

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077790.D
 Acq On : 08 Dec 2023 14:19
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120823

Quant Time: Dec 08 15:39:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	155267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	258874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	89879	49.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.260%		
35) Dibromofluoromethane	7.810	113	90463	49.888	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.780%		
50) Toluene-d8	10.269	98	380367	52.373	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.740%		
62) 4-Bromofluorobenzene	12.575	95	106925	49.244	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	94492	48.719	ug/l	99
3) Chloromethane	2.152	50	136696	51.706	ug/l	95
4) Vinyl Chloride	2.293	62	177889	49.565	ug/l	96
5) Bromomethane	2.699	94	98905	49.112	ug/l	99
6) Chloroethane	2.846	64	121914	49.824	ug/l	100
7) Trichlorofluoromethane	3.187	101	171257	51.810	ug/l	98
8) Diethyl Ether	3.599	74	47427	51.097	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.975	101	96665	51.118	ug/l	98
10) Methyl Iodide	4.175	142	78594	47.769	ug/l	90
11) Tert butyl alcohol	5.058	59	24127	274.966	ug/l #	93
12) 1,1-Dichloroethene	3.952	96	99157	53.128	ug/l	90
13) Acrolein	3.799	56	38250	197.636	ug/l	96
14) Allyl chloride	4.569	41	135311	52.714	ug/l	92
15) Acrylonitrile	5.258	53	107404	270.263	ug/l	98
16) Acetone	4.022	43	101184	256.748	ug/l #	84
17) Carbon Disulfide	4.281	76	324080	51.325	ug/l	99
18) Methyl Acetate	4.569	43	76392	53.017	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	217849	55.016	ug/l	97
20) Methylene Chloride	4.805	84	114180	52.986	ug/l #	84
21) trans-1,2-Dichloroethene	5.322	96	112058	53.009	ug/l #	86
22) Diisopropyl ether	6.216	45	288117	53.712	ug/l #	95
23) Vinyl Acetate	6.158	43	707487	270.085	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	187939	51.737	ug/l	95
25) 2-Butanone	7.087	43	131391	261.972	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	160155	52.511	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	121181	53.274	ug/l	89
28) Bromochloromethane	7.434	49	78524	53.496	ug/l #	78
29) Tetrahydrofuran	7.440	42	79434	272.645	ug/l #	84
30) Chloroform	7.599	83	189155	52.029	ug/l	95
31) Cyclohexane	7.881	56	165854	50.965	ug/l	86
32) 1,1,1-Trichloroethane	7.799	97	168050	52.434	ug/l	99
36) 1,1-Dichloropropene	8.010	75	151090	52.091	ug/l	97
37) Ethyl Acetate	7.169	43	57898	51.193	ug/l #	91
38) Carbon Tetrachloride	7.999	117	153631	53.130	ug/l	92
39) Methylcyclohexane	9.275	83	186632	54.277	ug/l	96
40) Benzene	8.252	78	434656	52.799	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	30788	53.560	ug/l	90
42) 1,2-Dichloroethane	8.328	62	113945	53.397	ug/l	94
43) Isopropyl Acetate	8.363	43	107819	53.629	ug/l #	91
44) Trichloroethene	9.034	130	113047	52.695	ug/l	93
45) 1,2-Dichloropropane	9.304	63	107061	53.497	ug/l	98
46) Dibromomethane	9.393	93	55299	52.224	ug/l	95
47) Bromodichloromethane	9.587	83	142491	53.091	ug/l	98
48) Methyl methacrylate	9.381	41	62677	54.843	ug/l #	78
49) 1,4-Dioxane	9.393	88	11517	1095.359	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	275514	268.518	ug/l	89
52) Toluene	10.334	92	275377	53.926	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	139429	54.098	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	167147	53.640	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	77605	53.580	ug/l	96
56) Ethyl methacrylate	10.598	69	69581	54.497	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	133071	53.301	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	204624	281.028	ug/l	94
59) 2-Hexanone	10.922	43	202064	237.370	ug/l	88
60) Dibromochloromethane	11.075	129	93666	53.713	ug/l	97
61) 1,2-Dibromoethane	11.181	107	70733	51.879	ug/l	95
64) Tetrachloroethene	10.810	164	91424	52.528	ug/l #	88
65) Chlorobenzene	11.610	112	291252	52.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	101118	51.351	ug/l	98
67) Ethyl Benzene	11.687	91	522144	52.962	ug/l	100
68) m/p-Xylenes	11.793	106	404688	107.315	ug/l	90
69) o-Xylene	12.122	106	188853	54.339	ug/l	93
70) Styrene	12.134	104	282018	54.572	ug/l	94
71) Bromoform	12.298	173	55194	53.644	ug/l #	96
73) Isopropylbenzene	12.422	105	501803	54.026	ug/l	97
74) N-amyl acetate	12.234	43	99354	54.417	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	84147	51.958	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	50482m	47.430	ug/l	
77) Bromobenzene	12.704	156	115456	52.847	ug/l	92
78) n-propylbenzene	12.763	91	605215	53.474	ug/l	97
79) 2-Chlorotoluene	12.851	91	323144	53.276	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	413173	53.335	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	27733	52.792	ug/l	90
82) 4-Chlorotoluene	12.951	91	337196	53.178	ug/l	96
83) tert-Butylbenzene	13.169	119	355647	54.380	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	425821	54.958	ug/l	96
85) sec-Butylbenzene	13.345	105	530125	54.838	ug/l	96
86) p-Isopropyltoluene	13.463	119	473518	54.709	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	237990	53.269	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	237834	53.444	ug/l	99
89) n-Butylbenzene	13.792	91	446670	54.845	ug/l	99
90) Hexachloroethane	14.057	117	85634	53.798	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	198117	52.140	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12289	52.430	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	136119	52.446	ug/l	98
94) Hexachlorobutadiene	15.204	225	76047	54.337	ug/l	98
95) Naphthalene	15.334	128	242543	56.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	115270	53.873	ug/l	99

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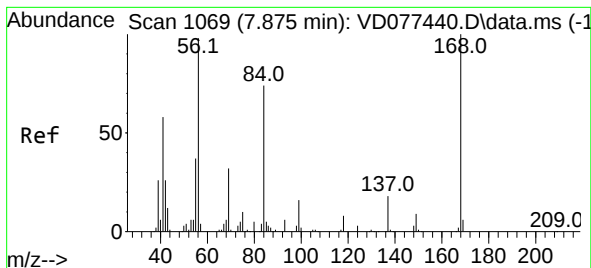
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/11/2023

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

Tgt Ion:168 Resp: 15526

Ion Ratio Lower Upper

168 100

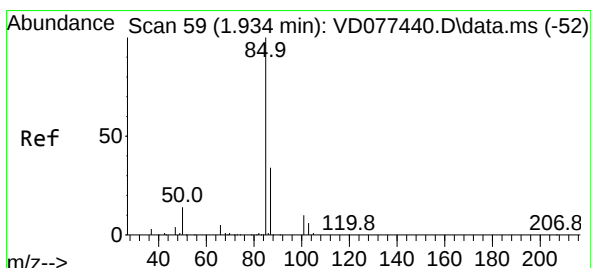
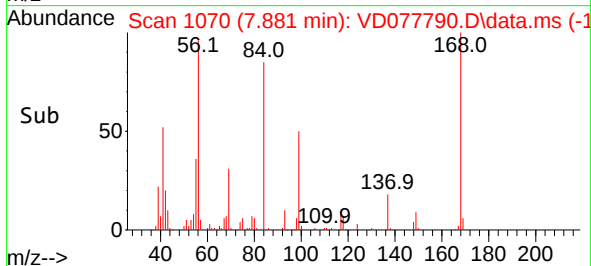
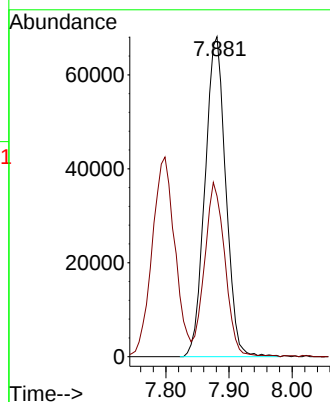
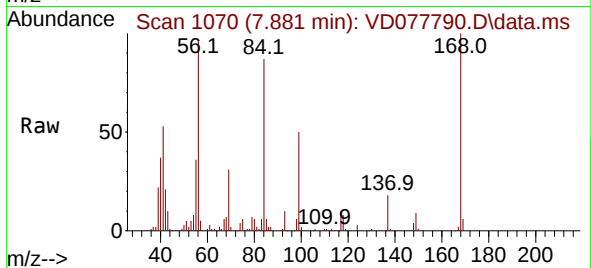
99 50.2 36.7 55.1

Manual Integrations

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Supervised By :Mahesh Dadoda 12/11/2023



#2

Dichlorodifluoromethane

Concen: 48.719 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077790.D

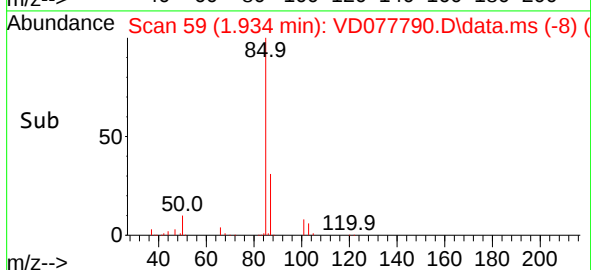
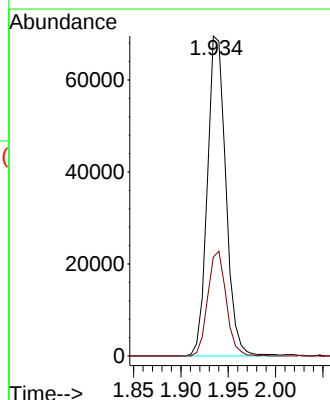
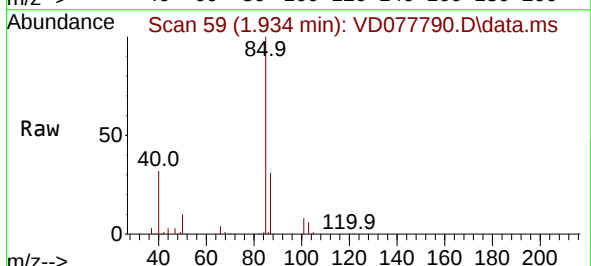
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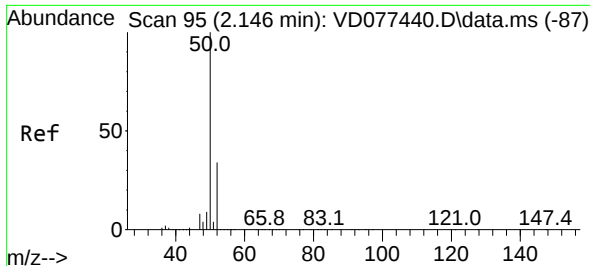
Tgt Ion: 85 Resp: 94492

Ion Ratio Lower Upper

85 100

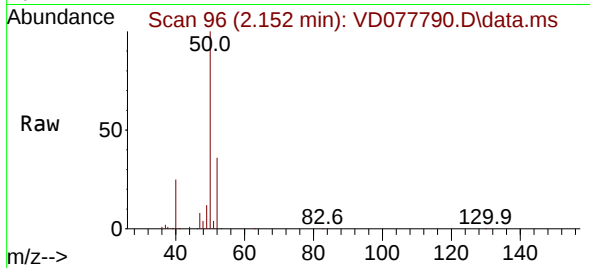
87 30.9 15.7 47.0





#3
Chloromethane
Concen: 51.706 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

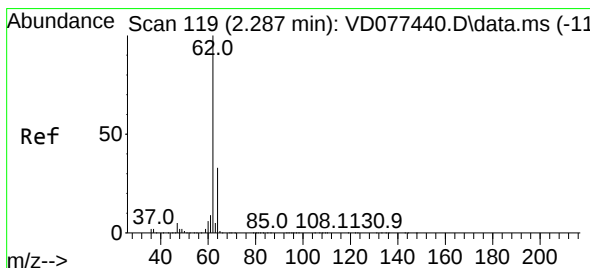
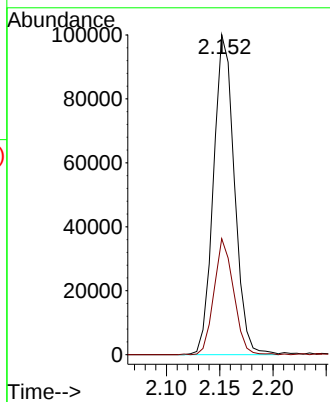
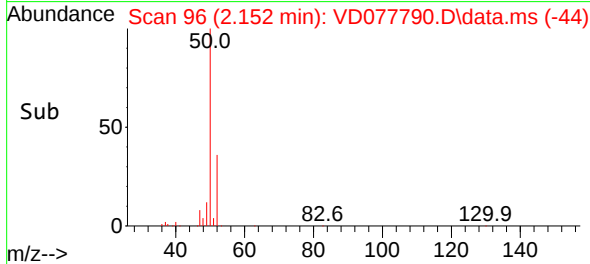
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



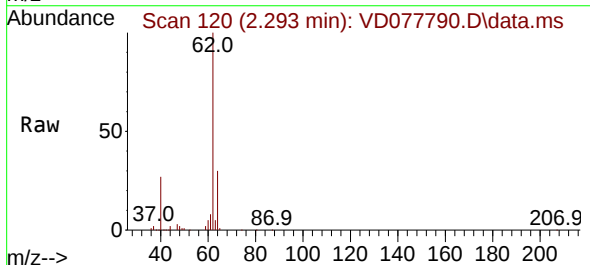
Tgt Ion: 50 Resp: 136690
Ion Ratio Lower Upper
50 100
52 36.2 26.6 40.0

Manual Integrations
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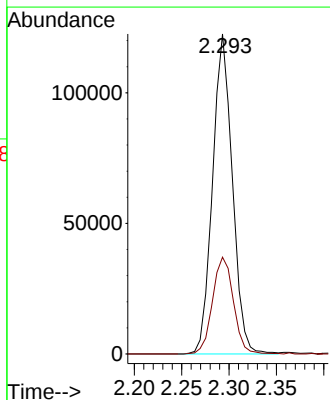
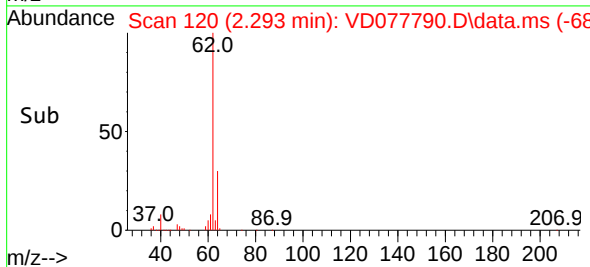
Reviewed By :Semsettin Yesilyurt 12/11/2023
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#4
Vinyl Chloride
Concen: 49.565 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



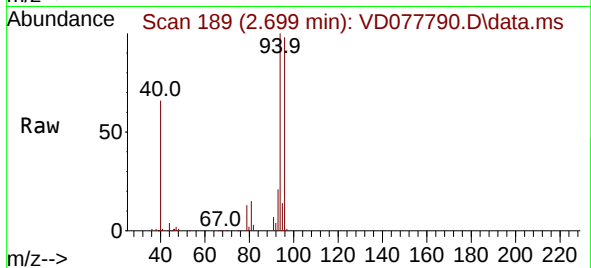
Tgt Ion: 62 Resp: 177889
Ion Ratio Lower Upper
62 100
64 30.2 26.0 39.0





#5
Bromomethane
Concen: 49.112 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

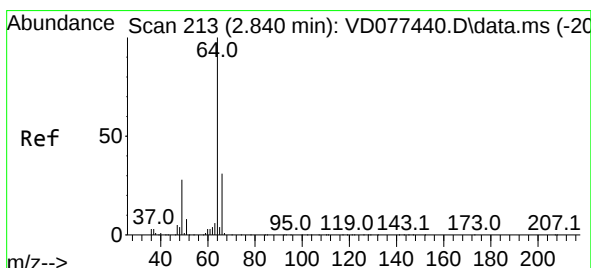
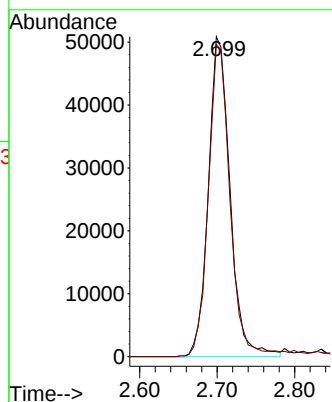
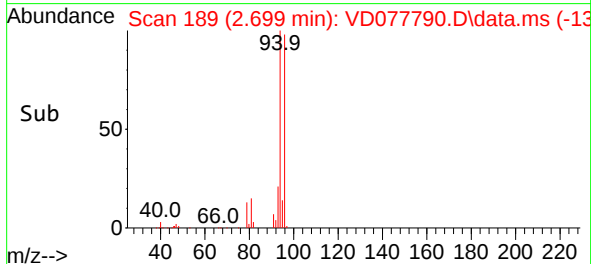
Instrument :
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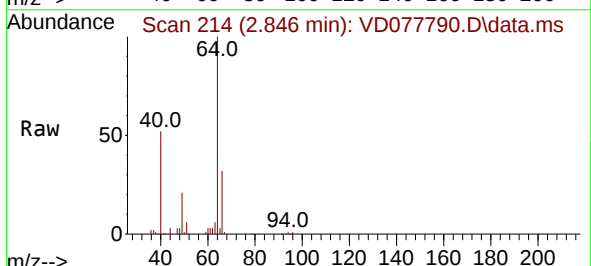
Tgt Ion: 94 Resp: 9890
Ion Ratio Lower Upper
94 100
96 96.0 75.8 113.8

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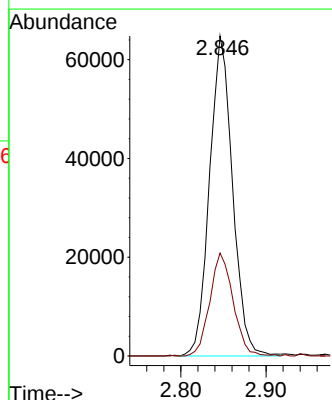
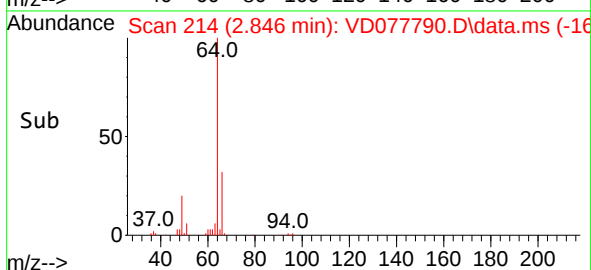
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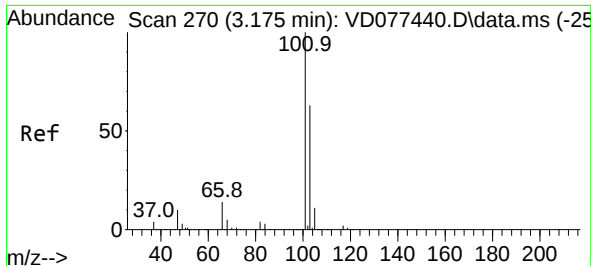


#6
Chloroethane
Concen: 49.824 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



Tgt Ion: 64 Resp: 121914
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3





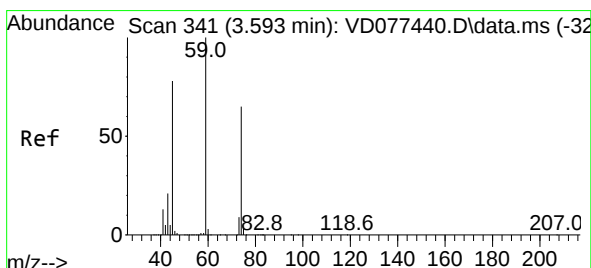
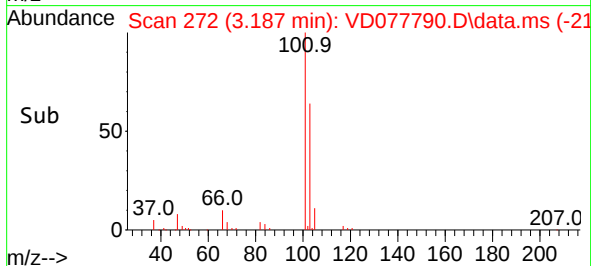
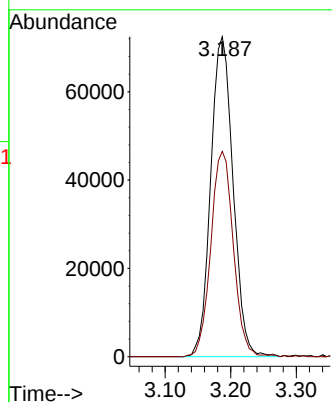
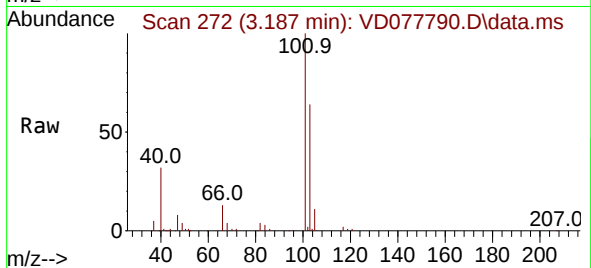
#7
 Trichlorofluoromethane
 Concen: 51.810 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD077790.D
 Acq: 08 Dec 2023 14:19

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 17125
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

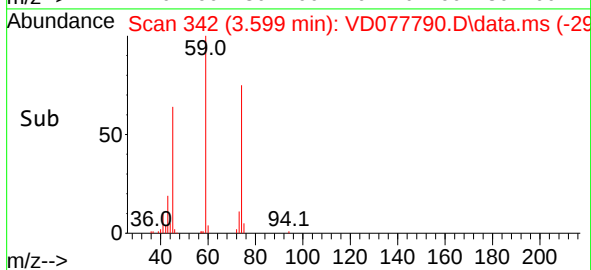
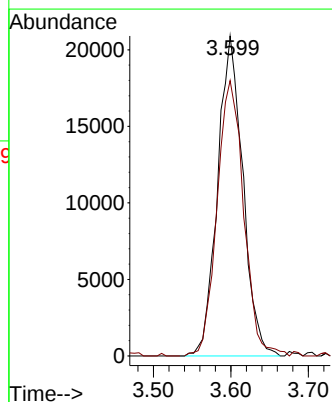
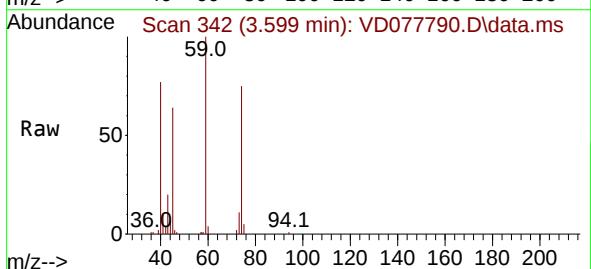
Manual Integrations
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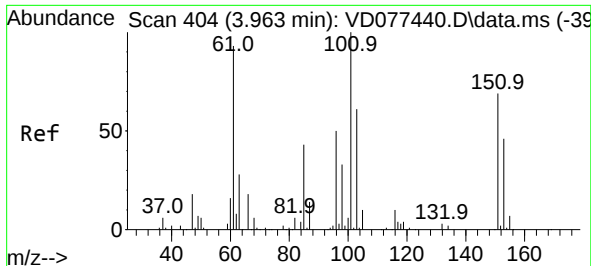
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#8
 Diethyl Ether
 Concen: 51.097 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077790.D
 Acq: 08 Dec 2023 14:19

Tgt Ion: 74 Resp: 47427
 Ion Ratio Lower Upper
 74 100
 45 90.9 37.5 112.7





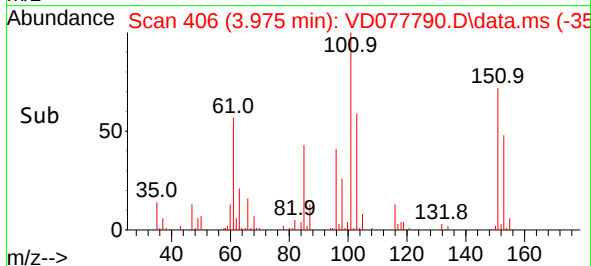
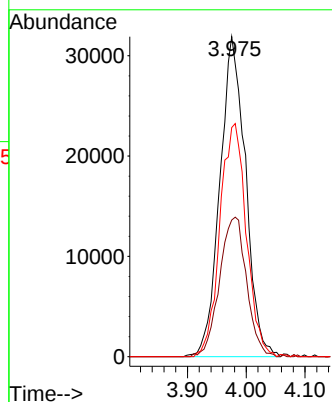
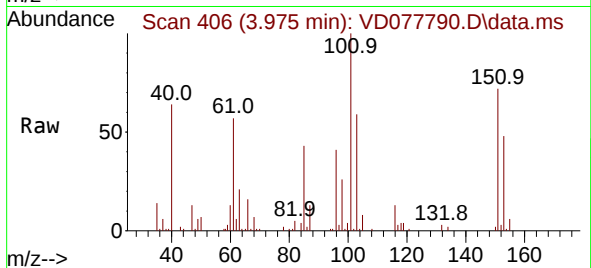
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1,1,2-Trichlorotrifluoroethane
Concen: 51.118 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823

Tgt Ion:101 Resp: 9666
Ion Ratio Lower Upper
101 100
85 45.9 33.8 50.6
151 74.8 59.8 89.6

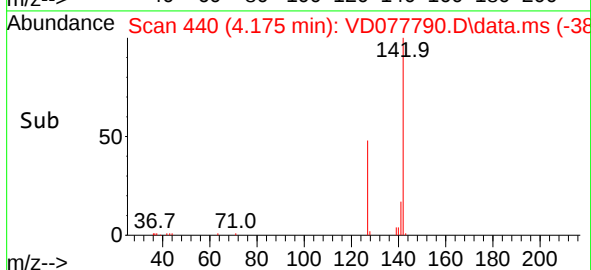
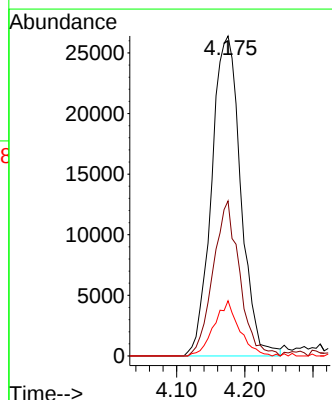
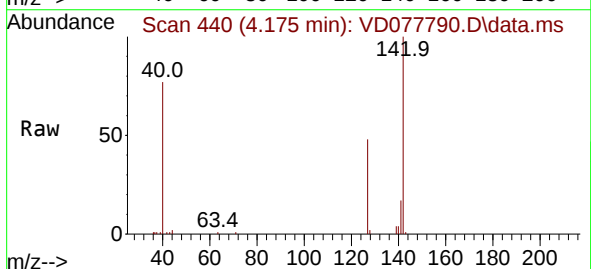
Manual Integrations
APPROVED

