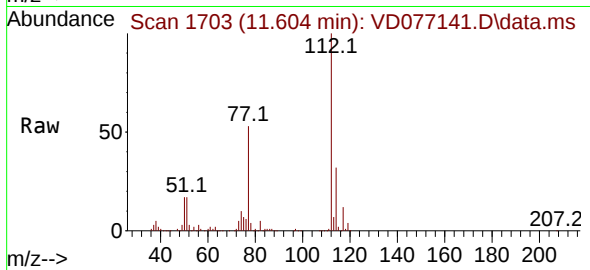
Tgt Ion:164 Resp: 240667
Ion Ratio Lower Upper
164 100
166 122.7 99.2 148.8
129 92.1 68.4 102.6
131 86.7 63.8 95.8





#65
Chlorobenzene
Concen: 52.210 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

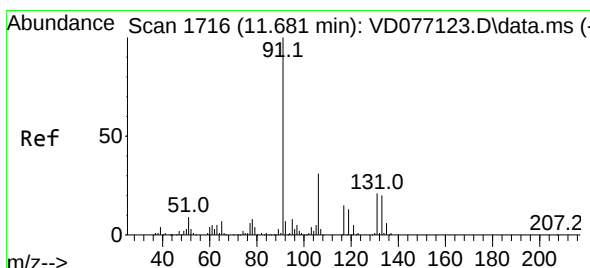
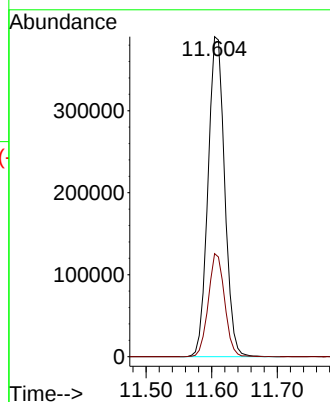
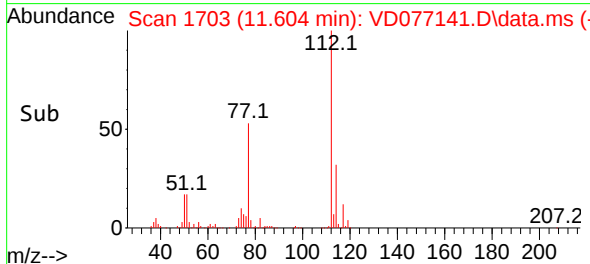
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



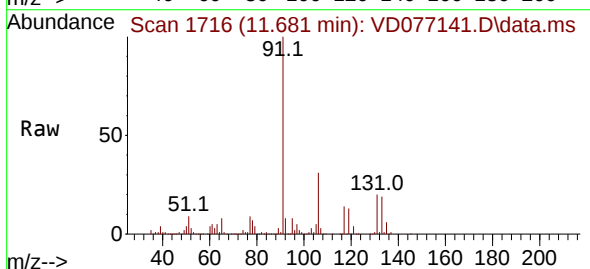
Tgt Ion:112 Resp: 689384
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

Manual Integrations
APPROVED

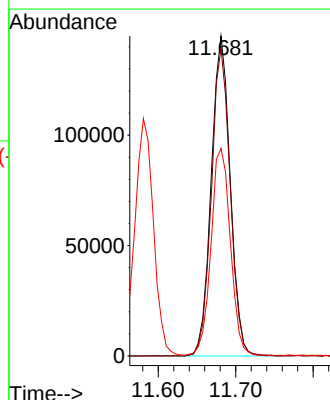
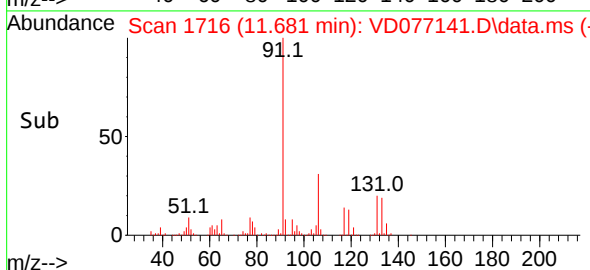
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

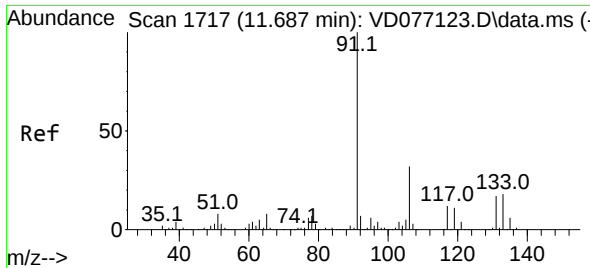


#66
1,1,1,2-Tetrachloroethane
Concen: 51.071 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



Tgt Ion:131 Resp: 246710
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 66.5 35.6 106.9





#67

Ethyl Benzene

Concen: 53.282 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 120929

Ion Ratio Lower Upper

91 100

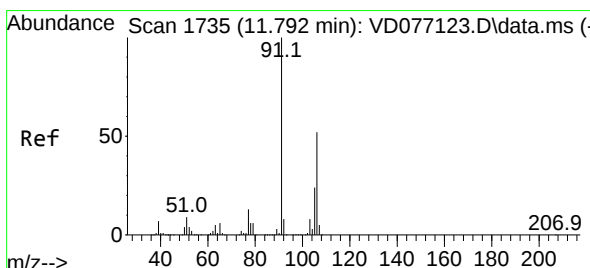
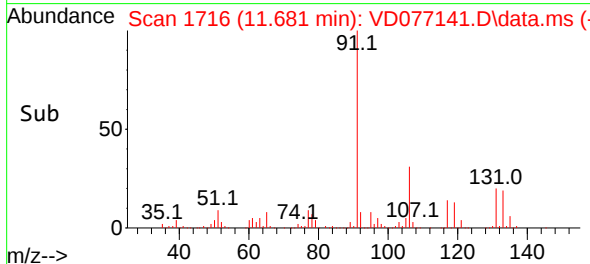
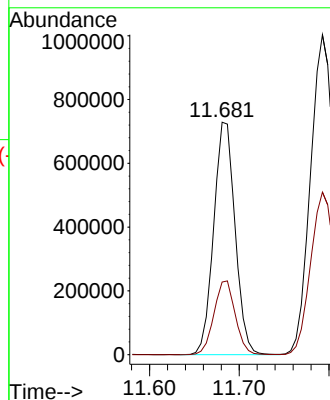
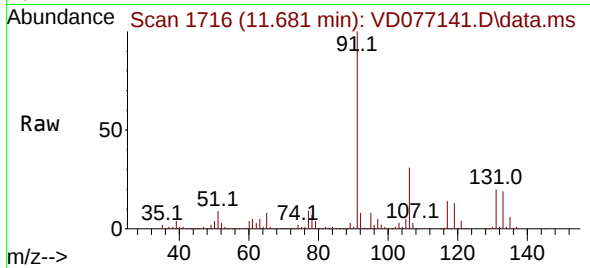
106 31.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#68

m/p-Xylenes

Concen: 105.701 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077141.D

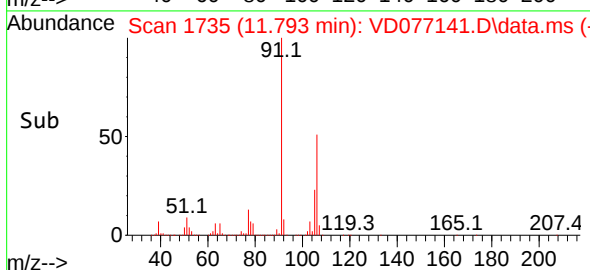
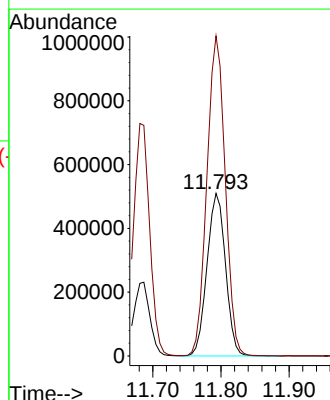
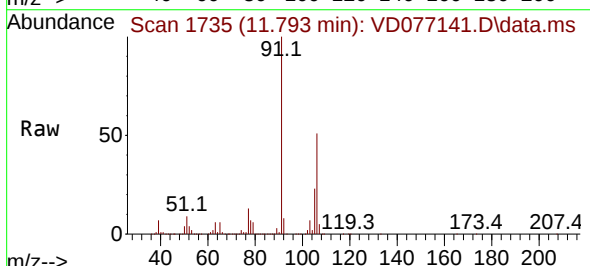
Acq: 18 Sep 2023 20:31

