

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079742.D
 Acq On : 31 Oct 2023 14:22
 Operator : JC\MD
 Sample : VN1031WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01

Quant Time: Nov 01 01:19:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Semsettin Yesilyurt 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	288147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	457415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	233502	50.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.920%			
35) Dibromofluoromethane	8.171	113	181932	50.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	10.571	98	684412	51.131	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.260%			
62) 4-Bromofluorobenzene	12.853	95	213849	50.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	74799	19.664	ug/l	100
3) Chloromethane	2.365	50	87965	19.089	ug/l	99
4) Vinyl Chloride	2.518	62	93402	18.821	ug/l	93
5) Bromomethane	2.959	94	59142	18.155	ug/l	96
6) Chloroethane	3.124	64	67128	18.465	ug/l	93
7) Trichlorofluoromethane	3.500	101	109093	18.694	ug/l	98
8) Diethyl Ether	3.965	74	41574	19.686	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	61689	18.251	ug/l	97
10) Methyl Iodide	4.594	142	69072	20.304	ug/l	97
11) Tert butyl alcohol	5.518	59	48508	79.035	ug/l	100
12) 1,1-Dichloroethene	4.347	96	58575	18.502	ug/l	83
13) Acrolein	4.183	56	51822	83.937	ug/l	94
14) Allyl chloride	5.024	41	93568	17.624	ug/l #	90
15) Acrylonitrile	5.724	53	173200	91.708	ug/l	97
16) Acetone	4.430	43	138670	70.045	ug/l	89
17) Carbon Disulfide	4.712	76	167628	17.339	ug/l	98
18) Methyl Acetate	5.030	43	145725	18.245	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	200250	18.694	ug/l	94
20) Methylene Chloride	5.283	84	73932	18.859	ug/l #	82
21) trans-1,2-Dichloroethene	5.794	96	65005	18.090	ug/l #	84
22) Diisopropyl ether	6.677	45	232015	19.438	ug/l #	91
23) Vinyl Acetate	6.612	43	601012	91.457	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	135895	19.000	ug/l	99
25) 2-Butanone	7.488	43	222948	81.985	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	107124	18.509	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	79750	19.275	ug/l	88
28) Bromochloromethane	7.818	49	70160	20.055	ug/l #	73
29) Tetrahydrofuran	7.847	42	151836	91.394	ug/l #	74
30) Chloroform	7.971	83	139730	19.401	ug/l	90
31) Cyclohexane	8.259	56	114391	18.120	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	116462	18.654	ug/l	96
36) 1,1-Dichloropropene	8.371	75	100796	18.922	ug/l	94
37) Ethyl Acetate	7.565	43	98961	18.743	ug/l #	89
38) Carbon Tetrachloride	8.365	117	100427	18.906	ug/l	98
39) Methylcyclohexane	9.606	83	96188	18.154	ug/l #	80
40) Benzene	8.612	78	301704	19.190	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	51087	18.552	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	109663	19.205	ug/l	98
43) Isopropyl Acetate	8.694	43	159008	18.838	ug/l #	90
44) Trichloroethene	9.359	130	72288	18.981	ug/l	91
45) 1,2-Dichloropropane	9.624	63	79783	19.107	ug/l	96
46) Dibromomethane	9.712	93	52897	18.783	ug/l	99
47) Bromodichloromethane	9.894	83	109314	19.349	ug/l	99
48) Methyl methacrylate	9.682	41	73709	18.835	ug/l #	80
49) 1,4-Dioxane	9.700	88	23772	345.200	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	487277	92.778	ug/l	88
52) Toluene	10.635	92	187669	19.553	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	107423	18.830	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	121110	19.403	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	72514	19.104	ug/l	90
56) Ethyl methacrylate	10.876	69	99744	18.607	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	128868	19.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	176371	89.304	ug/l	90
59) 2-Hexanone	11.200	43	330726	85.641	ug/l	88
60) Dibromochloromethane	11.365	129	73807	18.791	ug/l	99
61) 1,2-Dibromoethane	11.470	107	69946	18.496	ug/l	100
64) Tetrachloroethene	11.106	164	61759	19.033	ug/l	97
65) Chlorobenzene	11.894	112	186519	18.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	70212	18.664	ug/l	98
67) Ethyl Benzene	11.965	91	337057	18.897	ug/l	100
68) m/p-Xylenes	12.070	106	250914	38.035	ug/l	94
69) o-Xylene	12.400	106	118484	18.678	ug/l	93
70) Styrene	12.412	104	193188	19.012	ug/l	97
71) Bromoform	12.582	173	47204	17.519	ug/l #	99
73) Isopropylbenzene	12.700	105	303333	18.354	ug/l	100
74) N-amyl acetate	12.494	43	115324	17.544	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	102129	17.455	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	91601m	18.489	ug/l	
77) Bromobenzene	12.982	156	72184	18.573	ug/l	96
78) n-propylbenzene	13.035	91	370290	19.450	ug/l	97
79) 2-Chlorotoluene	13.129	91	218774	18.435	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	255475	18.964	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27146	16.527	ug/l #	80
82) 4-Chlorotoluene	13.223	91	209924	18.416	ug/l	99
83) tert-Butylbenzene	13.441	119	205889	18.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	248119	19.091	ug/l	100
85) sec-Butylbenzene	13.617	105	289432	18.794	ug/l	99
86) p-Isopropyltoluene	13.729	119	230237	18.771	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	118338	17.998	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	116016	17.712	ug/l	99
89) n-Butylbenzene	14.059	91	185517	19.037	ug/l	100
90) Hexachloroethane	14.335	117	47102	18.174	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	114113	17.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15450	17.122	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	30412	15.954	ug/l	97
94) Hexachlorobutadiene	15.506	225	29191	17.259	ug/l	95
95) Naphthalene	15.647	128	86868	15.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35008	16.446	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

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

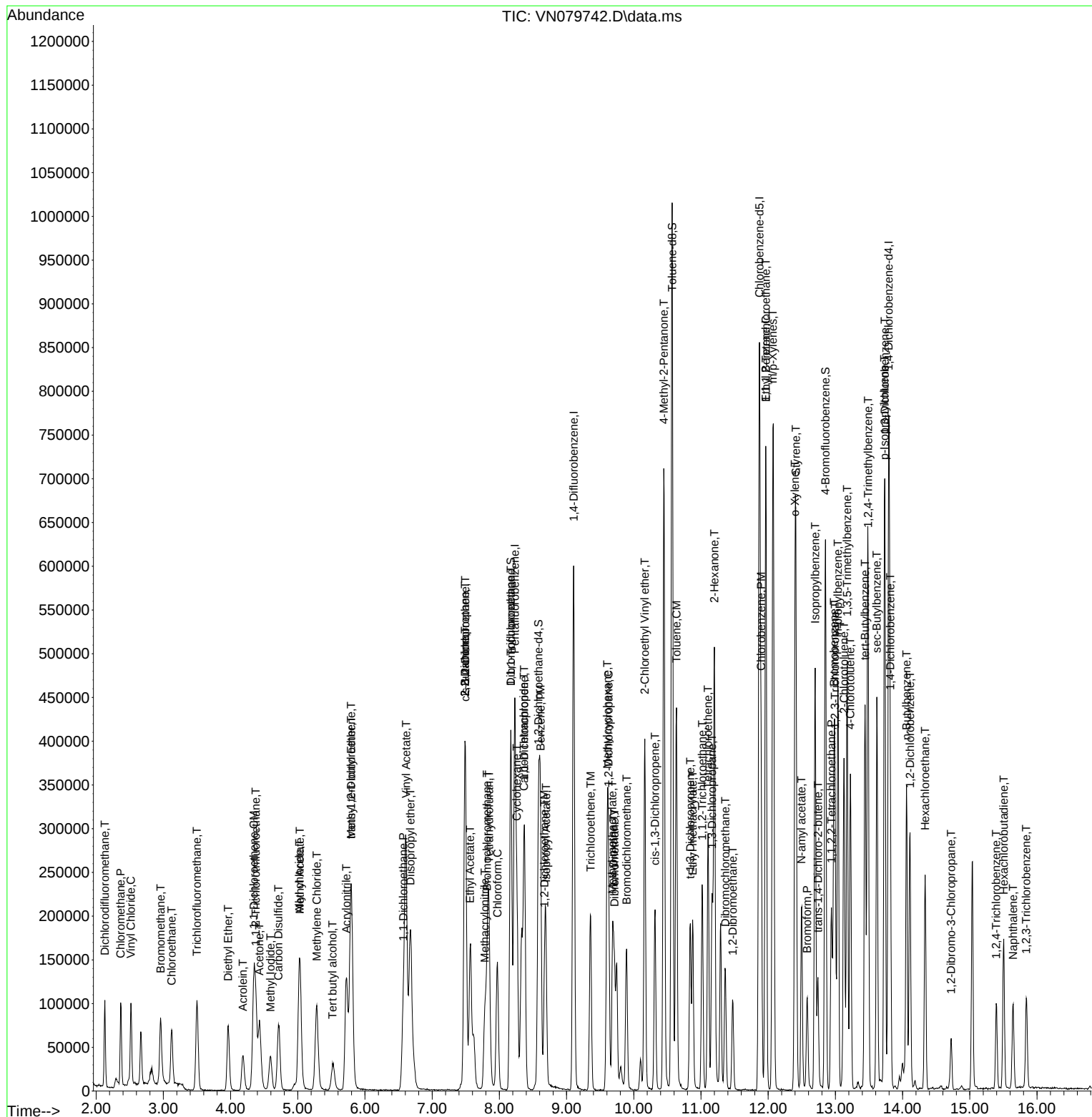
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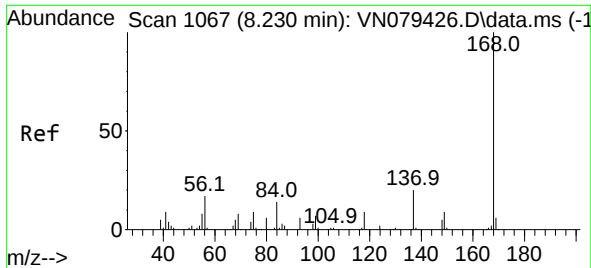
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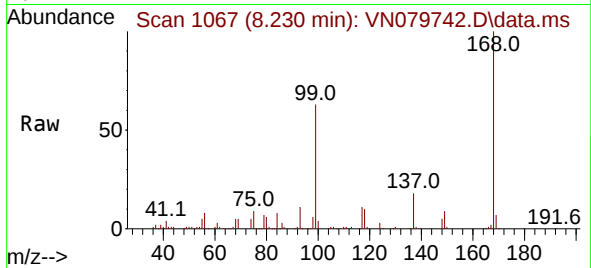
Reviewed By :John Carlone 11/01/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079742.D
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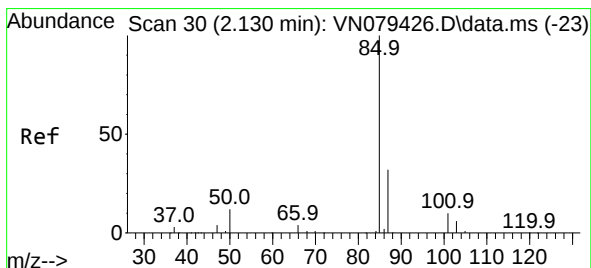
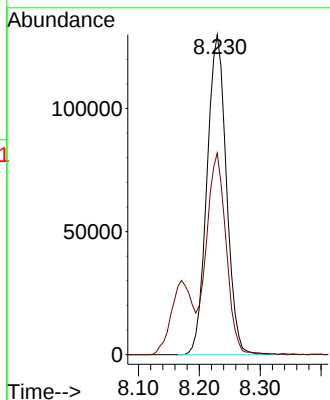
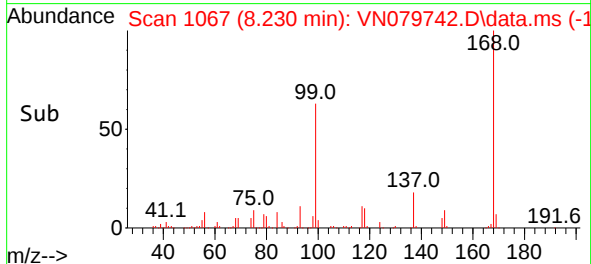
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion:168 Resp: 28814
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6

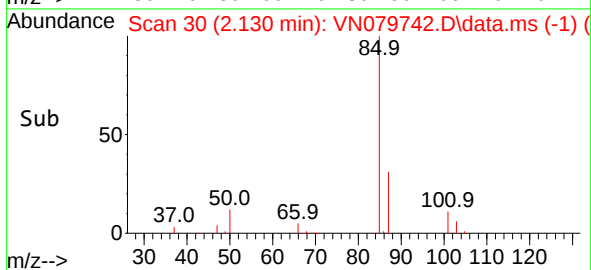
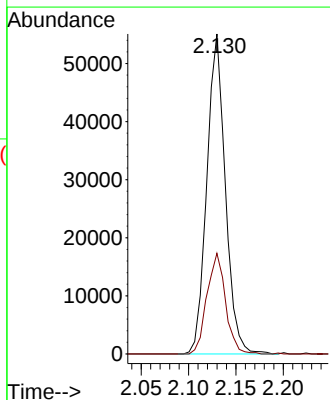
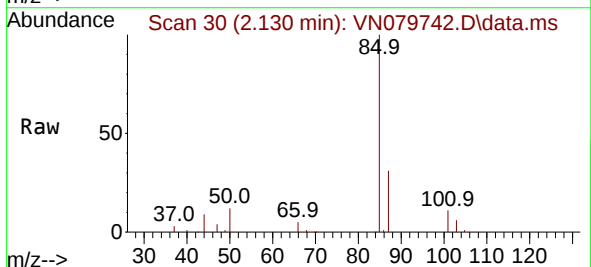
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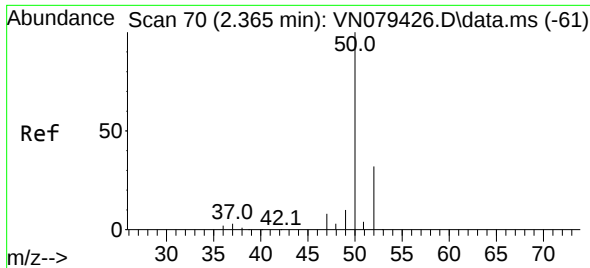
Reviewed By :John Carlone 11/01/2023
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#2
Dichlorodifluoromethane
Concen: 19.664 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 85 Resp: 74799
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





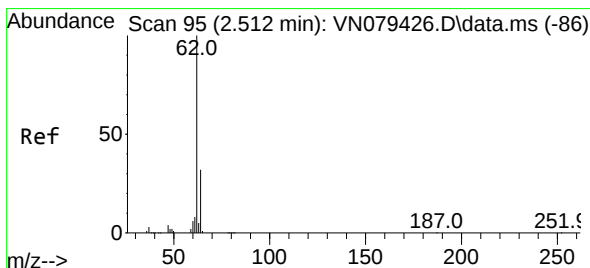
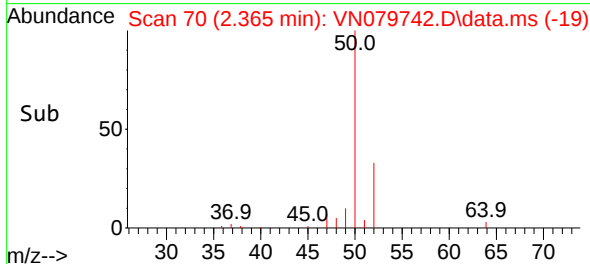
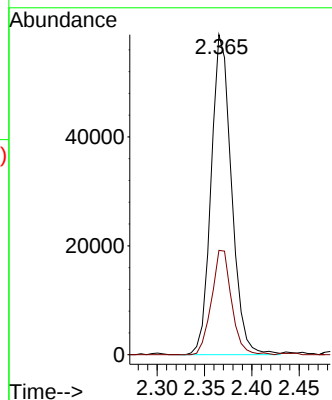
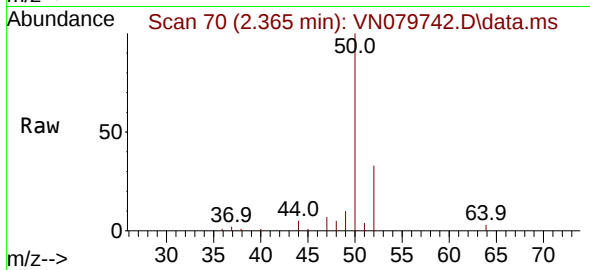
#3
Chloromethane
Concen: 19.089 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 50 Resp: 8796
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

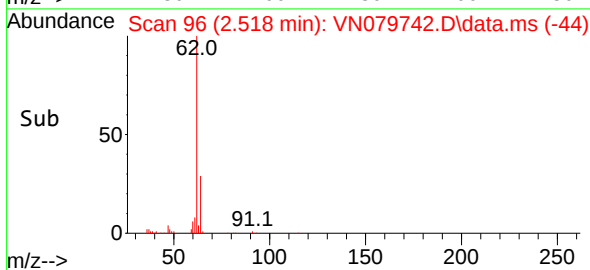
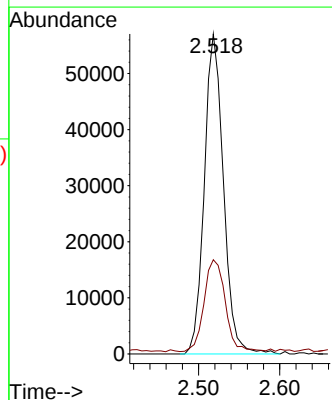
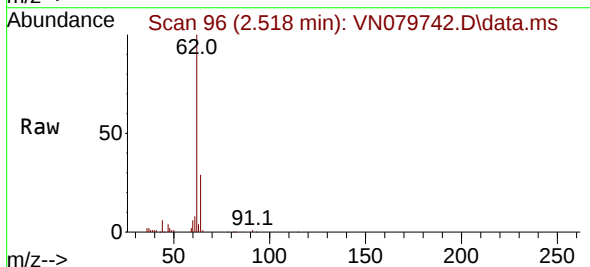
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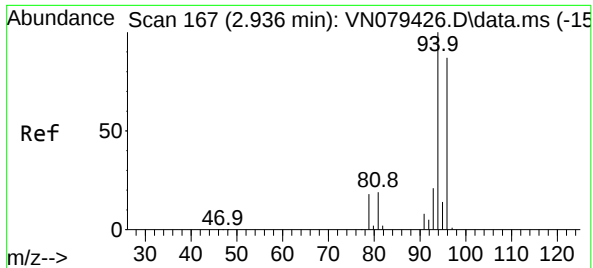
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#4
Vinyl Chloride
Concen: 18.821 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

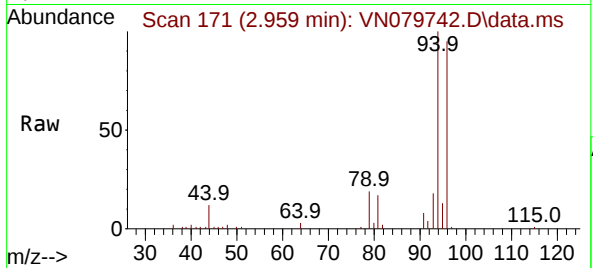
Tgt Ion: 62 Resp: 93402
Ion Ratio Lower Upper
62 100
64 28.7 26.2 39.2