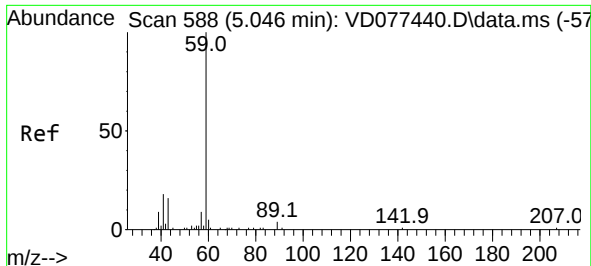
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#10
Methyl Iodide
Concen: 47.769 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion:142 Resp: 78594
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.9 11.1 16.7





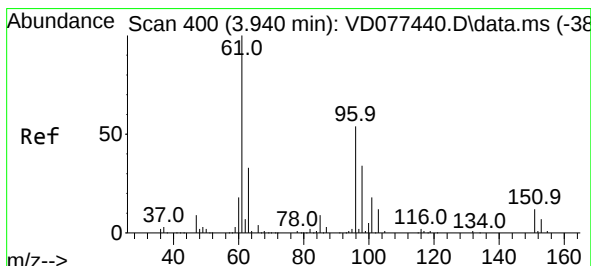
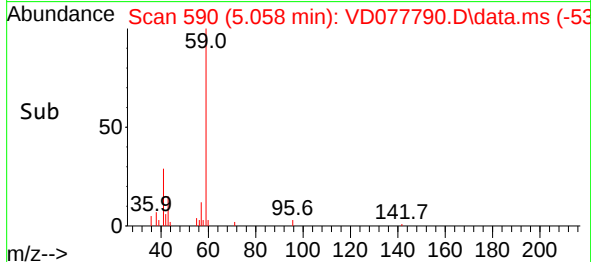
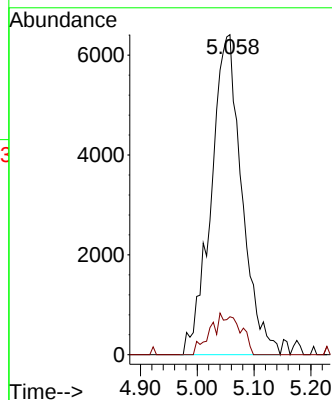
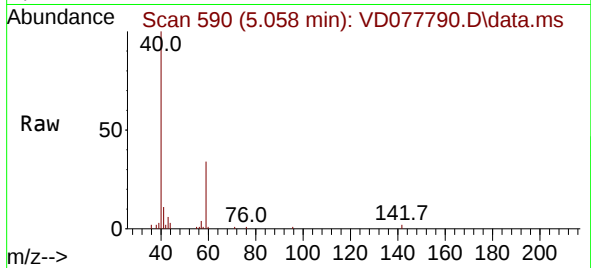
#11
Tert butyl alcohol
Concen: 274.966 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823

Tgt Ion: 59 Resp: 2412
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8

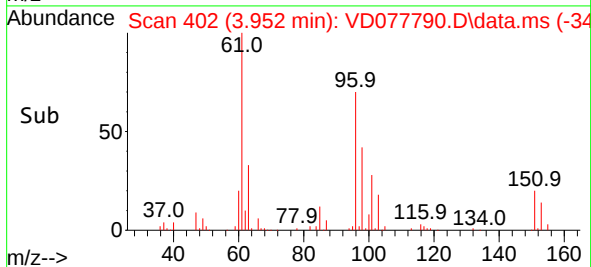
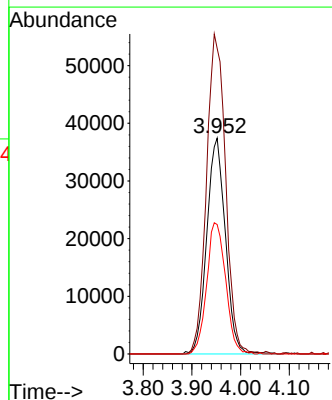
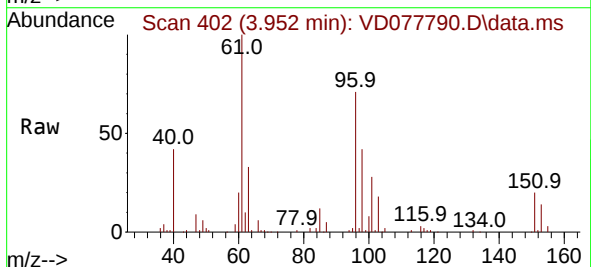
Manual Integrations
APPROVED

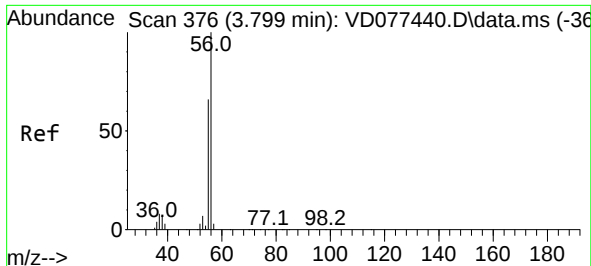
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#12
1,1-Dichloroethene
Concen: 53.128 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

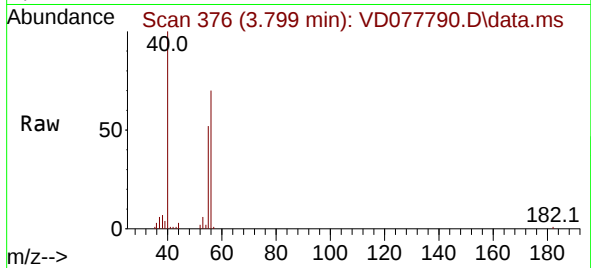
Tgt Ion: 96 Resp: 99157
Ion Ratio Lower Upper
96 100
61 141.5 100.6 150.8
98 60.0 50.2 75.2





#13
Acrolein
Concen: 197.636 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

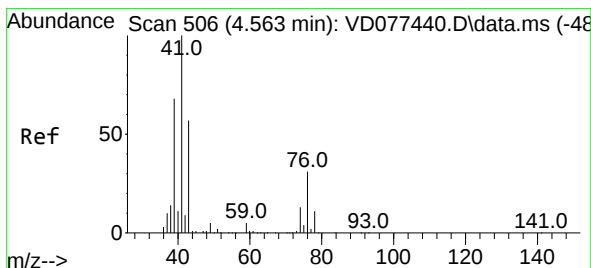
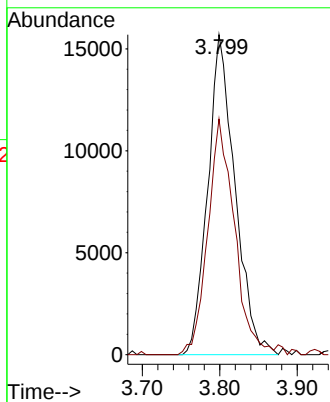
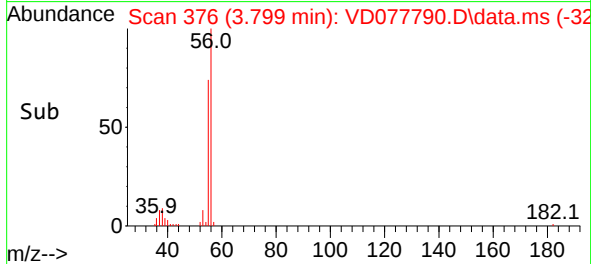
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



Tgt Ion: 56 Resp: 38250
Ion Ratio Lower Upper
56 100
55 72.0 55.1 82.7

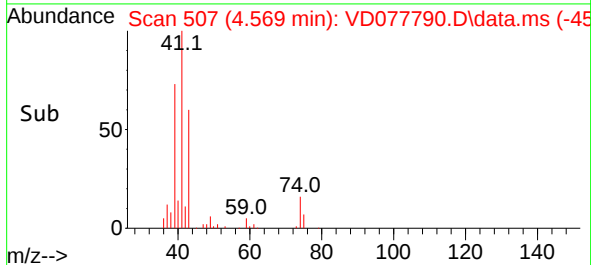
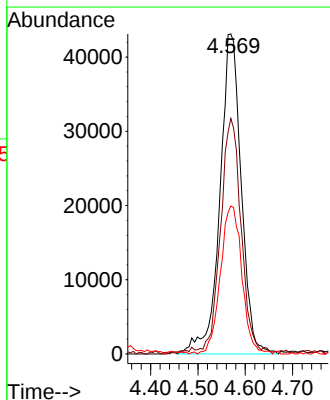
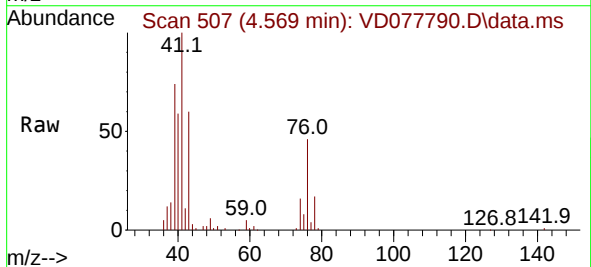
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#14
Allyl chloride
Concen: 52.714 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion: 41 Resp: 135311
Ion Ratio Lower Upper
41 100
39 68.2 53.8 80.6
76 46.3 45.8 68.8





#15

Acrylonitrile

Concen: 270.263 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

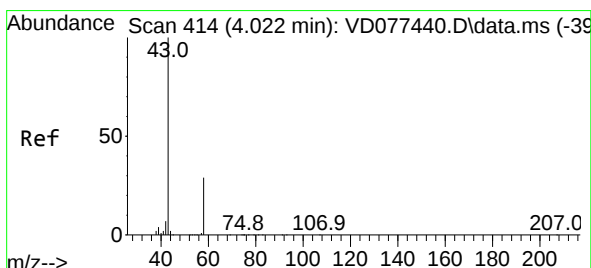
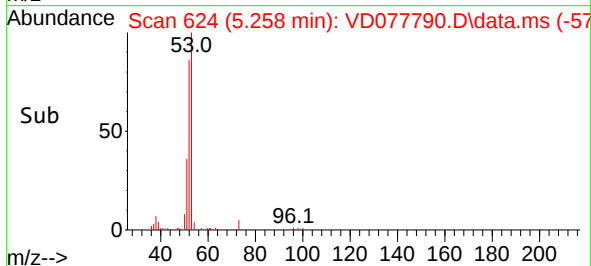
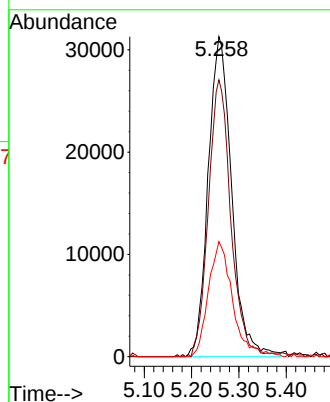
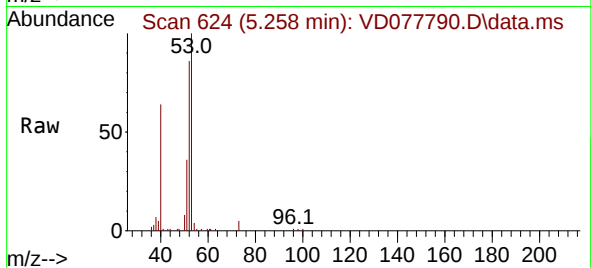
ICVVD120823

Tgt Ion: 53	Resp: 107404
Ion Ratio	Lower Upper
53	100
52	82.4 65.0 97.4
51	37.1 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#16

Acetone

Concen: 256.748 ug/l

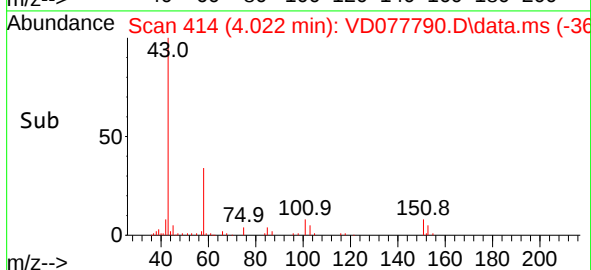
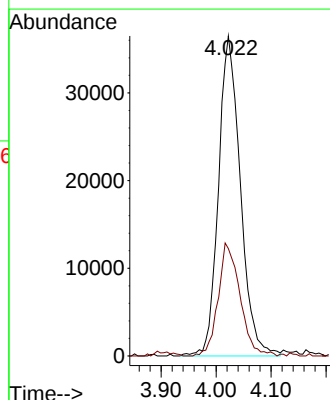
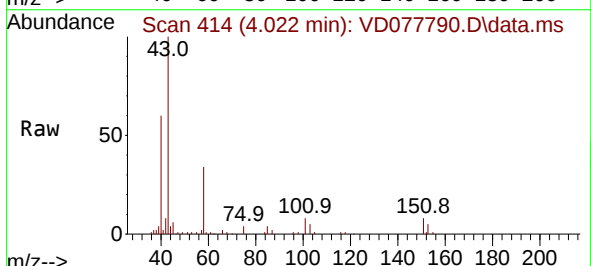
RT: 4.022 min Scan# 414

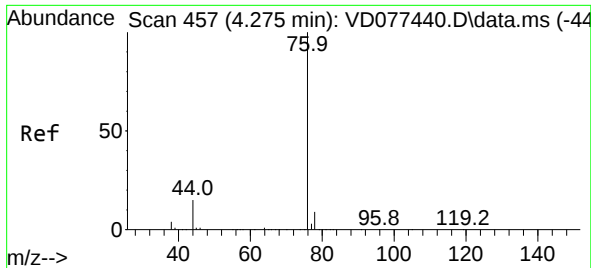
Delta R.T. 0.000 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Tgt Ion: 43	Resp: 101184
Ion Ratio	Lower Upper
43	100
58	33.1 34.7 52.1#





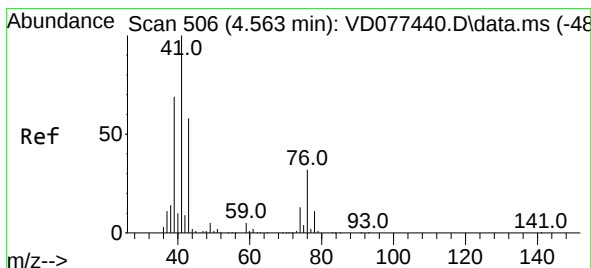
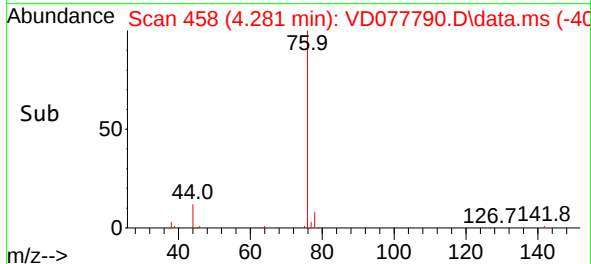
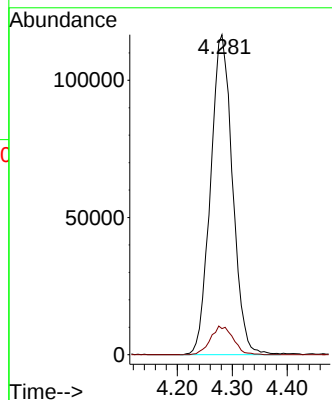
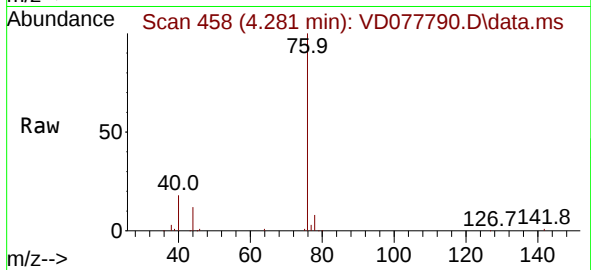
#17
Carbon Disulfide
Concen: 51.325 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823

Tgt Ion: 76 Resp: 324080
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2

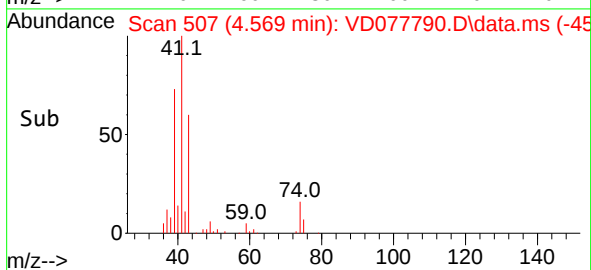
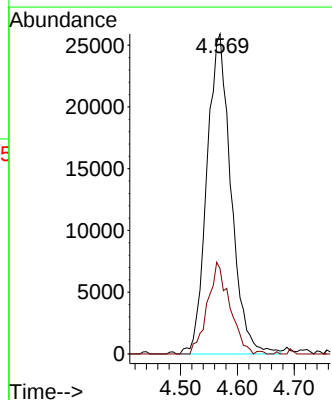
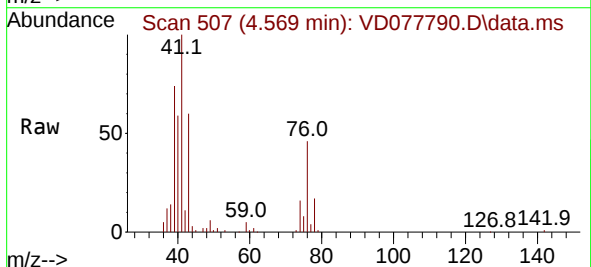
Manual Integrations
APPROVED

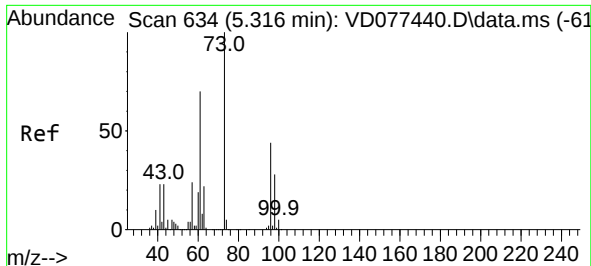
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#18
Methyl Acetate
Concen: 53.017 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion: 43 Resp: 76392
Ion Ratio Lower Upper
43 100
74 26.3 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 55.016 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

Tgt Ion: 73 Resp: 217849

Ion Ratio Lower Upper

73 100

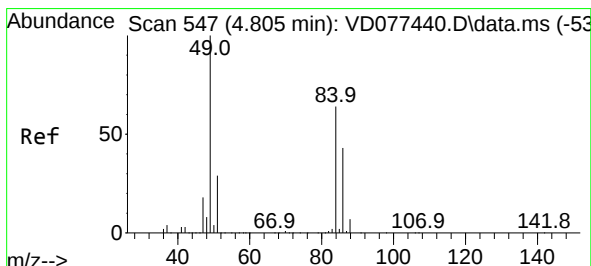
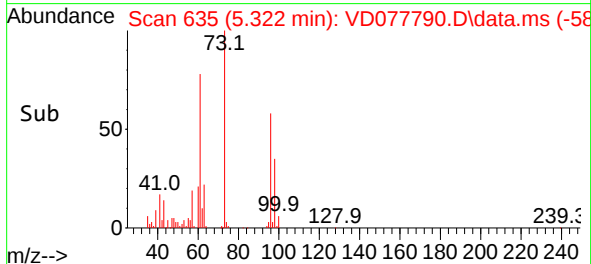
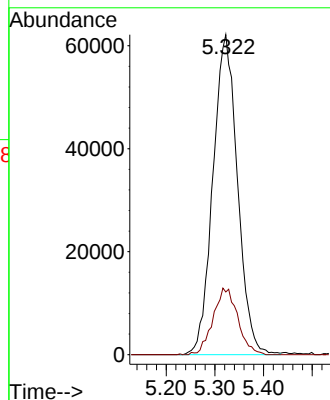
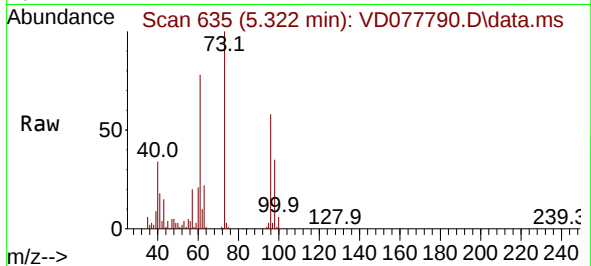
57 19.6 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#20

Methylene Chloride

Concen: 52.986 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Tgt Ion: 84 Resp: 114180

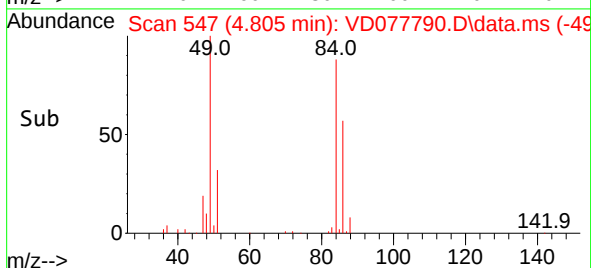
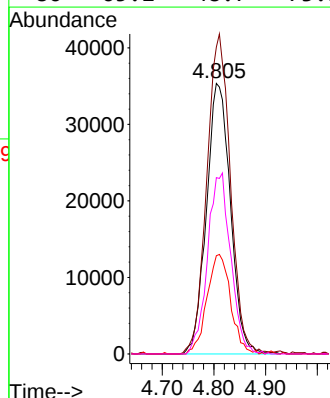
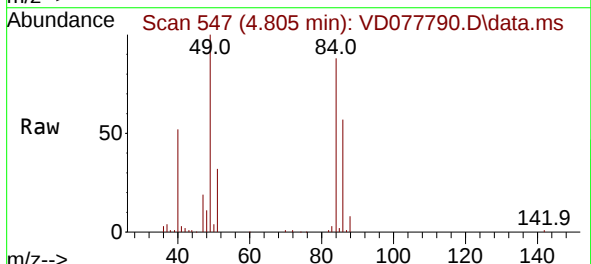
Ion Ratio Lower Upper

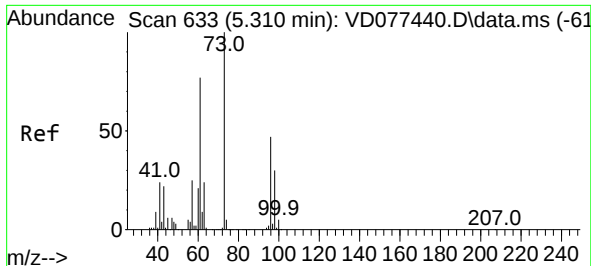
84 100

49 113.4 71.4 107.2#

51 36.3 24.5 36.7

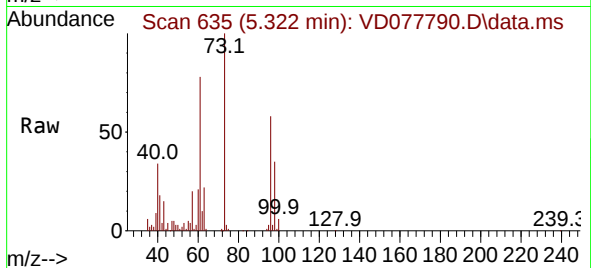
86 65.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 53.009 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

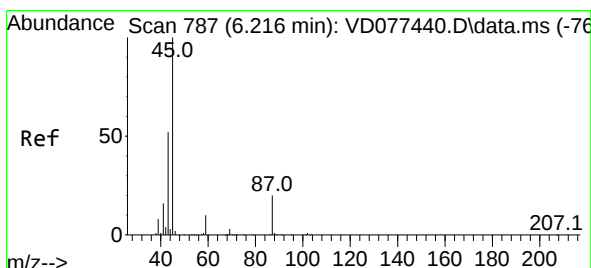
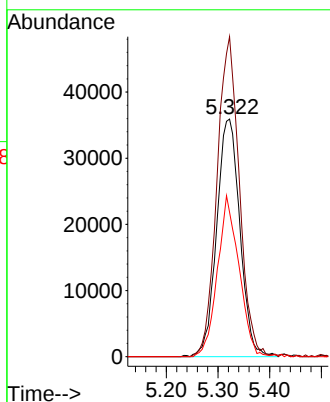
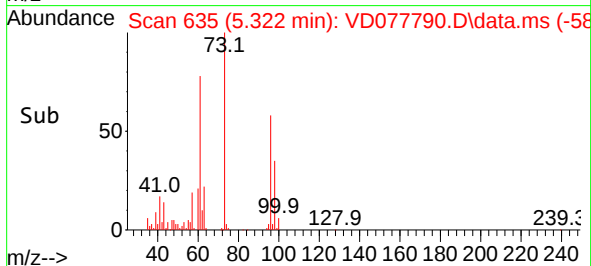
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



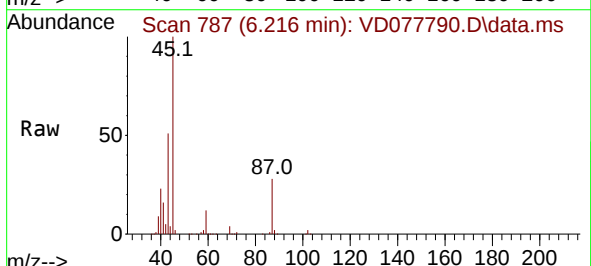
Tgt Ion: 96 Resp: 112058
Ion Ratio Lower Upper
96 100
61 134.7 89.3 133.9
98 60.8 48.6 73.0

Manual Integrations
APPROVED

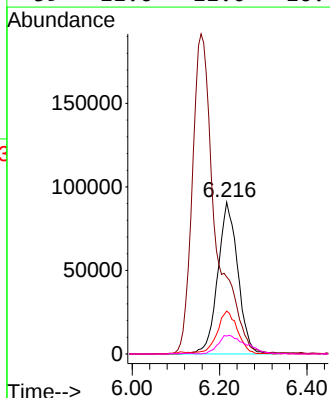
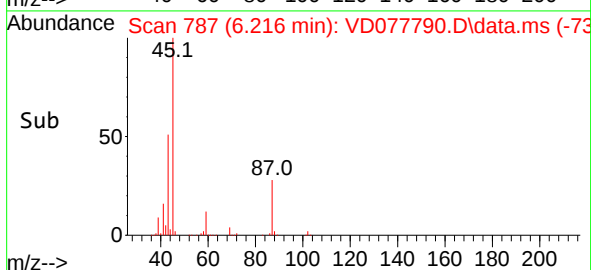
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

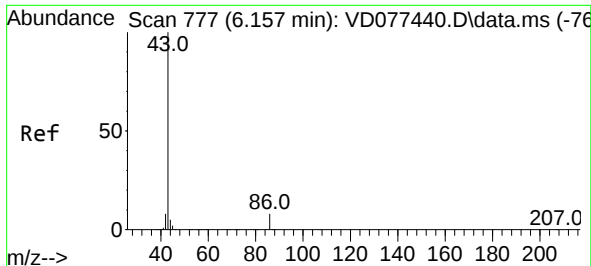


#22
Diisopropyl ether
Concen: 53.712 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