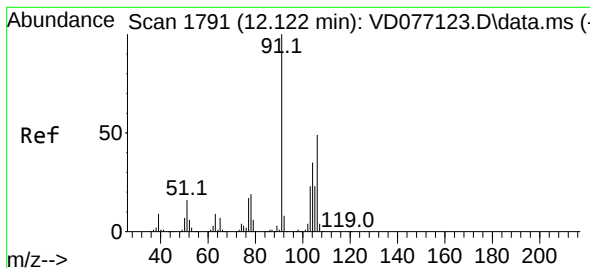
Tgt Ion:106 Resp: 960533

Ion Ratio Lower Upper

106 100

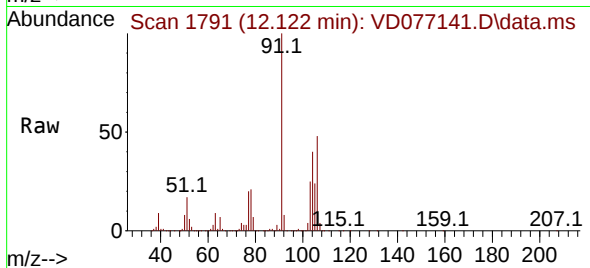
91 195.3 147.0 220.6





#69
o-Xylene
Concen: 53.653 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

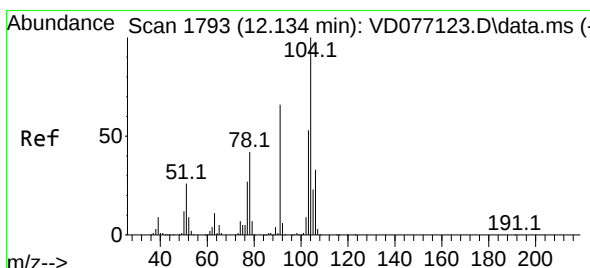
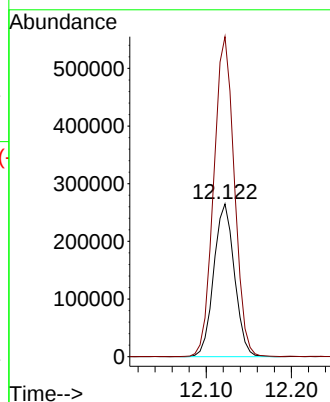
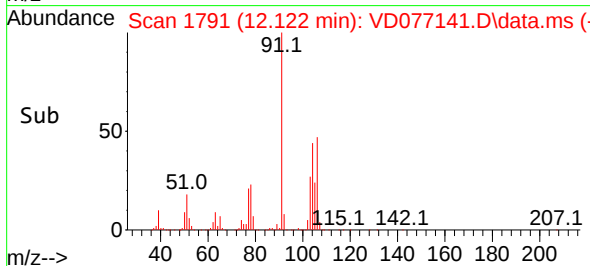
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



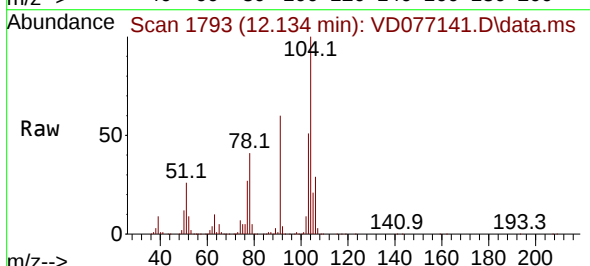
Tgt Ion:106 Resp: 44750
Ion Ratio Lower Upper
106 100
91 209.4 97.9 293.6

Manual Integrations
APPROVED

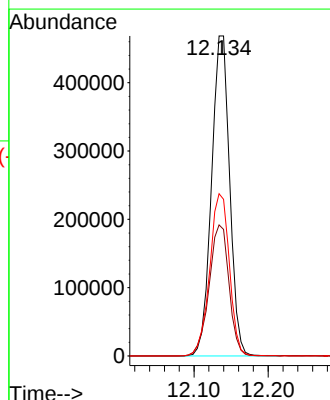
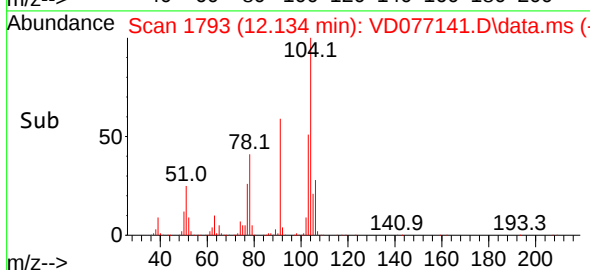
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

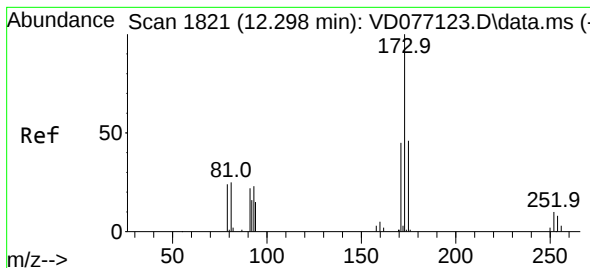


#70
Styrene
Concen: 56.103 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



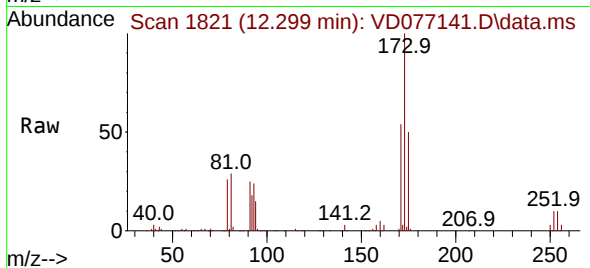
Tgt Ion:104 Resp: 797225
Ion Ratio Lower Upper
104 100
78 44.9 33.2 49.8
103 55.0 43.6 65.4





#71
Bromoform
Concen: 51.055 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

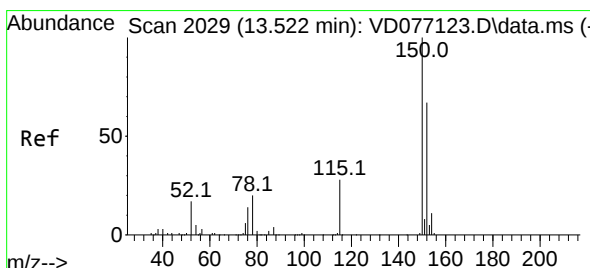
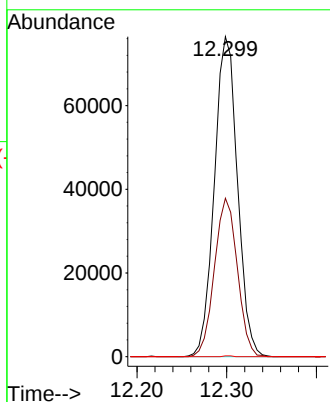
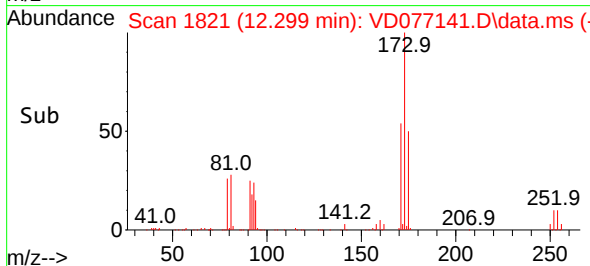
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



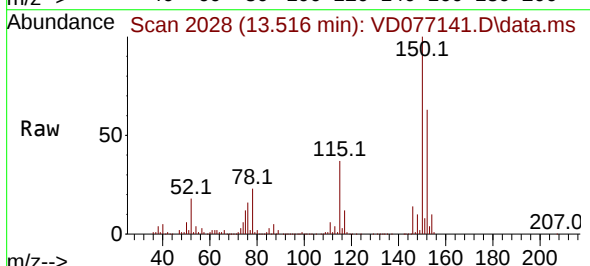
Tgt Ion:173 Resp: 136711
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

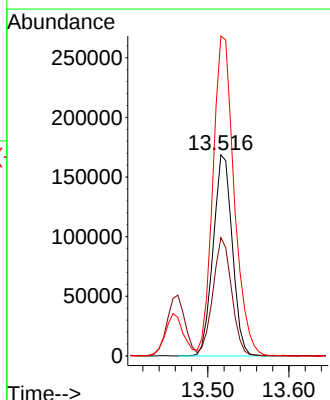
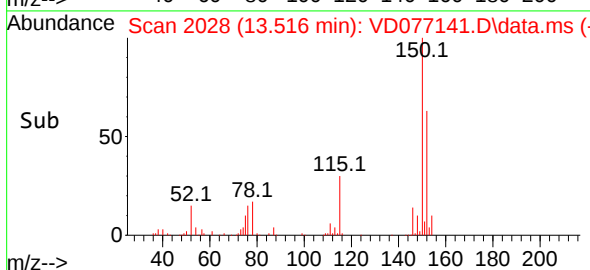
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