#5
Bromomethane
Concen: 18.155 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

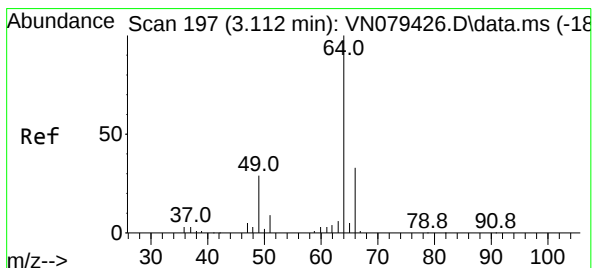
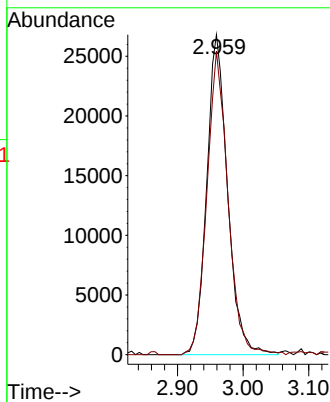
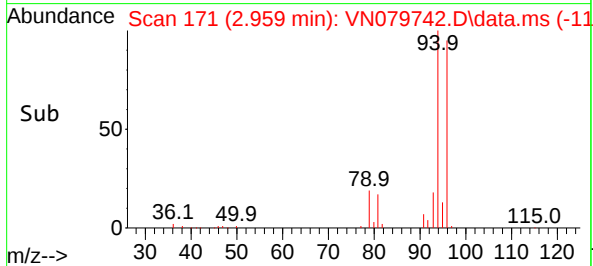
Instrument :
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Tgt Ion: 94 Resp: 5914
Ion Ratio Lower Upper
94 100
96 94.8 73.1 109.7

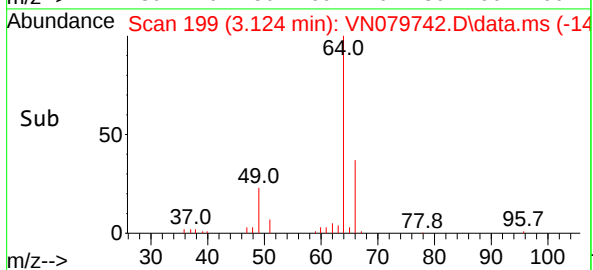
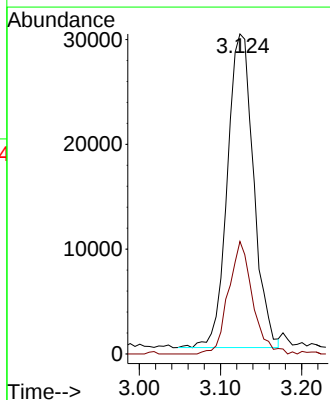
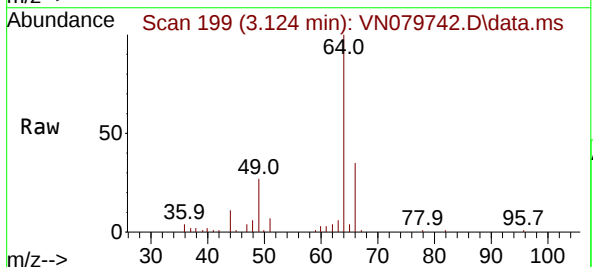
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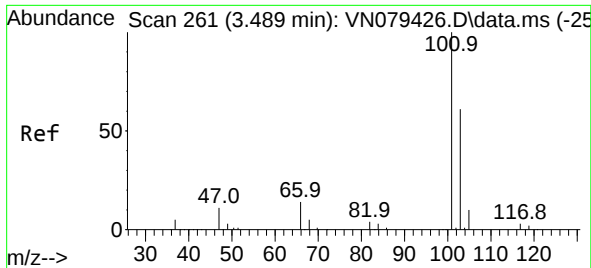
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#6
Chloroethane
Concen: 18.465 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 64 Resp: 67128
Ion Ratio Lower Upper
64 100
66 35.9 25.4 38.2





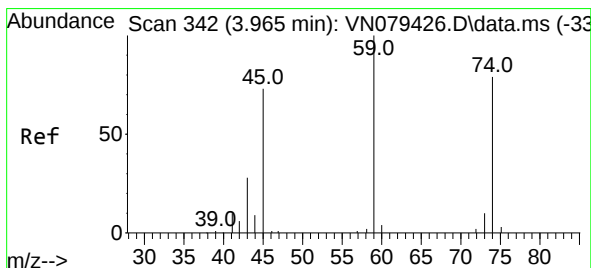
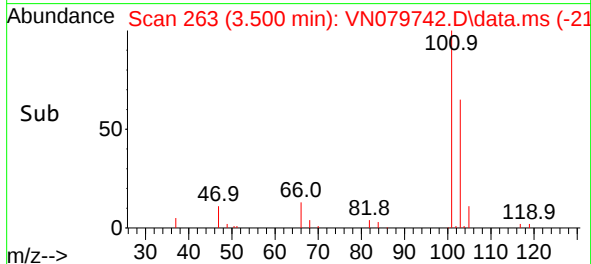
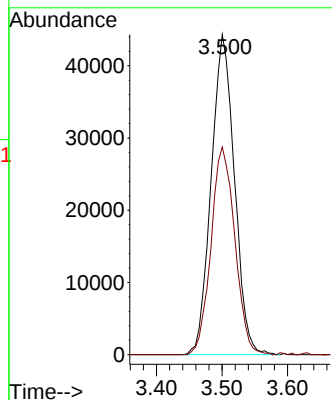
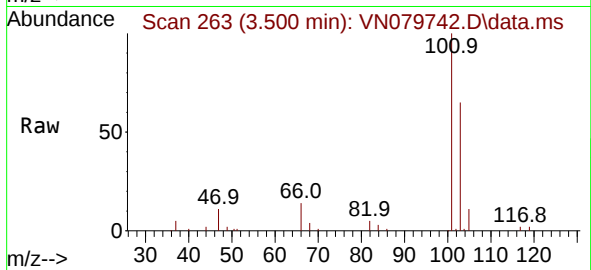
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Trichlorofluoromethane
Concen: 18.694 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.011 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 10909
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

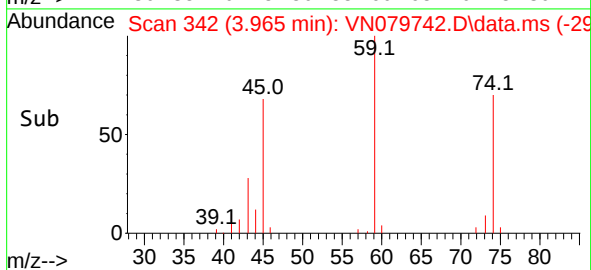
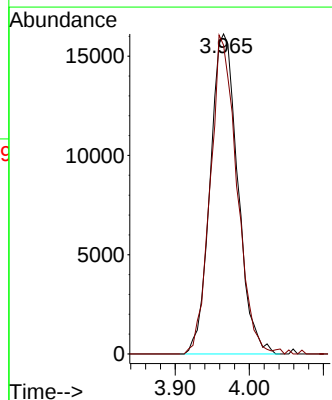
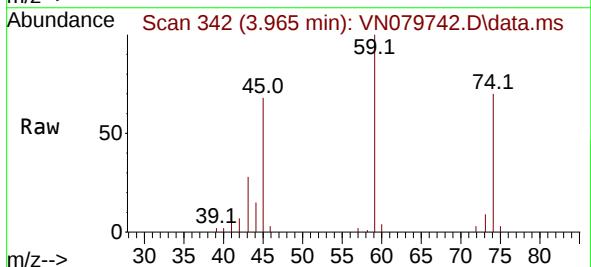
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#8
Diethyl Ether
Concen: 19.686 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 74 Resp: 41574
Ion Ratio Lower Upper
74 100
45 96.4 34.4 103.3





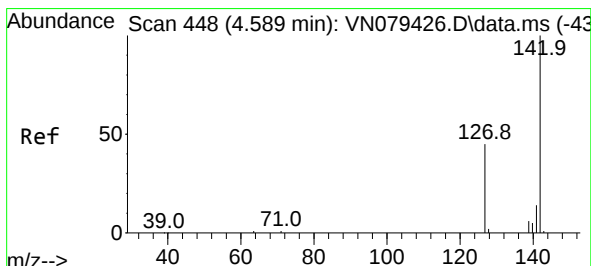
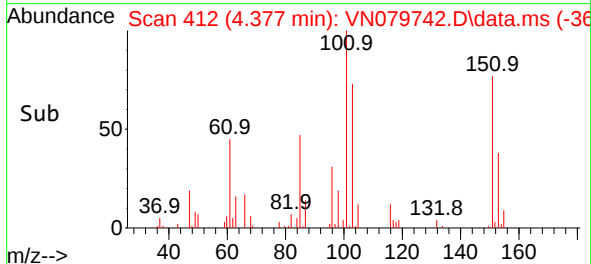
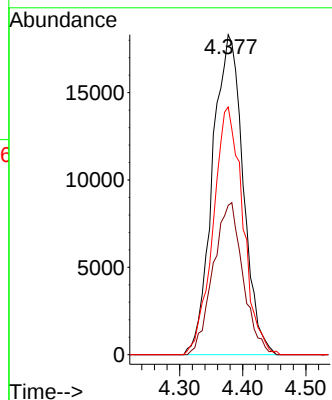
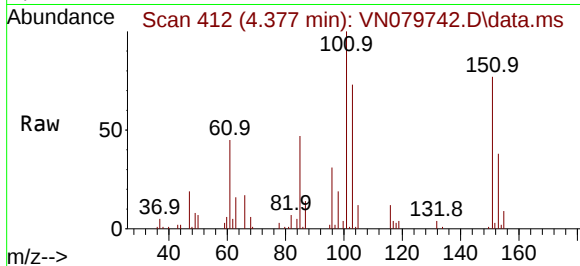
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.251 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion:101 Resp: 61689
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 75.4 57.6 86.4

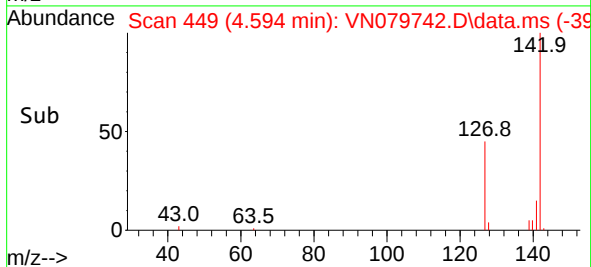
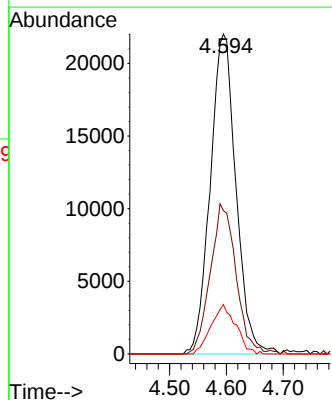
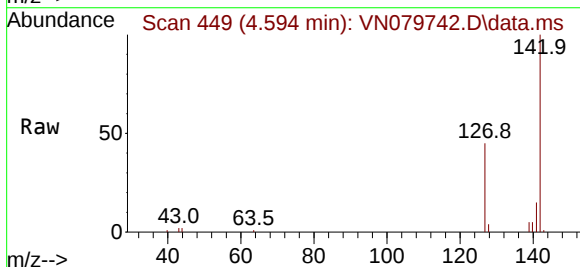
Manual Integrations
APPROVED

Reviewed By :John Carbone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#10
Methyl Iodide
Concen: 20.304 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:142 Resp: 69072
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 15.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 79.035 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 59 Resp: 48508

Ion Ratio Lower Upper

59 100

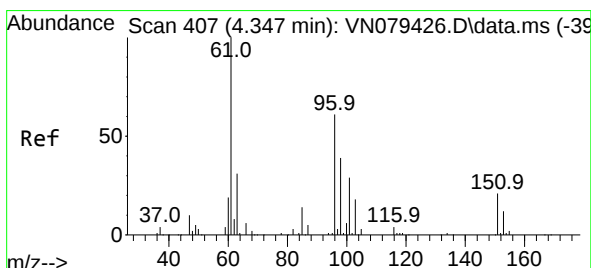
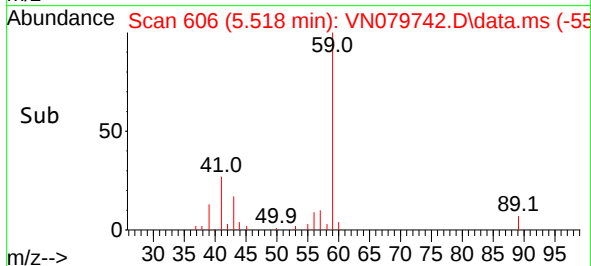
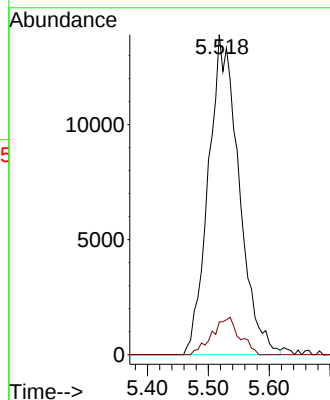
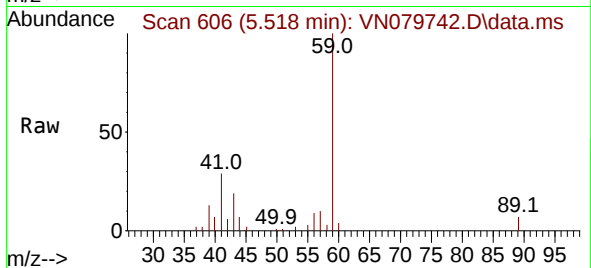
57 10.4 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#12

1,1-Dichloroethene

Concen: 18.502 ug/l

RT: 4.347 min Scan# 407

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

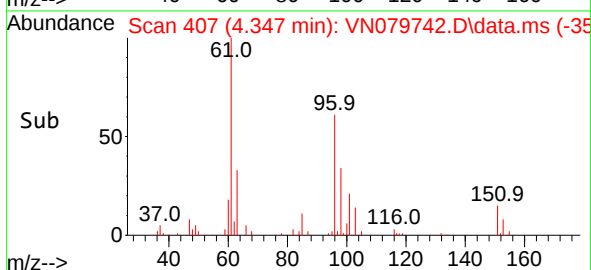
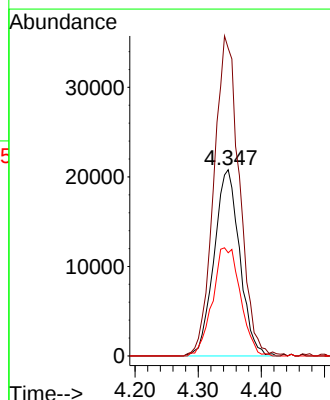
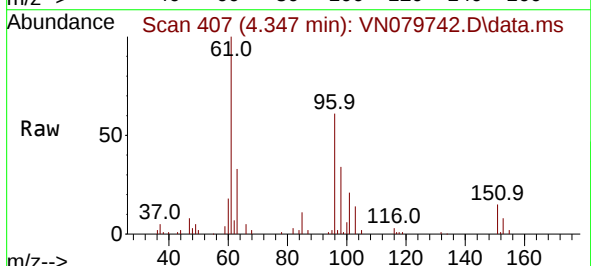
Tgt Ion: 96 Resp: 58575

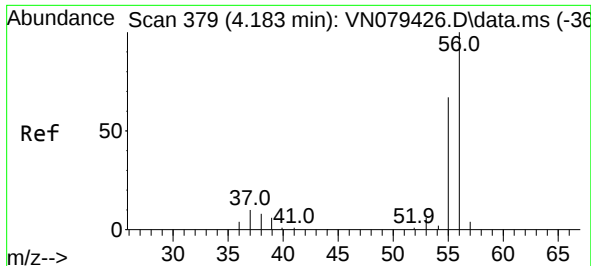
Ion Ratio Lower Upper

96 100

61 165.1 112.7 169.1

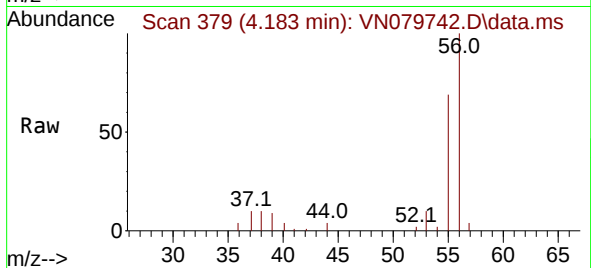
98 55.4 51.2 76.8





#13
Acrolein
Concen: 83.937 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

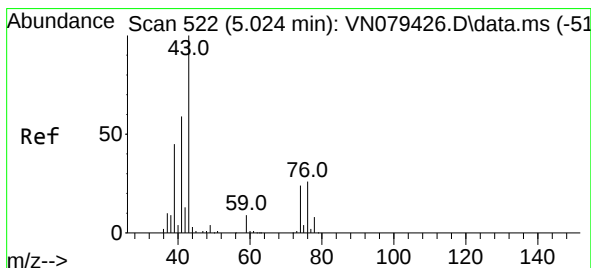
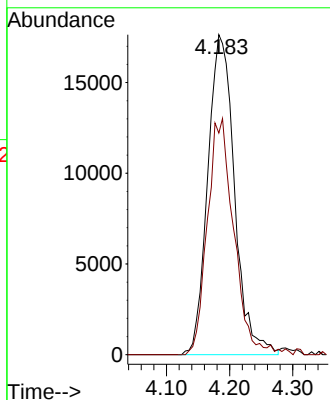
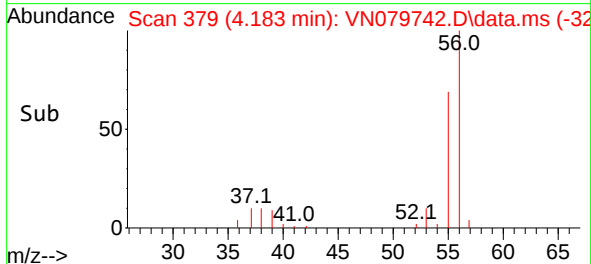
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 56 Resp: 5182
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7