Tgt Ion: 45 Resp: 288117
Ion Ratio Lower Upper
45 100
43 50.0 40.0 60.0
87 28.1 28.2 42.4
59 11.6 11.0 16.4





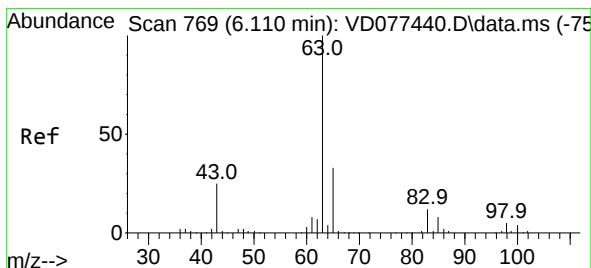
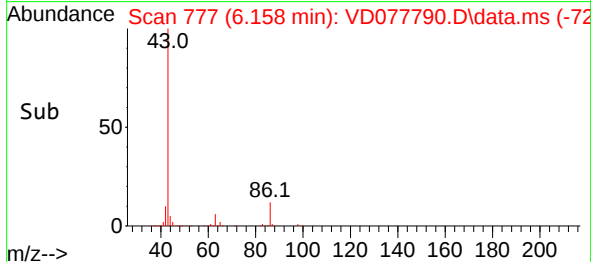
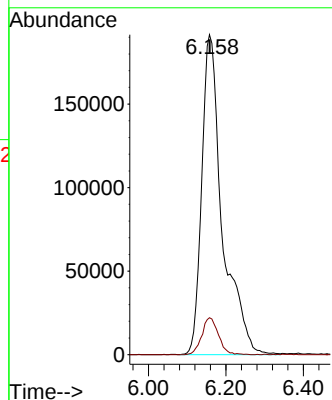
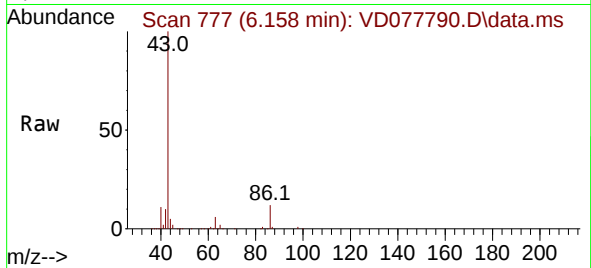
#23
 Vinyl Acetate
 Concen: 270.085 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077790.D
 Acq: 08 Dec 2023 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120823

Tgt Ion: 43 Resp: 70748
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7

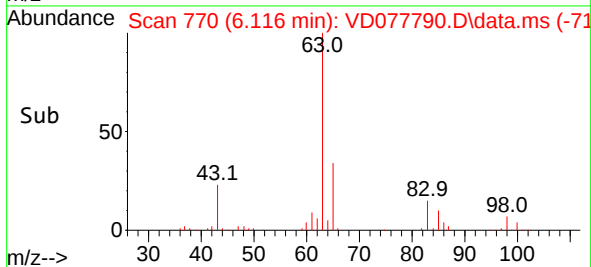
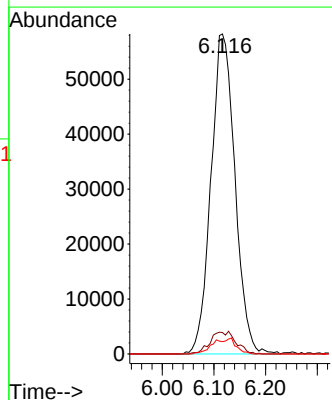
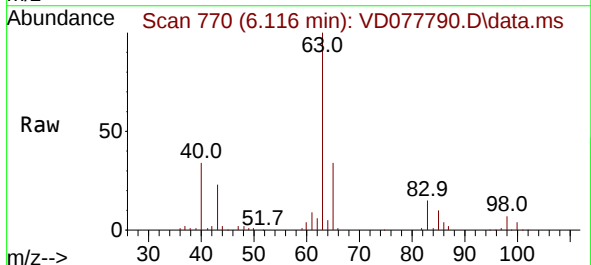
Manual Integrations
 APPROVED

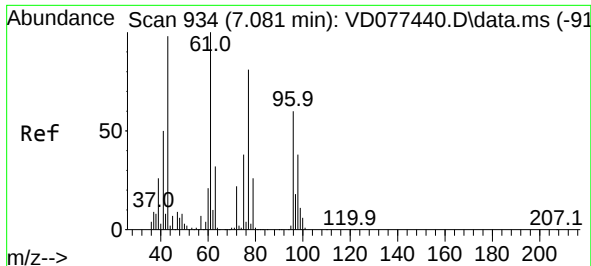
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#24
 1,1-Dichloroethane
 Concen: 51.737 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077790.D
 Acq: 08 Dec 2023 14:19

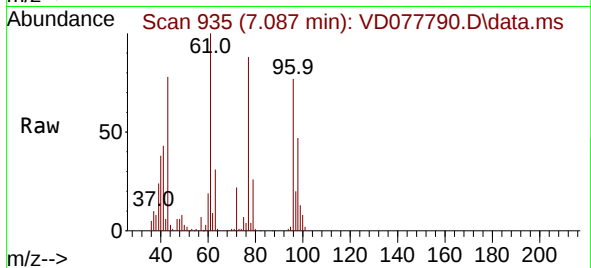
Tgt Ion: 63 Resp: 187939
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.5 13.7
 100 3.9 2.5 7.5





#25
2-Butanone
Concen: 261.972 ug/l
RT: 7.087 min Scan# 913
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

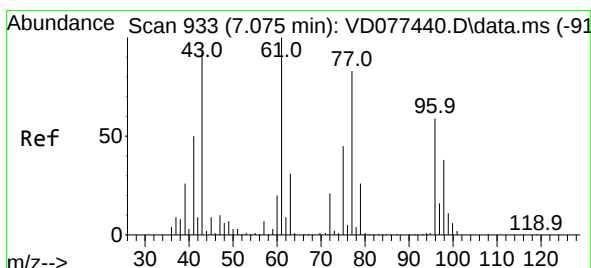
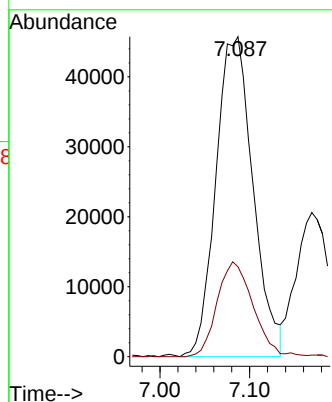
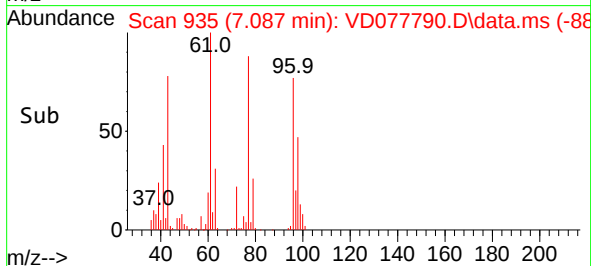
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



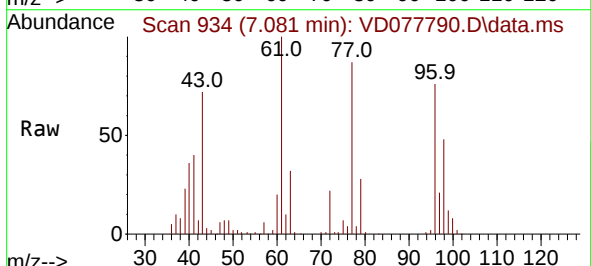
Tgt Ion: 43 Resp: 13139
Ion Ratio Lower Upper
43 100
72 28.1 30.7 46.1

Manual Integrations
APPROVED

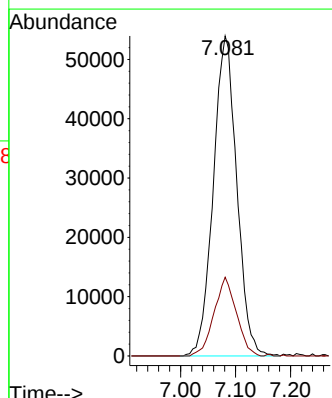
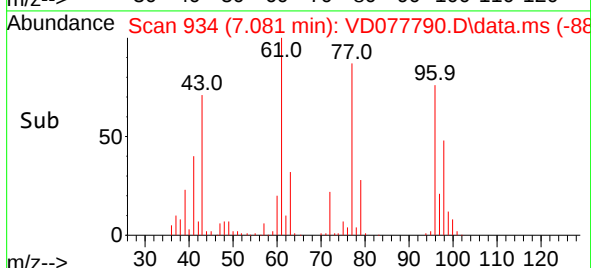
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

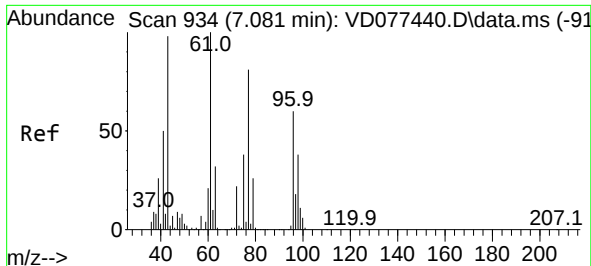


#26
2,2-Dichloropropane
Concen: 52.511 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



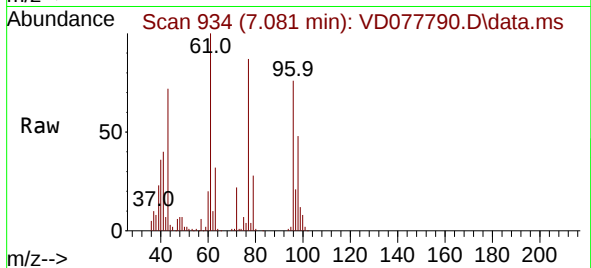
Tgt Ion: 77 Resp: 160155
Ion Ratio Lower Upper
77 100
97 23.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.274 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD077790.D
 Acq: 08 Dec 2023 14:19

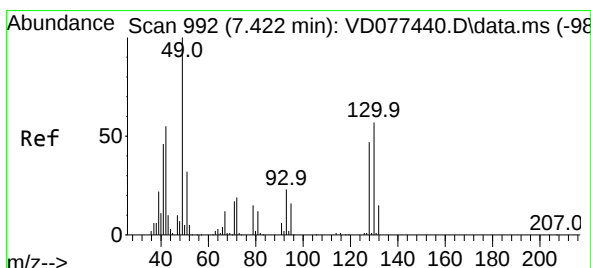
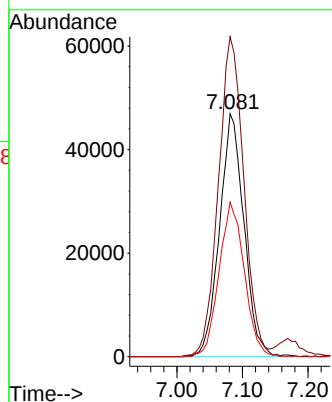
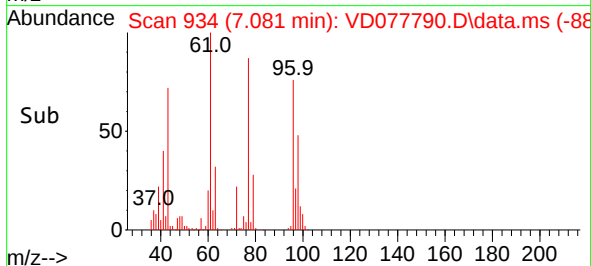
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120823



Tgt Ion: 96 Resp: 12118
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 239.2
 98 65.8 0.0 128.6

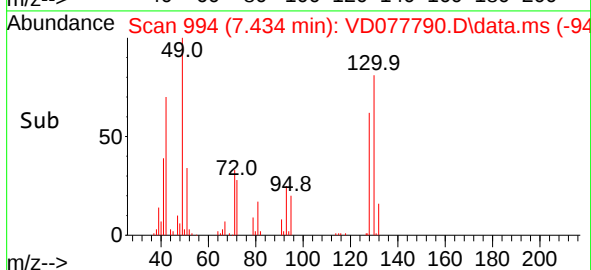
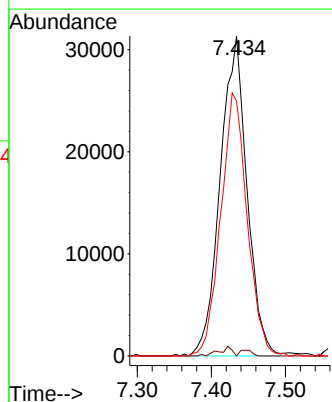
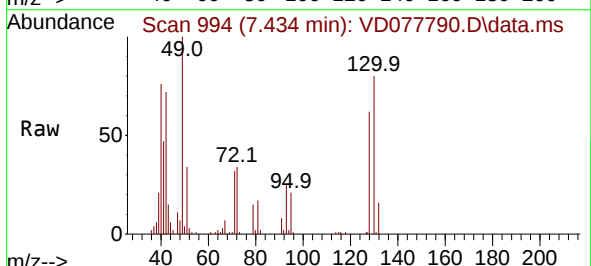
Manual Integrations
 APPROVED

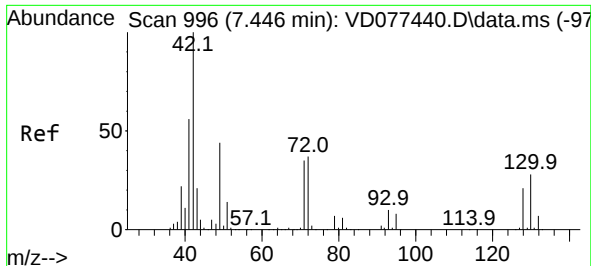
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#28
 Bromochloromethane
 Concen: 53.496 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077790.D
 Acq: 08 Dec 2023 14:19

Tgt Ion: 49 Resp: 78524
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 81.1 83.2 124.8#





#29

Tetrahydrofuran

Concen: 272.645 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

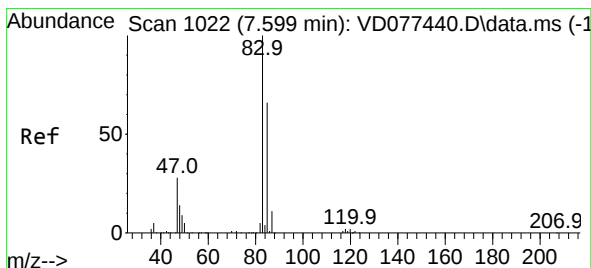
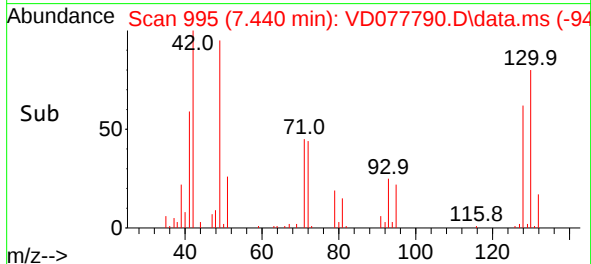
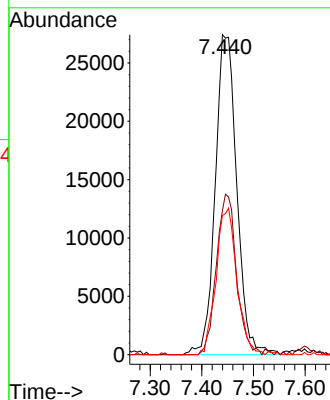
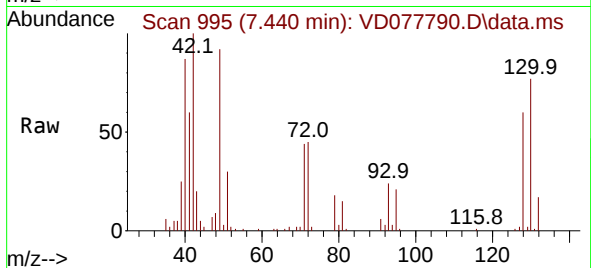
Tgt Ion: 42 Resp: 79434

Ion	Ratio	Lower	Upper
42	100		
72	46.7	46.5	69.7
71	44.1	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#30

Chloroform

Concen: 52.029 ug/l

RT: 7.599 min Scan# 1022

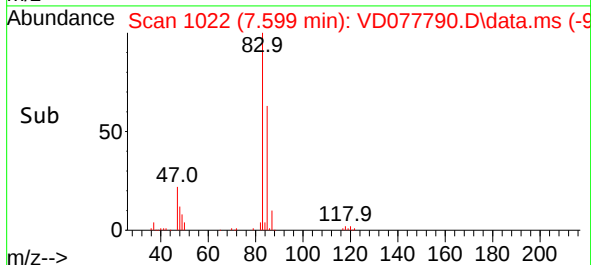
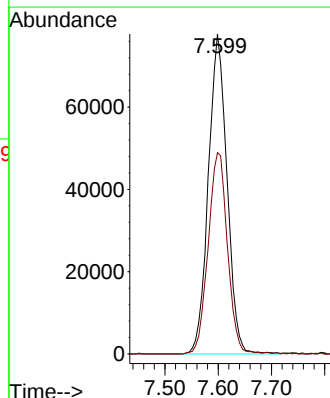
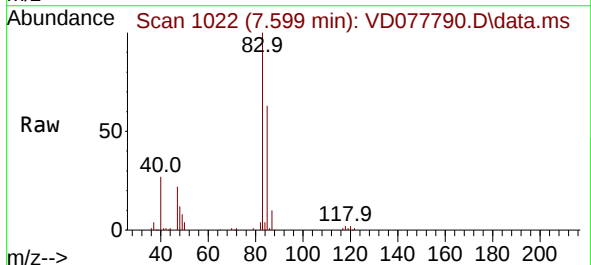
Delta R.T. -0.000 min

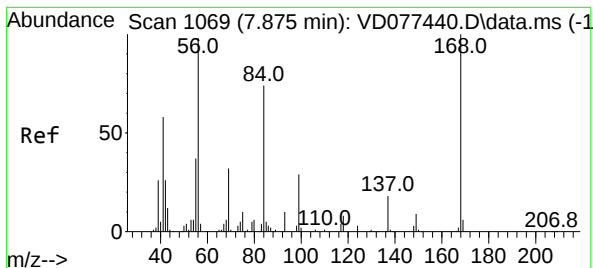
Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Tgt Ion: 83 Resp: 189155

Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.4	80.2





#31

Cyclohexane

Concen: 50.965 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

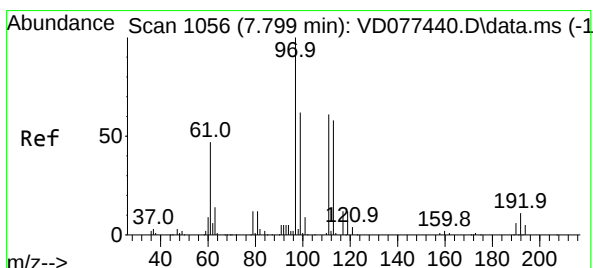
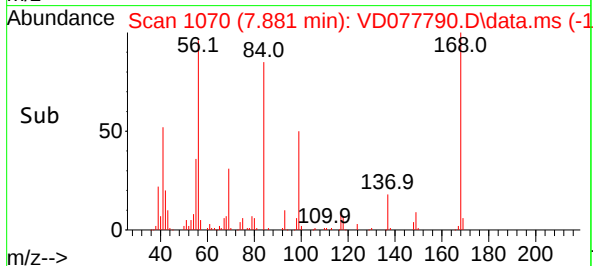
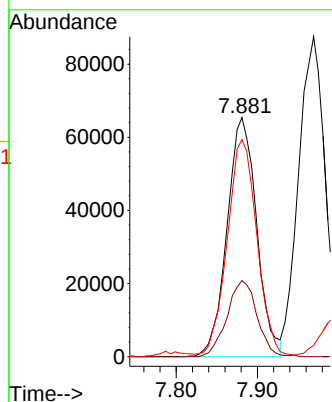
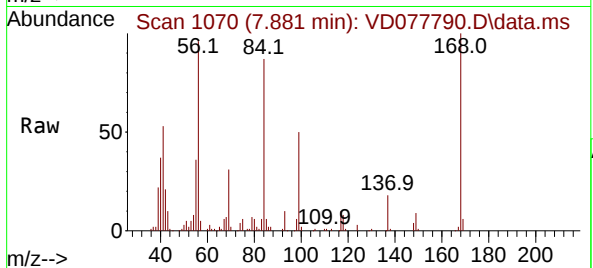
Tgt Ion: 56 Resp: 165854

Ion	Ratio	Lower	Upper
56	100		
69	31.5	28.6	43.0
84	89.2	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#32

1,1,1-Trichloroethane

Concen: 52.434 ug/l

RT: 7.799 min Scan# 1056

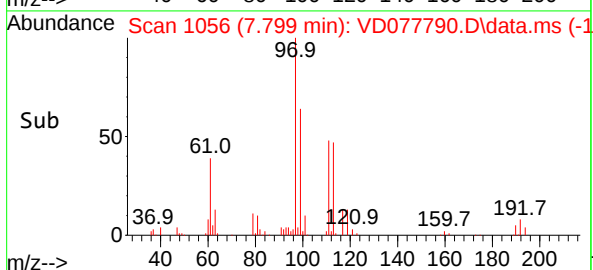
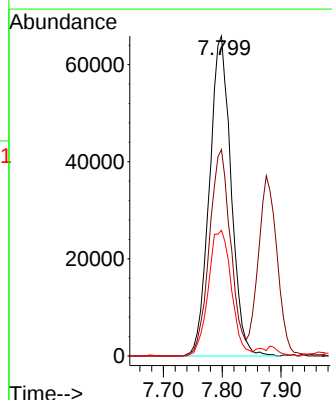
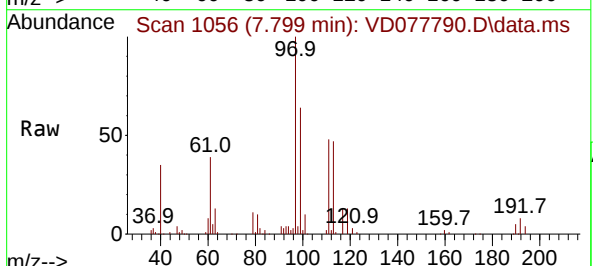
Delta R.T. -0.000 min

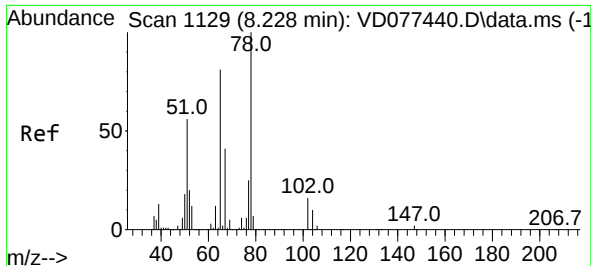
Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Tgt Ion: 97 Resp: 168050

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.0	78.0
61	41.9	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 49.125 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

Tgt Ion: 65 Resp: 89879

Ion Ratio Lower Upper

65 100

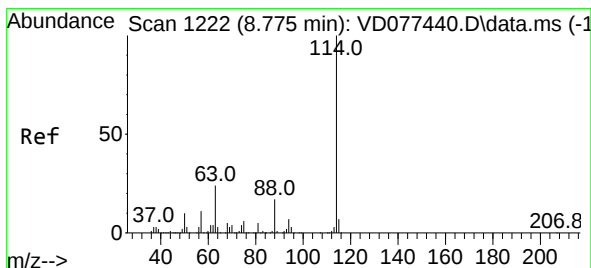
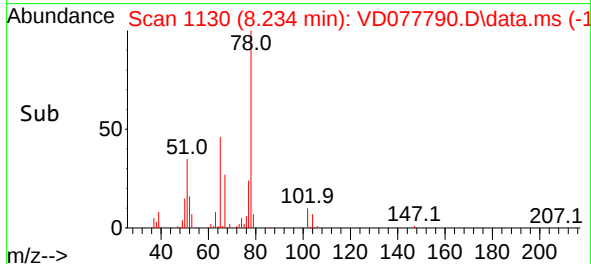
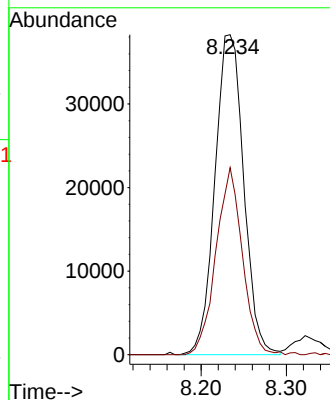
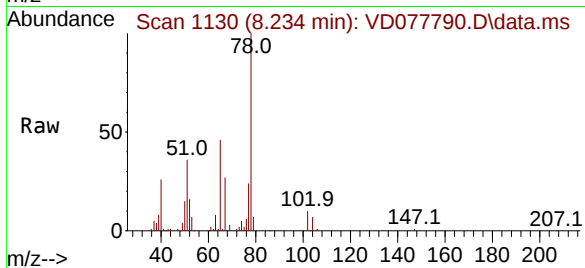
67 53.6 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

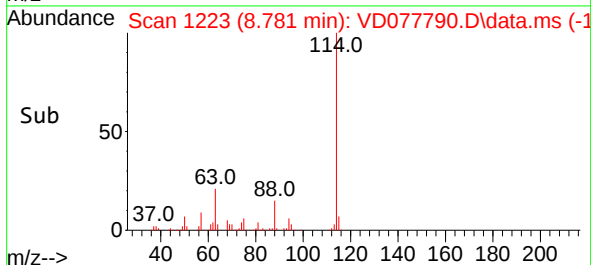
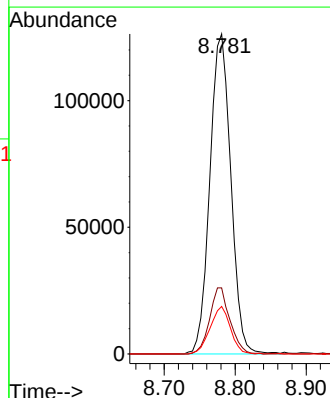
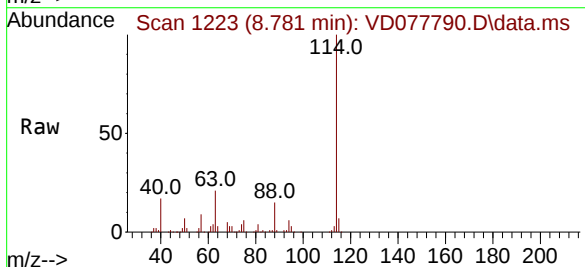
Tgt Ion:114 Resp: 258874