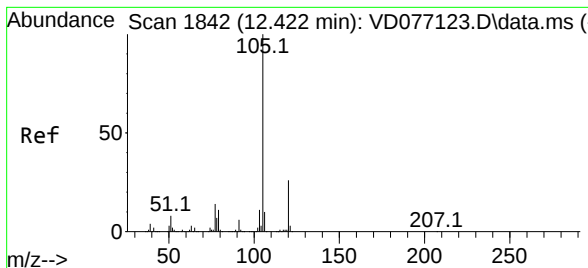


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



Tgt Ion:152 Resp: 276119
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 176.8 0.0 353.6





#73

Isopropylbenzene

Concen: 56.870 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077141.D

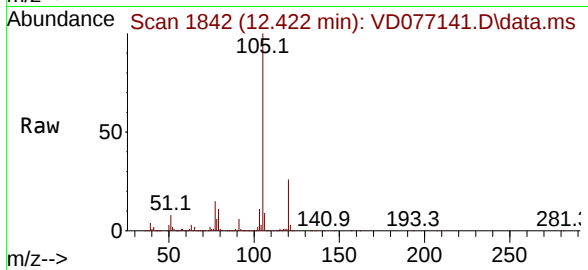
Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:105 Resp: 1160298

Ion Ratio Lower Upper

105 100

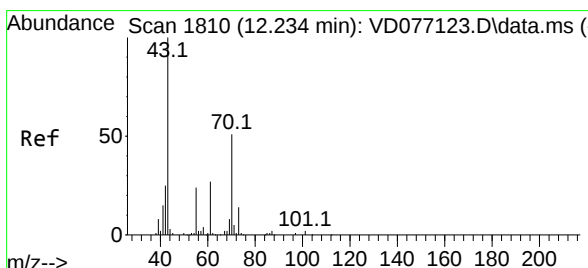
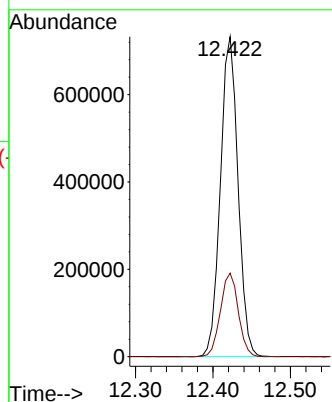
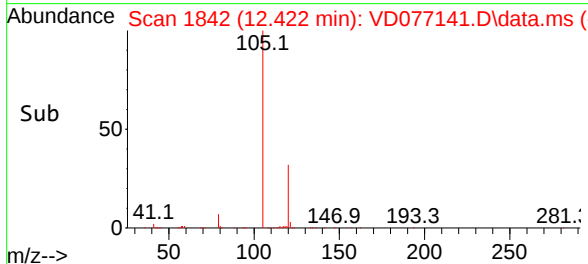
120 26.5 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#74

N-ethyl acetate

Concen: 58.690 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Tgt Ion: 43 Resp: 224929

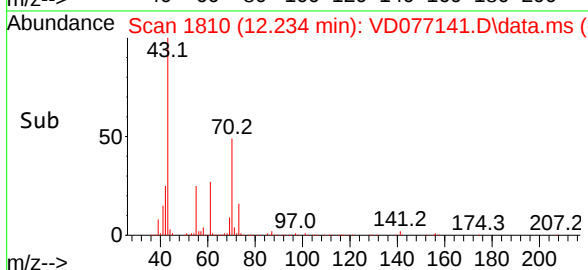
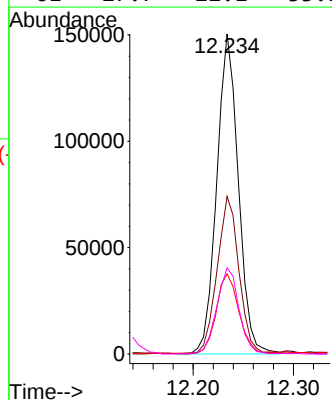
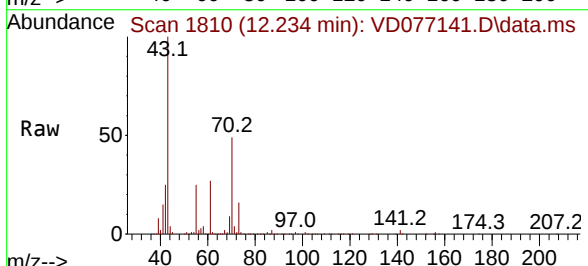
Ion Ratio Lower Upper

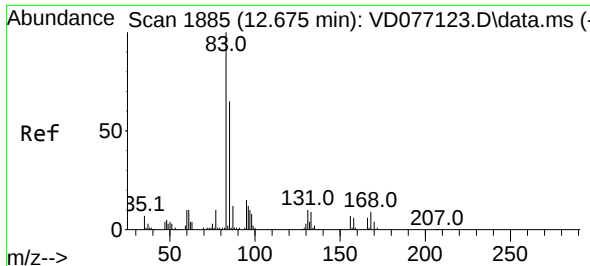
43 100

70 49.9 45.0 67.4

55 25.9 23.8 35.6

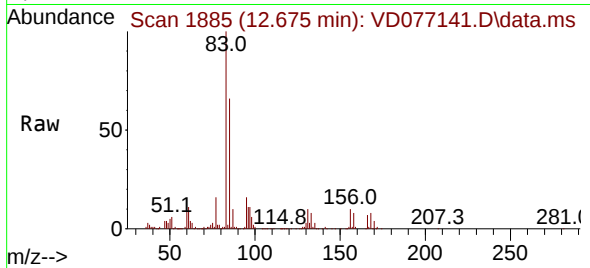
61 27.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 53.848 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

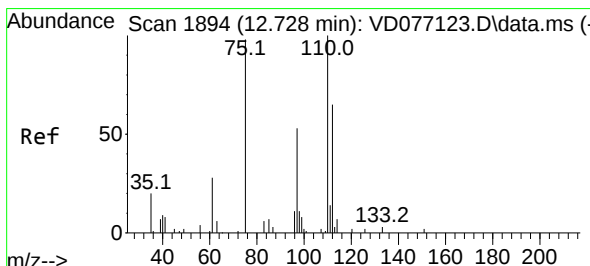
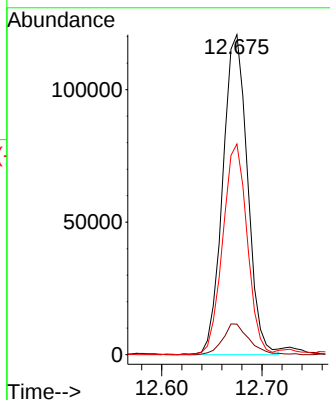
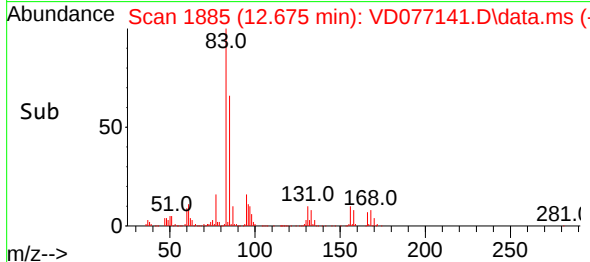
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



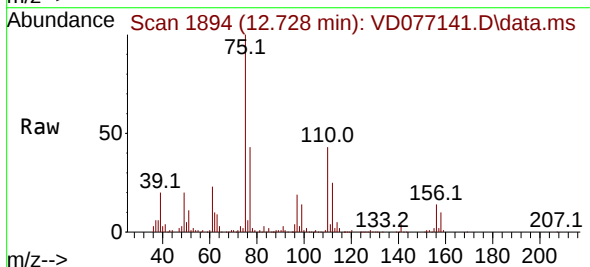
Tgt Ion: 83 Resp: 207328
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.9 32.6 97.8

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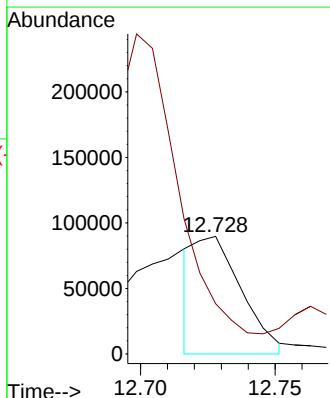
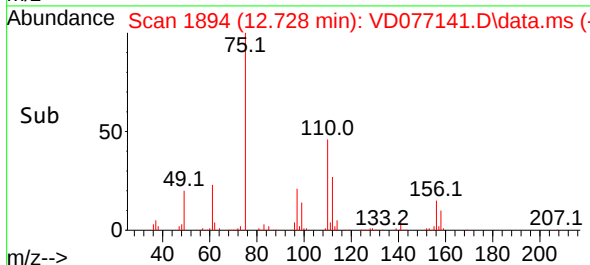
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