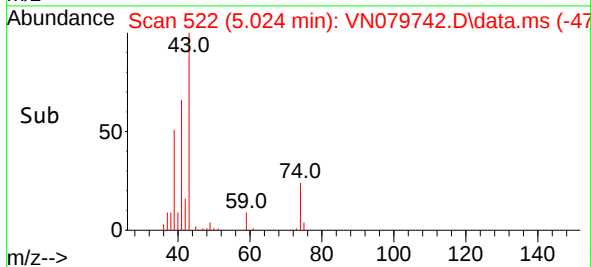
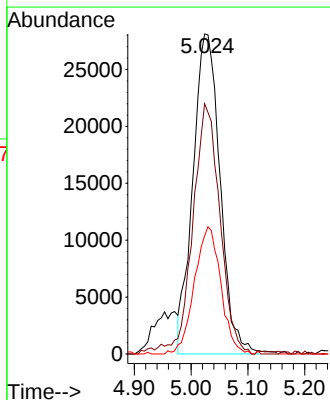
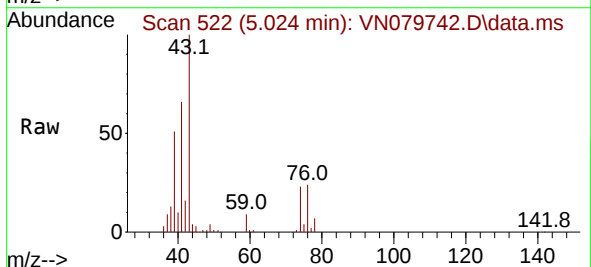
Manual Integrations
APPROVED

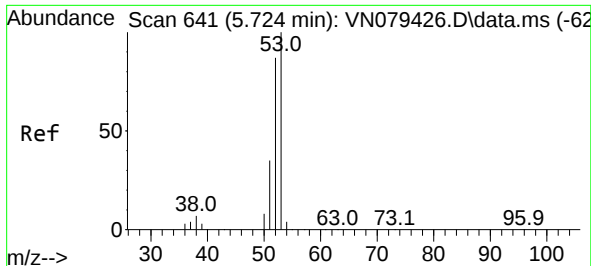
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#14
Allyl chloride
Concen: 17.624 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

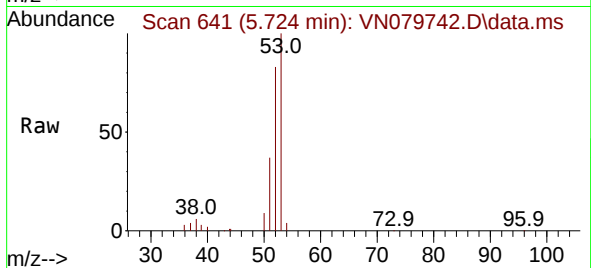
Tgt Ion: 41 Resp: 93568
Ion Ratio Lower Upper
41 100
39 78.4 58.8 88.2
76 38.4 39.1 58.7#





#15
Acrylonitrile
Concen: 91.708 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

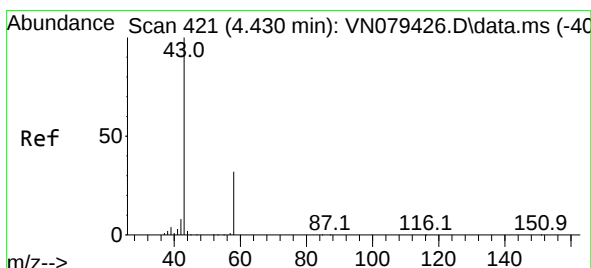
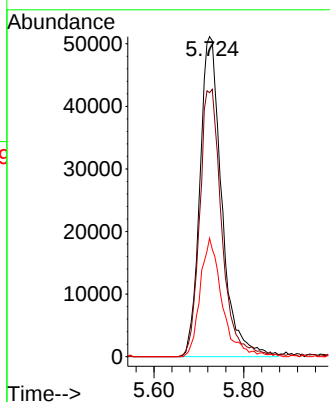
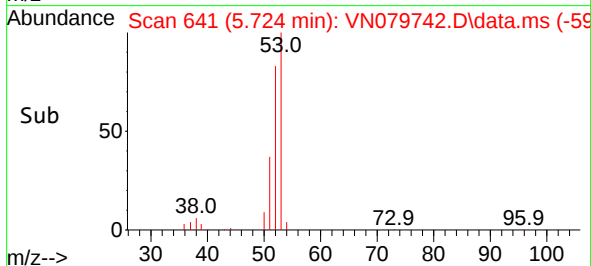
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



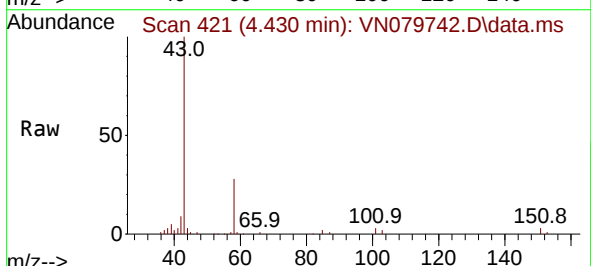
Tgt Ion: 53 Resp: 173200
Ion Ratio Lower Upper
53 100
52 84.2 65.3 97.9
51 37.3 28.9 43.3

Manual Integrations
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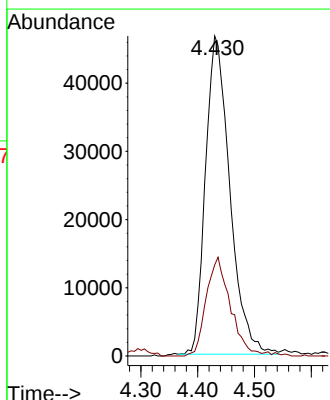
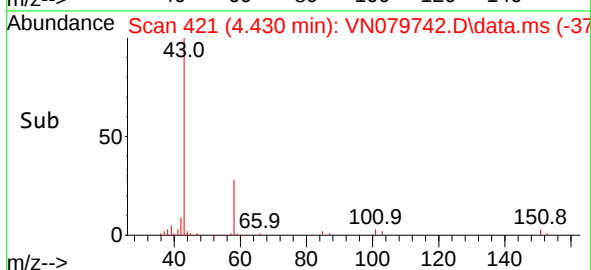
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

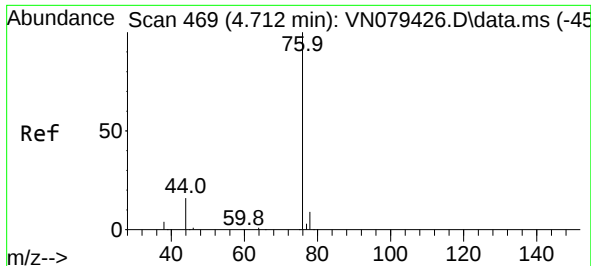


#16
Acetone
Concen: 70.045 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



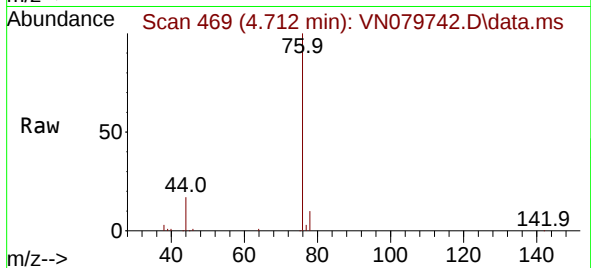
Tgt Ion: 43 Resp: 138670
Ion Ratio Lower Upper
43 100
58 28.6 28.0 42.0





#17
Carbon Disulfide
Concen: 17.339 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

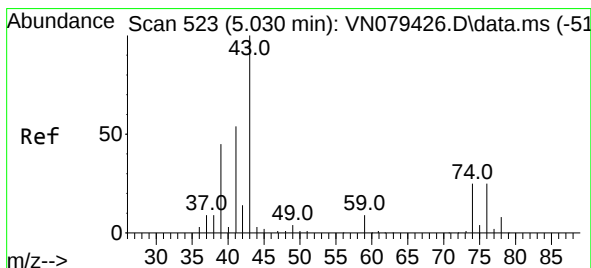
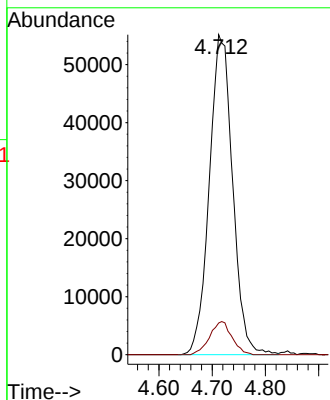
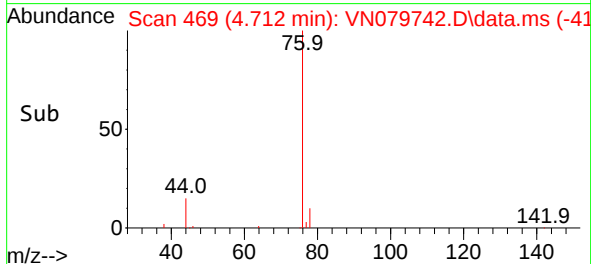
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



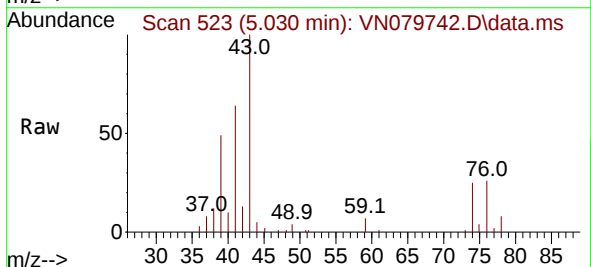
Tgt Ion: 76 Resp: 167628
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

Manual Integrations
APPROVED

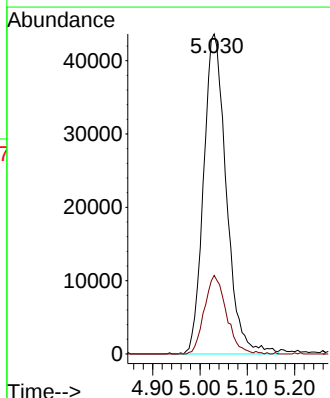
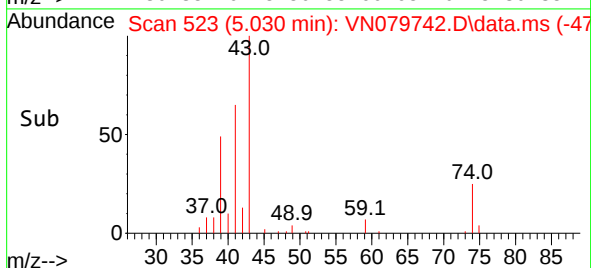
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

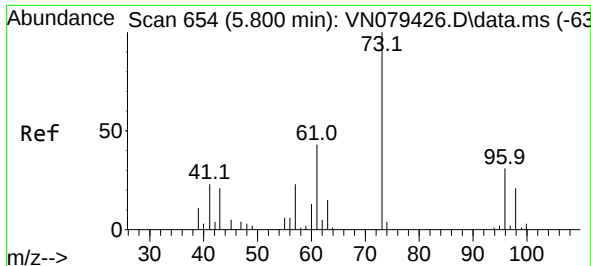


#18
Methyl Acetate
Concen: 18.245 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



Tgt Ion: 43 Resp: 145725
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#





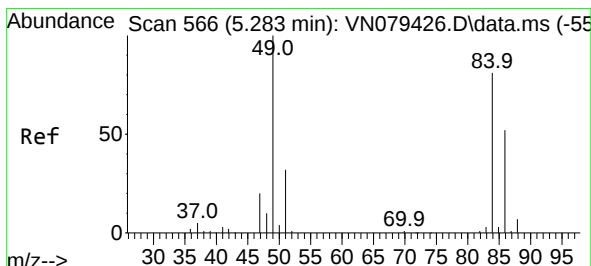
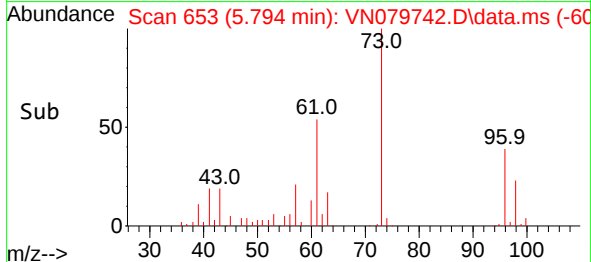
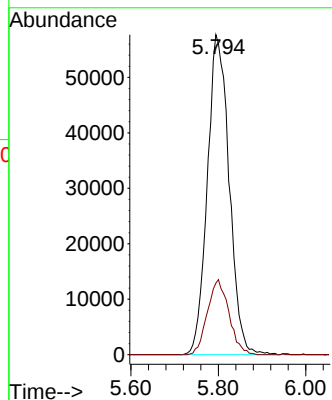
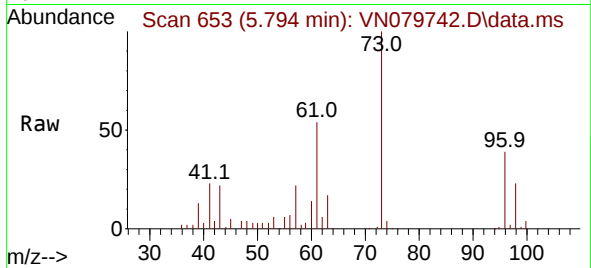
#19
Methyl tert-butyl Ether
Concen: 18.694 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 73 Resp: 200250
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4

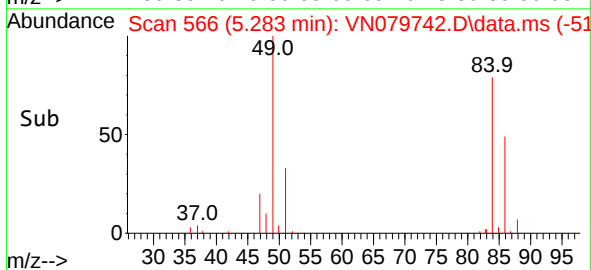
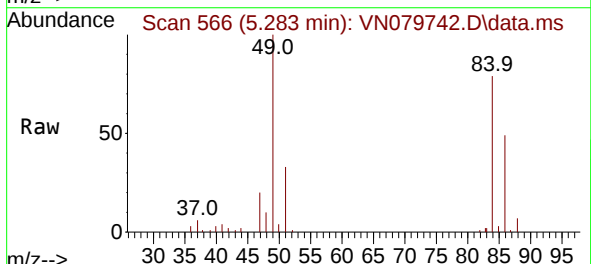
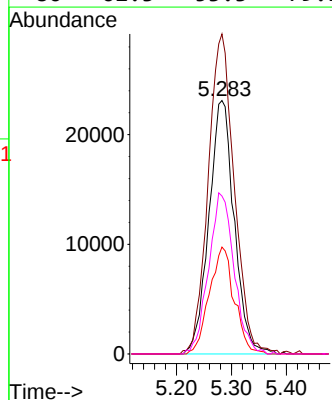
Manual Integrations
APPROVED

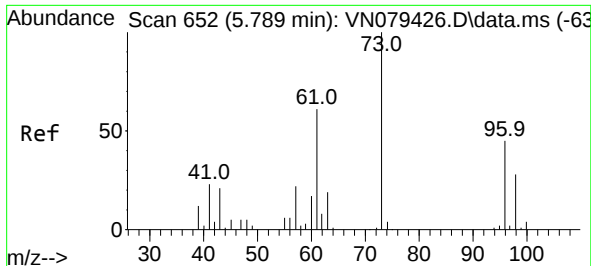
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#20
Methylene Chloride
Concen: 18.859 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

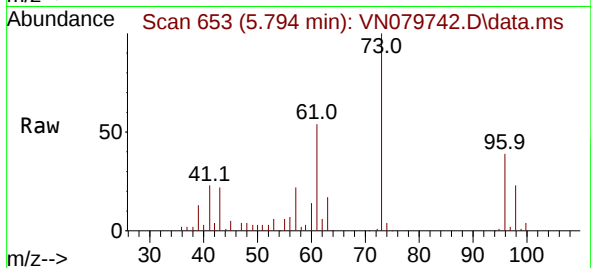
Tgt Ion: 84 Resp: 73932
Ion Ratio Lower Upper
84 100
49 126.3 79.7 119.5#
51 42.2 25.2 37.8#
86 62.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.090 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.005 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

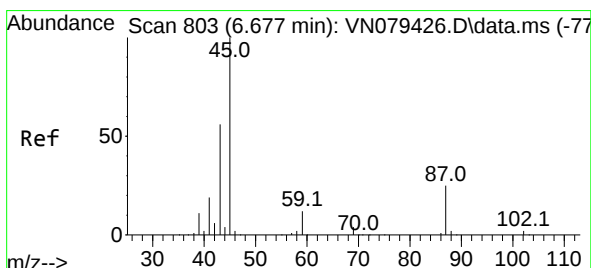
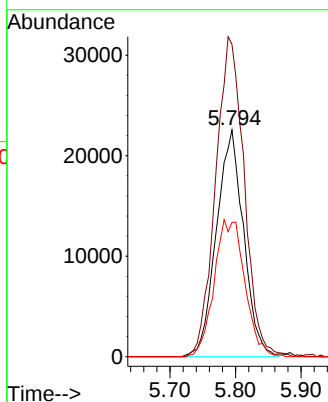
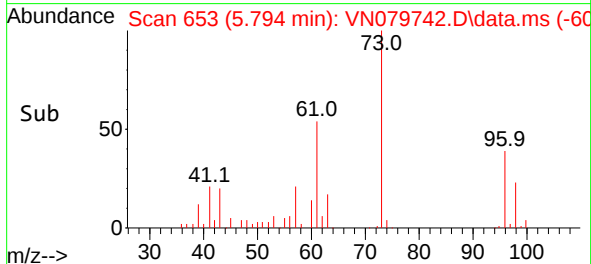
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 96 Resp: 6500
Ion Ratio Lower Upper
96 100
61 137.8 90.1 135.1
98 59.2 46.4 69.6

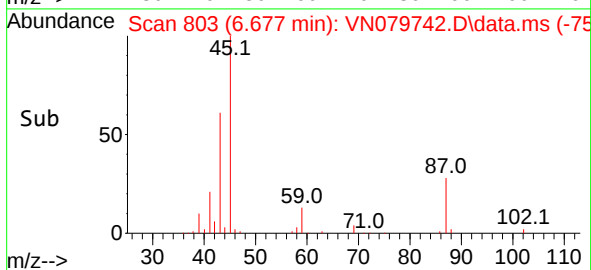
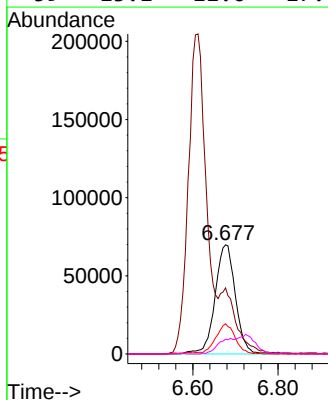
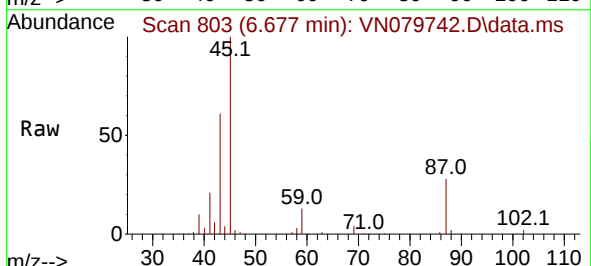
Manual Integrations
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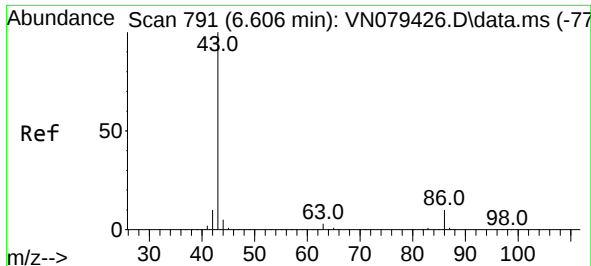
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#22
Diisopropyl ether
Concen: 19.438 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 45 Resp: 232015
Ion Ratio Lower Upper
45 100
43 59.1 45.5 68.3
87 27.8 31.8 47.8#
59 13.1 11.6 17.4