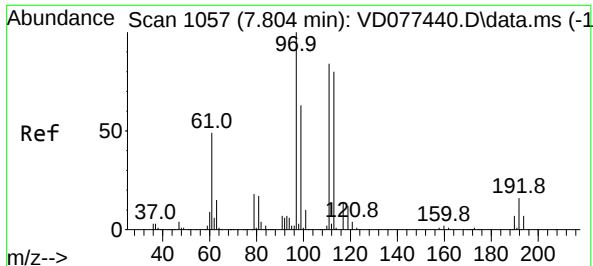
Ion Ratio Lower Upper

114 100

63 20.6 0.0 33.4

88 14.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.888 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

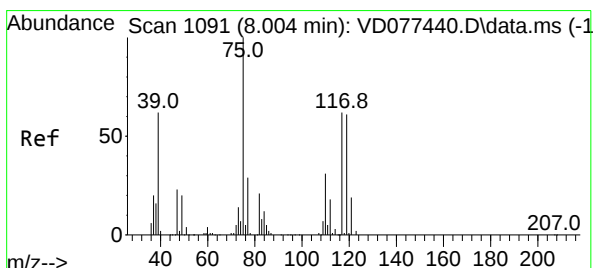
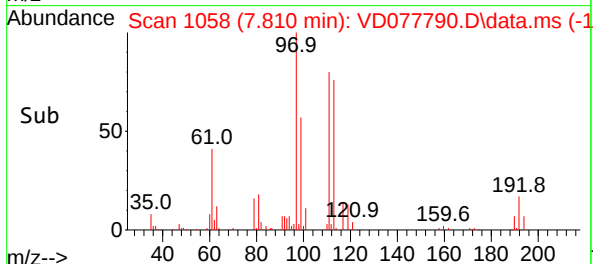
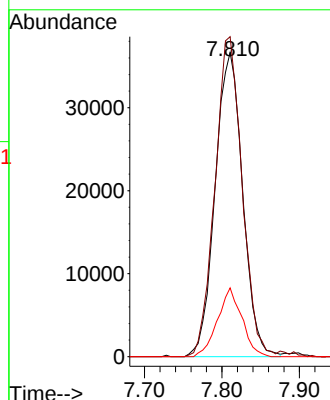
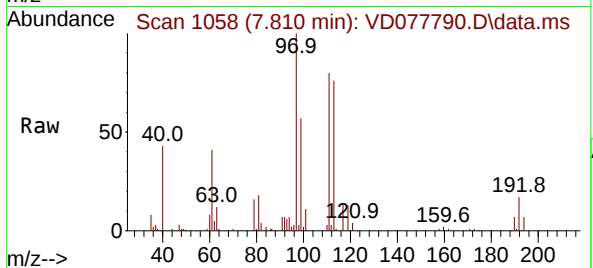
Tgt Ion:113 Resp: 9046

Ion	Ratio	Lower	Upper
113	100		
111	103.4	84.7	127.1
192	20.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#36

1,1-Dichloropropene

Concen: 52.091 ug/l

RT: 8.010 min Scan# 1092

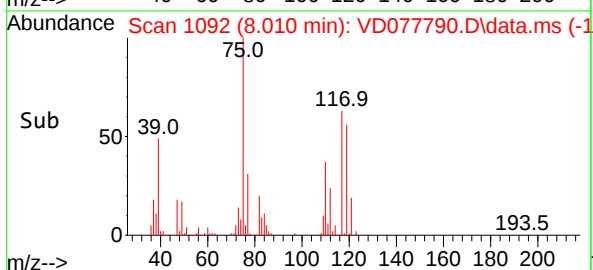
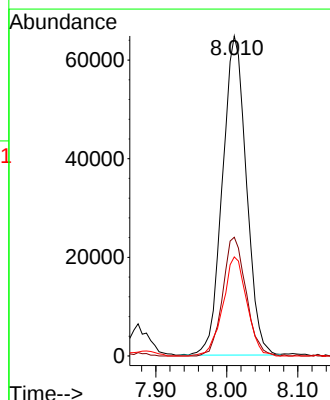
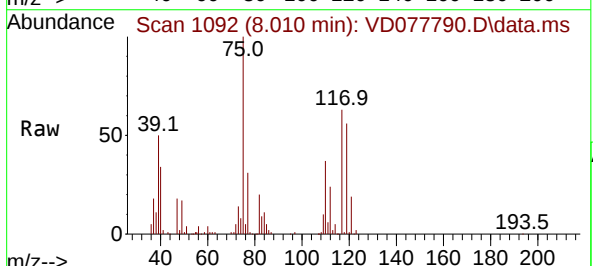
Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Tgt Ion: 75 Resp: 151090

Ion	Ratio	Lower	Upper
75	100		
110	36.3	19.9	59.6
77	31.1	24.7	37.1





#37

Ethyl Acetate

Concen: 51.193 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077790.D

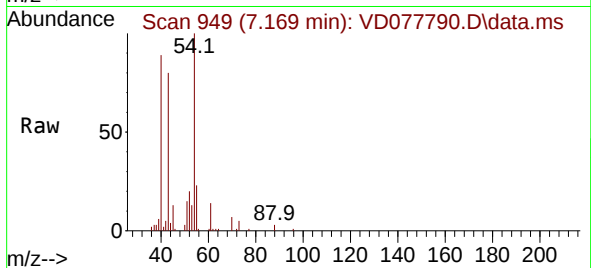
Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

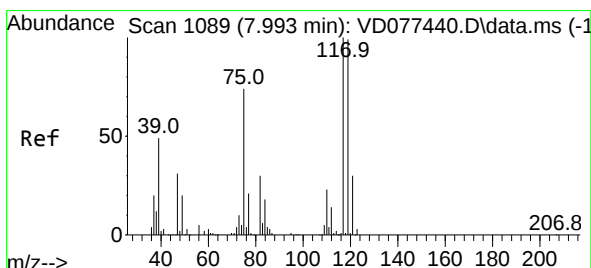
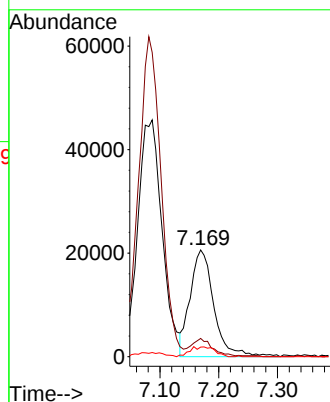
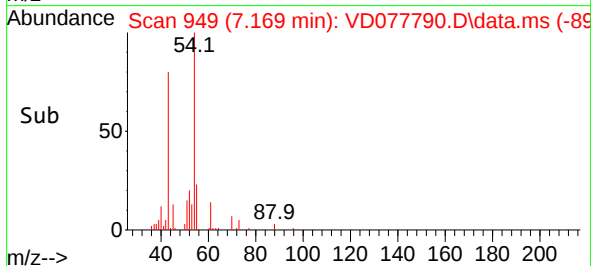


Tgt Ion:	43	Resp:	5789
Ion Ratio	Lower	Upper	
43	100		
61	14.2	14.9	22.3
70	9.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#38

Carbon Tetrachloride

Concen: 53.130 ug/l

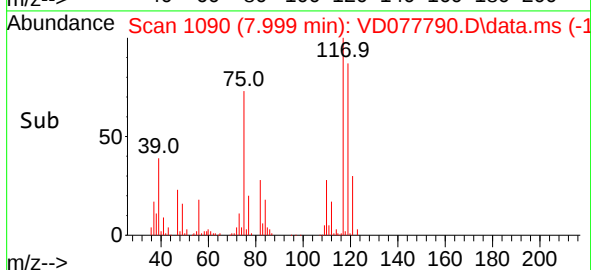
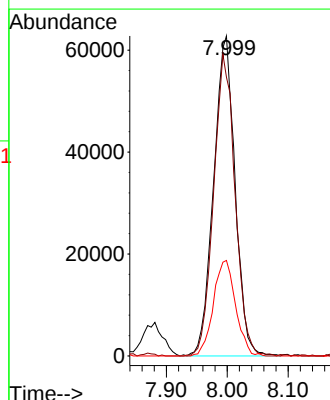
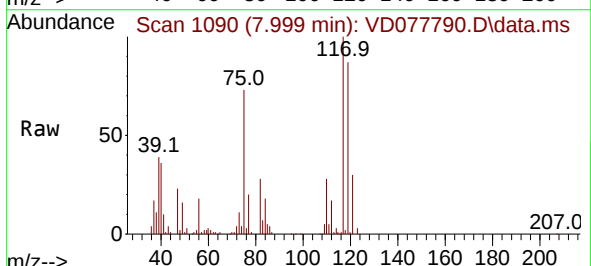
RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Tgt Ion:	117	Resp:	153631
Ion Ratio	Lower	Upper	
117	100		
119	87.1	78.0	117.0
121	29.8	24.2	36.2





#39

Methylcyclohexane

Concen: 54.277 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

Tgt Ion: 83 Resp: 18663

Ion Ratio Lower Upper

83 100

55 65.3 49.4 74.0

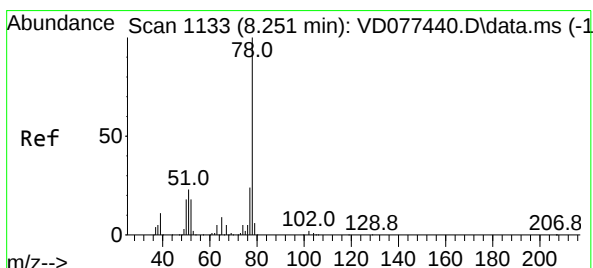
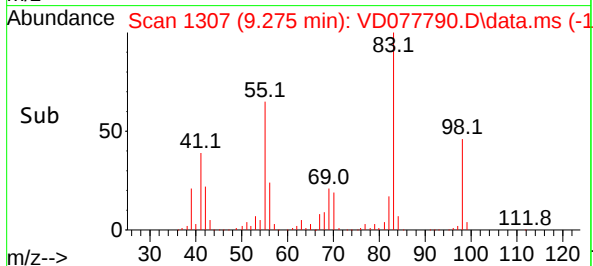
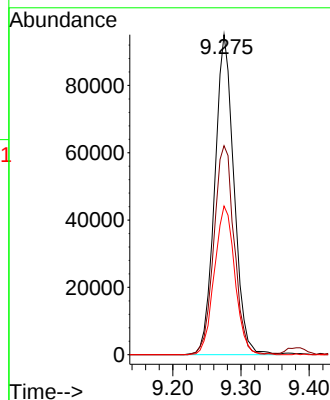
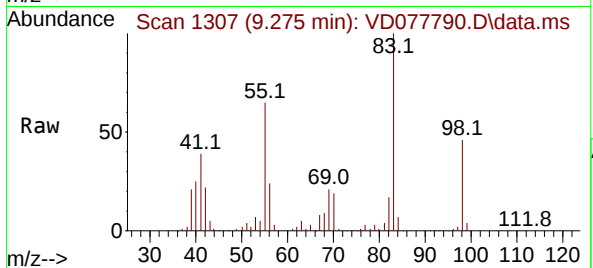
98 46.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#40

Benzene

Concen: 52.799 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077790.D

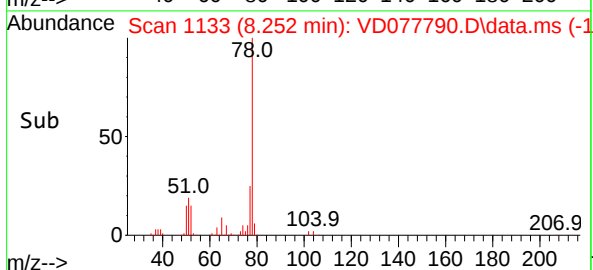
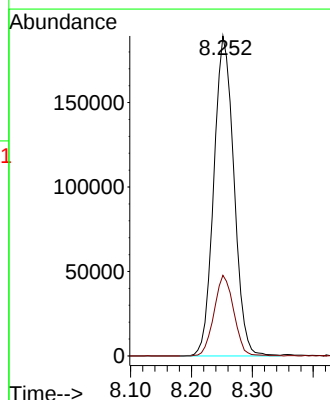
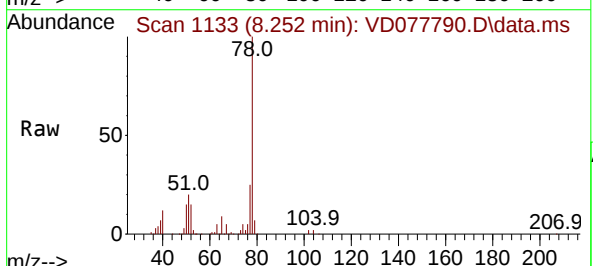
Acq: 08 Dec 2023 14:19

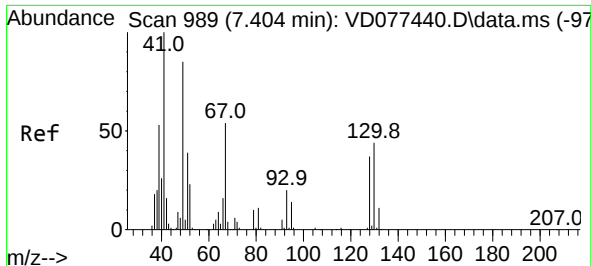
Tgt Ion: 78 Resp: 434656

Ion Ratio Lower Upper

78 100

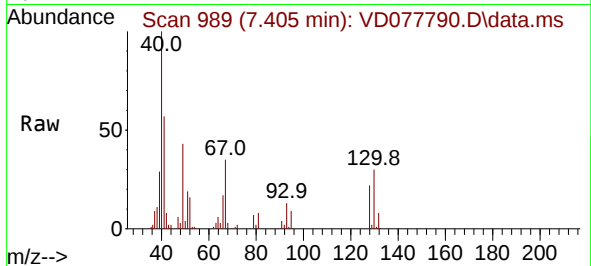
77 25.2 19.4 29.0





#41
Methacrylonitrile
Concen: 53.560 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

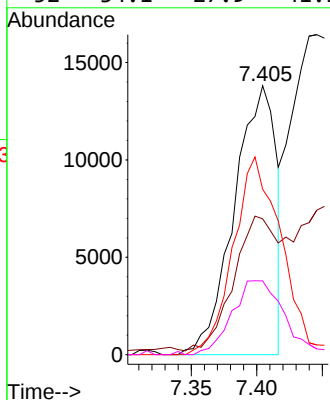
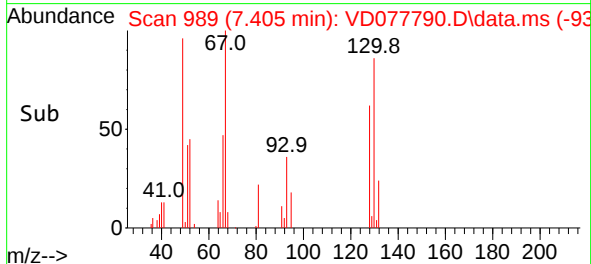
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



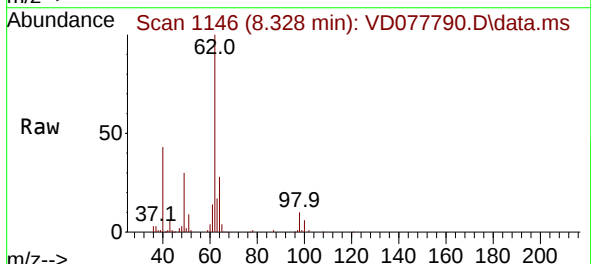
Tgt Ion: 41 Resp: 3078
Ion Ratio Lower Upper
41 100
39 50.6 34.0 51.0
67 84.9 77.0 115.4
52 34.1 27.9 41.9

Manual Integrations
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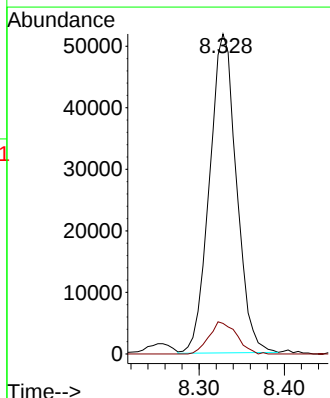
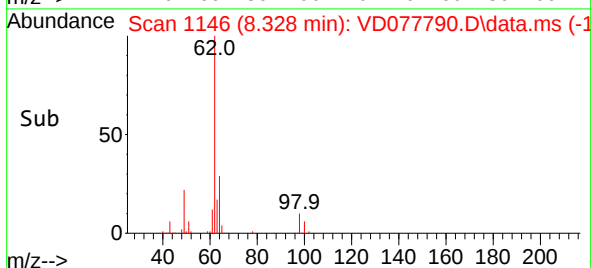
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

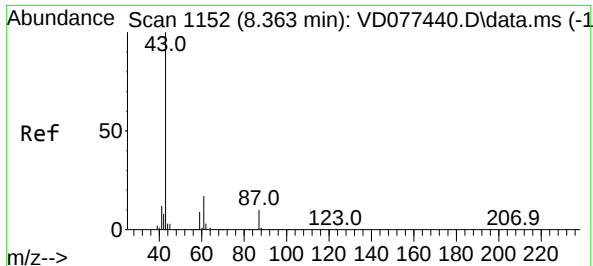


#42
1,2-Dichloroethane
Concen: 53.397 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



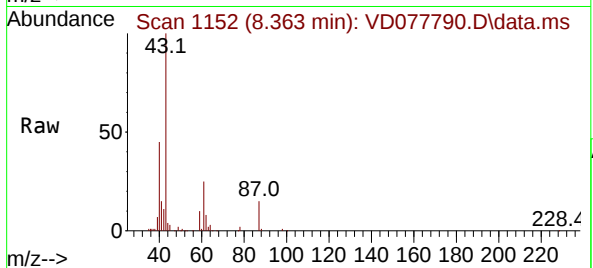
Tgt Ion: 62 Resp: 113945
Ion Ratio Lower Upper
62 100
98 10.3 0.0 25.4





#43
Isopropyl Acetate
Concen: 53.629 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

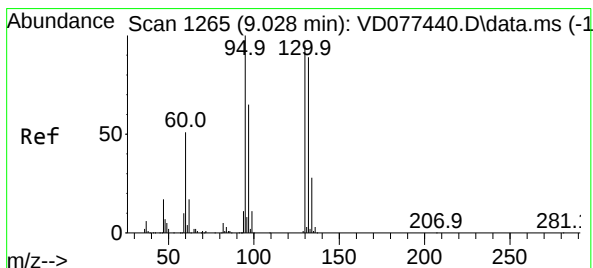
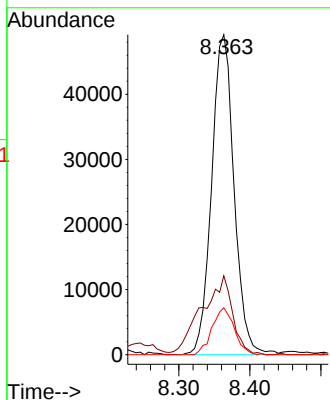
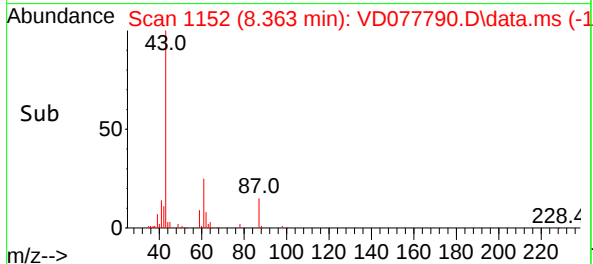
Instrument : MSVOA_D
ClientSampleId : ICVVD120823



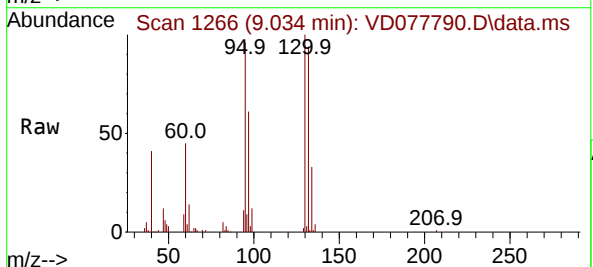
Tgt Ion: 43 Resp: 107819
Ion Ratio Lower Upper
43 100
61 33.7 31.4 47.0
87 14.5 14.9 22.3

Manual Integrations
APPROVED

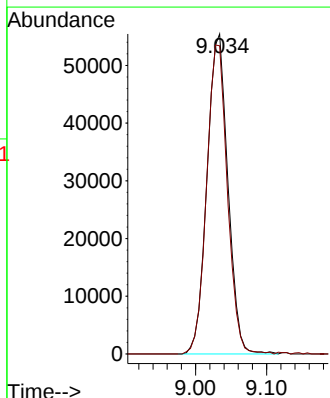
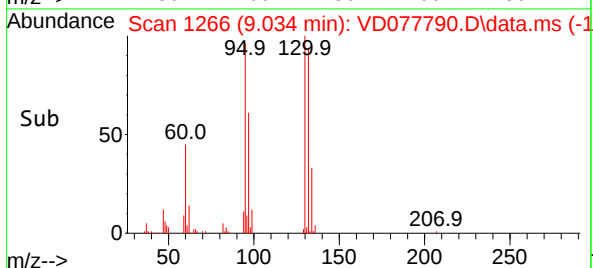
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#44
Trichloroethene
Concen: 52.695 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



Tgt Ion:130 Resp: 113047
Ion Ratio Lower Upper
130 100
95 96.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.497 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

Tgt Ion: 63 Resp: 10706

Ion Ratio Lower Upper

63 100

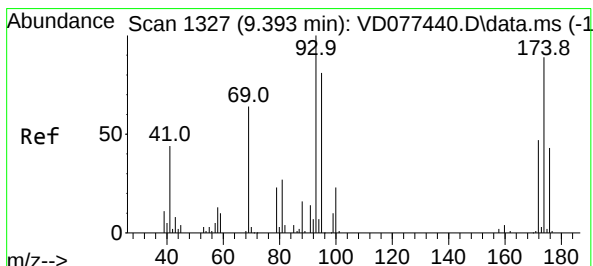
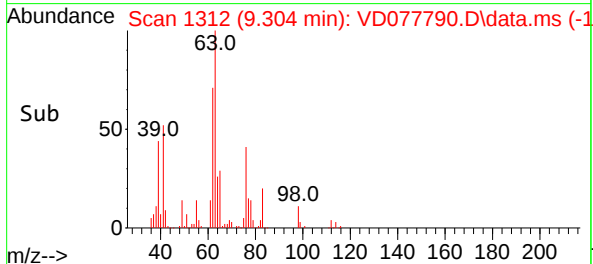
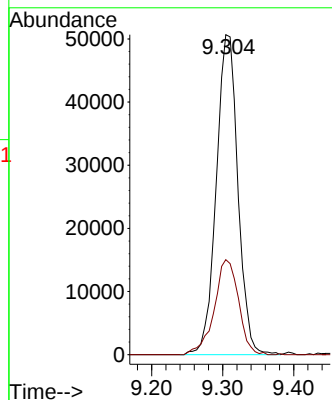
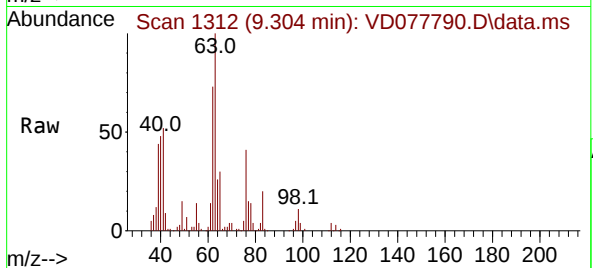
65 29.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#46

Dibromomethane

Concen: 52.224 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

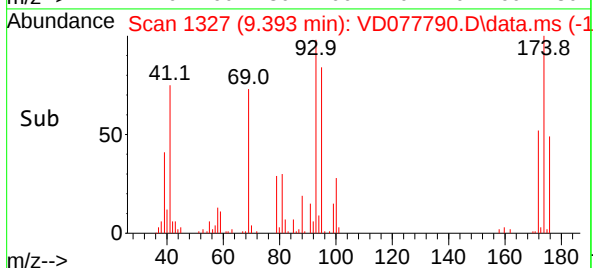
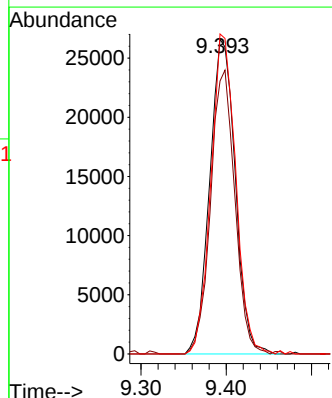
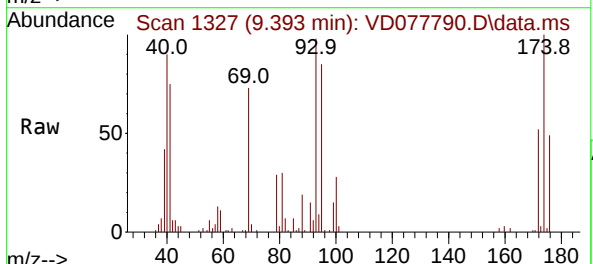
Tgt Ion: 93 Resp: 55299

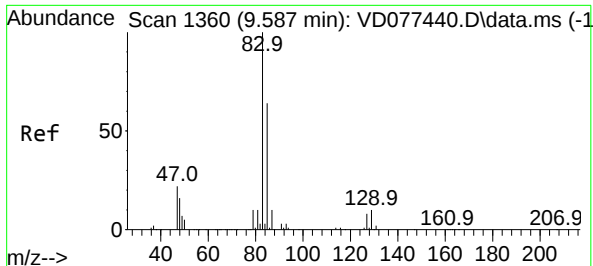
Ion Ratio Lower Upper

93 100

95 85.7 67.7 101.5

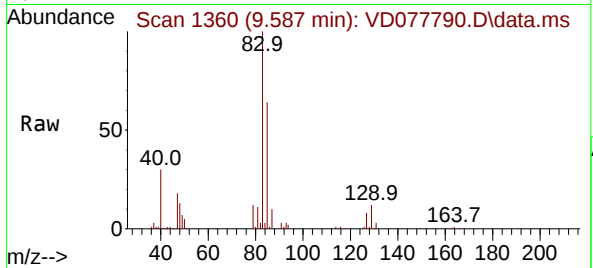
174 98.5 85.4 128.2





#47
Bromodichloromethane
Concen: 53.091 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