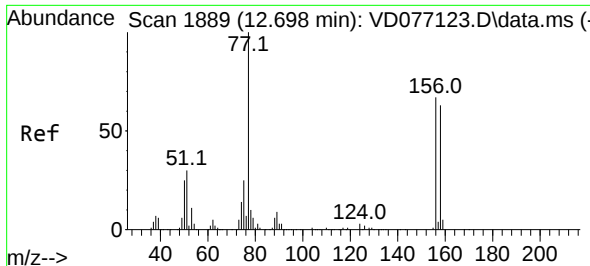


#76
1,2,3-Trichloropropane
Concen: 49.478 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



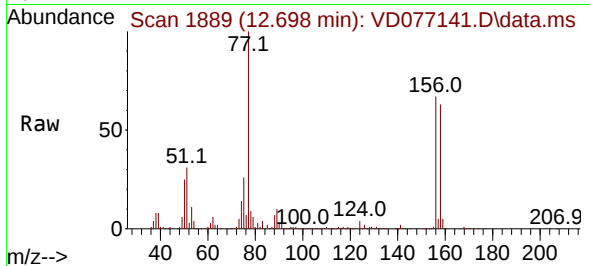
Tgt Ion: 75 Resp: 108977
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 57.630 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

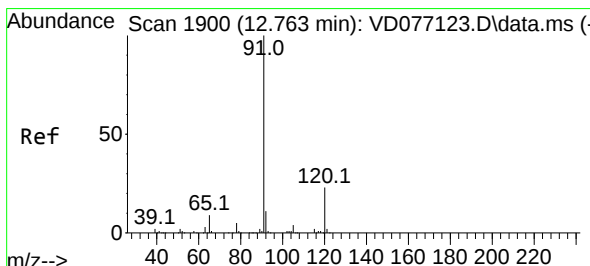
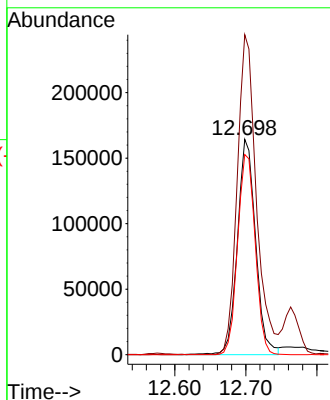
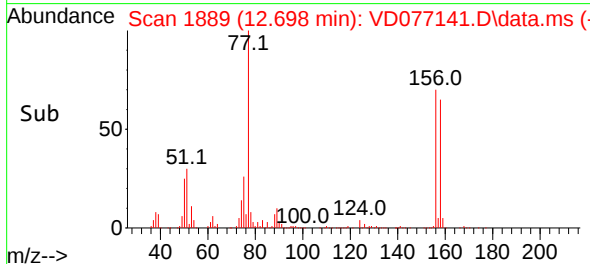
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 29277
Ion Ratio Lower Upper
156 100
77 156.6 76.8 230.4
158 89.9 48.6 145.9

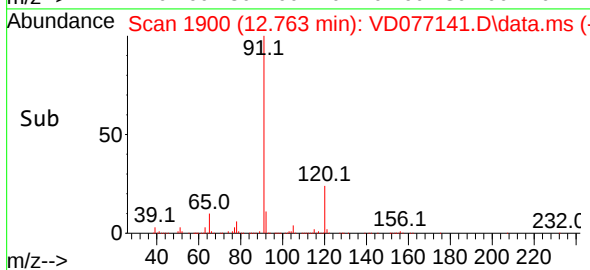
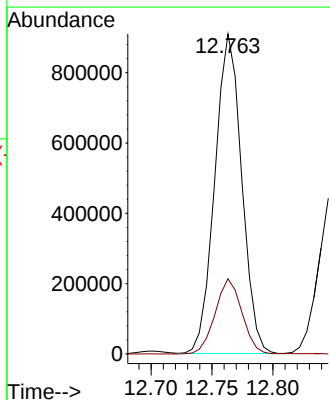
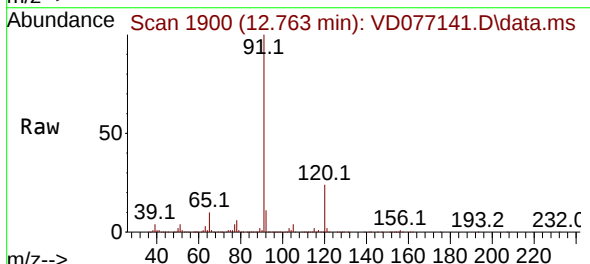
Manual Integrations
APPROVED

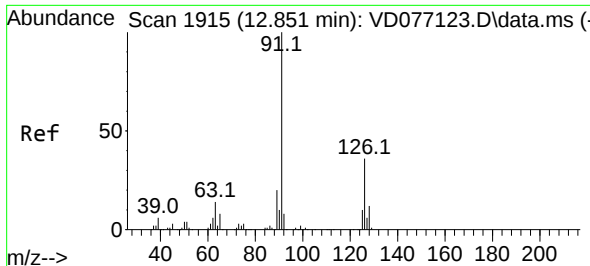
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#78
n-propylbenzene
Concen: 55.923 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 91 Resp: 1394633
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2





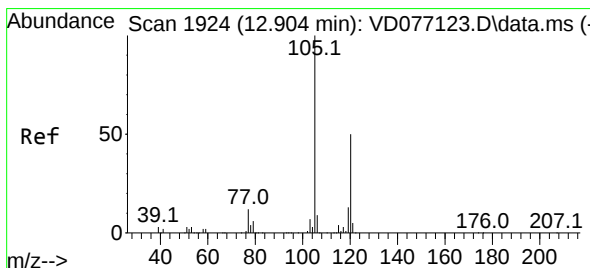
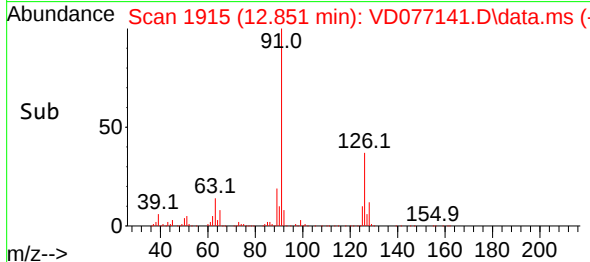
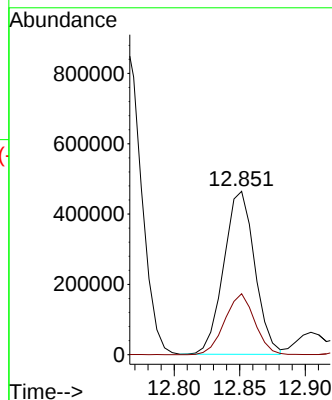
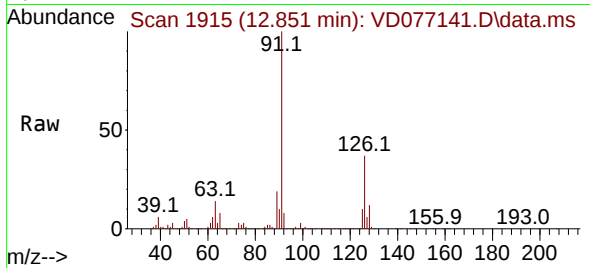
#79
2-Chlorotoluene
Concen: 55.564 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 764128
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1

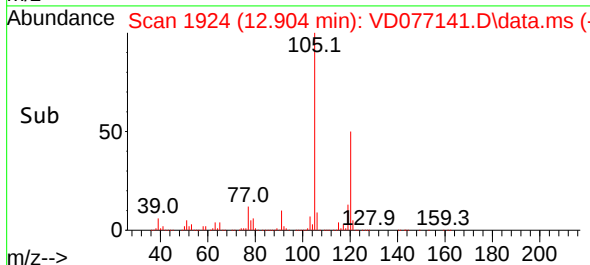
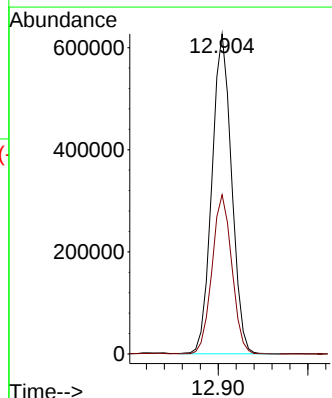
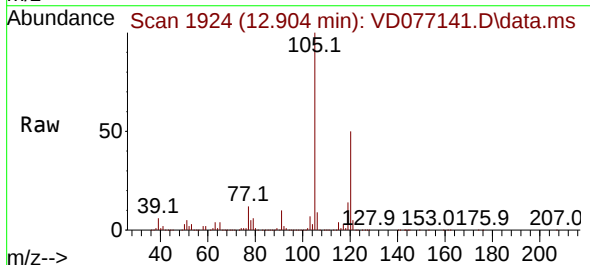
Manual Integrations
APPROVED