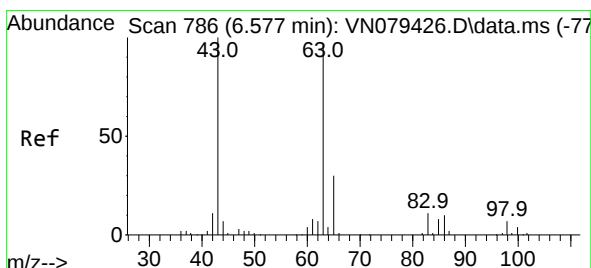
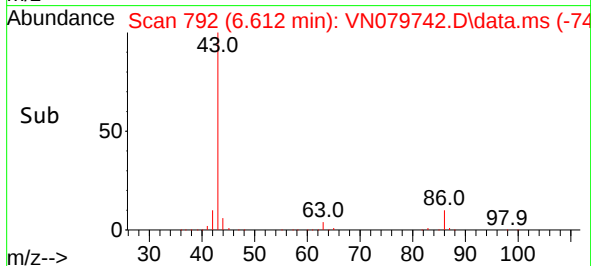
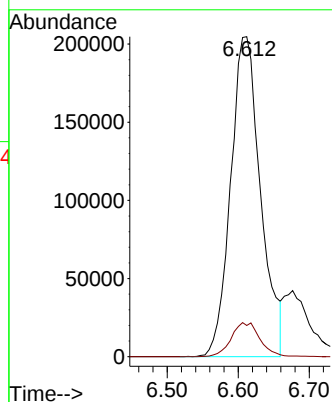
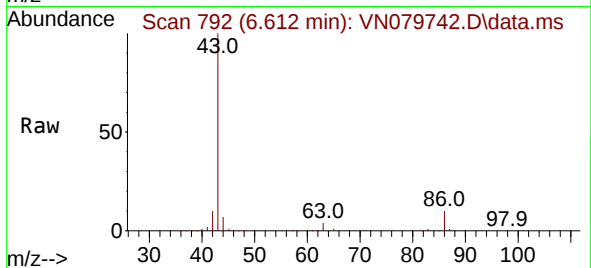
#23
 Vinyl Acetate
 Concen: 91.457 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01

Tgt Ion: 43 Resp: 60101
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6

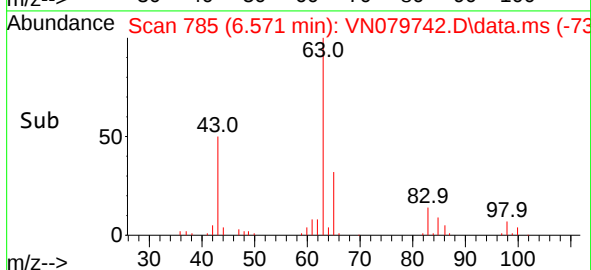
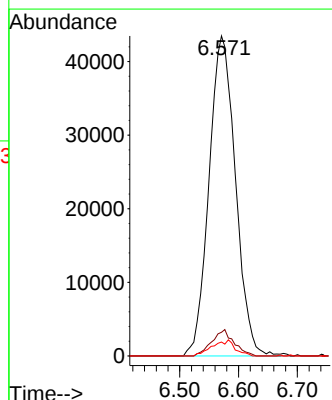
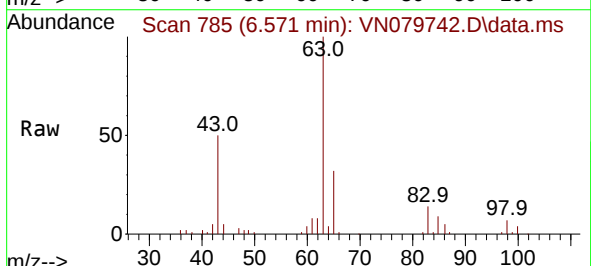
Manual Integrations
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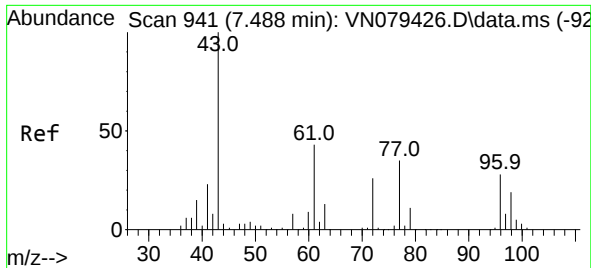
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#24
 1,1-Dichloroethane
 Concen: 19.000 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

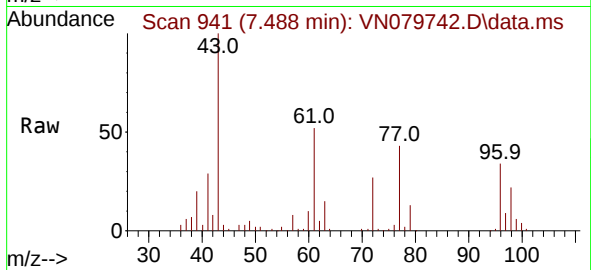
Tgt Ion: 63 Resp: 135895
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 81.985 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

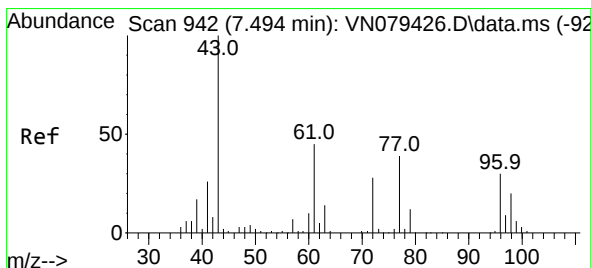
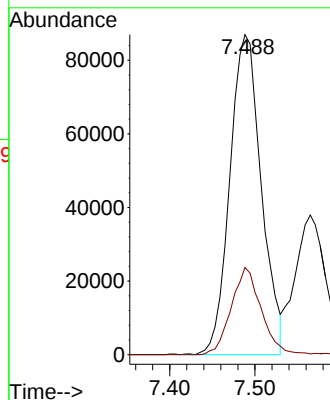
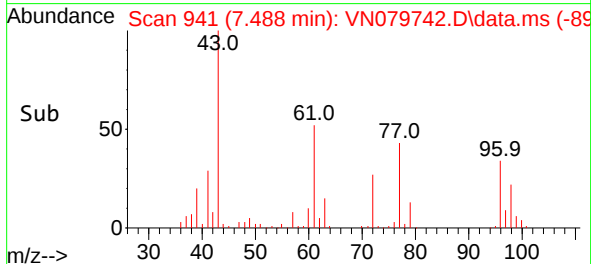
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



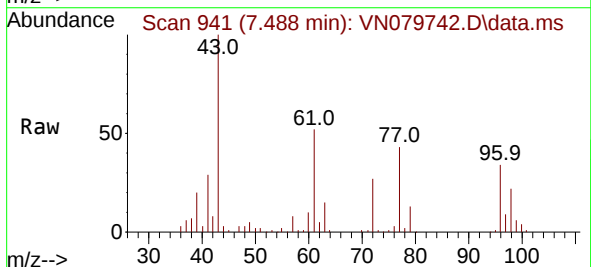
Tgt Ion: 43 Resp: 222948
Ion Ratio Lower Upper
43 100
72 27.3 30.2 45.2

Manual Integrations
APPROVED

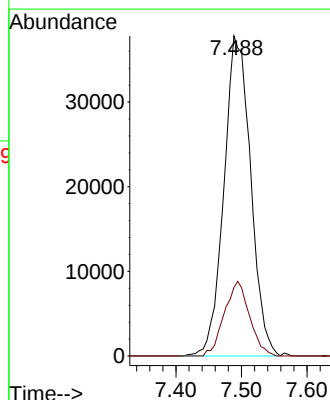
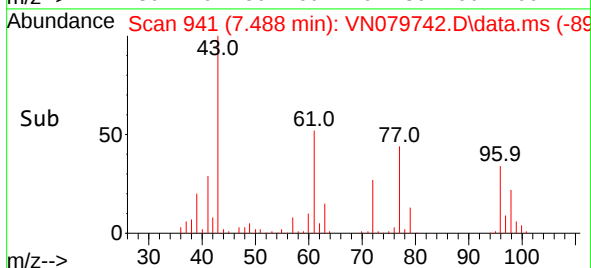
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

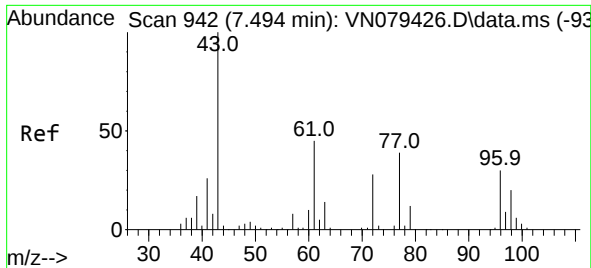


#26
2,2-Dichloropropane
Concen: 18.509 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



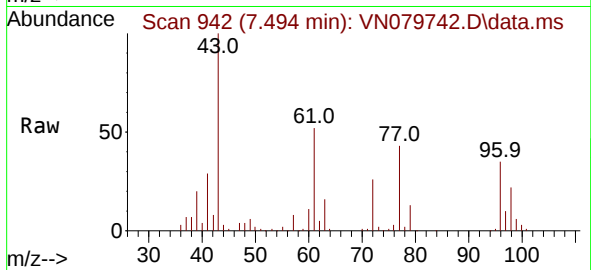
Tgt Ion: 77 Resp: 107124
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.275 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

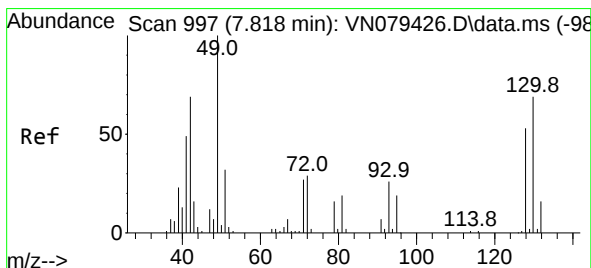
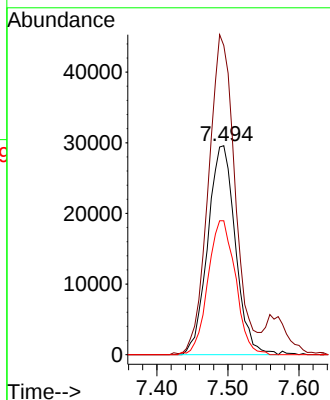
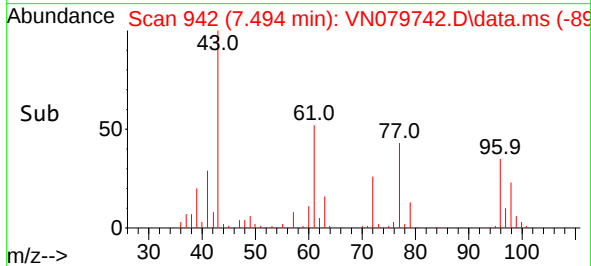
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01



Tgt Ion: 96 Resp: 79750
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 255.2
 98 64.0 0.0 128.8

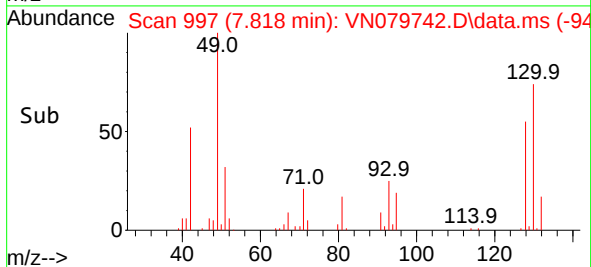
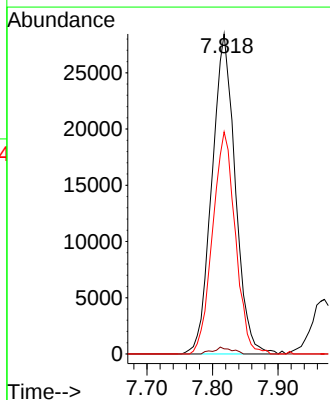
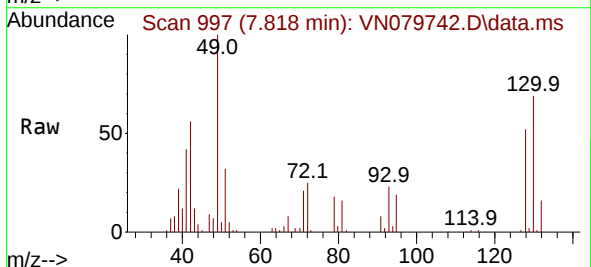
Manual Integrations
 APPROVED

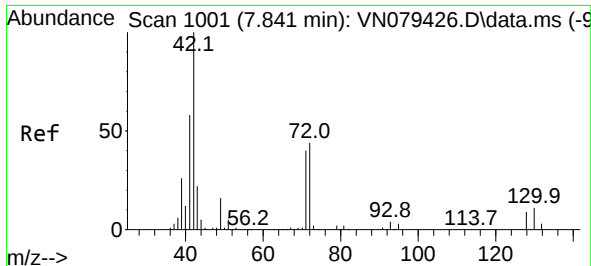
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#28
 Bromochloromethane
 Concen: 20.055 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

Tgt Ion: 49 Resp: 70160
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 67.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 91.394 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 42 Resp: 151830

Ion Ratio Lower Upper

42 100

72 42.3 49.8 74.6

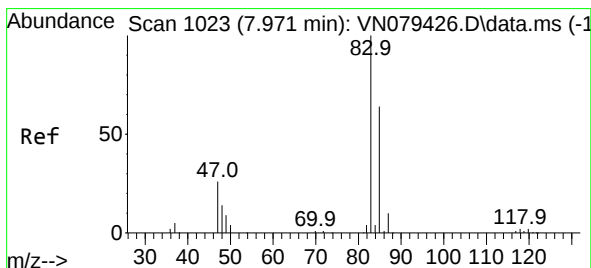
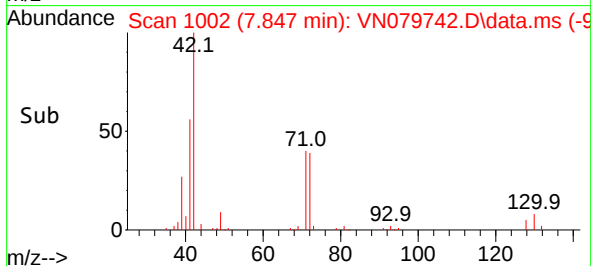
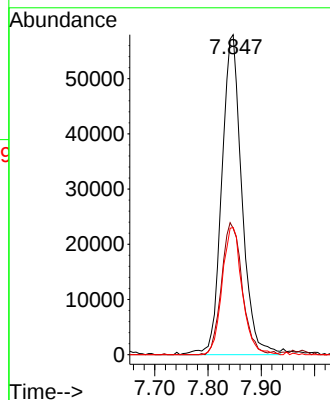
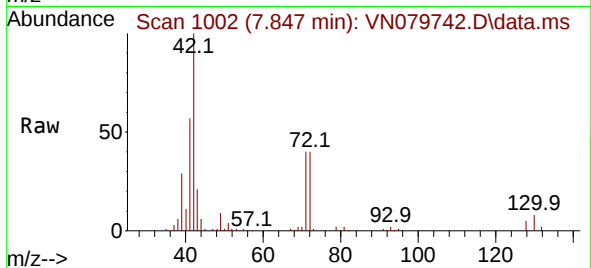
71 39.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#30

Chloroform

Concen: 19.401 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079742.D

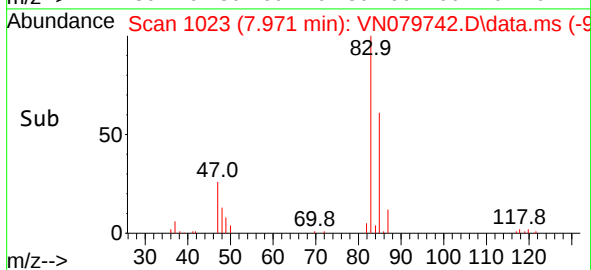
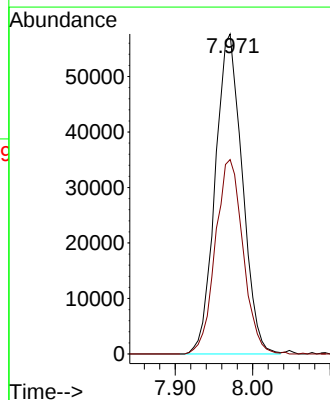
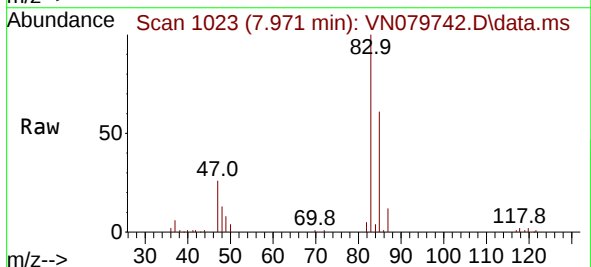
Acq: 31 Oct 2023 14:22

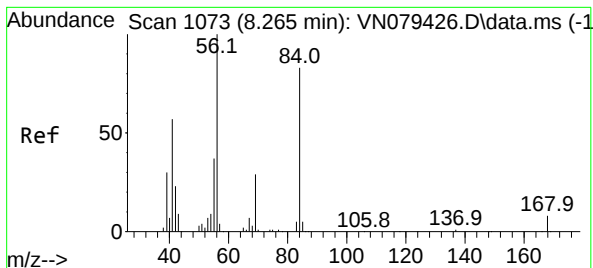
Tgt Ion: 83 Resp: 139730

Ion Ratio Lower Upper

83 100

85 60.8 55.4 83.0





#31

Cyclohexane

Concen: 18.120 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 56 Resp: 11439