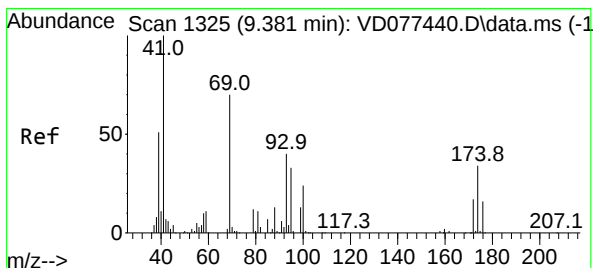
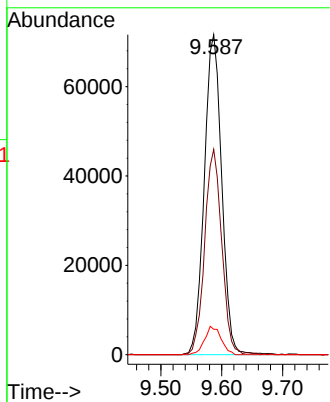
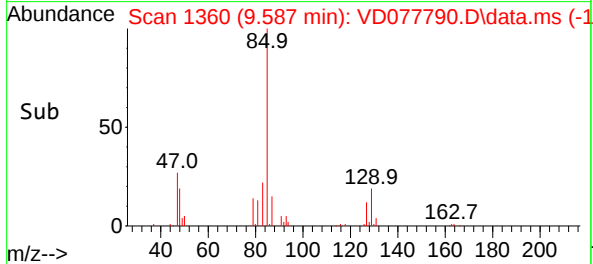
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



Tgt Ion: 83 Resp: 14249
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 7.9 6.3 9.5

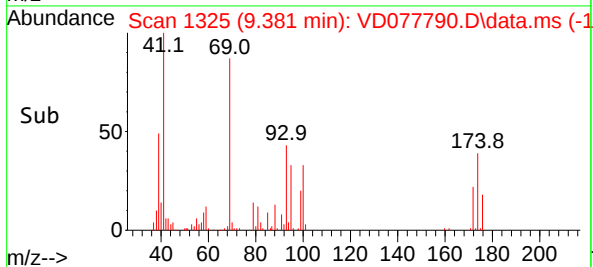
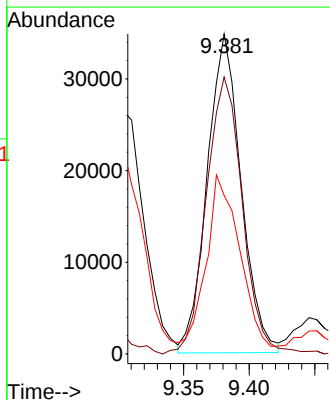
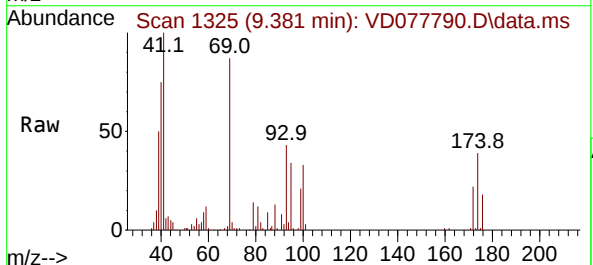
Manual Integrations
APPROVED

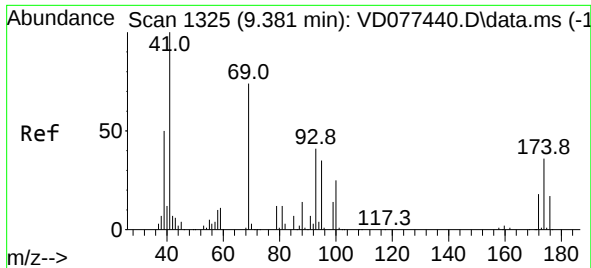
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#48
Methyl methacrylate
Concen: 54.843 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion: 41 Resp: 62677
Ion Ratio Lower Upper
41 100
69 92.6 102.2 153.2#
39 51.5 41.4 62.2





#49
1,4-Dioxane
Concen: 1095.359 ug/l
RT: 9.393 min Scan# 1151
Delta R.T. 0.012 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

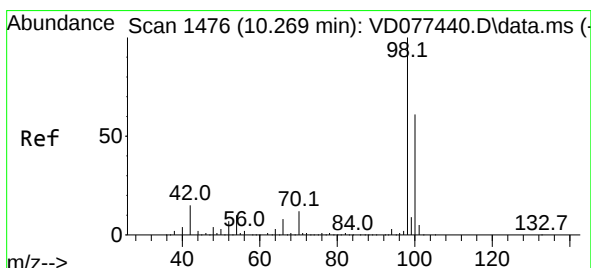
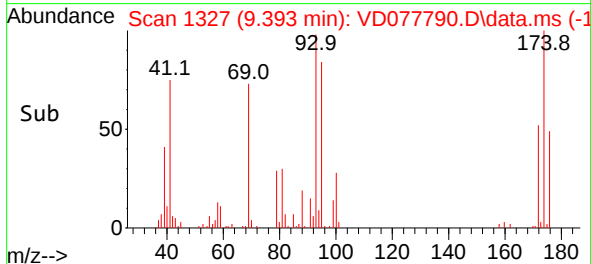
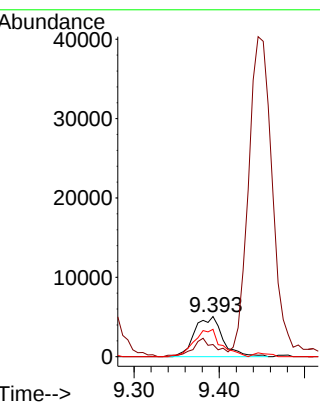
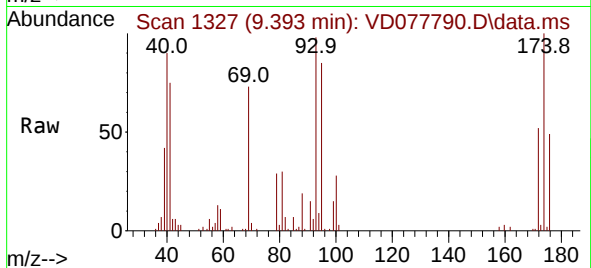
ICVVD120823

Tgt Ion: 88 Resp: 1151
Ion Ratio Lower Upper
88 100
43 37.4 19.0 28.6
58 65.3 43.5 65.3

Manual Integrations

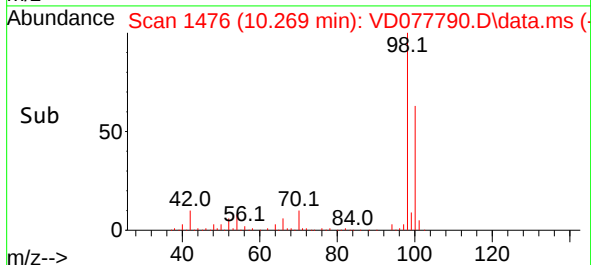
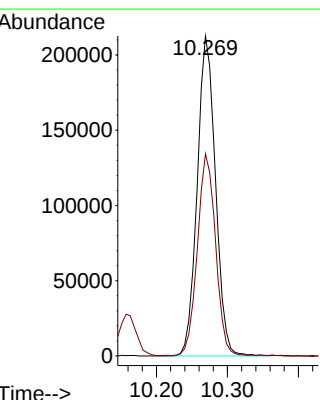
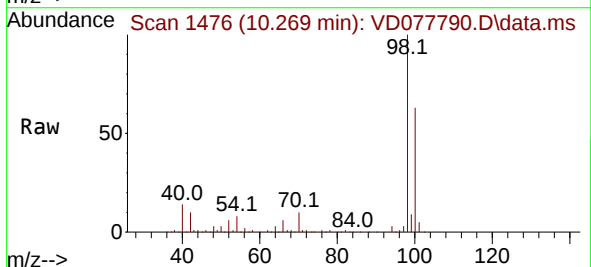
APPROVED

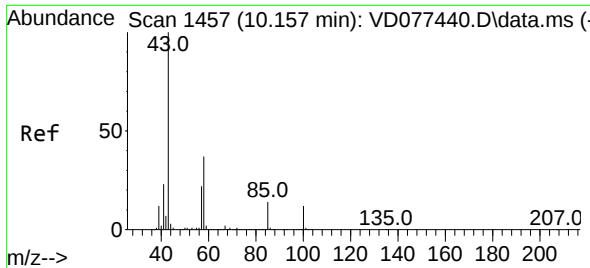
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#50
Toluene-d8
Concen: 52.373 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

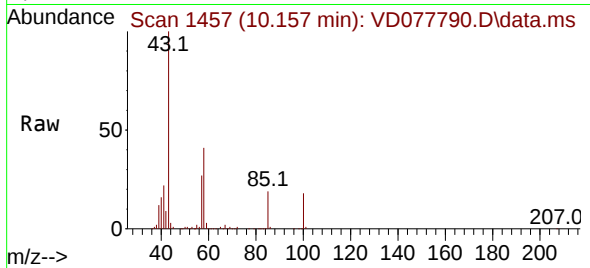
Tgt Ion: 98 Resp: 380367
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 268.518 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

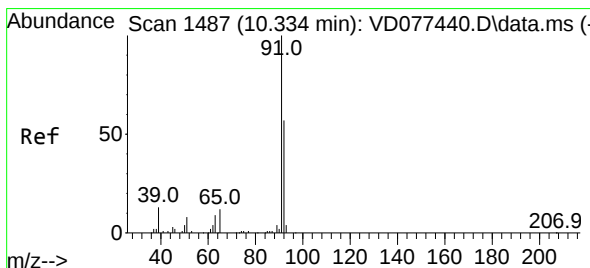
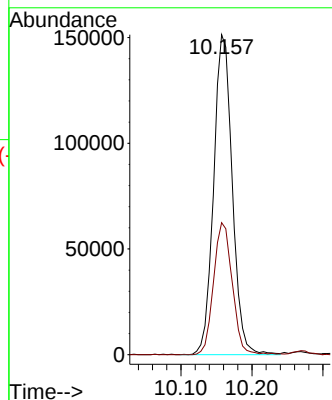
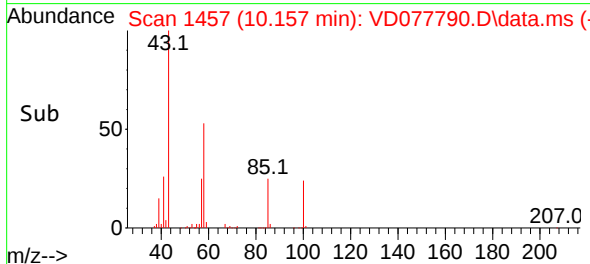
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



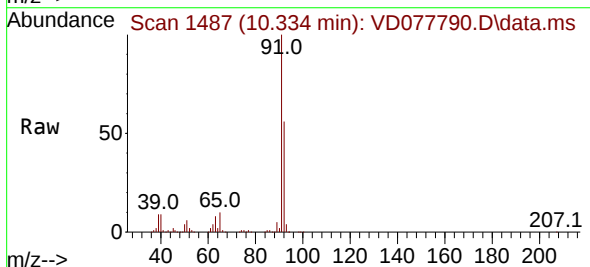
Tgt Ion: 43 Resp: 275514
Ion Ratio Lower Upper
43 100
58 41.4 38.9 58.3

Manual Integrations
APPROVED

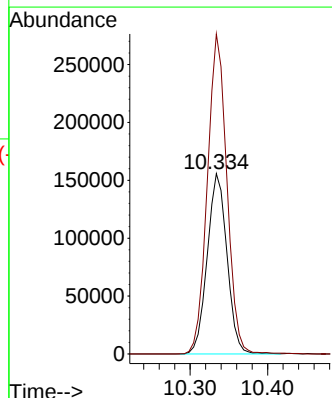
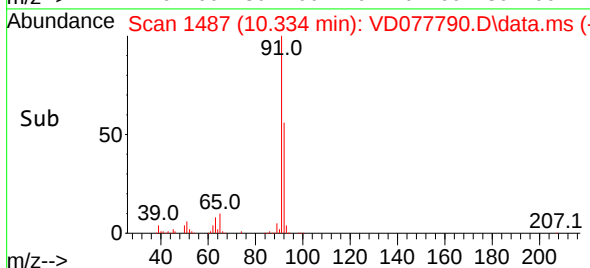
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

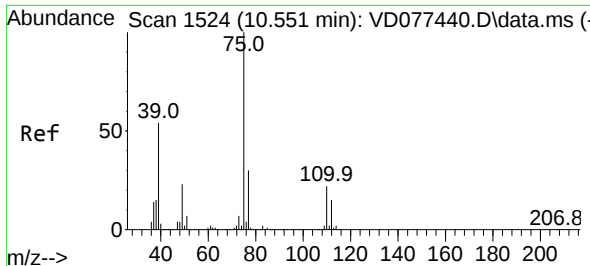


#52
Toluene
Concen: 53.926 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



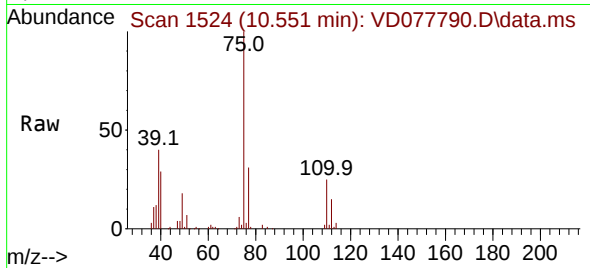
Tgt Ion: 92 Resp: 275377
Ion Ratio Lower Upper
92 100
91 175.5 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 54.098 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

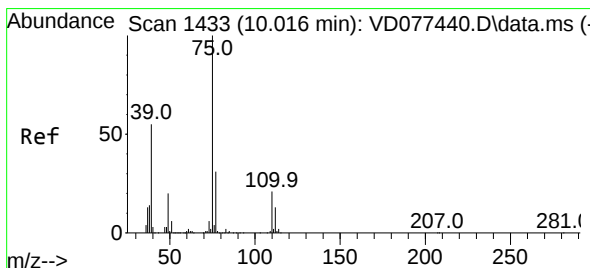
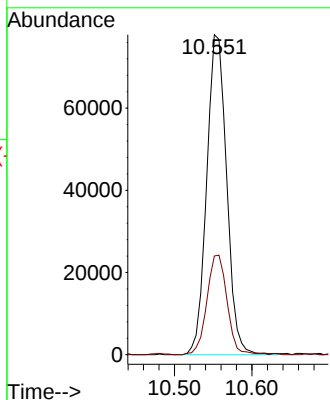
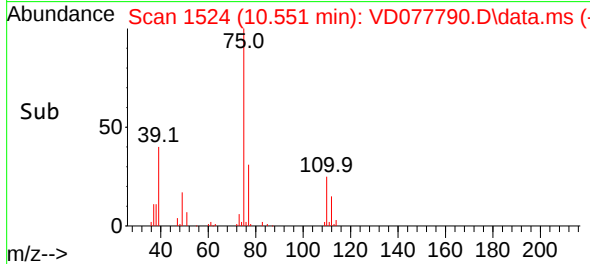
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



Tgt Ion: 75 Resp: 139429
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9

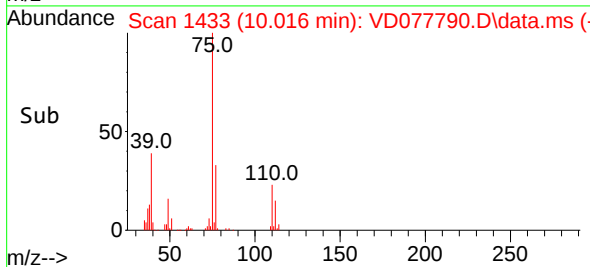
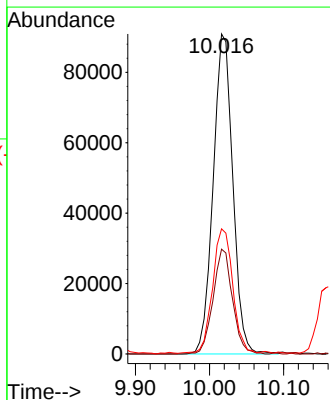
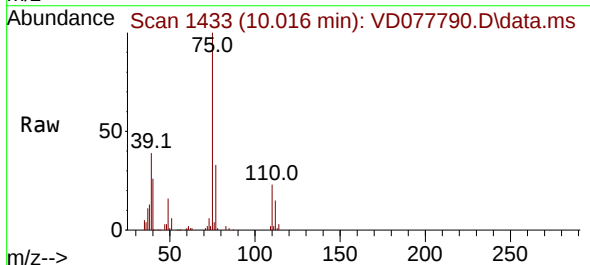
Manual Integrations
APPROVED

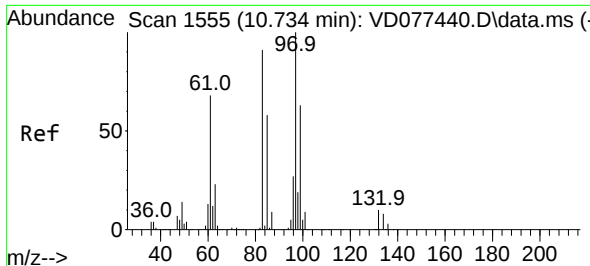
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#54
cis-1,3-Dichloropropene
Concen: 53.640 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

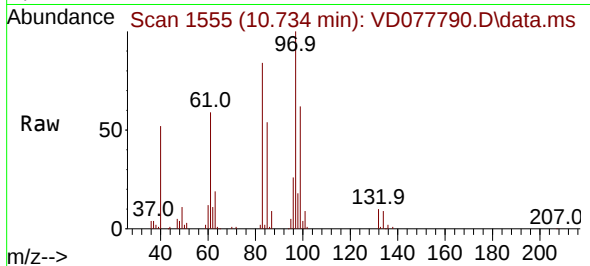
Tgt Ion: 75 Resp: 167147
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 38.9 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 53.580 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

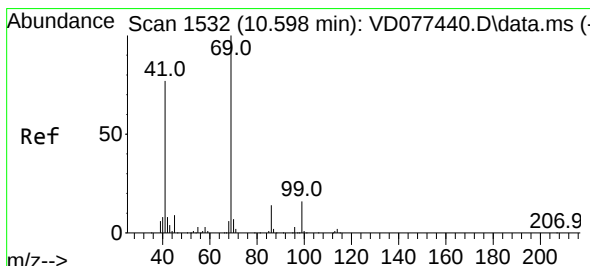
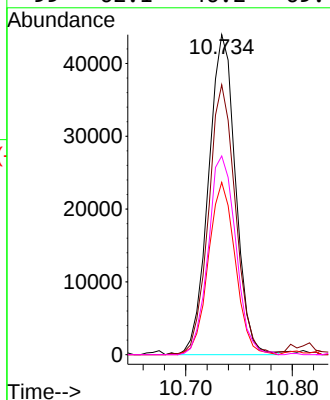
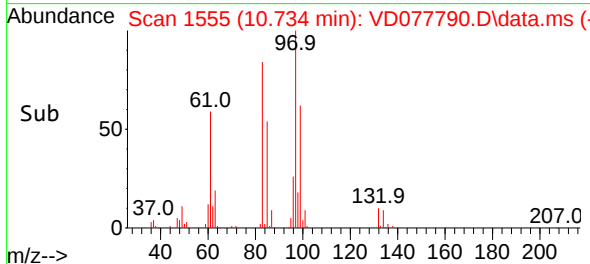
Instrument : MSVOA_D
ClientSampleId : ICVVD120823



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.8	98.6
85	53.8	45.7	68.5
99	62.1	46.2	69.4

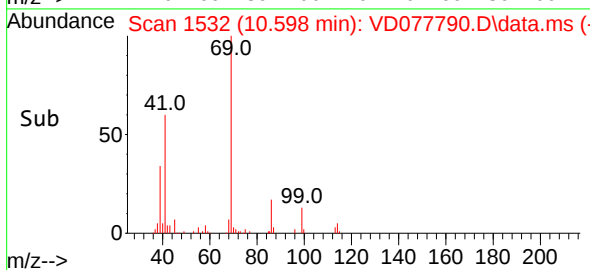
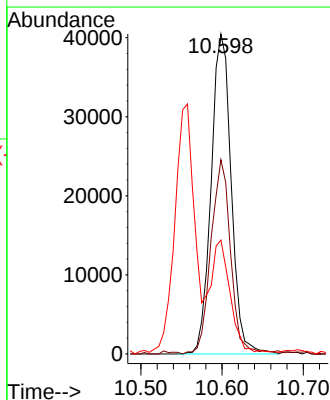
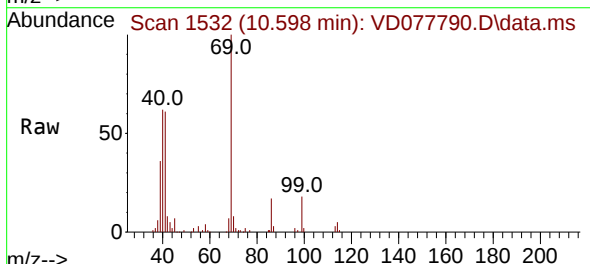
Manual Integrations
APPROVED

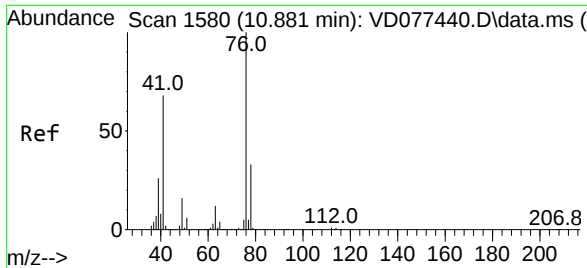
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#56
Ethyl methacrylate
Concen: 54.497 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

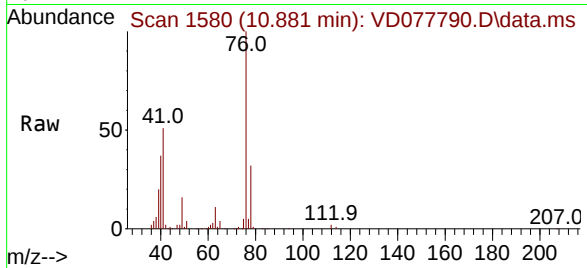
Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.1	39.1	58.7#
39	32.8	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 53.301 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

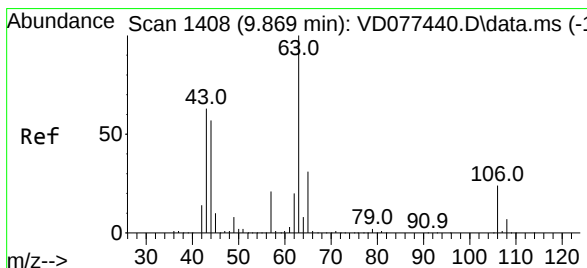
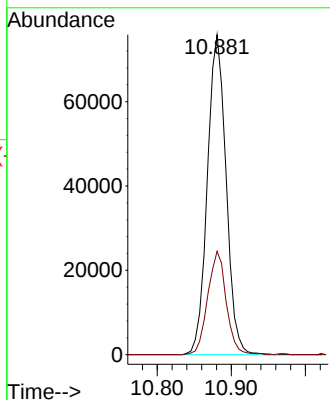
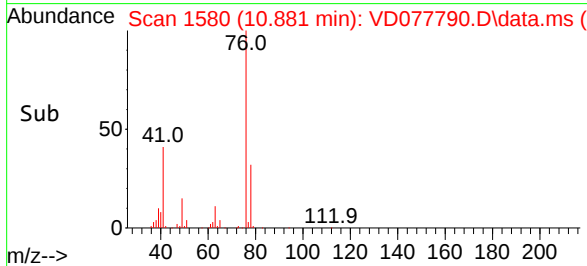
Instrument : MSVOA_D
ClientSampleId : ICVVD120823



Tgt Ion: 76 Resp: 133072
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6

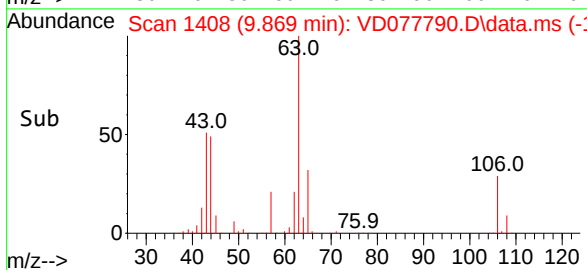
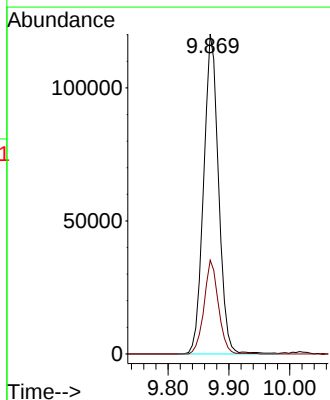
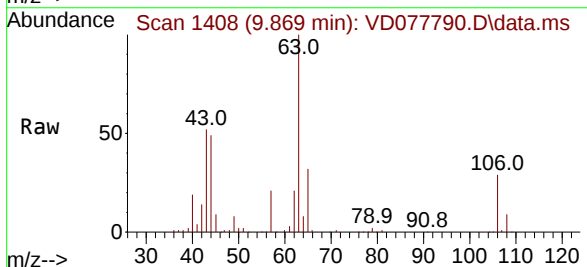
Manual Integrations
APPROVED

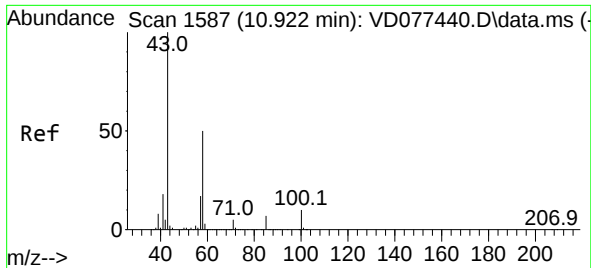
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 281.028 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

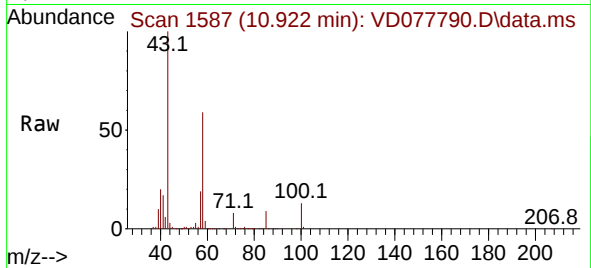
Tgt Ion: 63 Resp: 204624
Ion Ratio Lower Upper
63 100
106 28.2 25.3 37.9





#59
2-Hexanone
Concen: 237.370 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

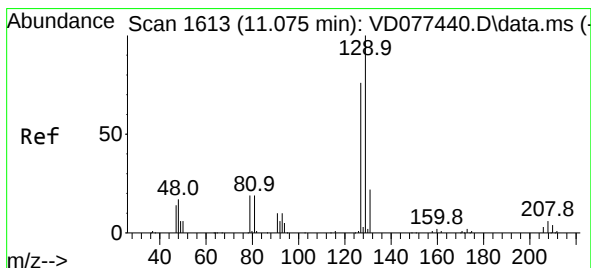
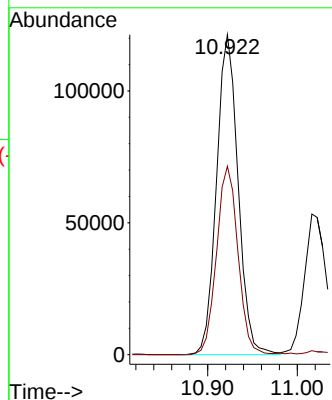
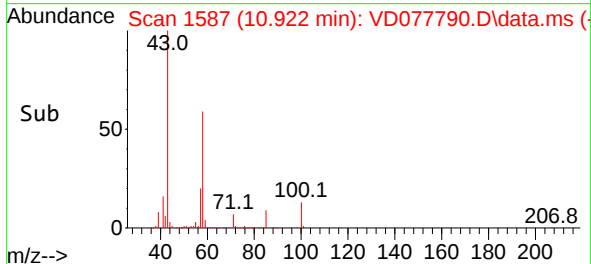
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