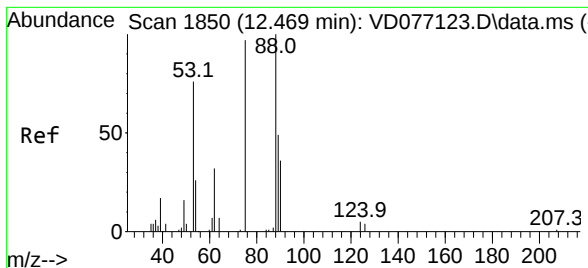
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.003 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

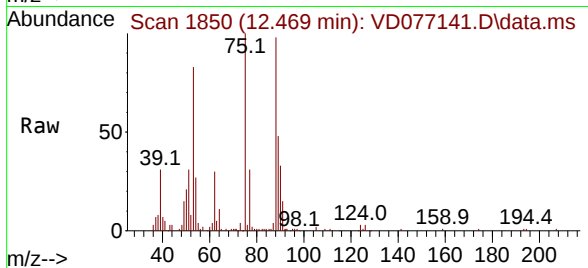
Tgt Ion:105 Resp: 954251
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 56.651 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

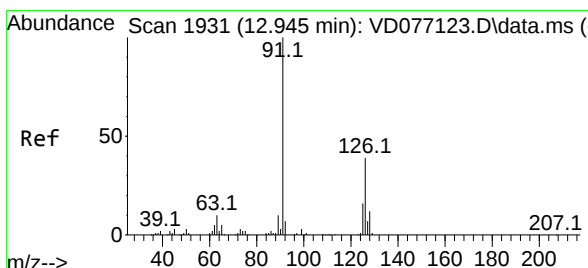
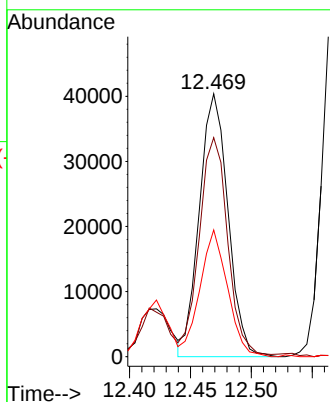
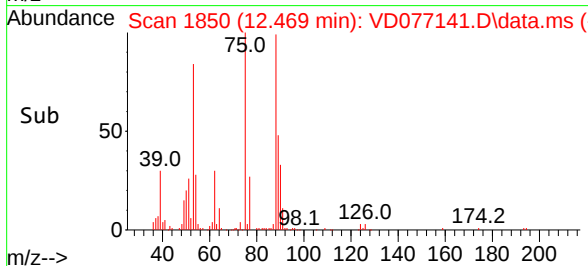
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6592
Ion Ratio Lower Upper
75 100
53 81.6 63.0 94.4
89 46.8 37.9 56.9

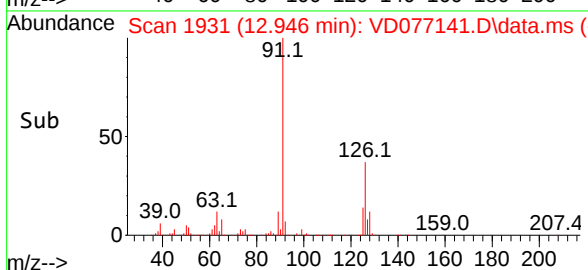
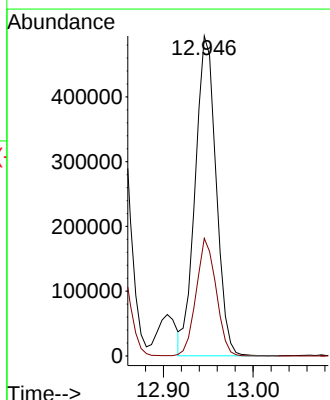
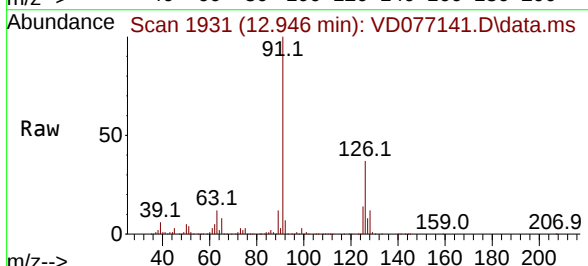
Manual Integrations
APPROVED

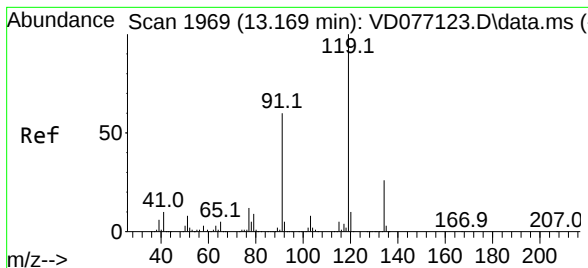
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#82
4-Chlorotoluene
Concen: 55.187 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

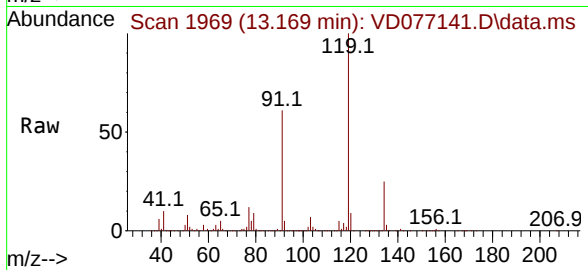
Tgt Ion: 91 Resp: 797648
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 56.286 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

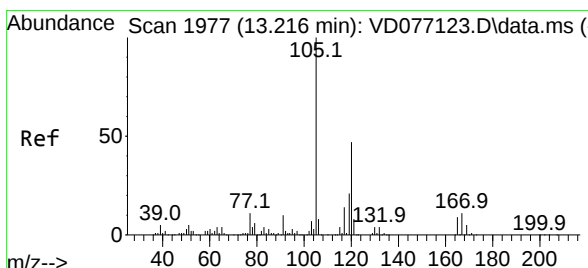
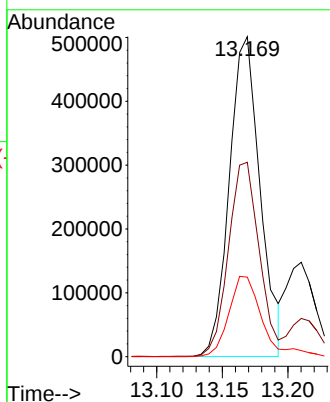
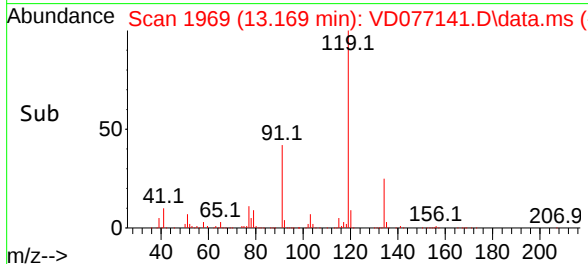
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



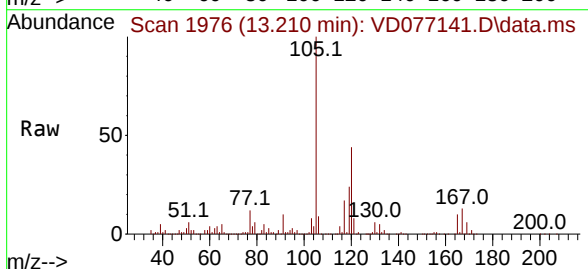
Tgt Ion:119 Resp: 81937
Ion Ratio Lower Upper
119 100
91 60.7 29.3 87.8
134 27.1 14.1 42.3

Manual Integrations
APPROVED

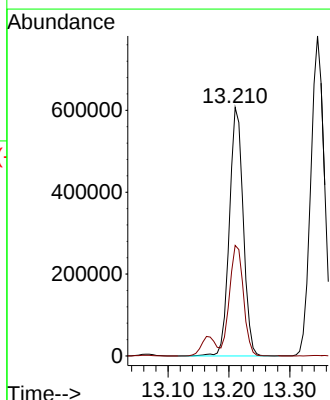
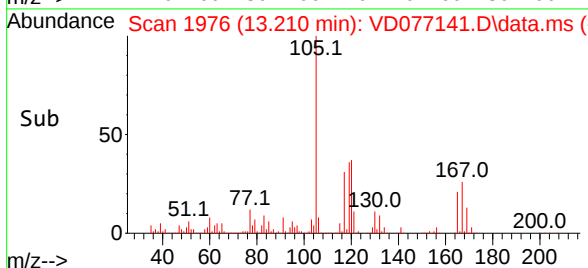
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