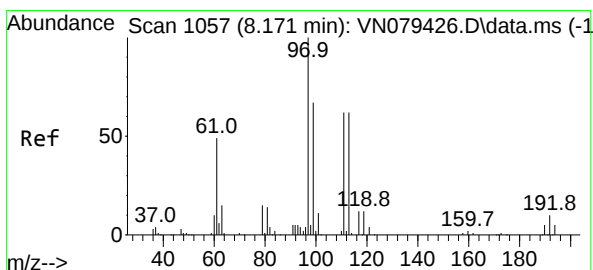
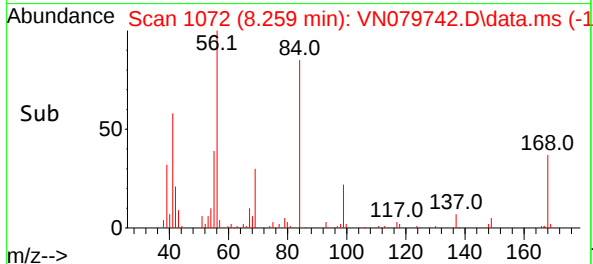
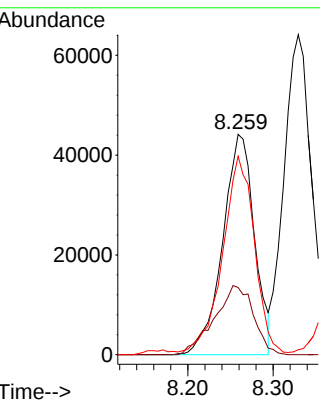
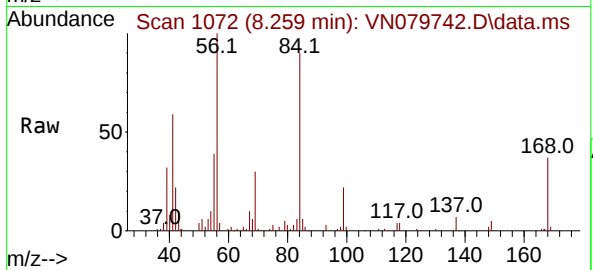
Ion	Ratio	Lower	Upper
56	100		
69	30.5	26.8	40.2
84	88.7	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#32

1,1,1-Trichloroethane

Concen: 18.654 ug/l

RT: 8.171 min Scan# 1057

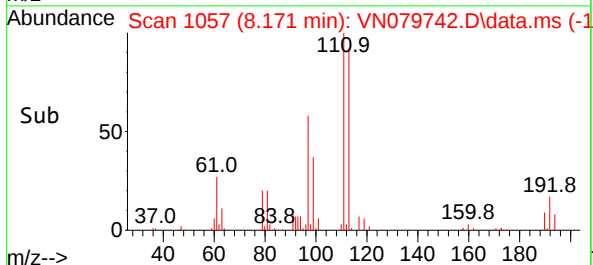
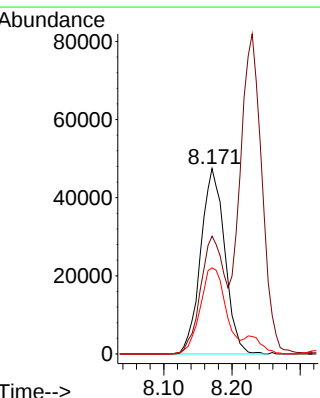
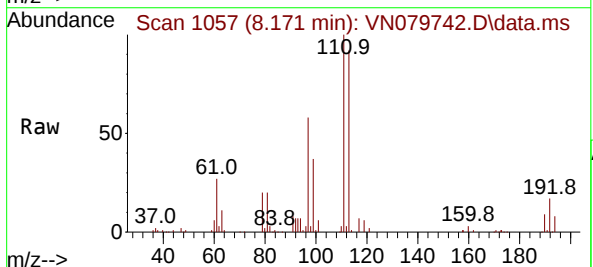
Delta R.T. -0.000 min

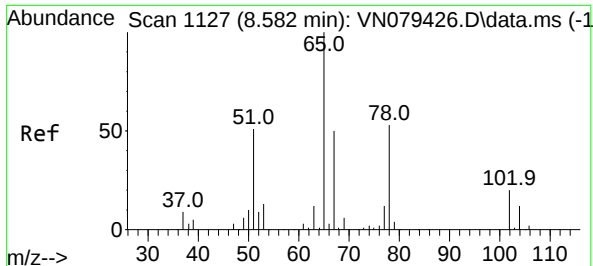
Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Tgt Ion: 97 Resp: 116462

Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.3	75.5
61	49.5	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 50.462 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 65 Resp: 233502

Ion Ratio Lower Upper

65 100

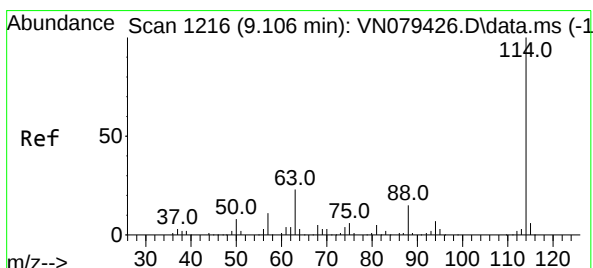
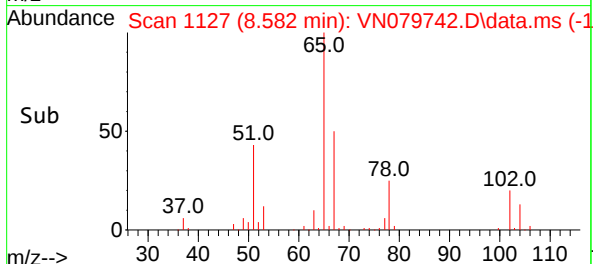
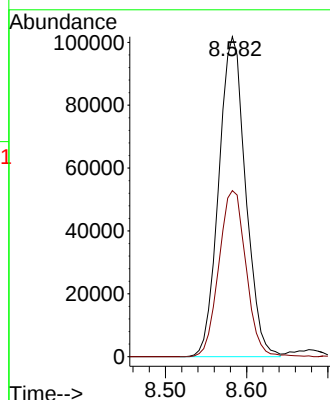
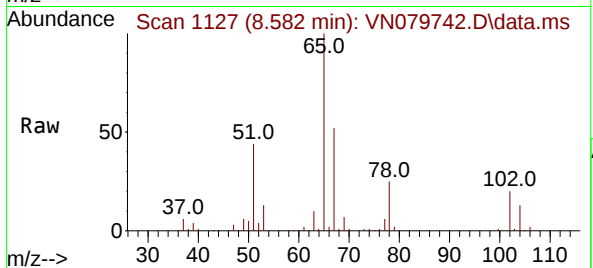
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

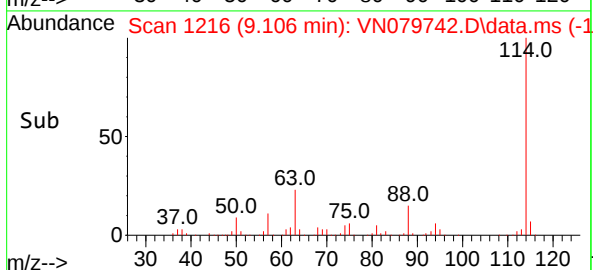
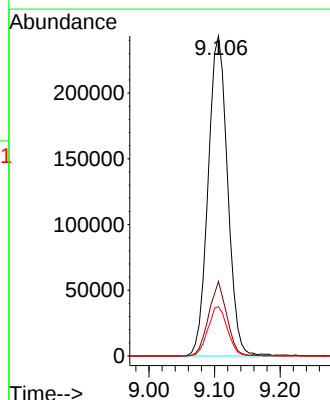
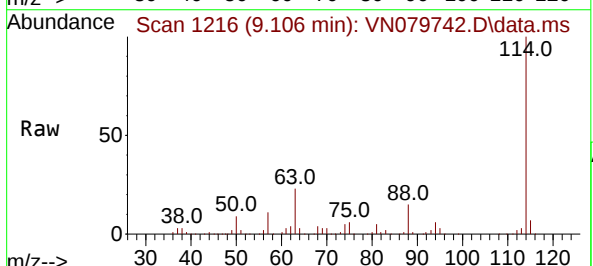
Tgt Ion:114 Resp: 502507

Ion Ratio Lower Upper

114 100

63 23.3 0.0 36.4

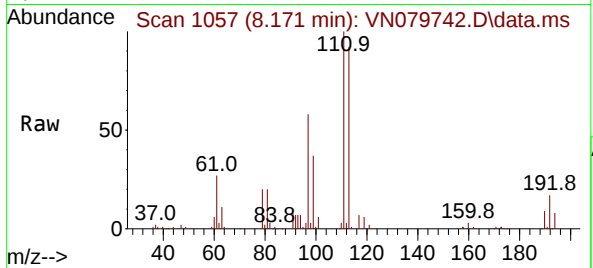
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.668 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

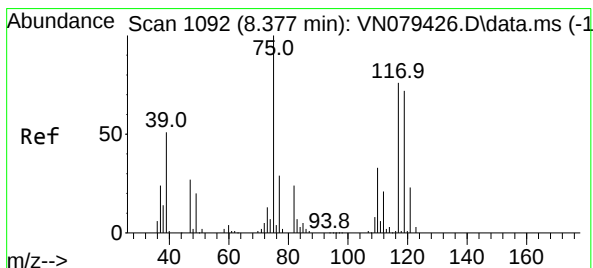
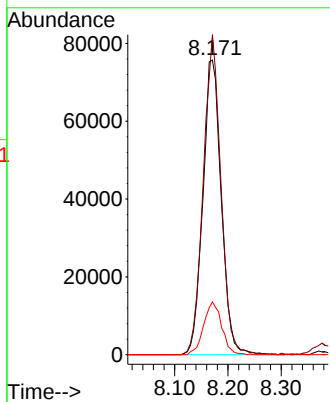
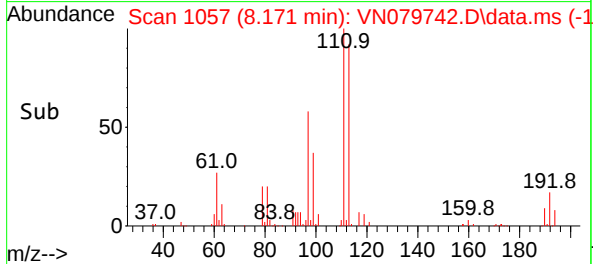
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 113 Resp: 18193
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 17.6 12.7 19.1

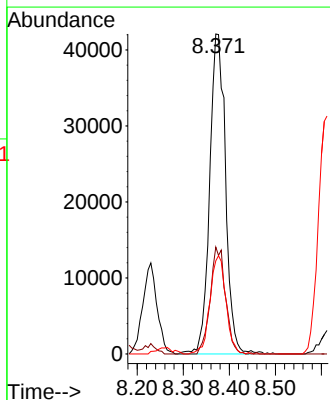
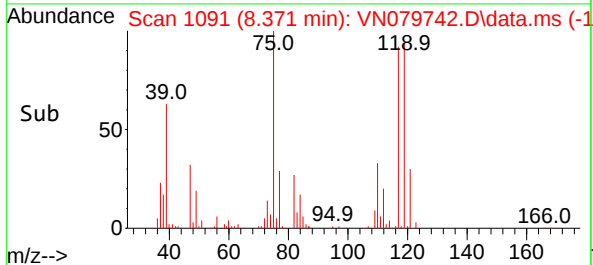
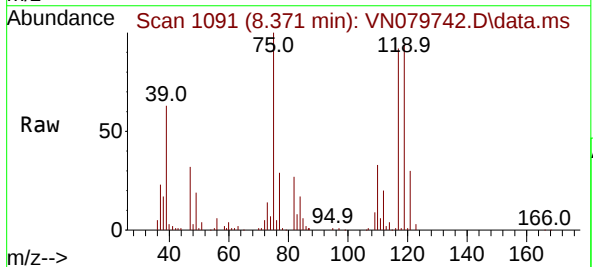
Manual Integrations
APPROVED

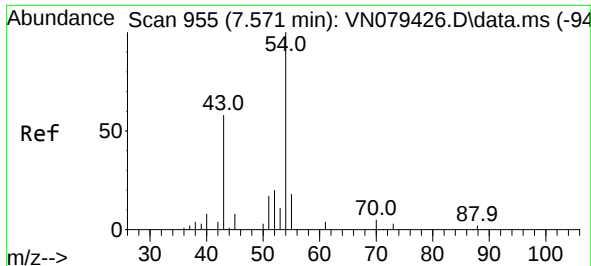
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#36
1,1-Dichloropropene
Concen: 18.922 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

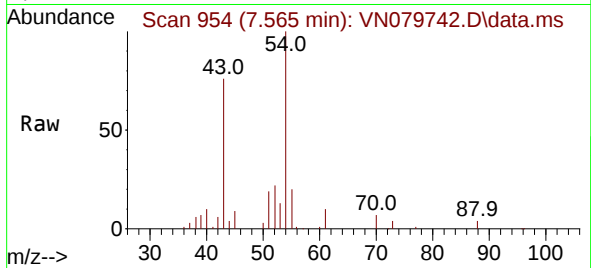
Tgt Ion: 75 Resp: 100796
Ion Ratio Lower Upper
75 100
110 32.2 19.1 57.3
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 18.743 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

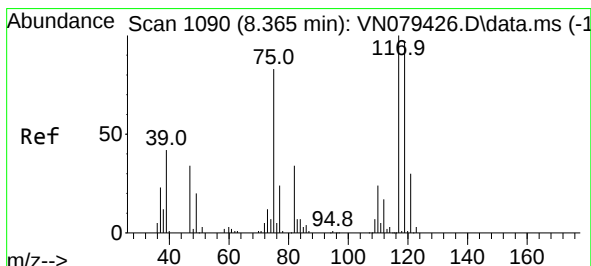
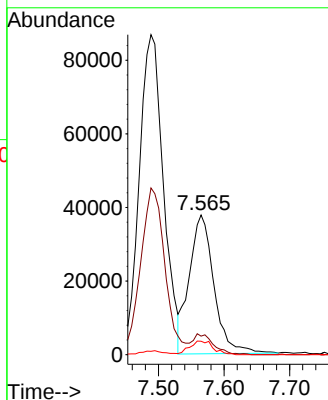
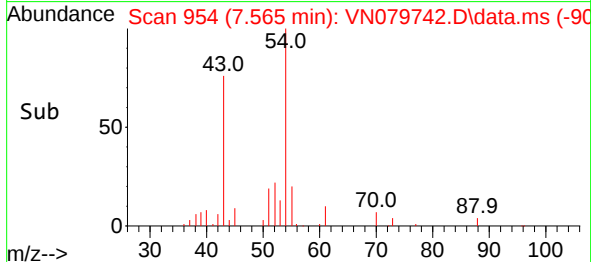
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 43 Resp: 9896
Ion Ratio Lower Upper
43 100
61 12.2 13.2 19.8
70 9.3 11.3 16.9

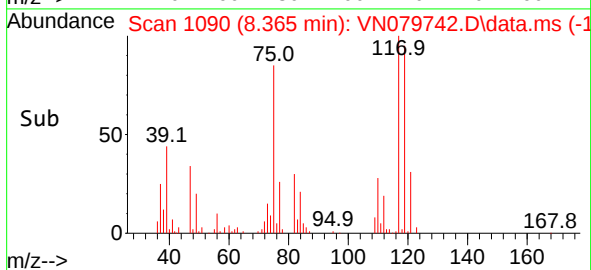
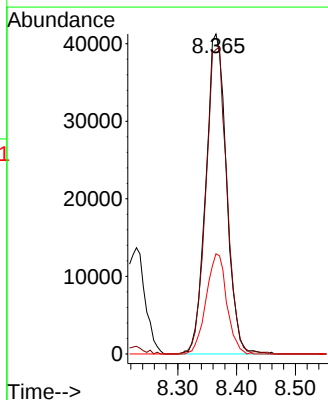
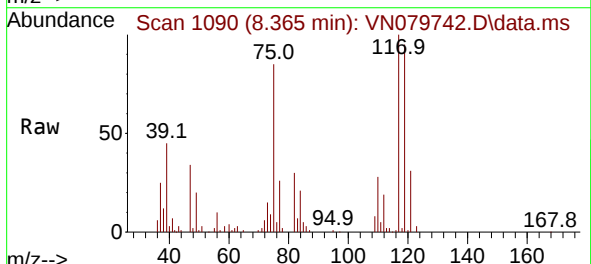
Manual Integrations
APPROVED

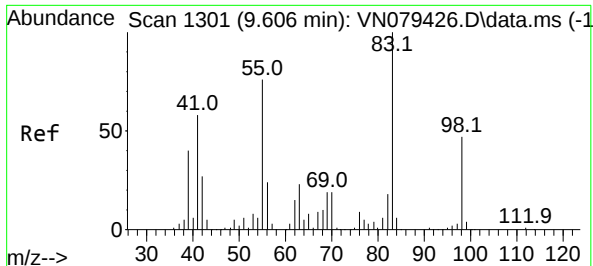
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#38
Carbon Tetrachloride
Concen: 18.906 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:117 Resp: 100427
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 31.3 23.3 34.9





#39

Methylcyclohexane

Concen: 18.154 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

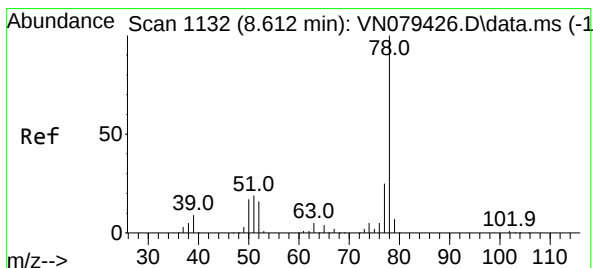
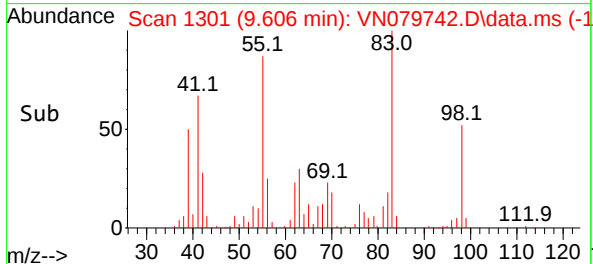
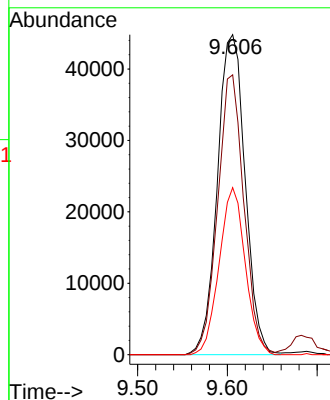
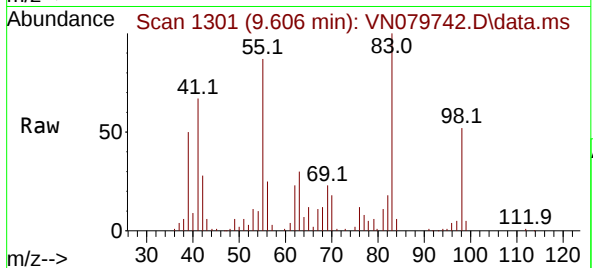
Tgt Ion: 83 Resp: 96188
 Ion Ratio Lower Upper
 83 100
 55 87.4 49.1 73.7
 98 52.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#40