Tgt Ion: 43 Resp: 202064
Ion Ratio Lower Upper
43 100
58 58.6 34.1 102.2

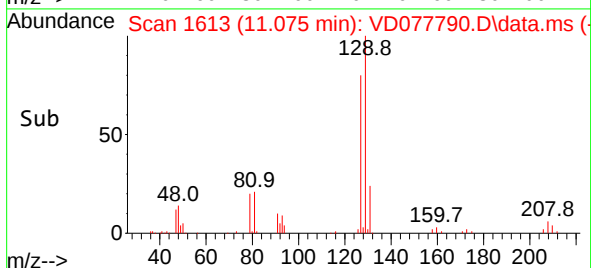
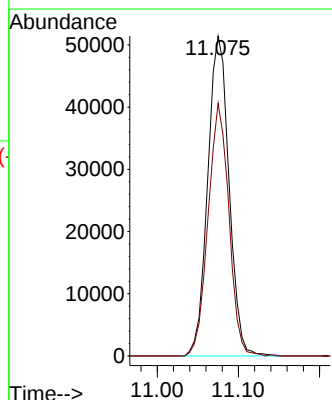
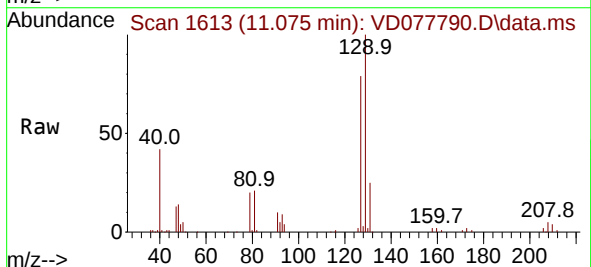
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#60
Dibromochloromethane
Concen: 53.713 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

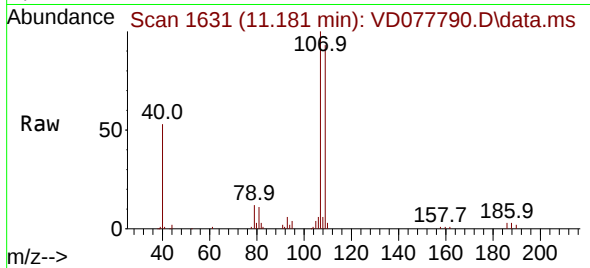
Tgt Ion:129 Resp: 93666
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 51.879 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

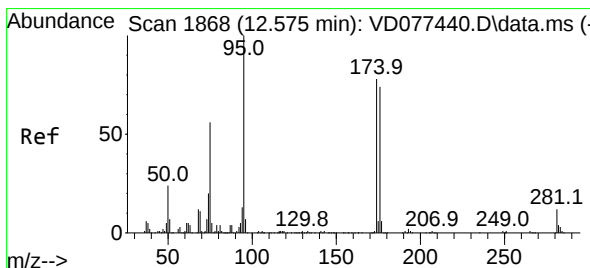
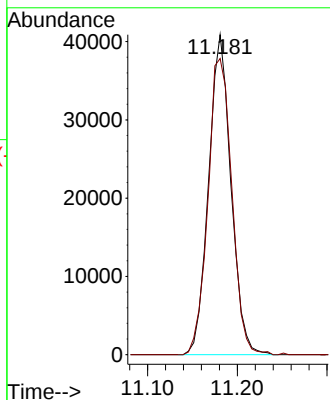
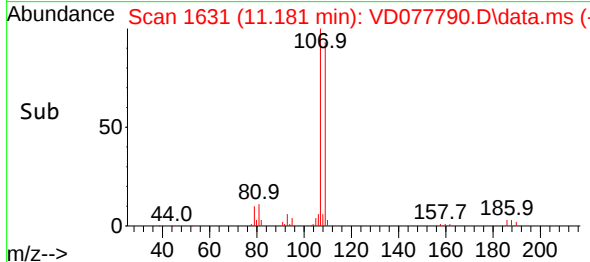
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



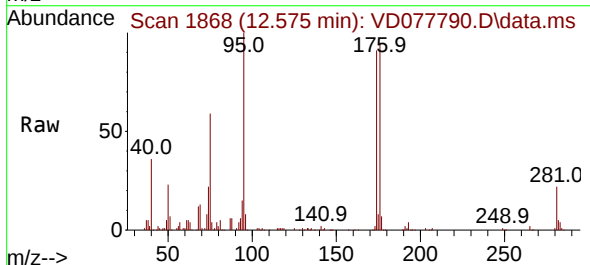
Tgt Ion:107 Resp: 7073
Ion Ratio Lower Upper
107 100
109 99.1 75.6 113.4

Manual Integrations
APPROVED

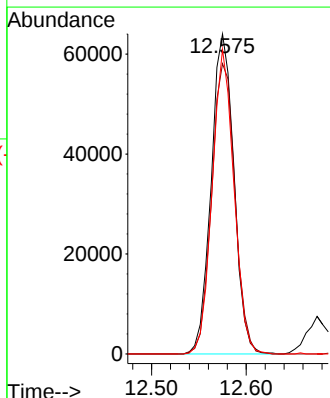
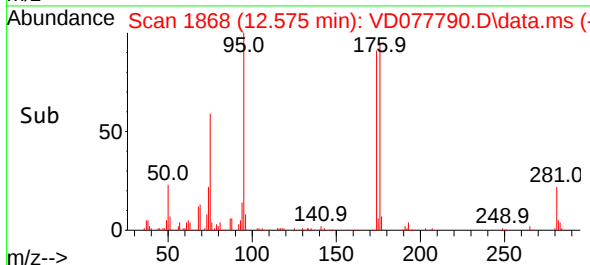
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

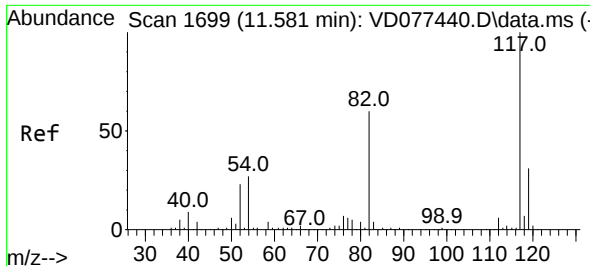


#62
4-Bromofluorobenzene
Concen: 49.244 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



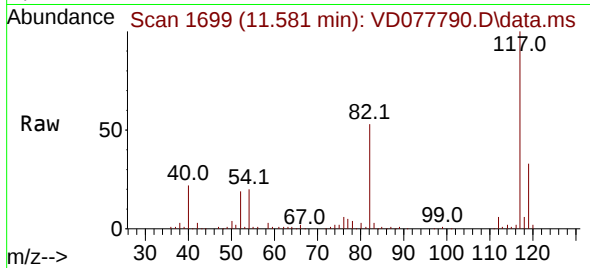
Tgt Ion: 95 Resp: 106925
Ion Ratio Lower Upper
95 100
174 92.9 0.0 201.8
176 90.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

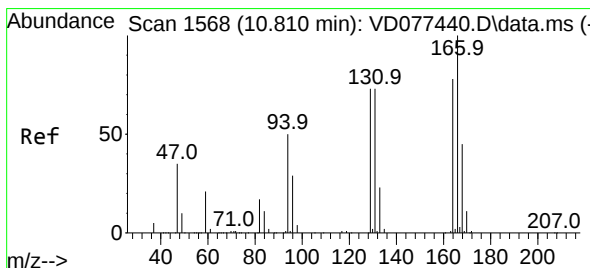
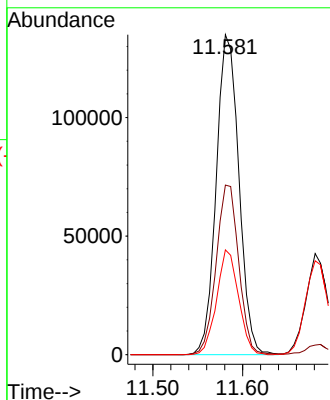
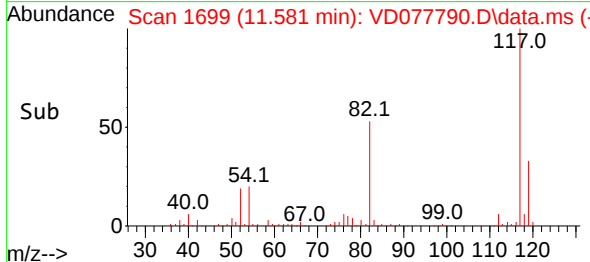
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



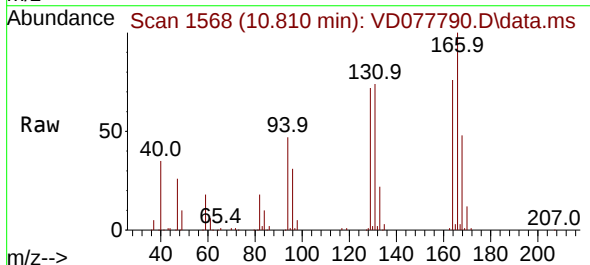
Tgt Ion:117 Resp: 236802
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 32.8 25.0 37.4

Manual Integrations
APPROVED

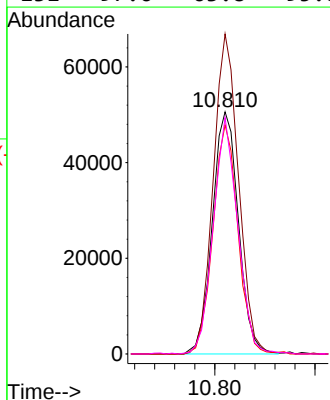
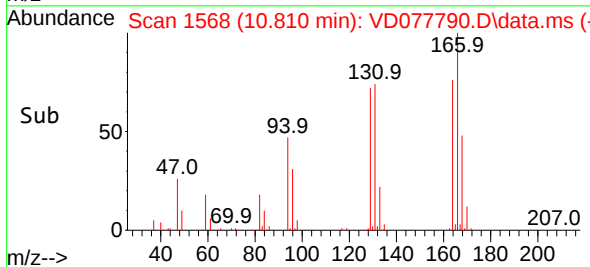
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

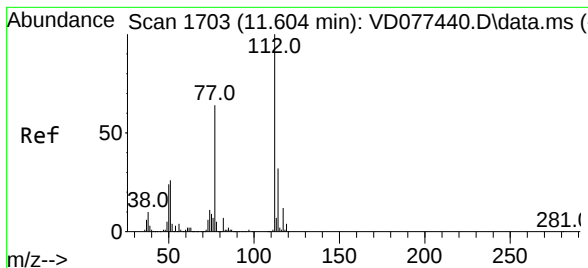


#64
Tetrachloroethene
Concen: 52.528 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



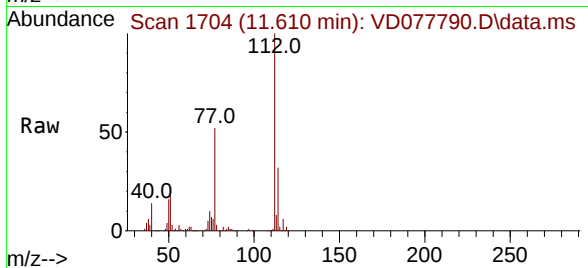
Tgt Ion:164 Resp: 91424
Ion Ratio Lower Upper
164 100
166 132.2 99.2 148.8
129 94.7 68.4 102.6
131 97.6 63.8 95.8#





#65
Chlorobenzene
Concen: 52.259 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

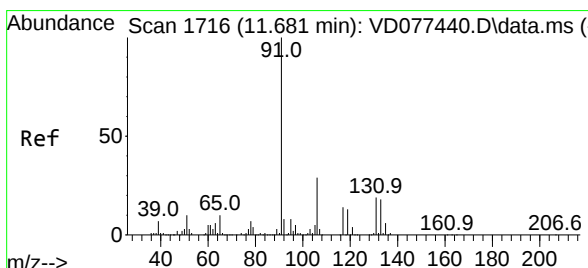
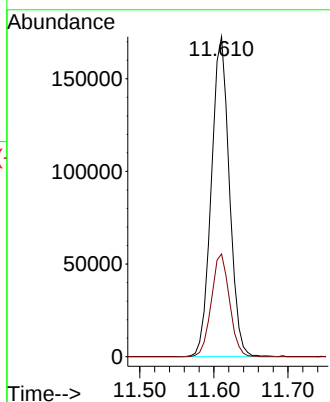
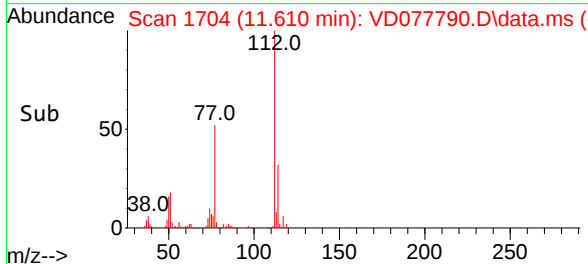
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



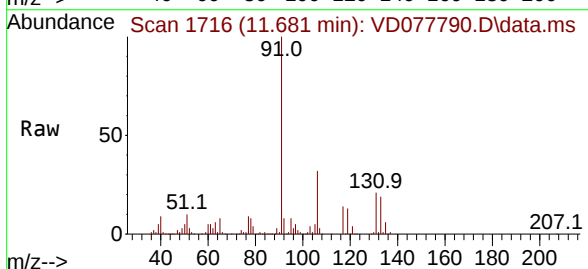
Tgt Ion:112 Resp: 291252
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

Manual Integrations
APPROVED

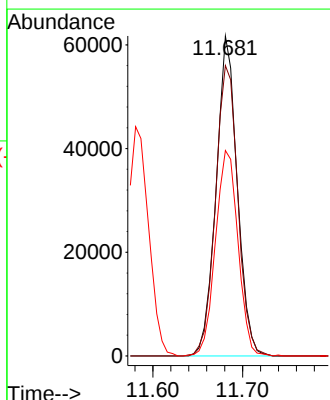
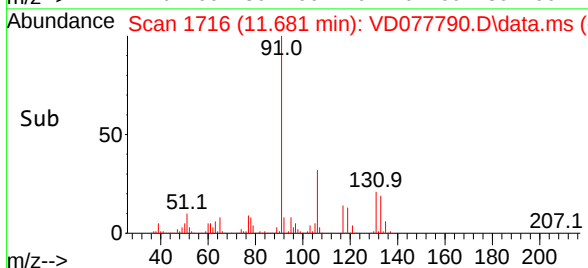
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

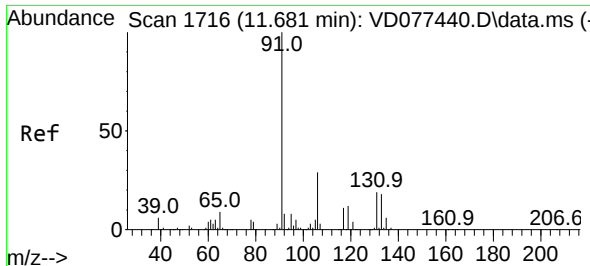


#66
1,1,1,2-Tetrachloroethane
Concen: 51.351 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



Tgt Ion:131 Resp: 101118
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.5
119 68.3 35.6 106.9





#67

Ethyl Benzene

Concen: 52.962 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

Tgt Ion: 91 Resp: 52214

Ion Ratio Lower Upper

91 100

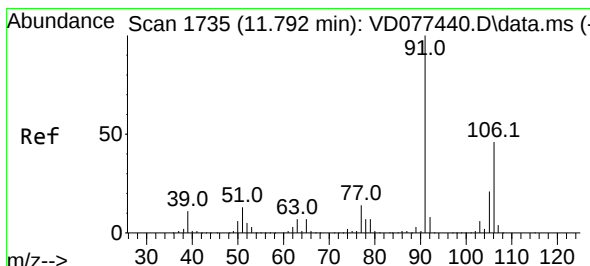
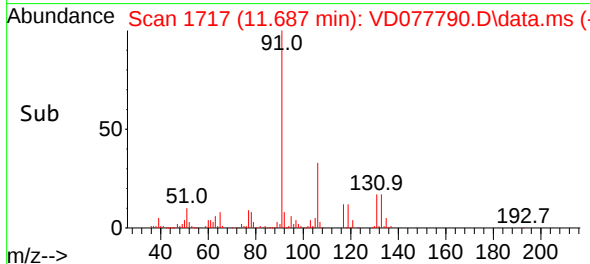
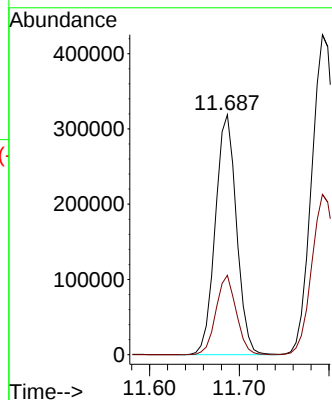
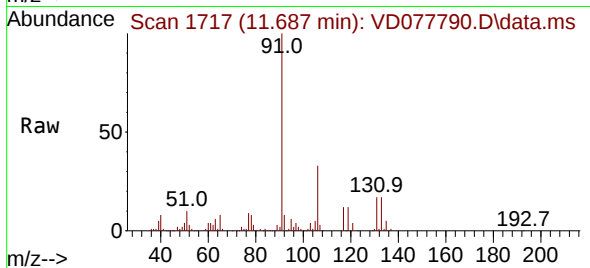
106 33.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#68

m/p-Xylenes

Concen: 107.315 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077790.D

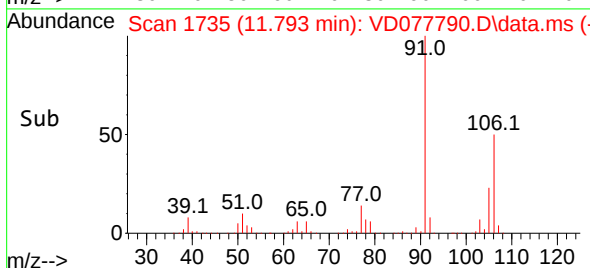
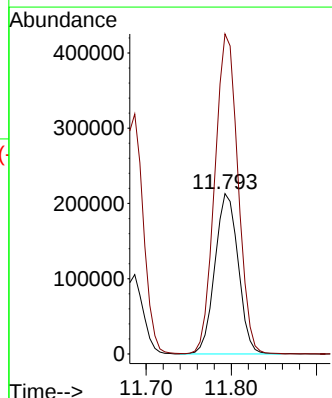
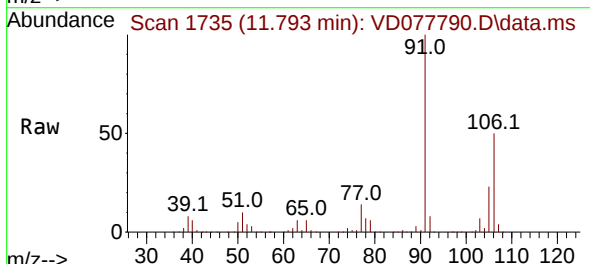
Acq: 08 Dec 2023 14:19

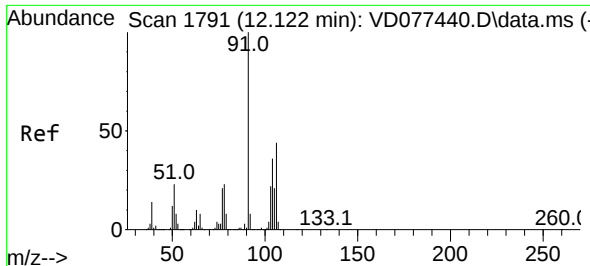
Tgt Ion:106 Resp: 404688

Ion Ratio Lower Upper

106 100

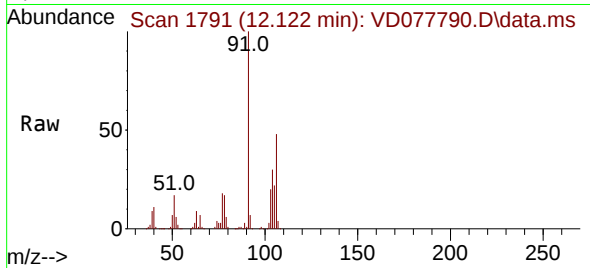
91 198.8 147.0 220.6





#69
o-Xylene
Concen: 54.339 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

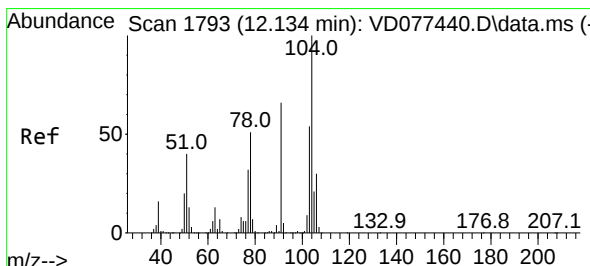
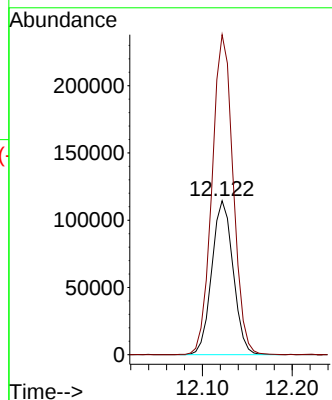
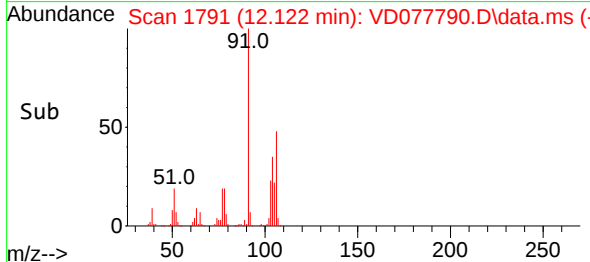
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



Tgt Ion:106 Resp: 18885
Ion Ratio Lower Upper
106 100
91 206.2 97.9 293.6

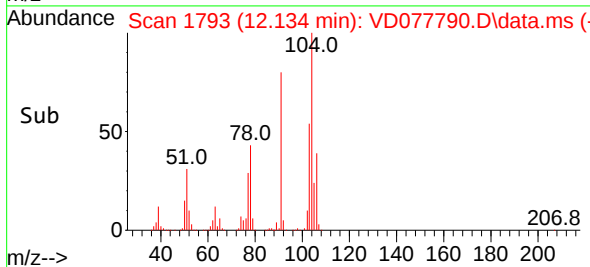
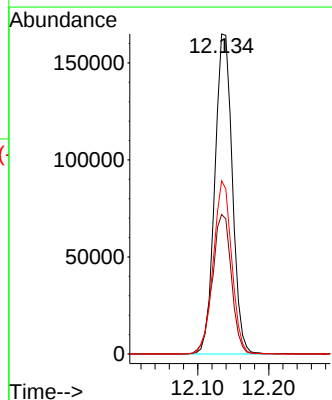
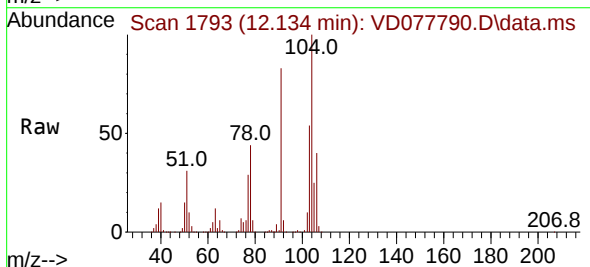
Manual Integrations
APPROVED

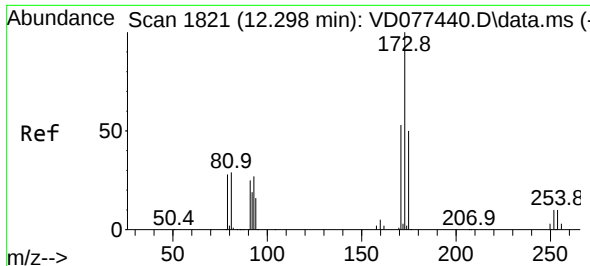
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#70
Styrene
Concen: 54.572 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

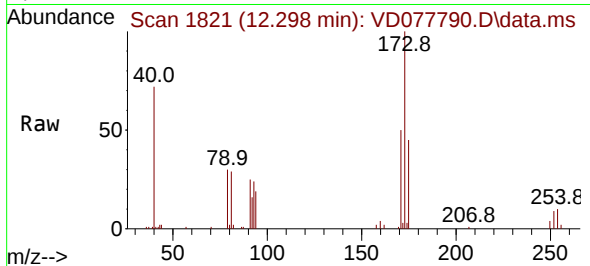
Tgt Ion:104 Resp: 282018
Ion Ratio Lower Upper
104 100
78 47.7 33.2 49.8
103 56.6 43.6 65.4





#71
Bromoform
Concen: 53.644 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

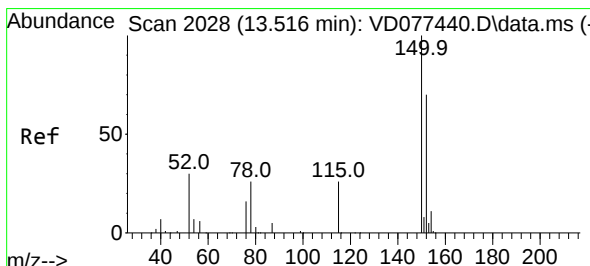
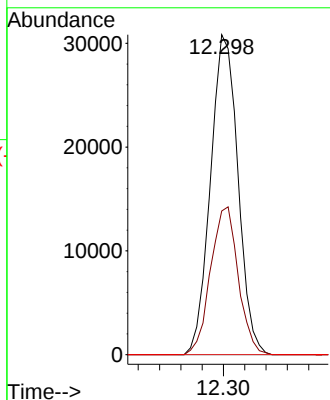
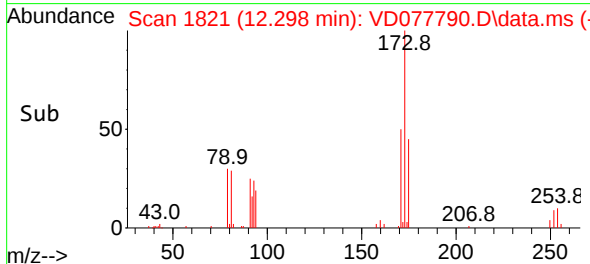
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