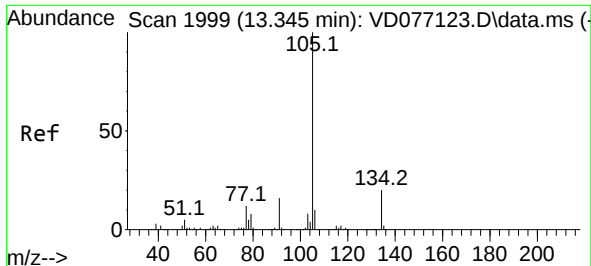


#84
1,2,4-Trimethylbenzene
Concen: 55.460 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



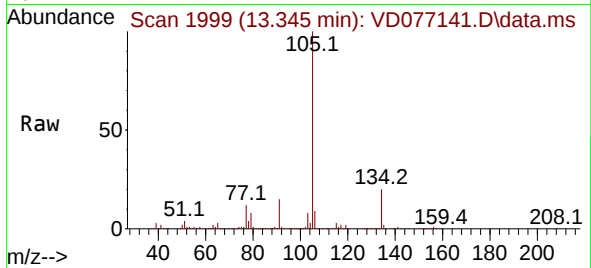
Tgt Ion:105 Resp: 958228
Ion Ratio Lower Upper
105 100
120 44.7 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 55.528 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

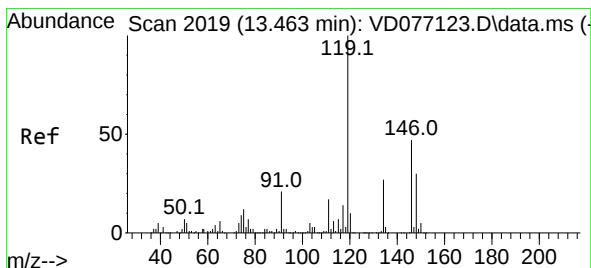
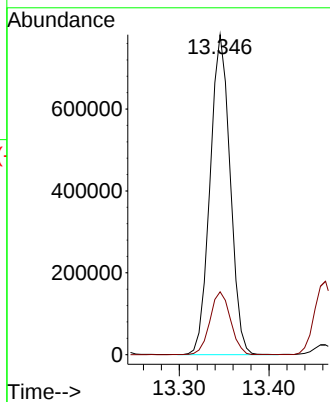
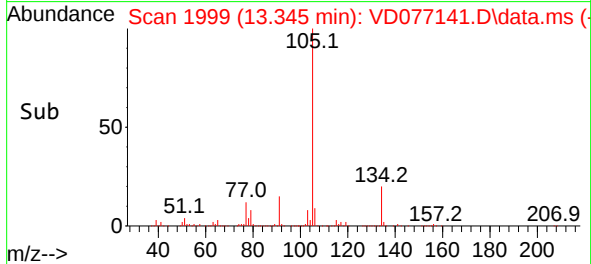
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 121299
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

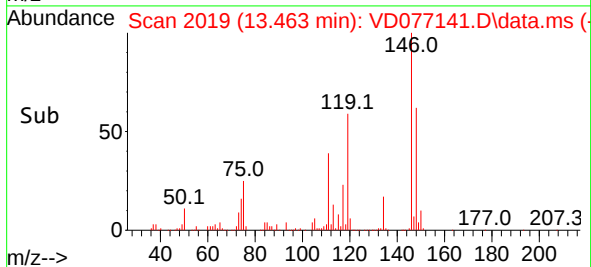
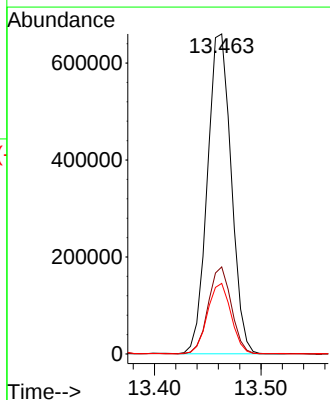
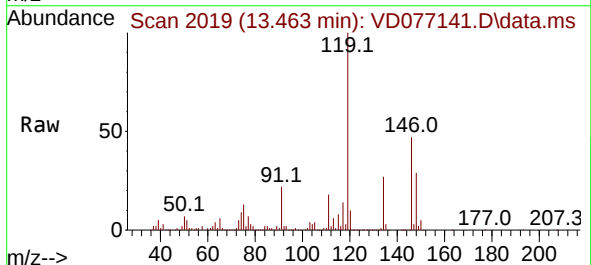
Manual Integrations
 APPROVED

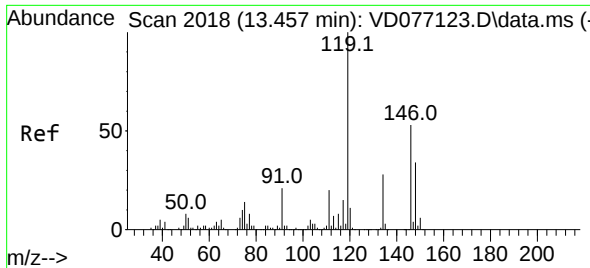
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#86
 p-Isopropyltoluene
 Concen: 55.231 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

Tgt Ion:119 Resp: 1023512
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 21.9 10.5 31.5





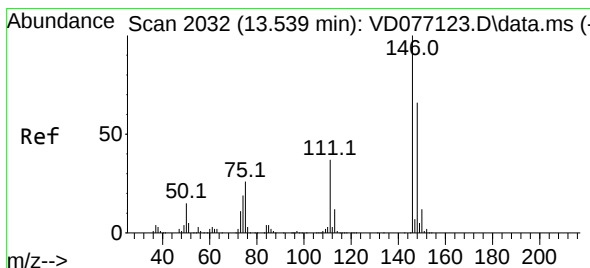
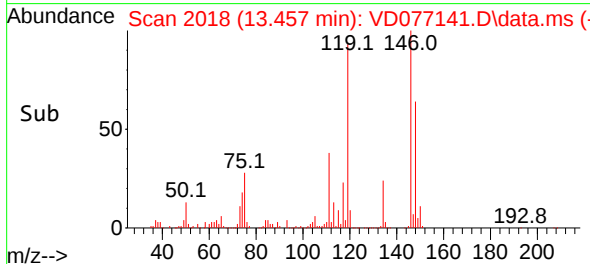
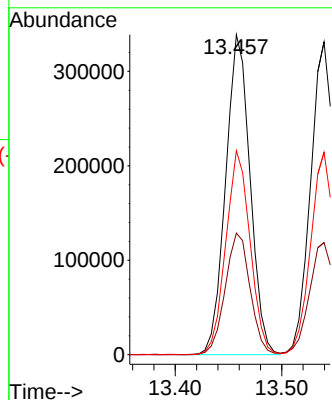
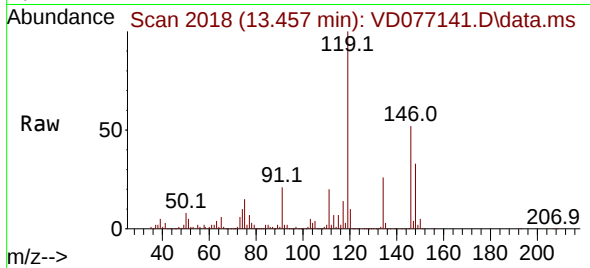
#87
1,3-Dichlorobenzene
Concen: 51.747 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 54064
Ion Ratio Lower Upper
146 100
111 38.7 17.9 53.8
148 63.5 32.3 96.8

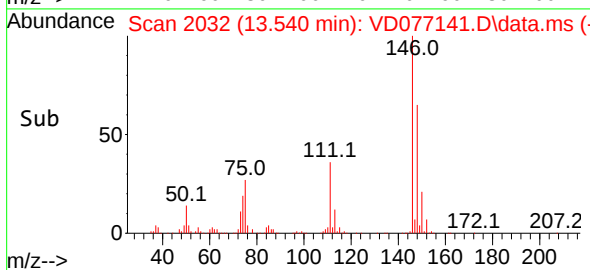
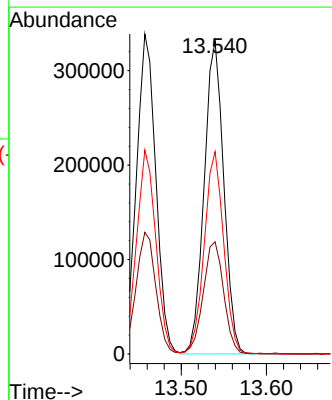
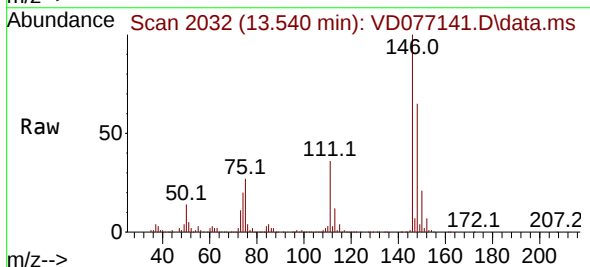
Manual Integrations
APPROVED