Benzene

Concen: 19.190 ug/l

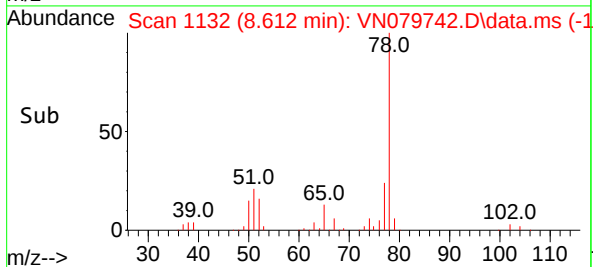
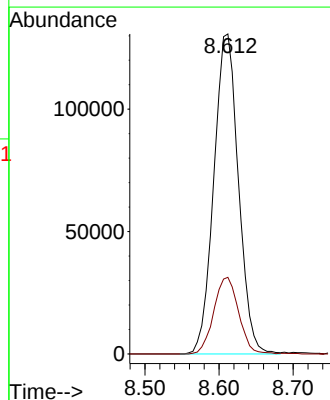
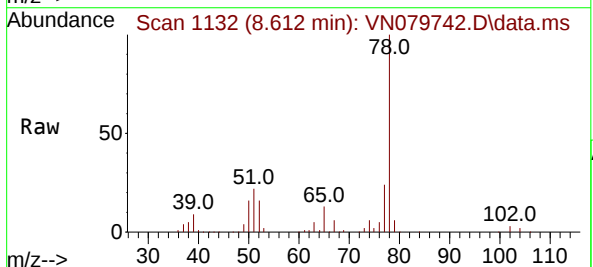
RT: 8.612 min Scan# 1132

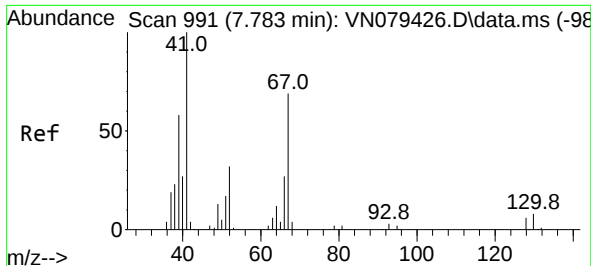
Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

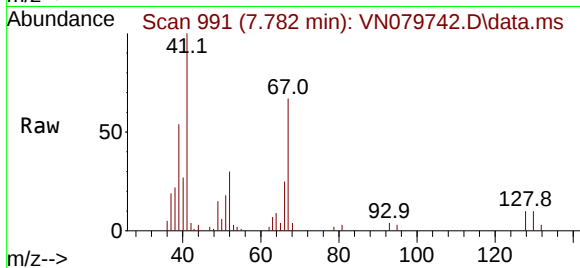
Tgt Ion: 78 Resp: 301704
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 18.552 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.001 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

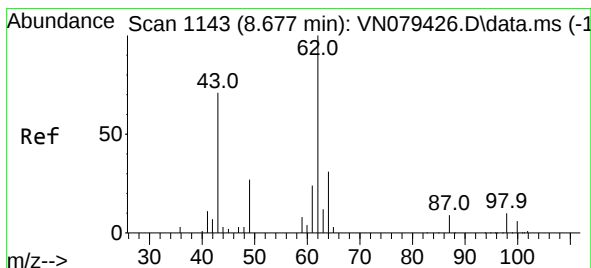
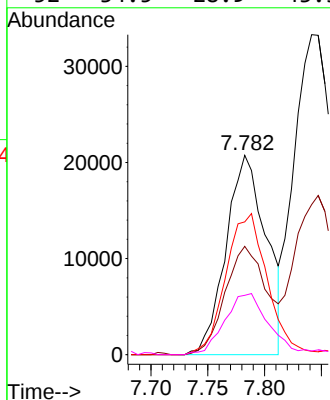
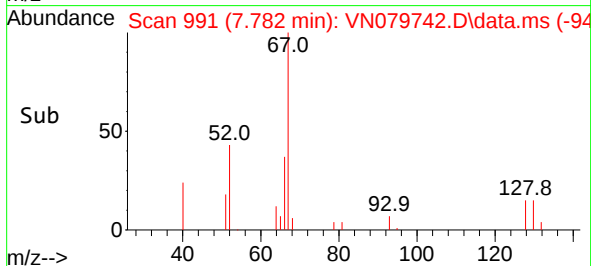
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 41 Resp: 5108
Ion Ratio Lower Upper
41 100
39 56.3 42.6 64.0
67 73.1 77.5 116.3
52 34.5 28.9 43.3

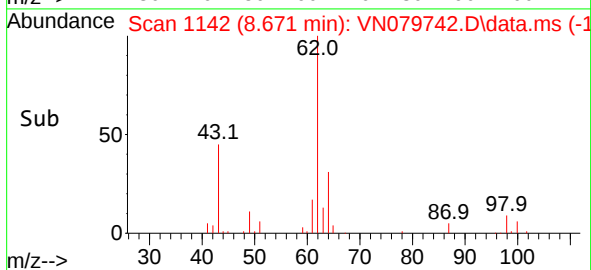
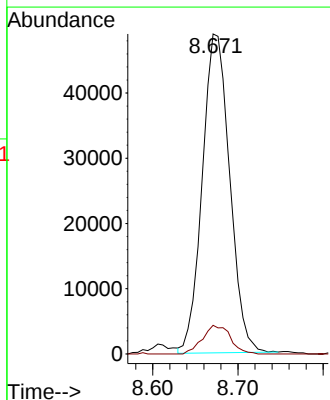
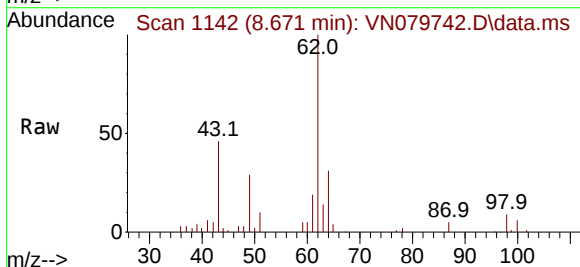
Manual Integrations
APPROVED

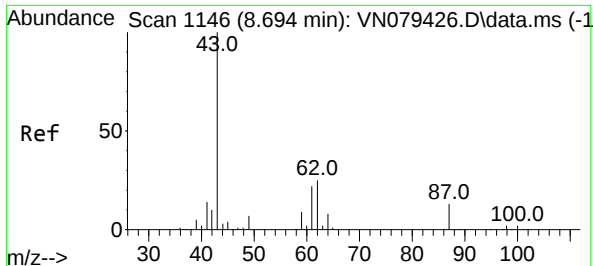
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#42
1,2-Dichloroethane
Concen: 19.205 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 62 Resp: 109663
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.838 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

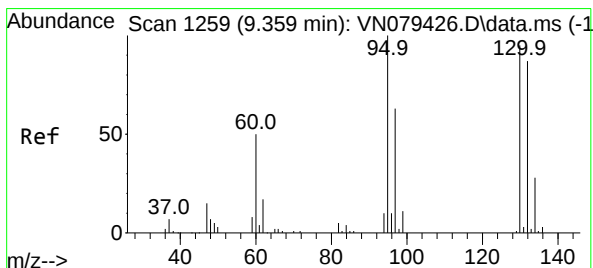
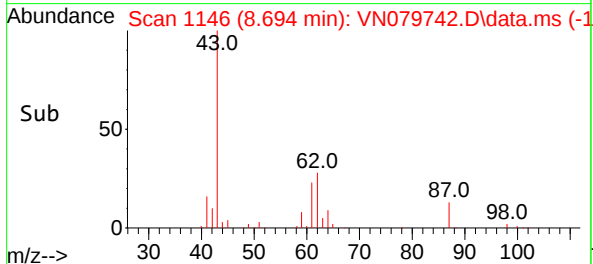
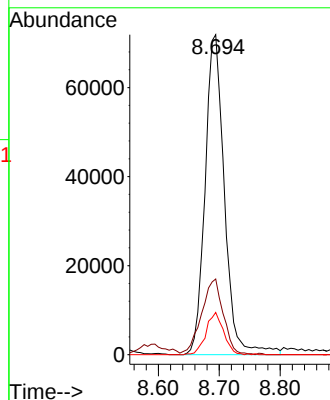
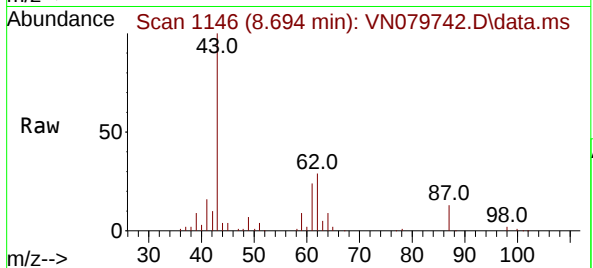
Tgt Ion: 43 Resp: 159008
 Ion Ratio Lower Upper
 43 100
 61 26.6 24.7 37.1
 87 11.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#44

Trichloroethene

Concen: 18.981 ug/l

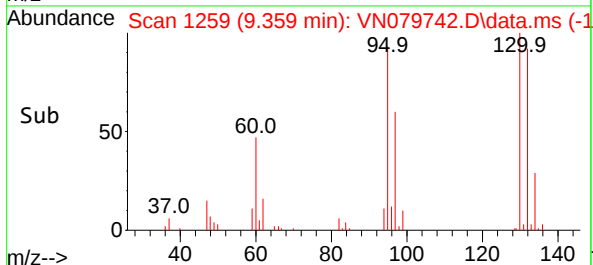
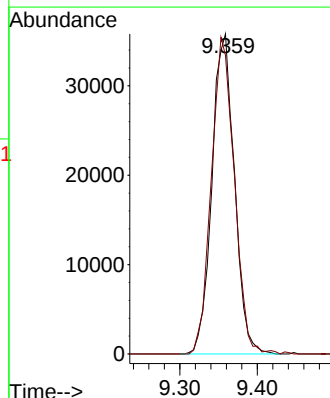
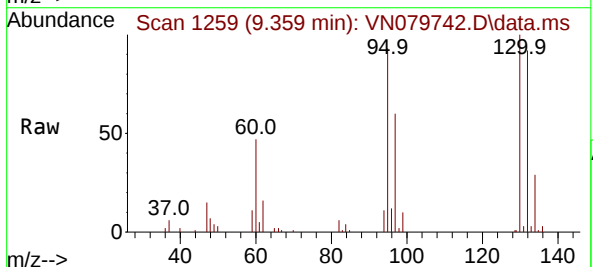
RT: 9.359 min Scan# 1259

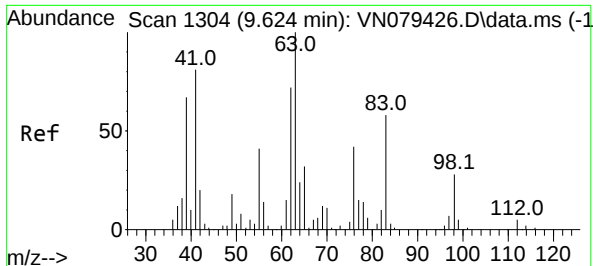
Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Tgt Ion:130 Resp: 72288
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.107 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 63 Resp: 7978

Ion Ratio Lower Upper

63 100

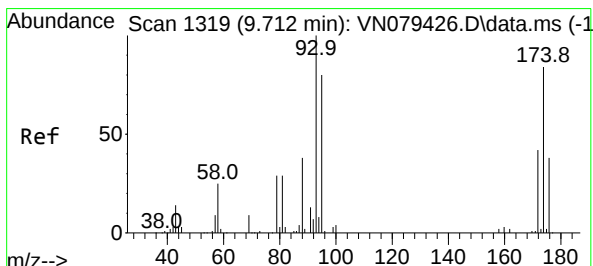
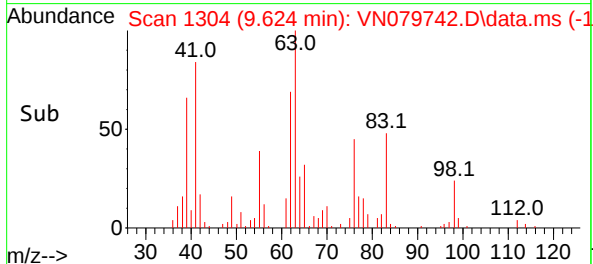
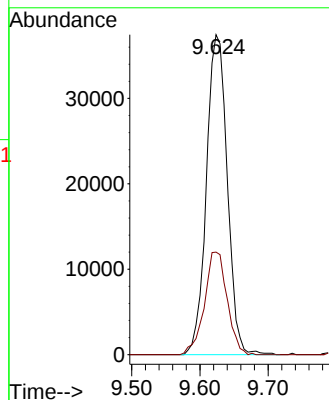
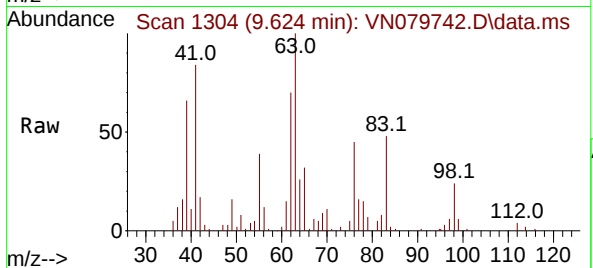
65 32.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#46

Dibromomethane

Concen: 18.783 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

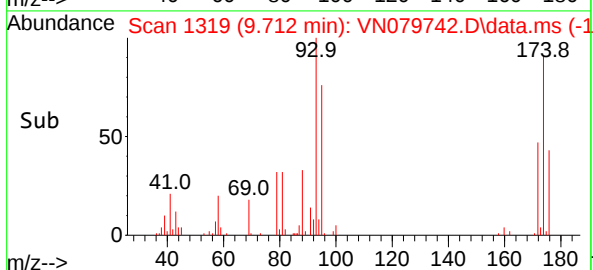
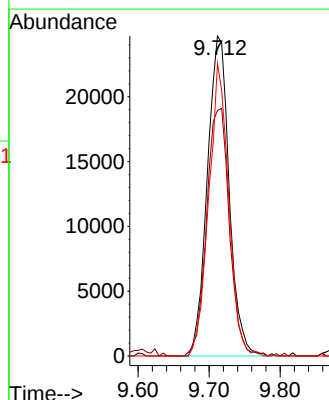
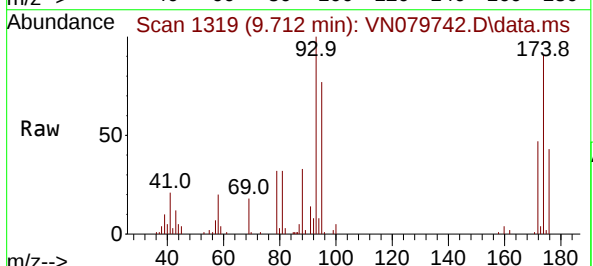
Tgt Ion: 93 Resp: 52897

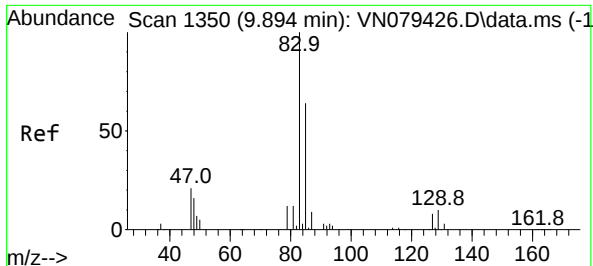
Ion Ratio Lower Upper

93 100

95 80.4 63.8 95.8

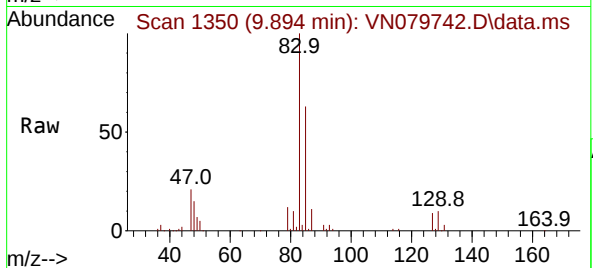
174 83.0 65.6 98.4





#47
Bromodichloromethane
Concen: 19.349 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

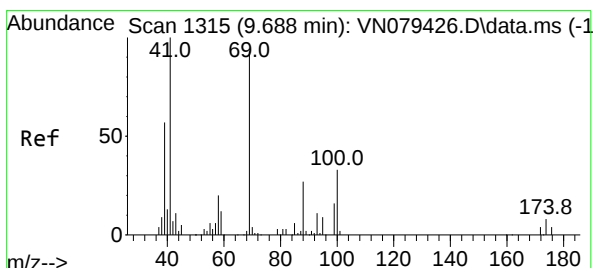
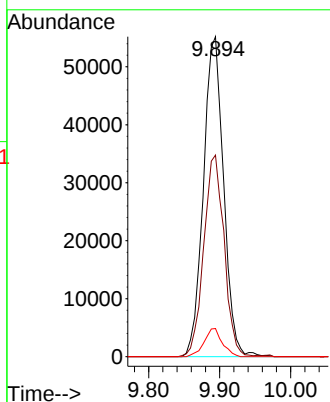
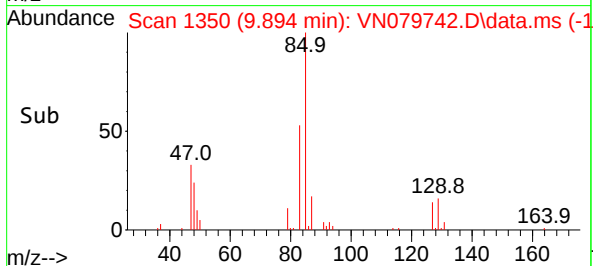
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 83 Resp: 109314
Ion Ratio Lower Upper
83 100
85 63.0 49.6 74.4
127 8.8 7.0 10.6

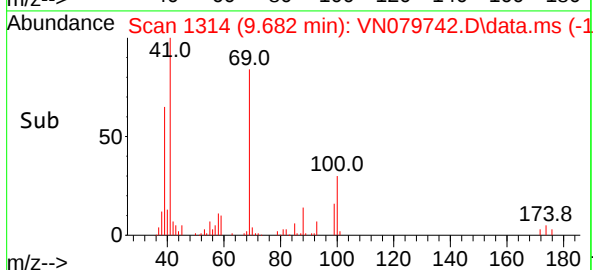
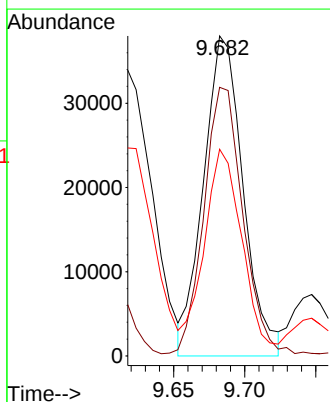
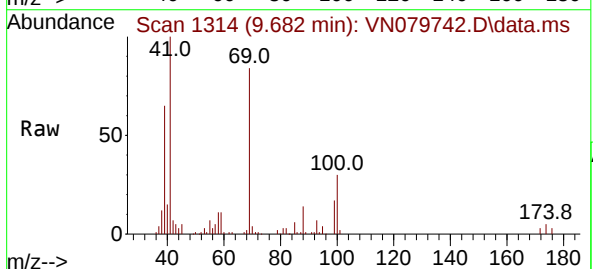
Manual Integrations
APPROVED

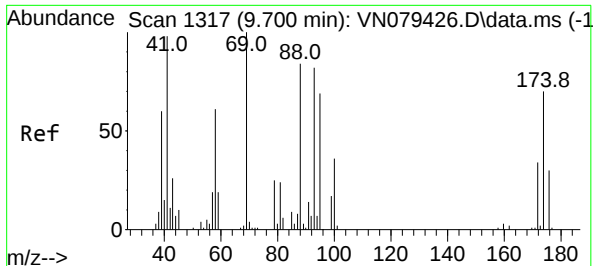
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#48
Methyl methacrylate
Concen: 18.835 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 41 Resp: 73709
Ion Ratio Lower Upper
41 100
69 84.0 90.4 135.6#
39 61.8 54.6 81.8