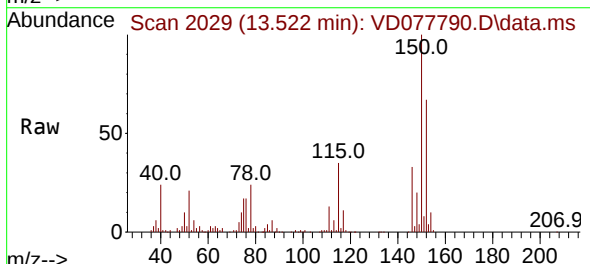
Tgt Ion:173 Resp: 55194
Ion Ratio Lower Upper
173 100
175 46.4 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
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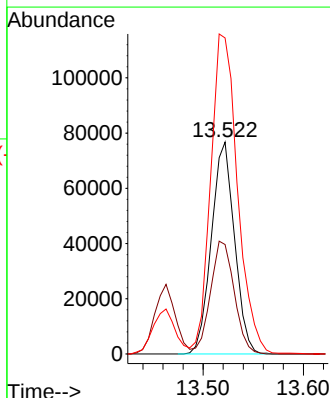
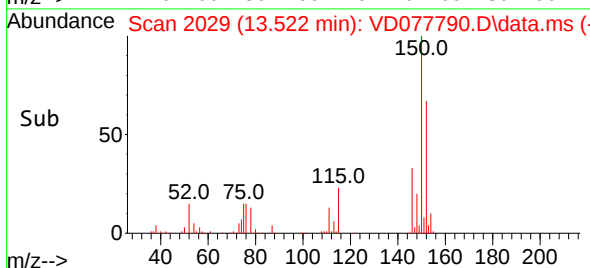
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

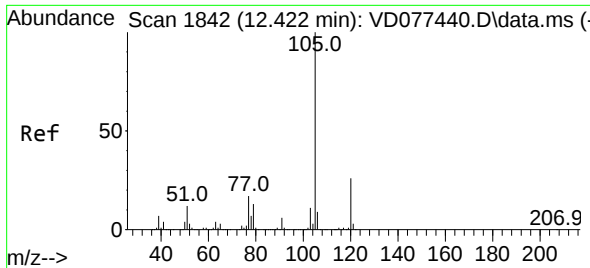


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



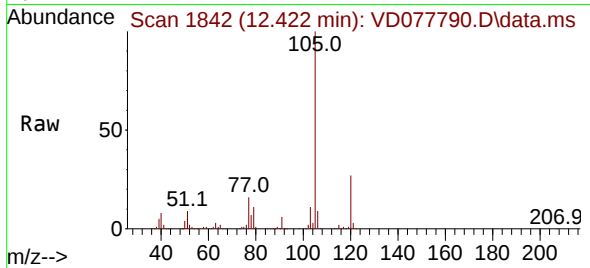
Tgt Ion:152 Resp: 122550
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 175.3 0.0 353.6





#73
Isopropylbenzene
Concen: 54.026 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

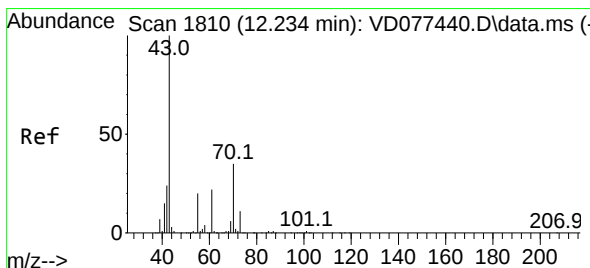
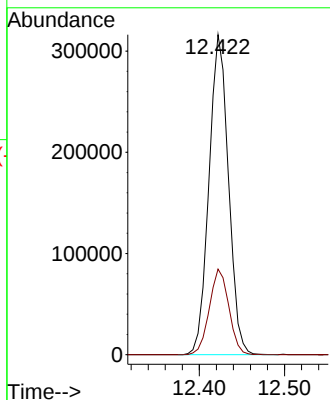
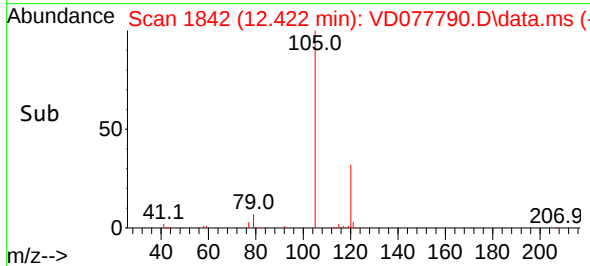
Instrument : MSVOA_D
ClientSampleId : ICVVD120823



Tgt Ion:105 Resp: 50180
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9

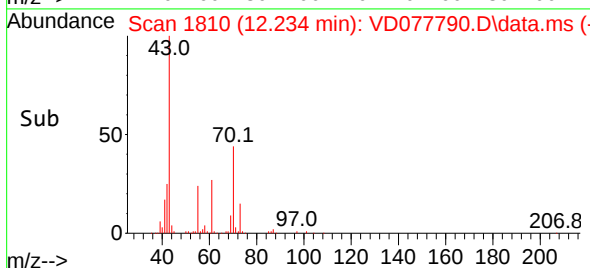
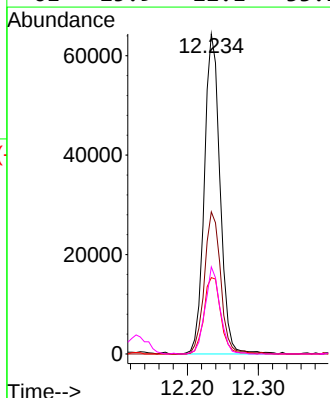
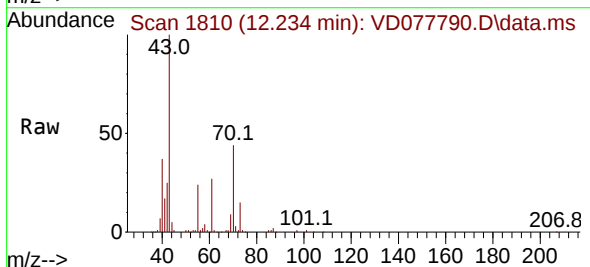
Manual Integrations
APPROVED

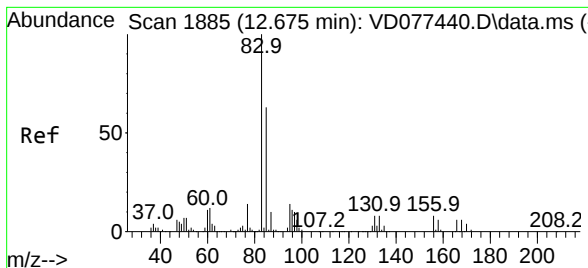
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#74
N-ethyl acetate
Concen: 54.417 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion: 43 Resp: 99354
Ion Ratio Lower Upper
43 100
70 45.9 45.0 67.4
55 25.6 23.8 35.6
61 25.9 22.1 33.1





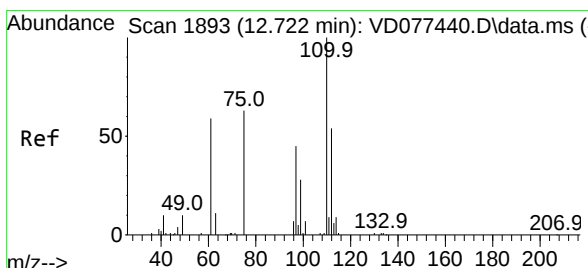
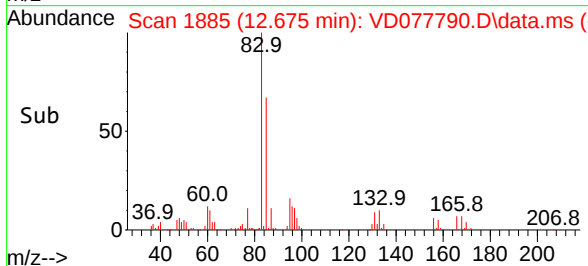
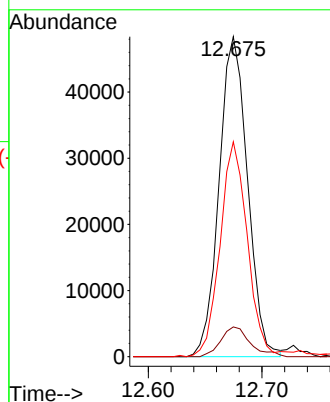
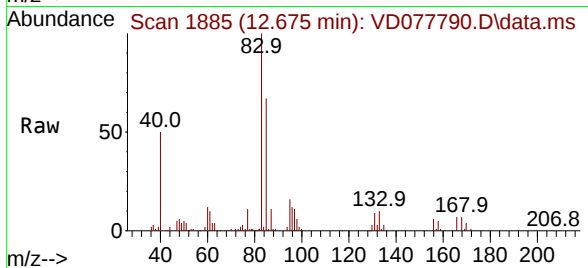
#75
1,1,2,2-Tetrachloroethane
Concen: 51.958 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Instrument : MSVOA_D
ClientSampleId : ICVVD120823

Tgt Ion: 83 Resp: 8414
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.6 32.6 97.8

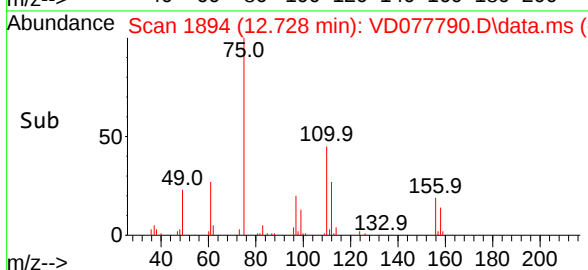
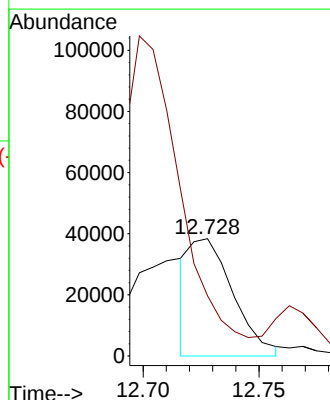
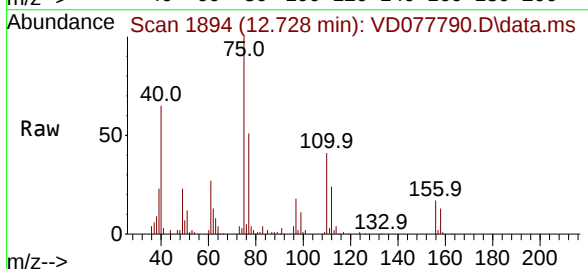
Manual Integrations
APPROVED

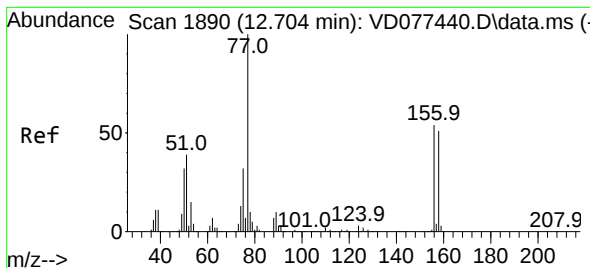
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#76
1,2,3-Trichloropropane
Concen: 47.430 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion: 75 Resp: 50482
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.847 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

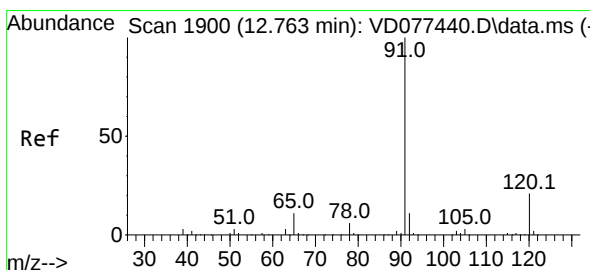
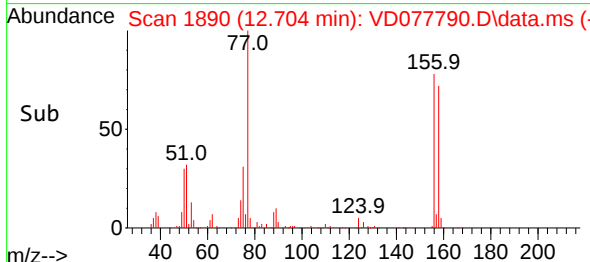
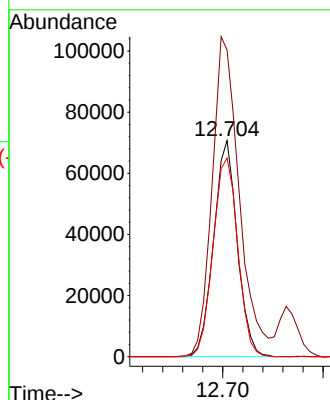
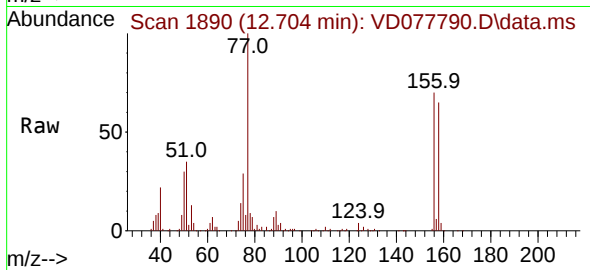
ICVVD120823

Tgt Ion:	156	Resp:	115450
Ion Ratio	Lower	Upper	
156	100		
77	170.0	76.8	230.4
158	96.3	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#78

n-propylbenzene

Concen: 53.474 ug/l

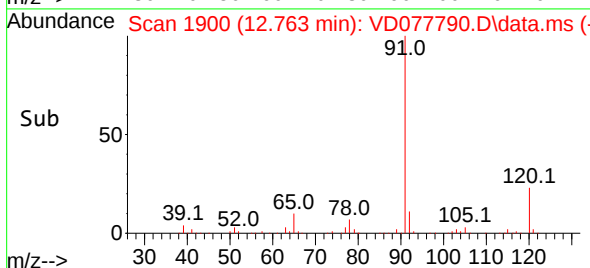
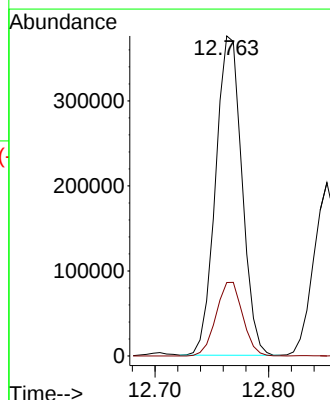
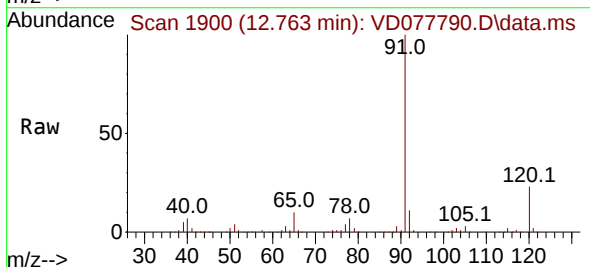
RT: 12.763 min Scan# 1900

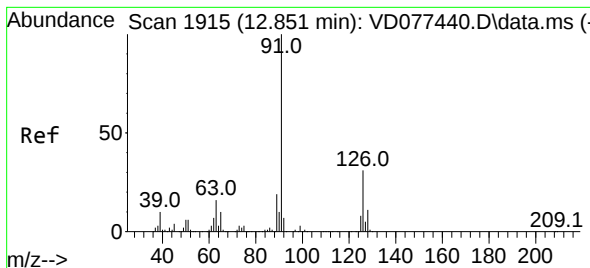
Delta R.T. 0.000 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Tgt Ion:	91	Resp:	605215
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.4	37.2





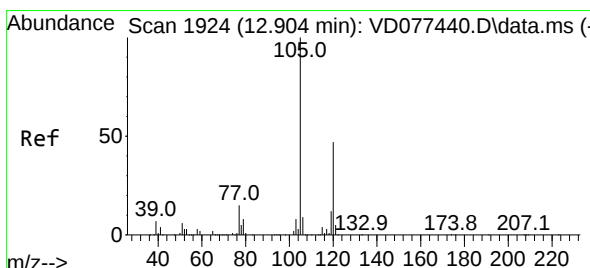
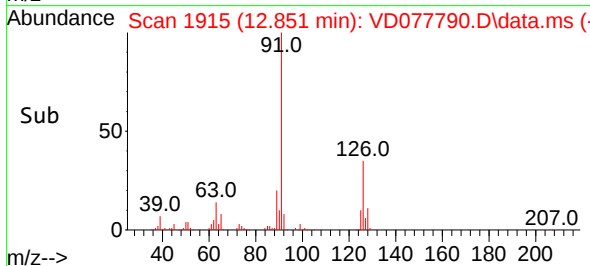
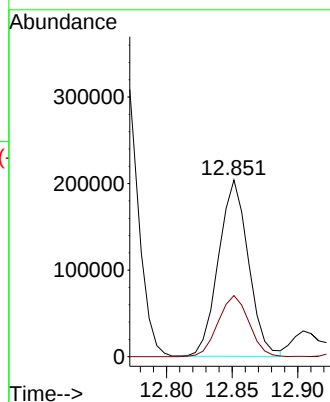
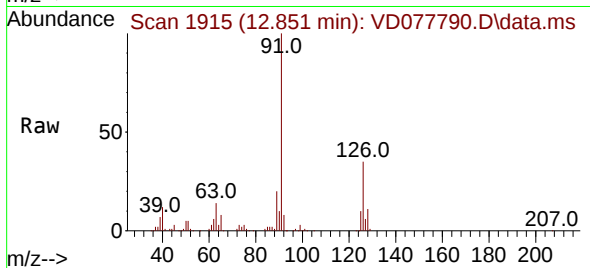
#79
2-Chlorotoluene
Concen: 53.276 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823

Tgt Ion: 91 Resp: 323144
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1

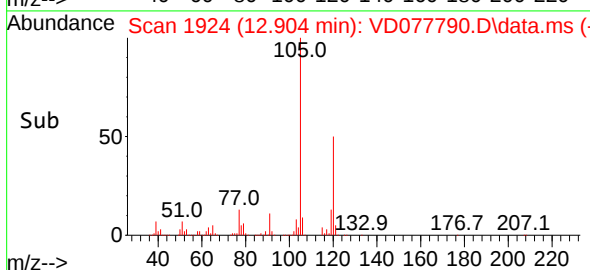
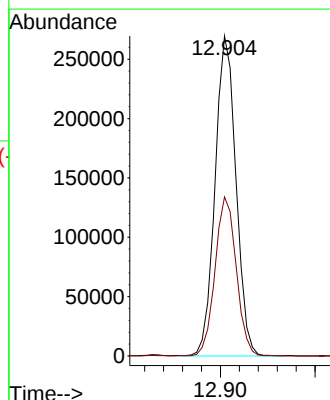
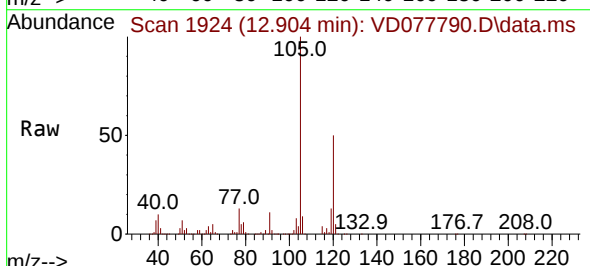
Manual Integrations
APPROVED

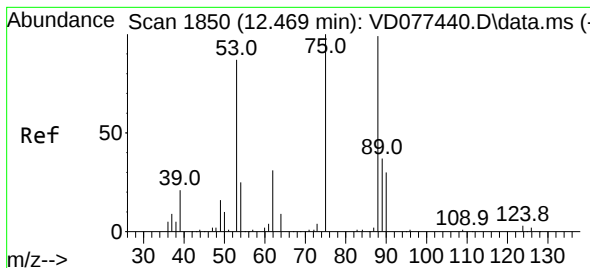
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.335 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion:105 Resp: 413173
Ion Ratio Lower Upper
105 100
120 50.5 26.4 79.2





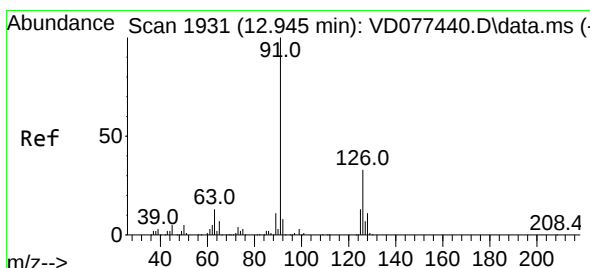
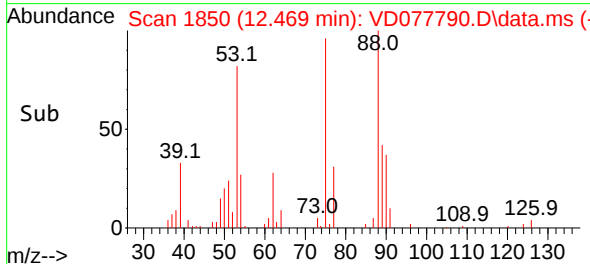
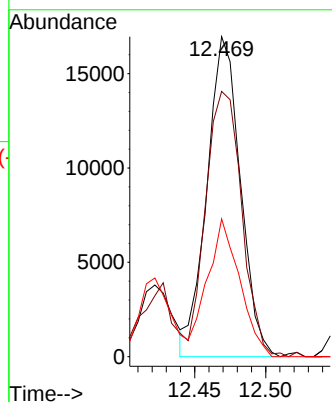
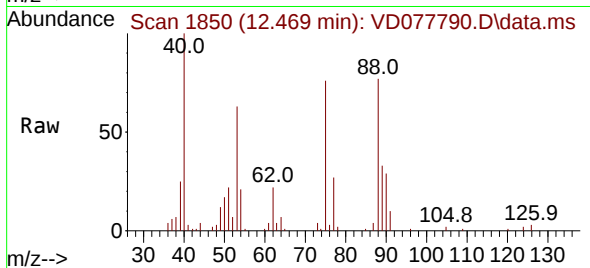
#81
trans-1,4-Dichloro-2-butene
Concen: 52.792 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823

Tgt Ion: 75 Resp: 2773
Ion Ratio Lower Upper
75 100
53 88.7 63.0 94.4
89 41.7 37.9 56.9

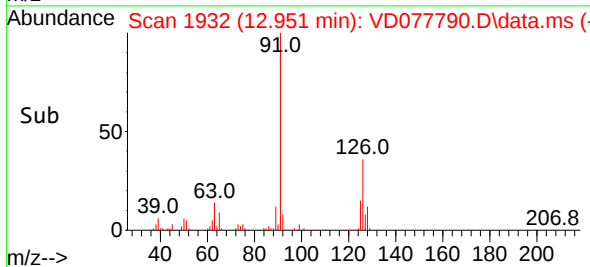
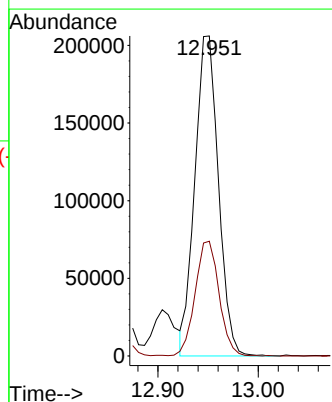
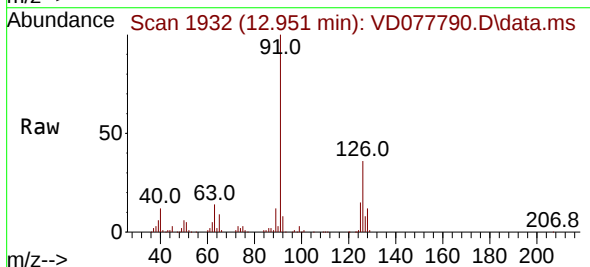
Manual Integrations
APPROVED

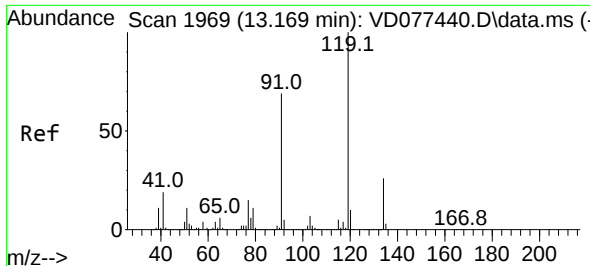
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#82
4-Chlorotoluene
Concen: 53.178 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

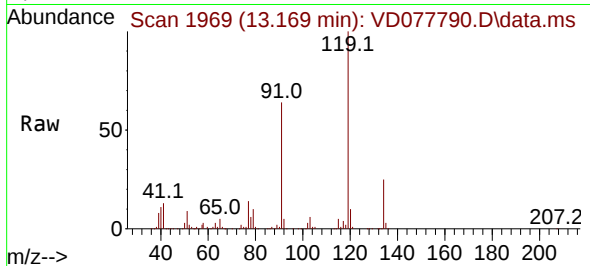
Tgt Ion: 91 Resp: 337196
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4





#83
tert-Butylbenzene
Concen: 54.380 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

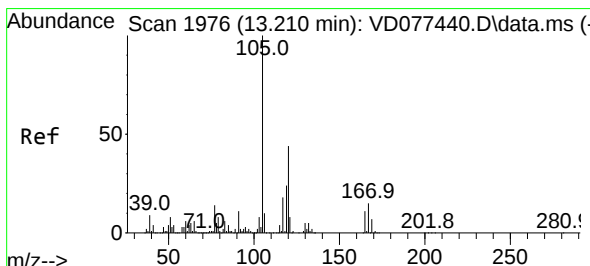
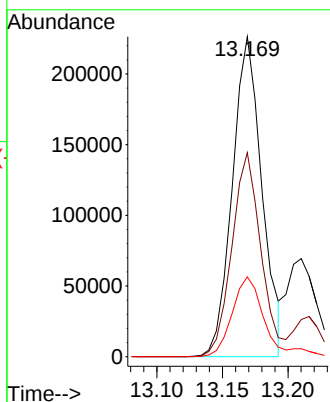
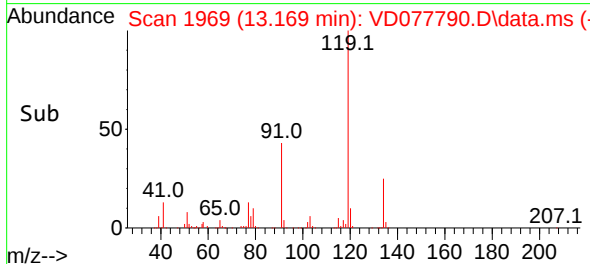
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



Tgt Ion:119 Resp: 35564
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.8
134 27.4 14.1 42.3