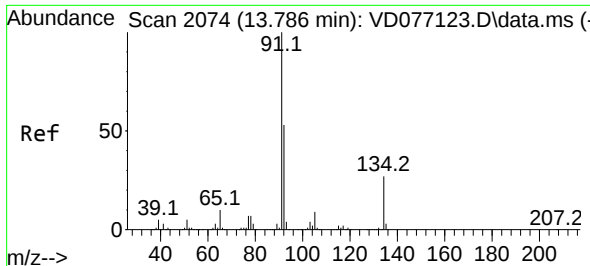
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#88
1,4-Dichlorobenzene
Concen: 51.475 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion:146 Resp: 529131
Ion Ratio Lower Upper
146 100
111 37.3 17.4 52.3
148 64.4 31.7 95.1





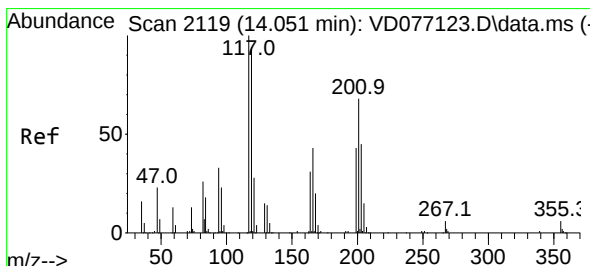
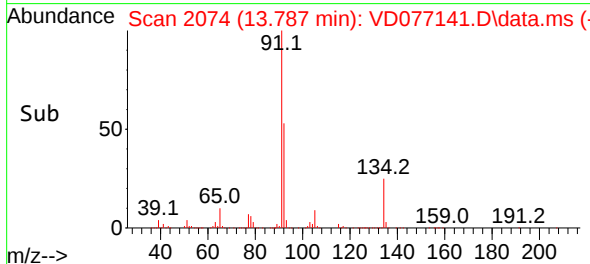
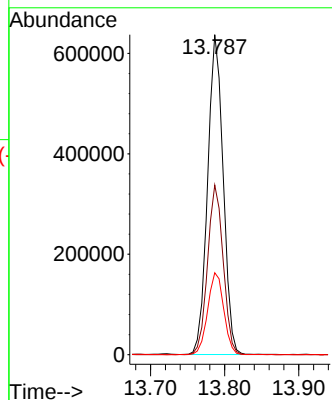
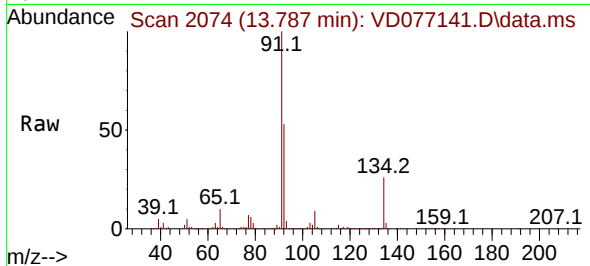
#89
n-Butylbenzene
Concen: 54.385 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 929728
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 26.5 13.8 41.3

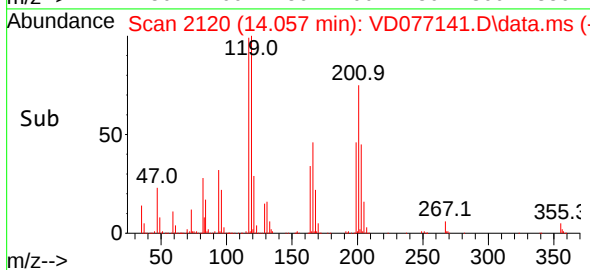
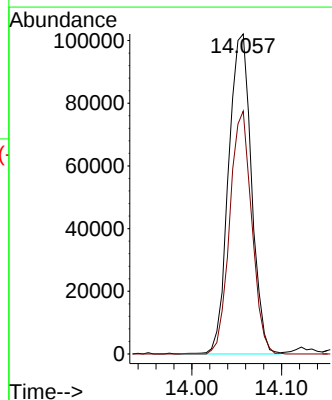
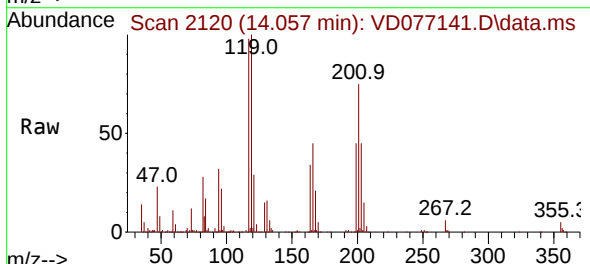
Manual Integrations
APPROVED

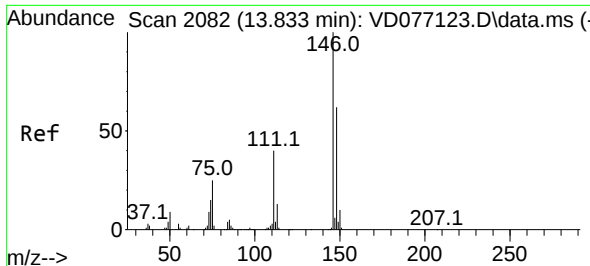
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#90
Hexachloroethane
Concen: 49.226 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

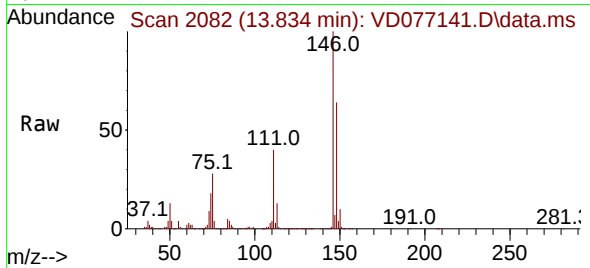
Tgt Ion:117 Resp: 180916
Ion Ratio Lower Upper
117 100
201 72.7 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 52.112 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

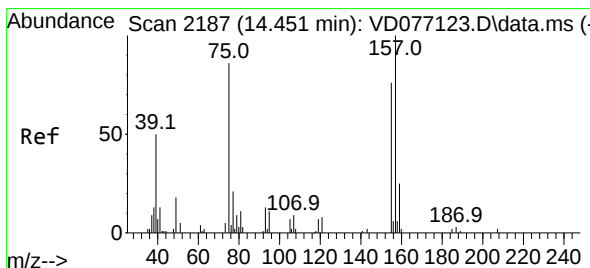
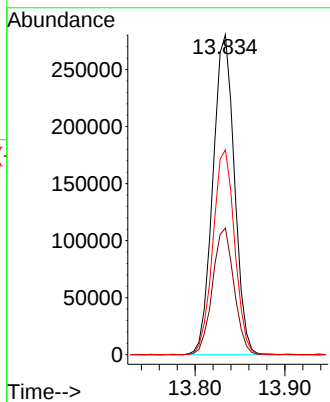
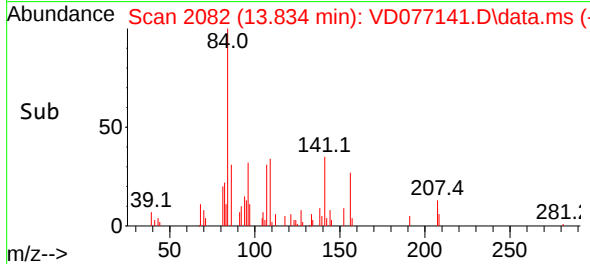
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 466810
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 64.8 31.6 94.7