#49

1,4-Dioxane

Concen: 345.200 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 88 Resp: 23772

Ion Ratio Lower Upper

88 100

43 26.4 17.0 25.6

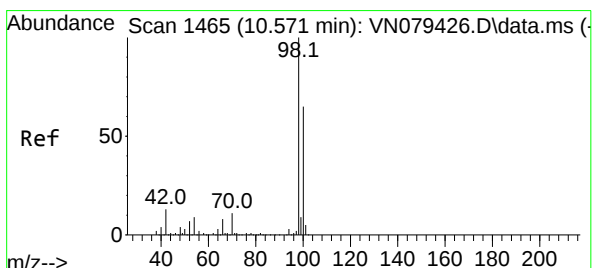
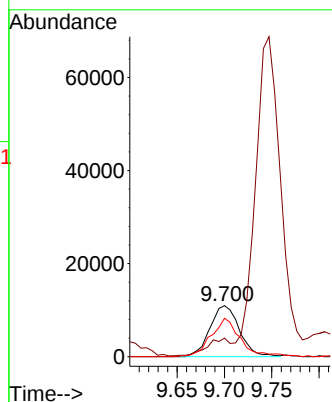
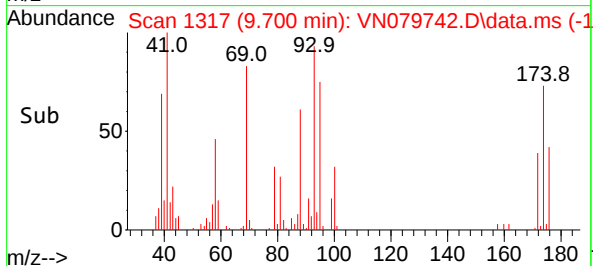
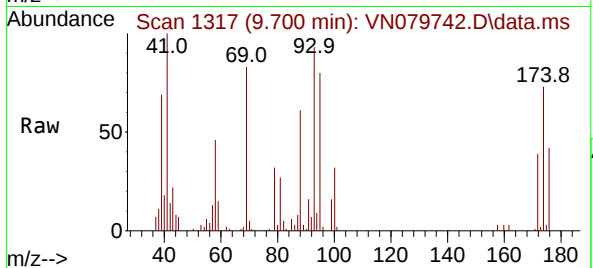
58 75.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#50

Toluene-d8

Concen: 51.131 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079742.D

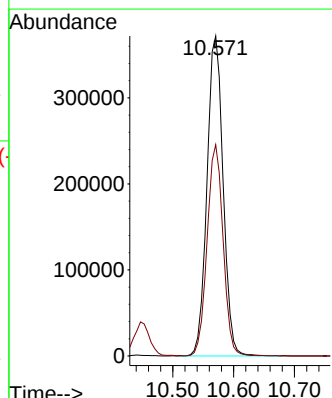
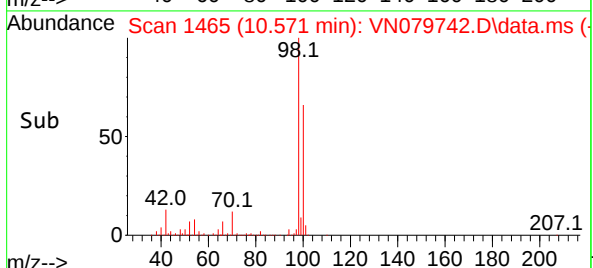
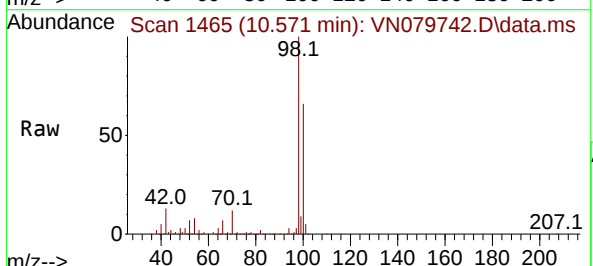
Acq: 31 Oct 2023 14:22

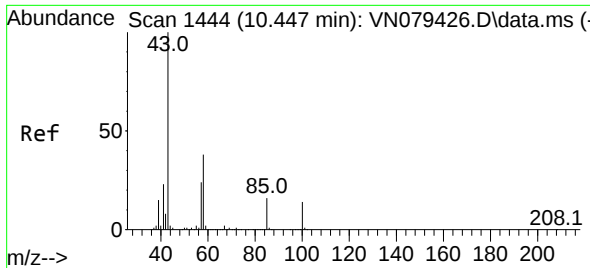
Tgt Ion: 98 Resp: 684412

Ion Ratio Lower Upper

98 100

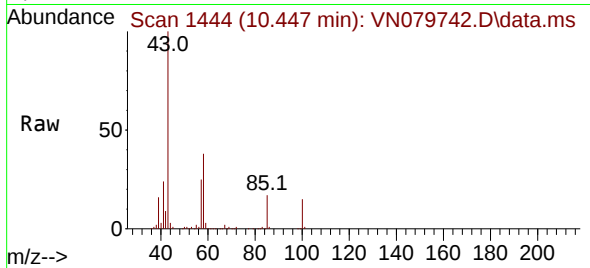
100 65.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 92.778 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

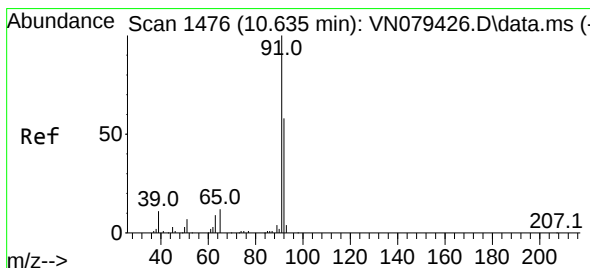
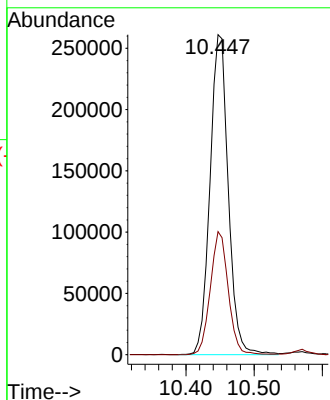
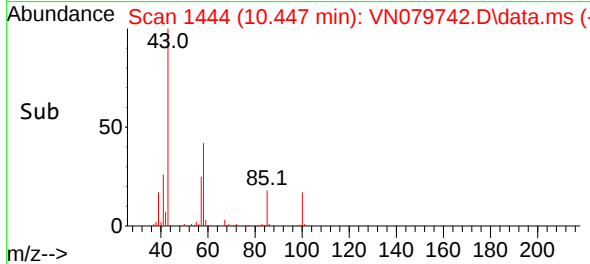
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



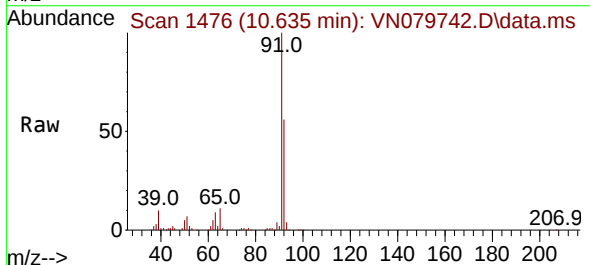
Tgt Ion: 43 Resp: 48727
Ion Ratio Lower Upper
43 100
58 37.7 36.6 54.8

Manual Integrations
APPROVED

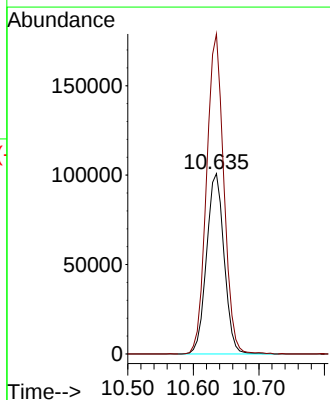
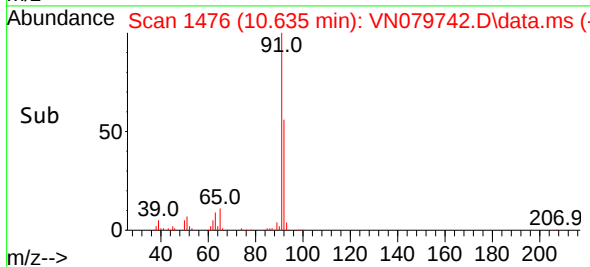
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

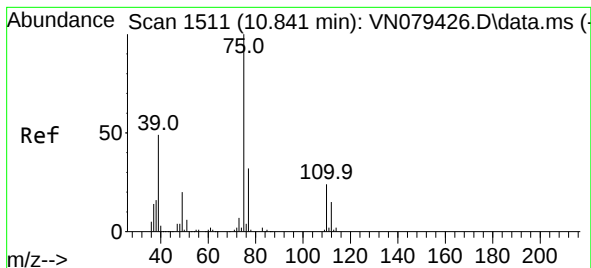


#52
Toluene
Concen: 19.553 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



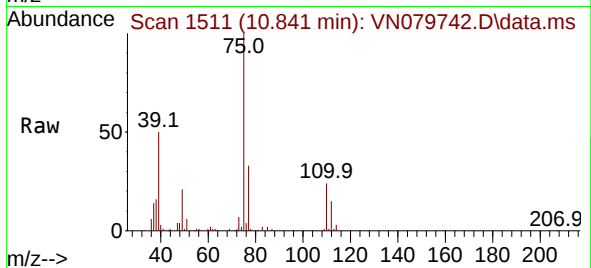
Tgt Ion: 92 Resp: 187669
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.830 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

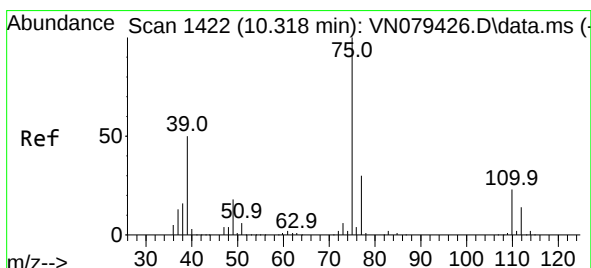
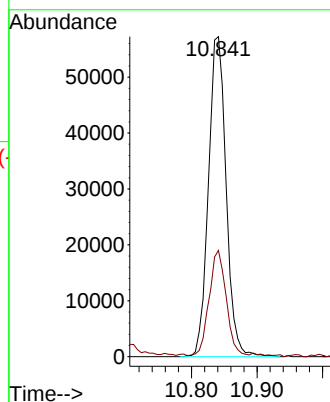
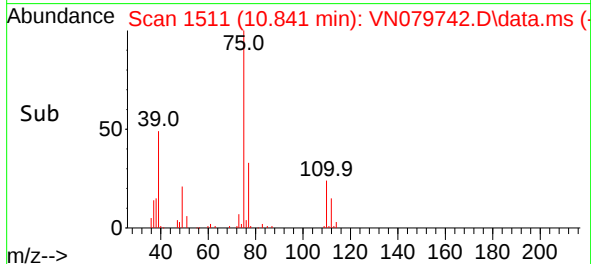
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 75 Resp: 107423
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

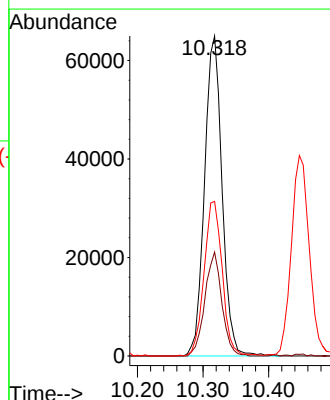
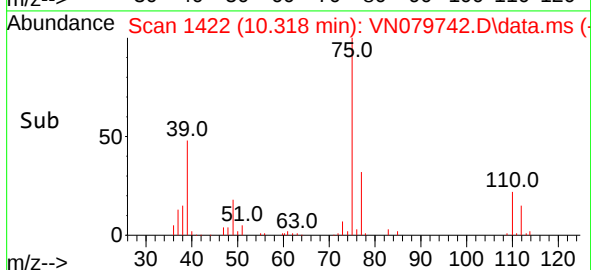
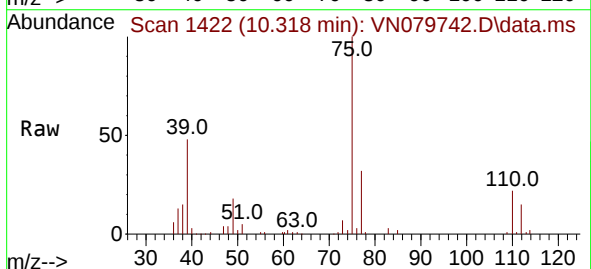
Manual Integrations
APPROVED

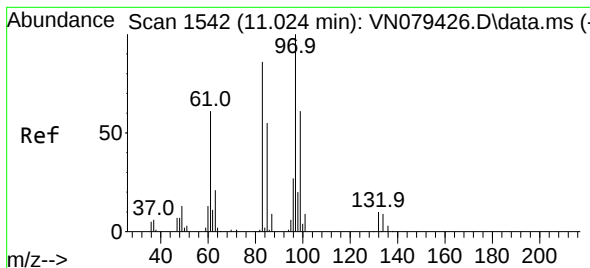
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#54
cis-1,3-Dichloropropene
Concen: 19.403 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

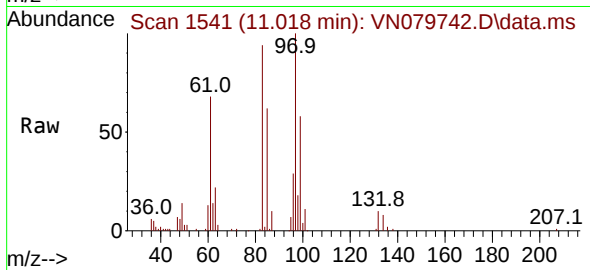
Tgt Ion: 75 Resp: 121110
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 48.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.104 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

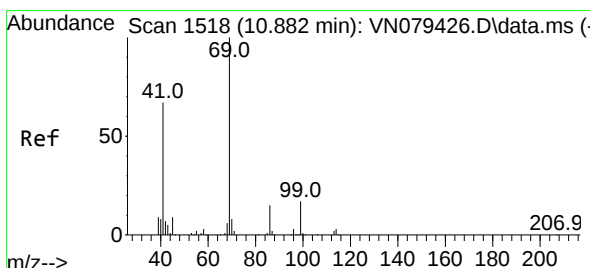
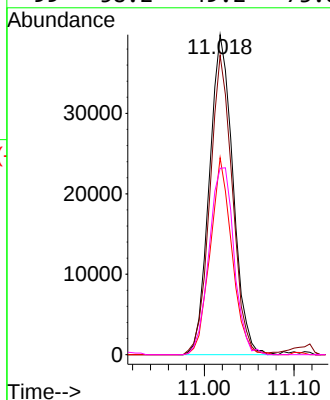
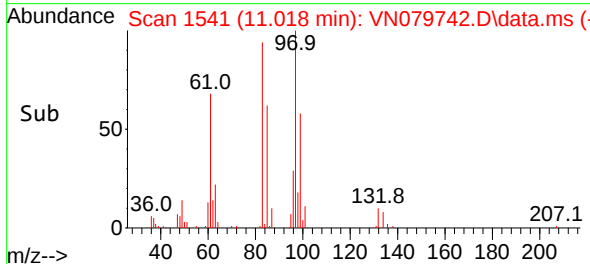
Instrument : MSVOA_N
ClientSampleId : VN1031WBS01



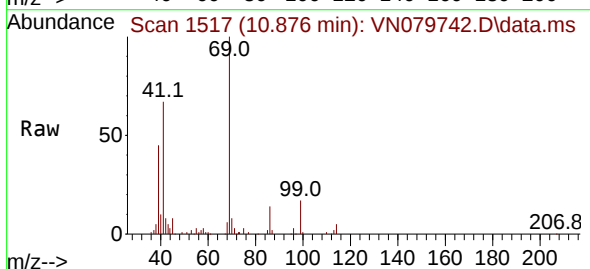
Tgt Ion:	97	Resp:	72514
Ion Ratio	Lower	Upper	
97	100		
83	93.5	65.1	97.7
85	61.6	43.4	65.2
99	58.2	49.2	73.8

Manual Integrations
APPROVED

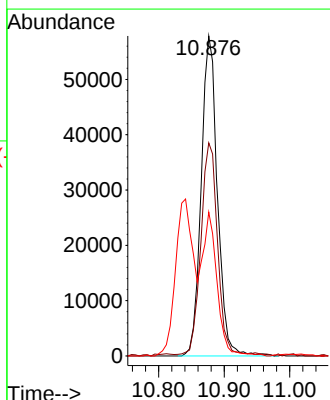
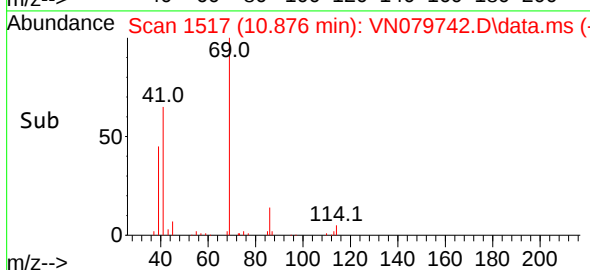
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#56
Ethyl methacrylate
Concen: 18.607 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



Tgt Ion:	69	Resp:	99744
Ion Ratio	Lower	Upper	
69	100		
41	67.1	39.6	59.4#
39	41.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.400 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 76 Resp: 12886

Ion Ratio Lower Upper

76 100

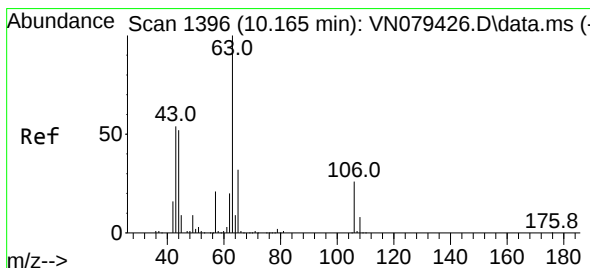
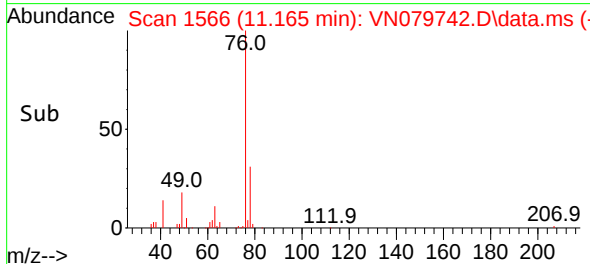
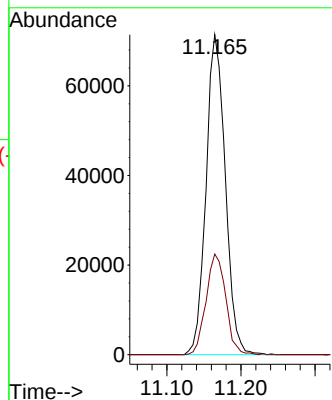
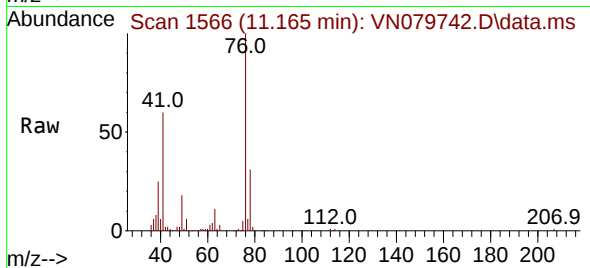
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 89.304 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079742.D