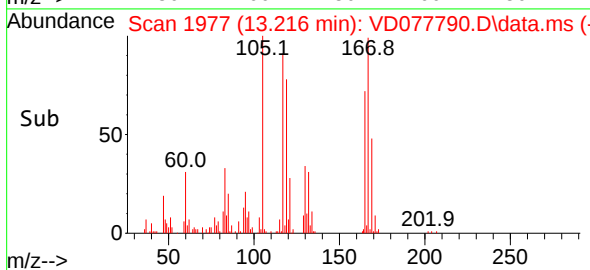
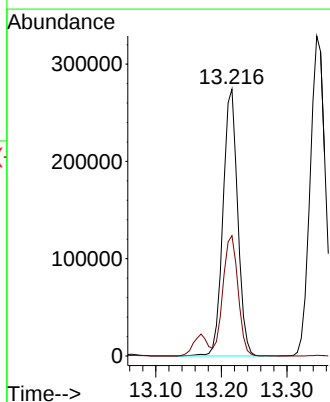
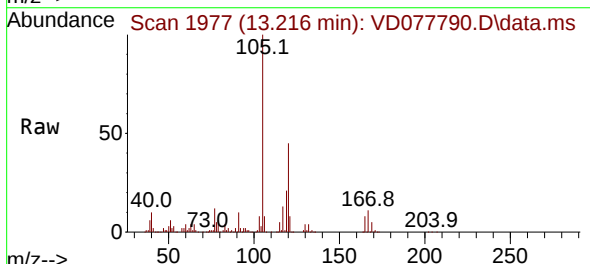
Manual Integrations
APPROVED

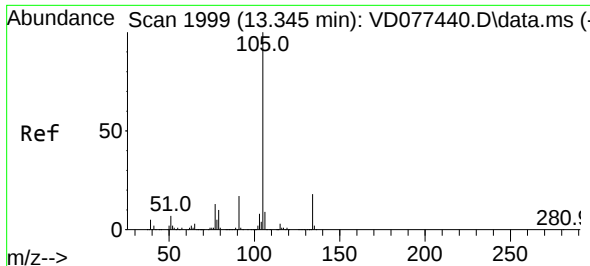
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 54.958 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

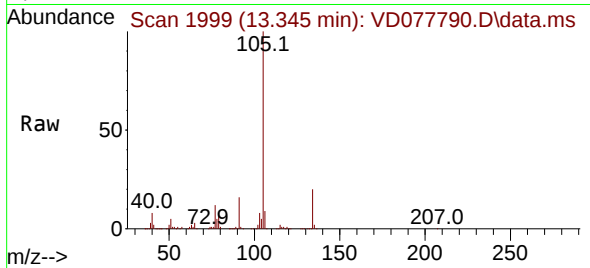
Tgt Ion:105 Resp: 425821
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 54.838 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077790.D
 Acq: 08 Dec 2023 14:19

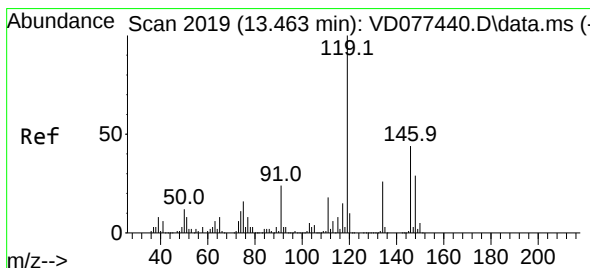
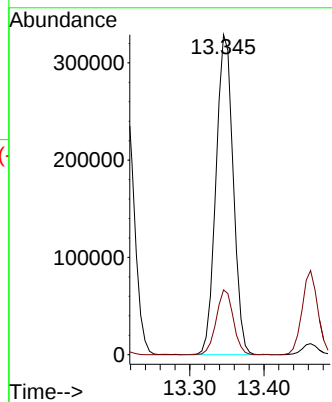
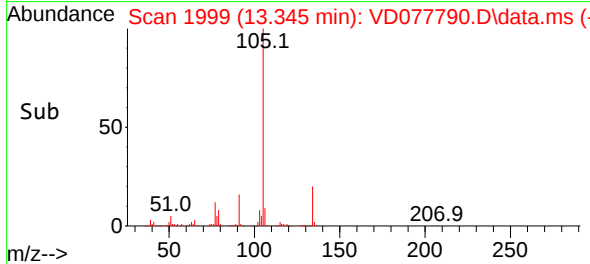
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120823



Tgt Ion:105 Resp: 530125
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

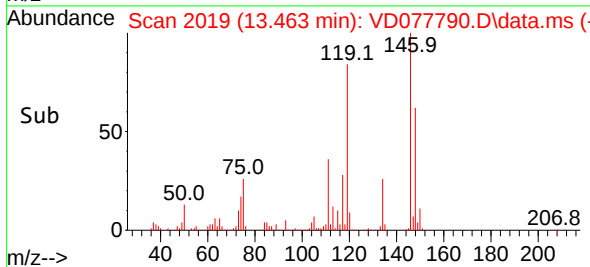
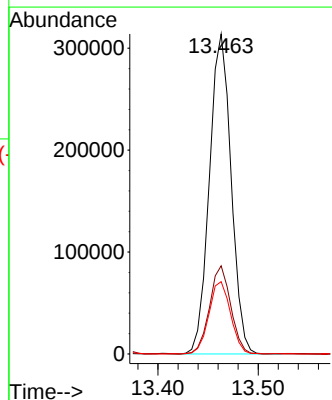
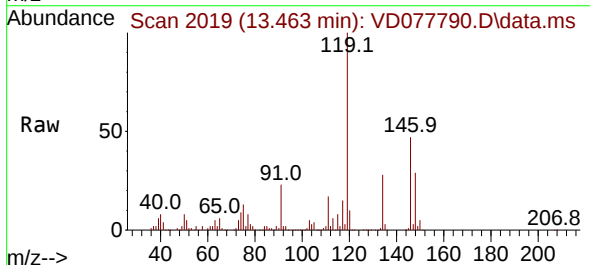
Manual Integrations
 APPROVED

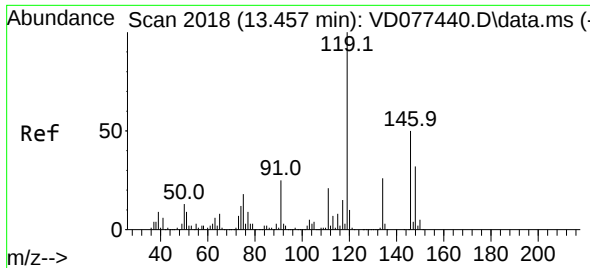
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023



#86
 p-Isopropyltoluene
 Concen: 54.709 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077790.D
 Acq: 08 Dec 2023 14:19

Tgt Ion:119 Resp: 473518
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 22.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 53.269 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823

Tgt Ion:146 Resp: 237990

Ion Ratio Lower Upper

146 100

111 37.4 17.9 53.8

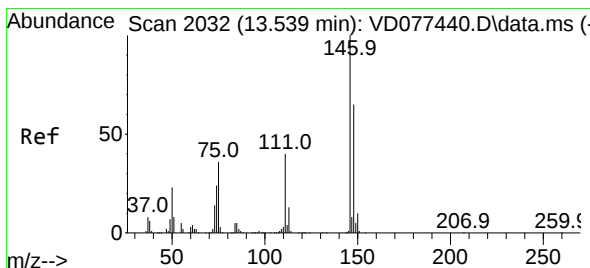
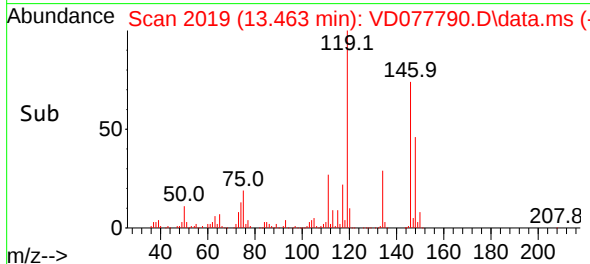
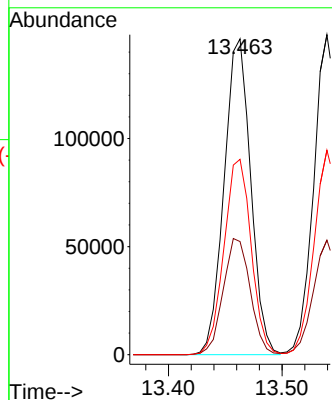
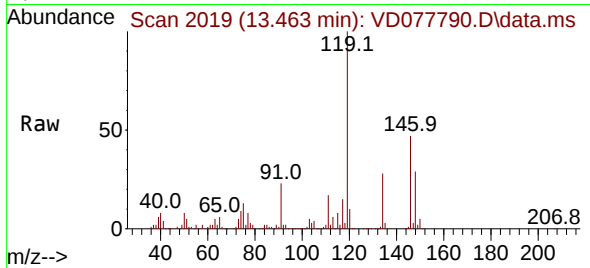
148 63.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#88

1,4-Dichlorobenzene

Concen: 53.444 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

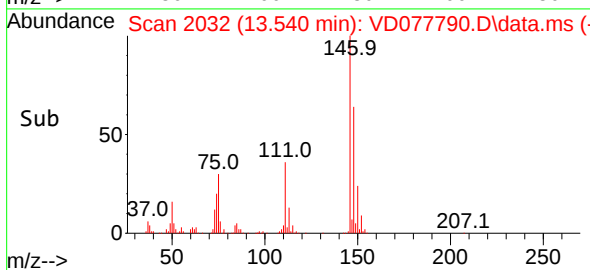
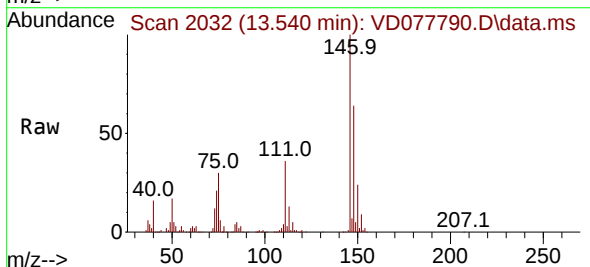
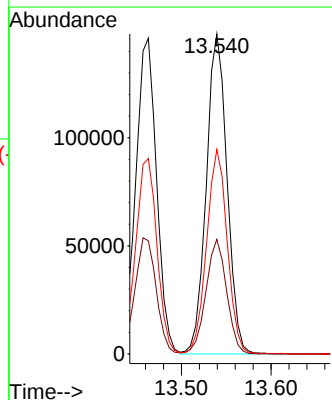
Tgt Ion:146 Resp: 237834

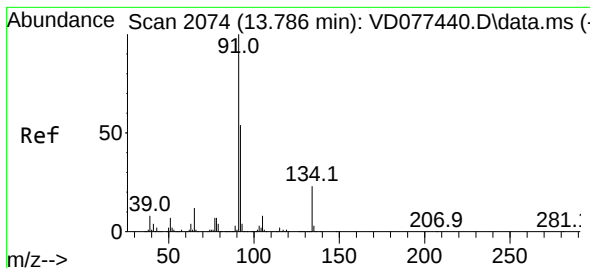
Ion Ratio Lower Upper

146 100

111 35.8 17.4 52.3

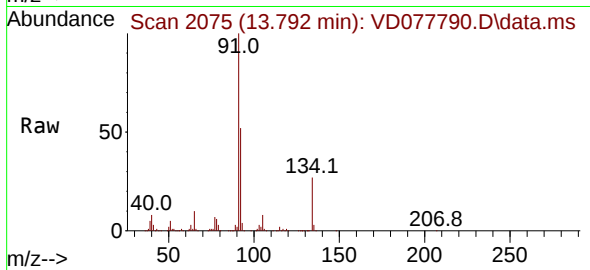
148 63.6 31.7 95.1





#89
n-Butylbenzene
Concen: 54.845 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

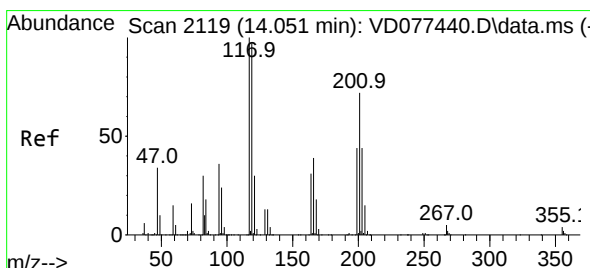
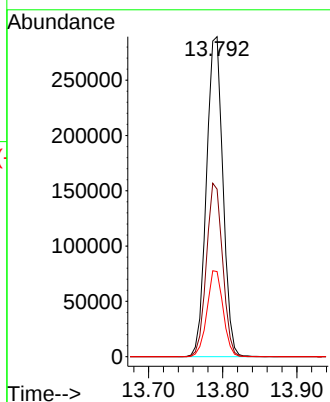
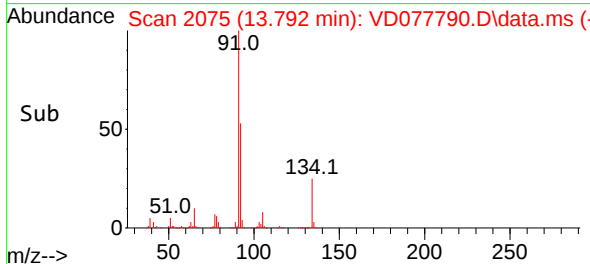
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



Tgt Ion: 91 Resp: 446670
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 26.4 13.8 41.3

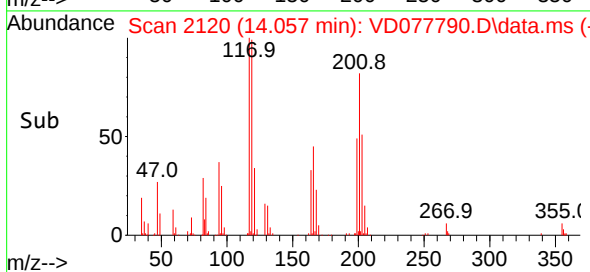
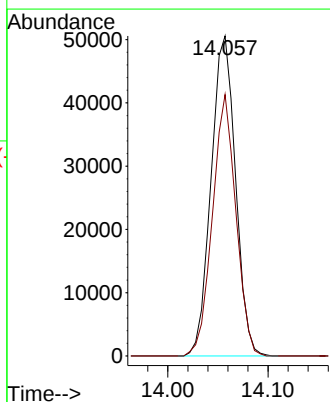
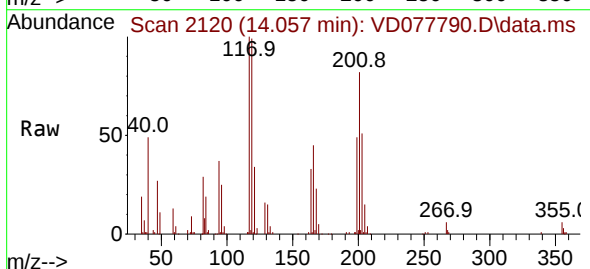
Manual Integrations
APPROVED

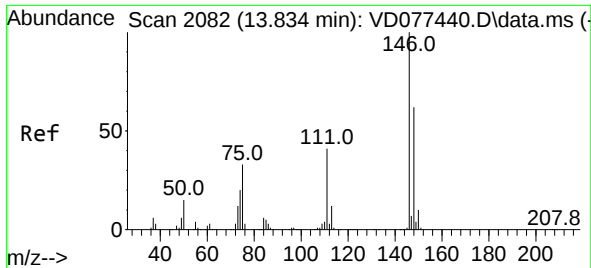
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#90
Hexachloroethane
Concen: 53.798 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion:117 Resp: 85634
Ion Ratio Lower Upper
117 100
201 78.4 38.5 115.5





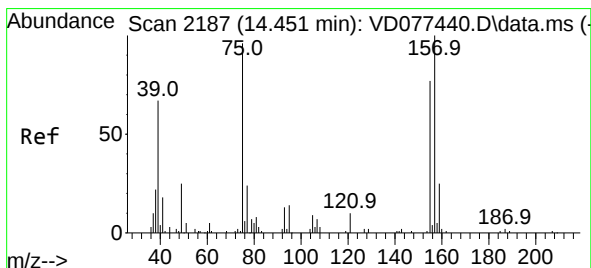
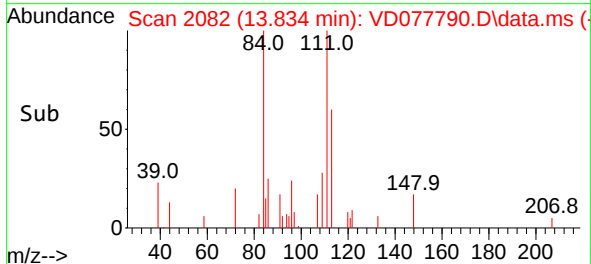
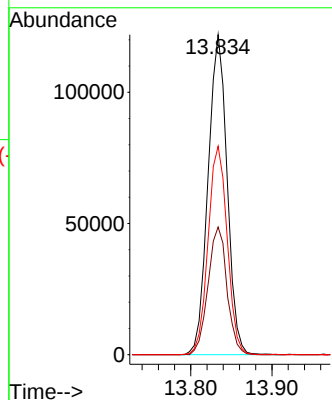
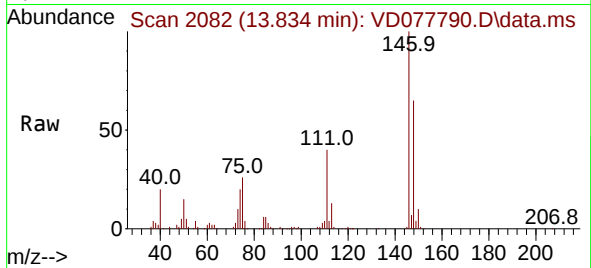
#91
1,2-Dichlorobenzene
Concen: 52.140 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823

Tgt Ion:146 Resp: 19811
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 65.4 31.6 94.7

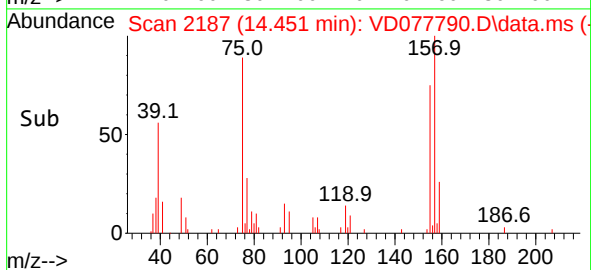
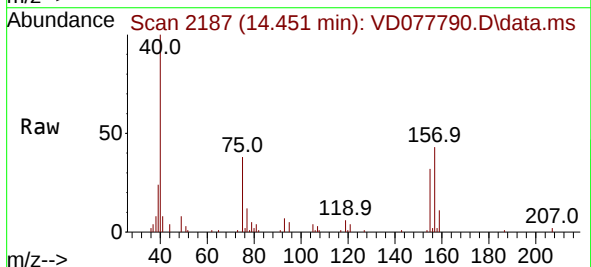
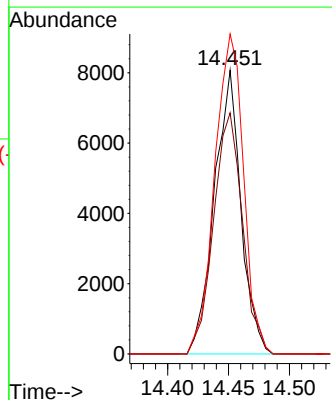
Manual Integrations
APPROVED

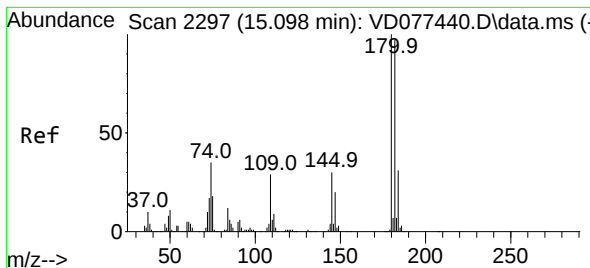
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.430 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

Tgt Ion: 75 Resp: 12289
Ion Ratio Lower Upper
75 100
155 92.2 47.9 143.8
157 122.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.446 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077790.D

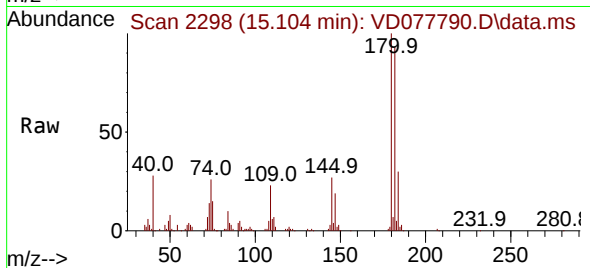
Acq: 08 Dec 2023 14:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD120823



Tgt Ion:180 Resp: 136119

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

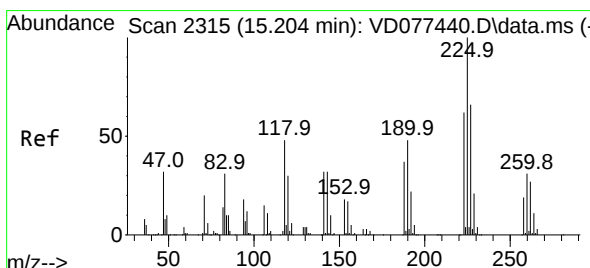
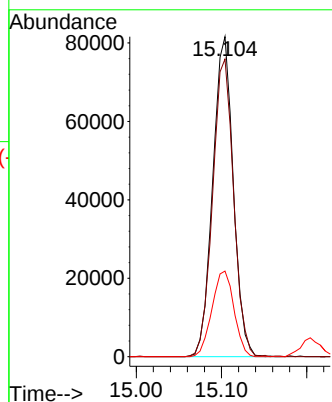
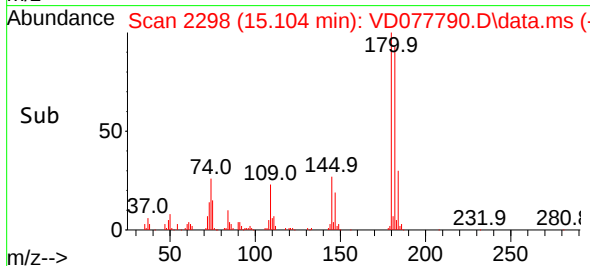
145 28.8 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#94

Hexachlorobutadiene

Concen: 54.337 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077790.D

Acq: 08 Dec 2023 14:19

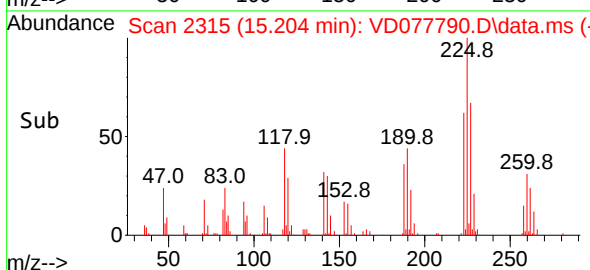
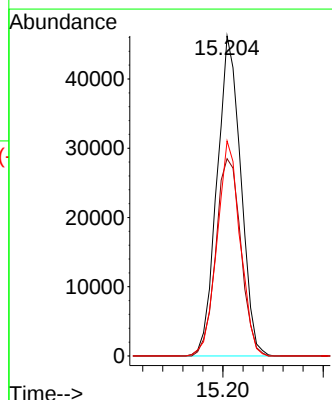
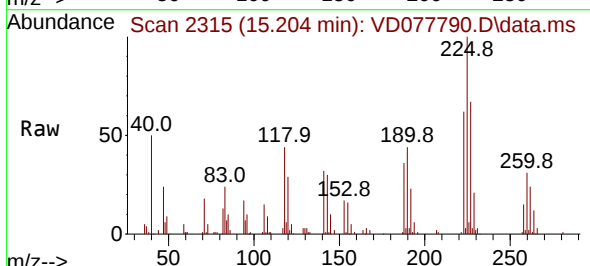
Tgt Ion:225 Resp: 76047

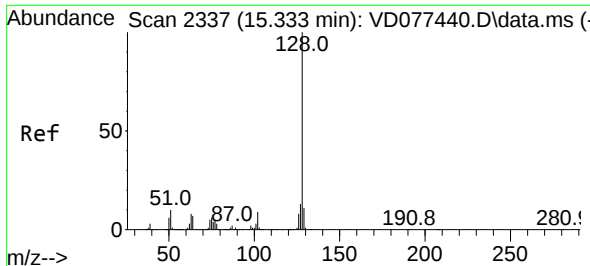
Ion Ratio Lower Upper

225 100

223 64.9 31.6 94.8

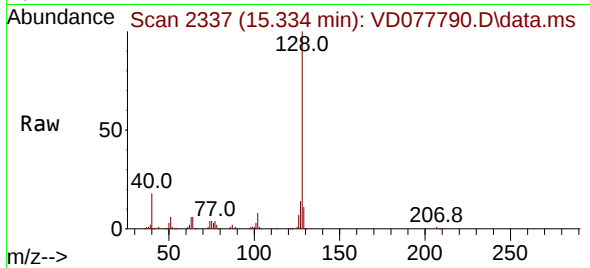
227 65.3 31.7 95.1





#95
Naphthalene
Concen: 56.245 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19

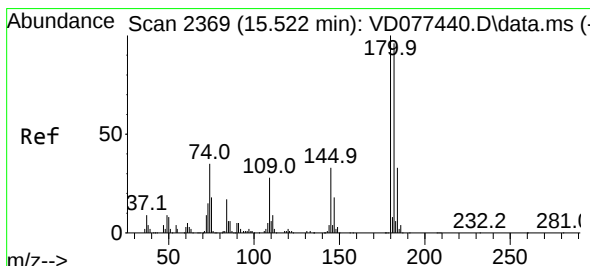
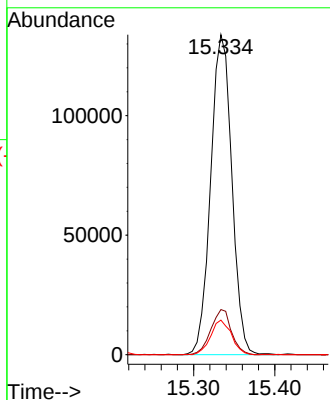
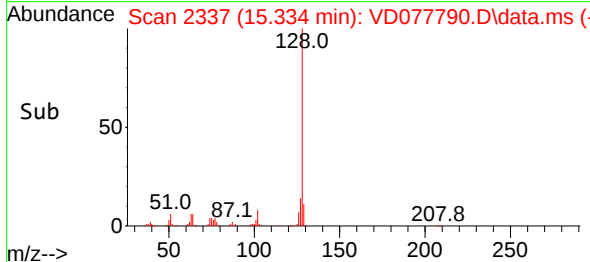
Instrument :
MSVOA_D
ClientSampleId :
ICVVD120823



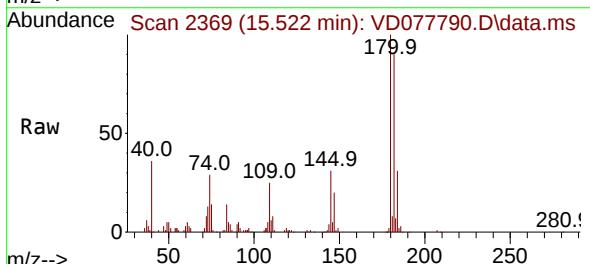
Tgt Ion:128 Resp: 242543
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.873 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077790.D
Acq: 08 Dec 2023 14:19



Tgt Ion:180 Resp: 115270
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 30.5 15.1 45.3