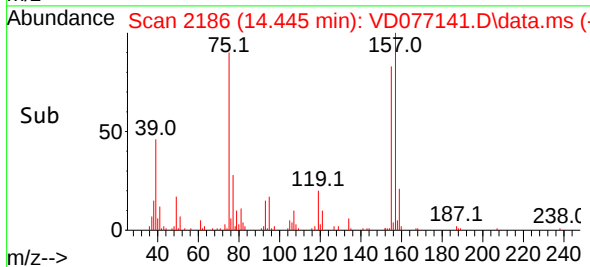
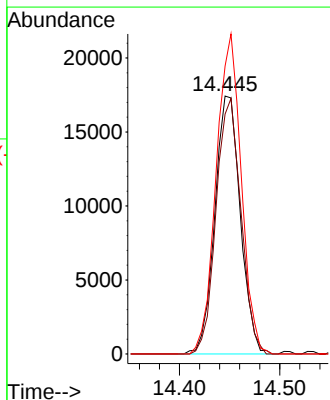
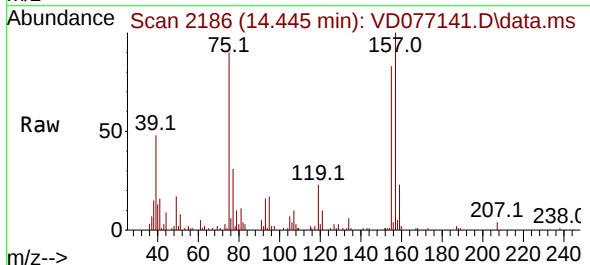
Manual Integrations
APPROVED

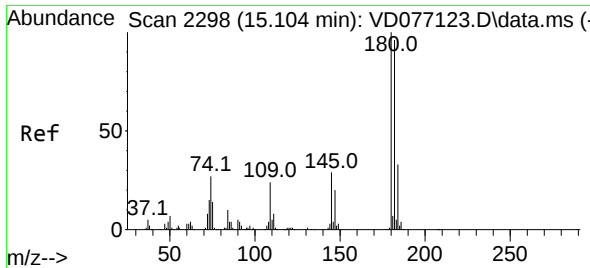
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.752 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

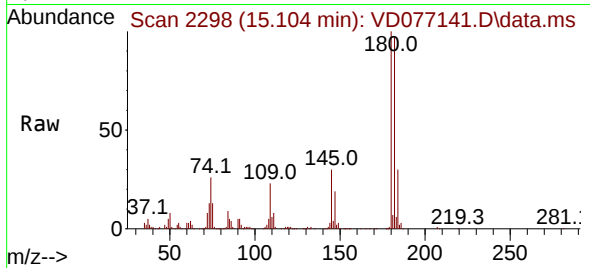
Tgt Ion: 75 Resp: 30719
Ion Ratio Lower Upper
75 100
155 96.4 47.9 143.8
157 121.7 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 55.010 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

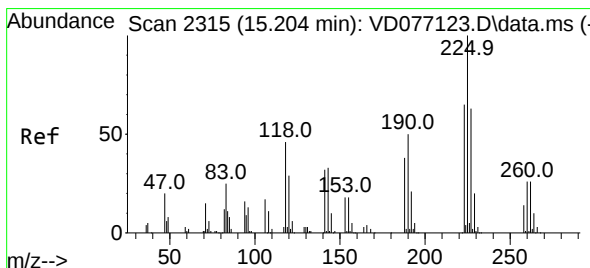
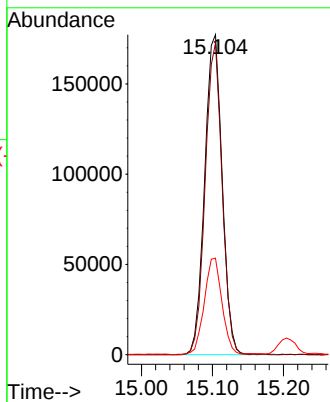
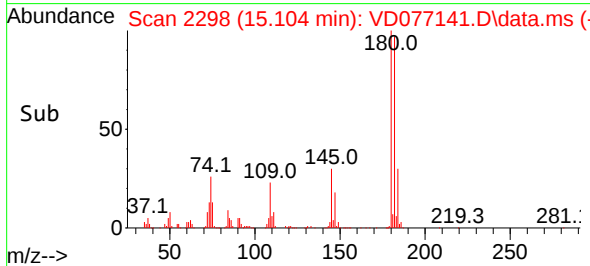
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



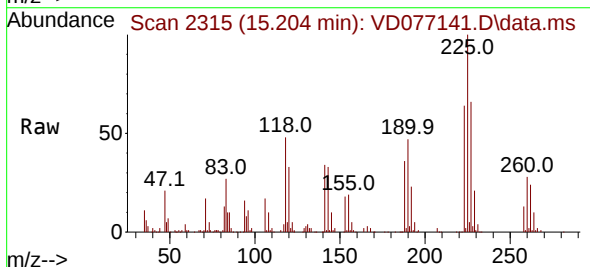
Tgt Ion:180 Resp: 304015
Ion Ratio Lower Upper
180 100
182 94.2 48.5 145.6
145 30.7 14.2 42.6

Manual Integrations
APPROVED

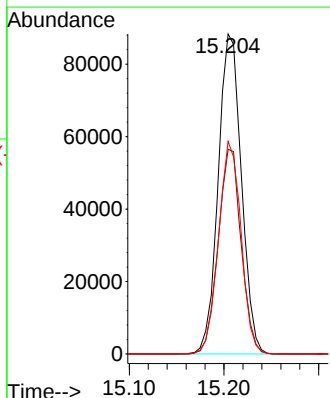
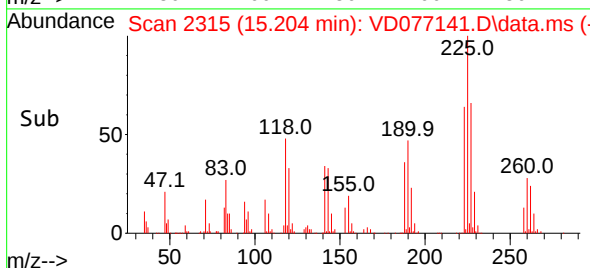
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

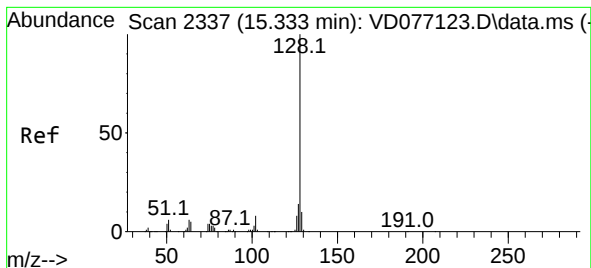


#94
Hexachlorobutadiene
Concen: 51.337 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



Tgt Ion:225 Resp: 150347
Ion Ratio Lower Upper
225 100
223 63.4 31.6 94.8
227 64.3 31.7 95.1





#95

Naphthalene

Concen: 58.683 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

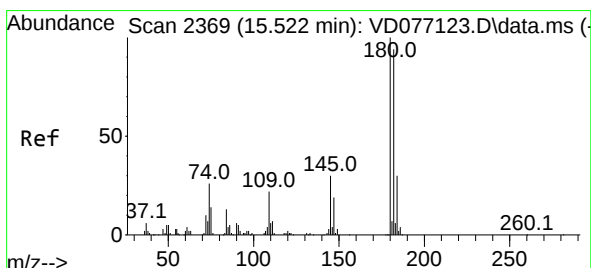
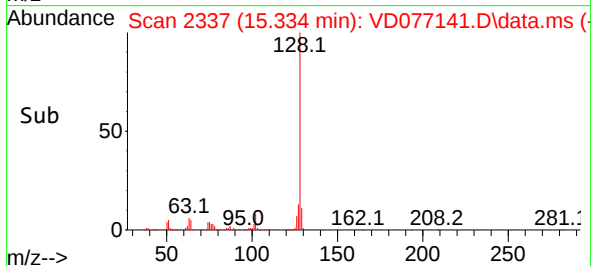
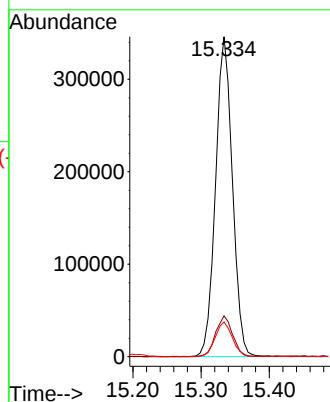
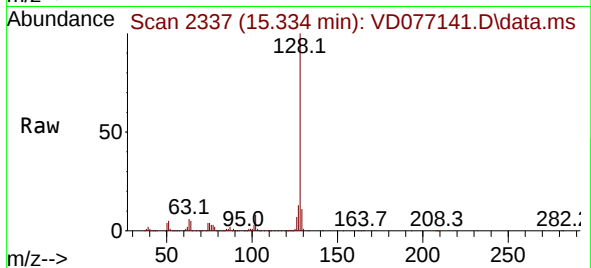
VSTDCCC050EC

Tgt Ion:128	Resp: 594699
Ion Ratio	Lower Upper
128 100	
127 12.7	10.5 15.7
129 10.8	8.7 13.1

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 54.166 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Tgt Ion:180	Resp: 266076
Ion Ratio	Lower Upper
180 100	
182 94.3	47.3 141.9
145 32.5	15.1 45.3