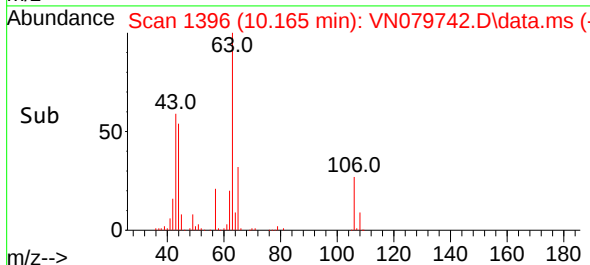
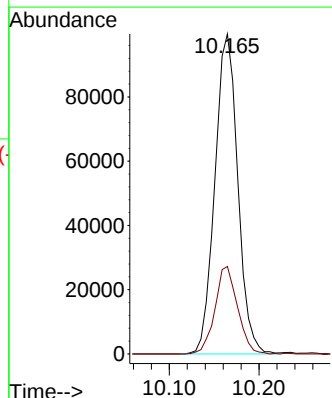
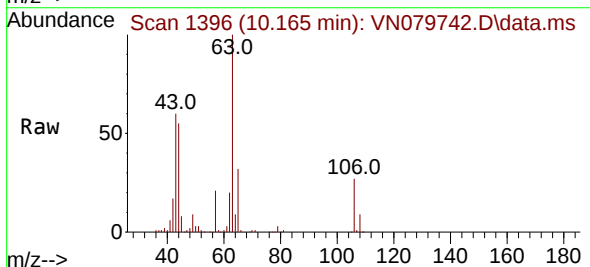
Acq: 31 Oct 2023 14:22

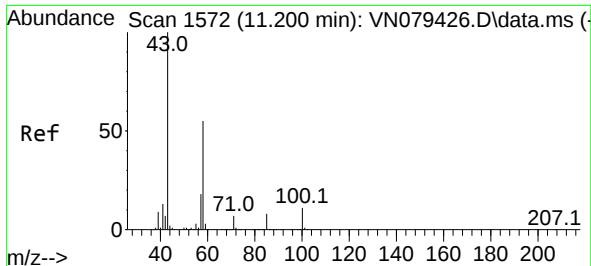
Tgt Ion: 63 Resp: 176371

Ion Ratio Lower Upper

63 100

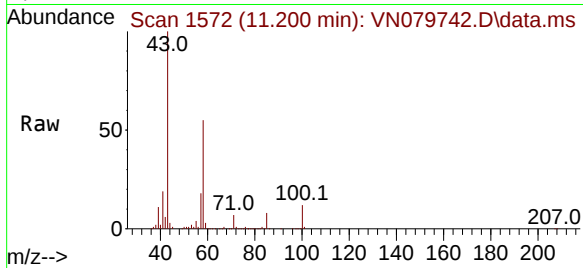
106 26.9 26.2 39.4





#59
2-Hexanone
Concen: 85.641 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

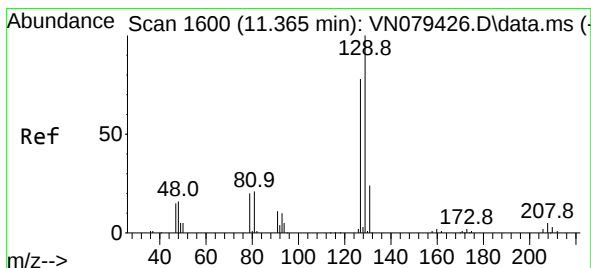
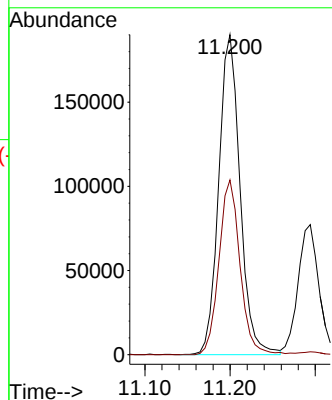
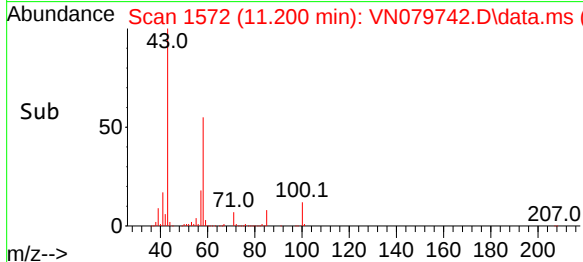
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 43 Resp: 330720
Ion Ratio Lower Upper
43 100
58 54.1 31.7 95.1

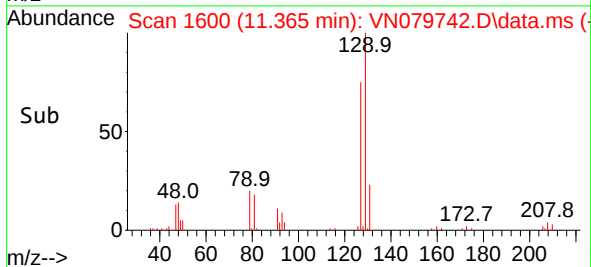
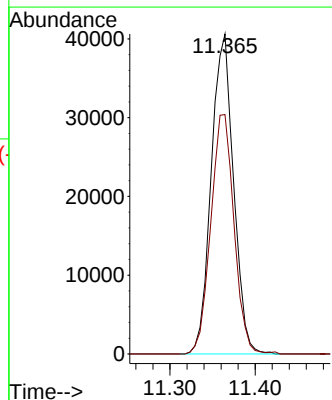
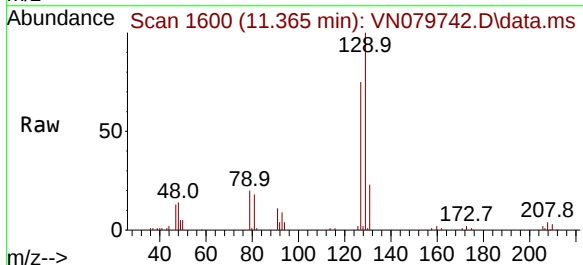
Manual Integrations
APPROVED

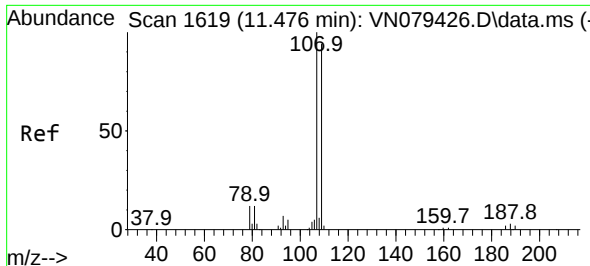
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#60
Dibromochloromethane
Concen: 18.791 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:129 Resp: 73807
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





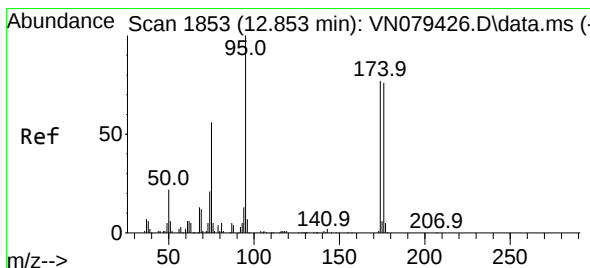
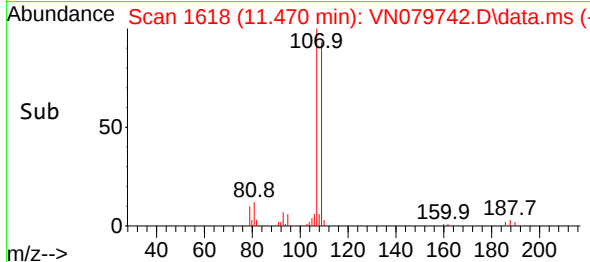
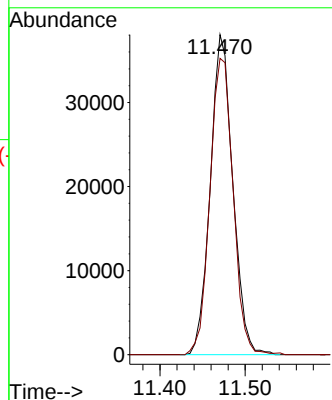
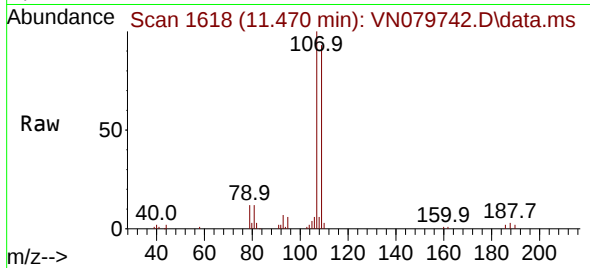
#61
1,2-Dibromoethane
Concen: 18.496 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion:107 Resp: 69940
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8

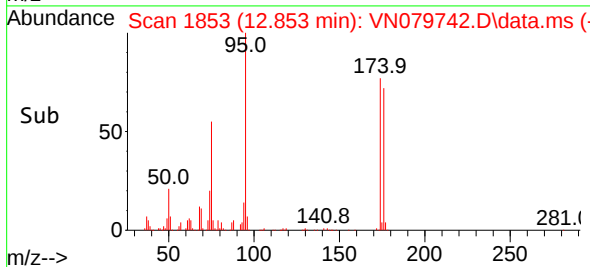
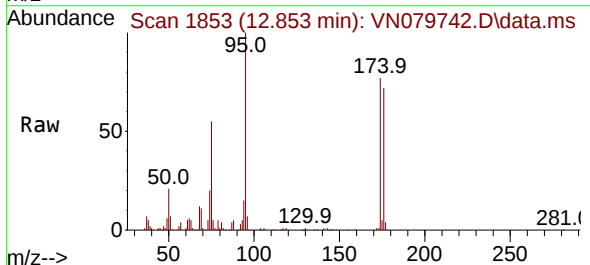
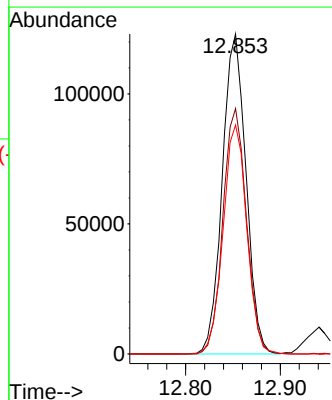
Manual Integrations
APPROVED

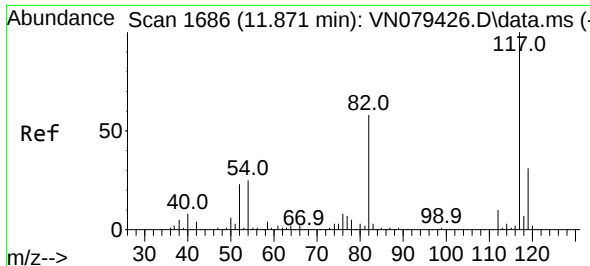
Reviewed By :John Carbone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

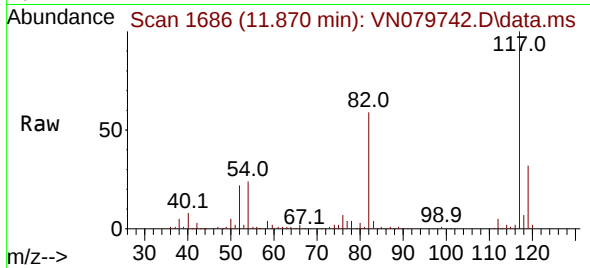
Tgt Ion: 95 Resp: 213849
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 71.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

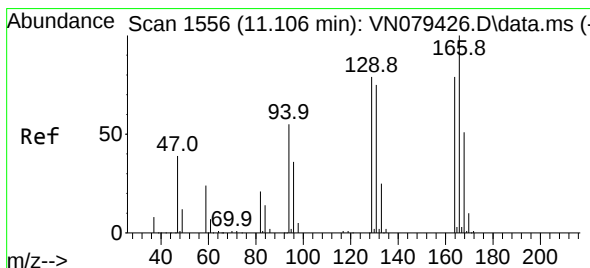
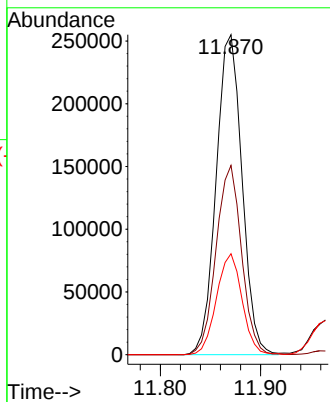
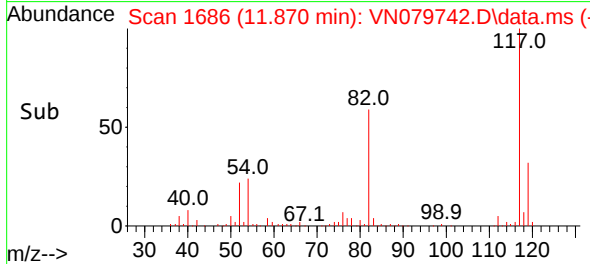
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion:117 Resp: 457415
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.6 25.6 38.4

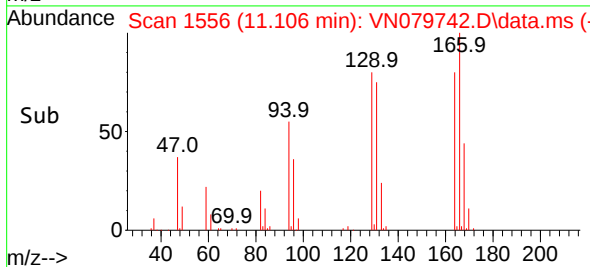
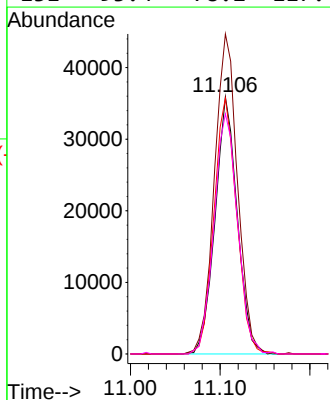
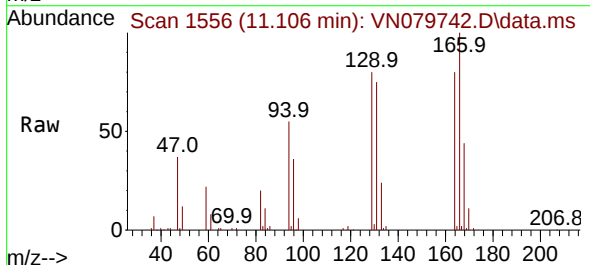
Manual Integrations
APPROVED

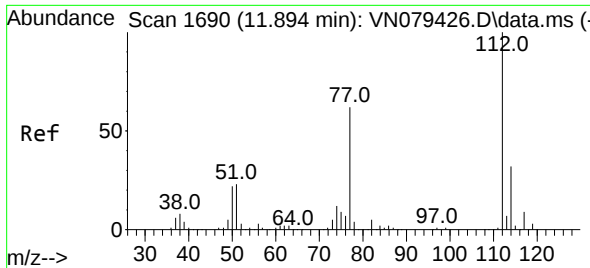
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#64
Tetrachloroethene
Concen: 19.033 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

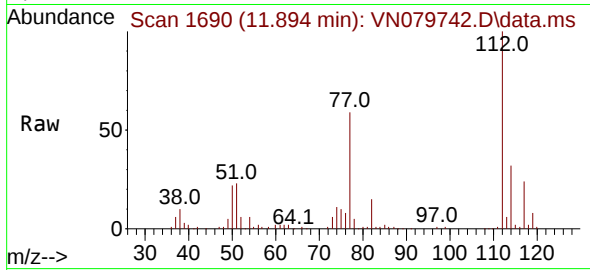
Tgt Ion:164 Resp: 61759
Ion Ratio Lower Upper
164 100
166 124.4 101.4 152.0
129 99.5 82.4 123.6
131 93.4 78.2 117.4





#65
Chlorobenzene
Concen: 18.423 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

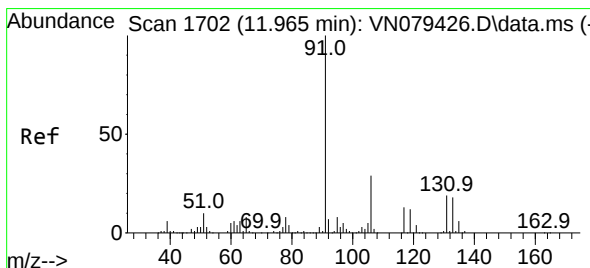
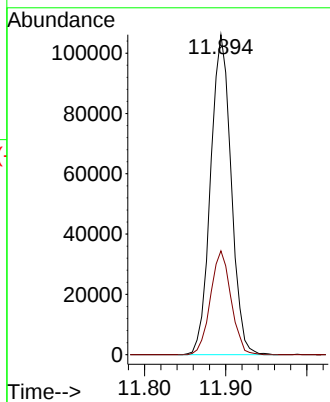
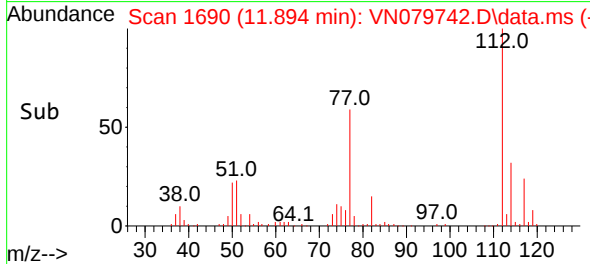
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion:112 Resp: 186519
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

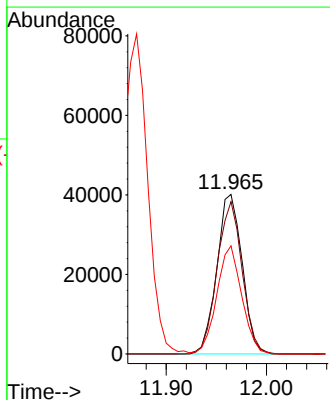
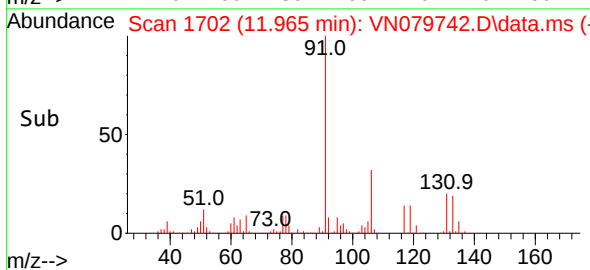
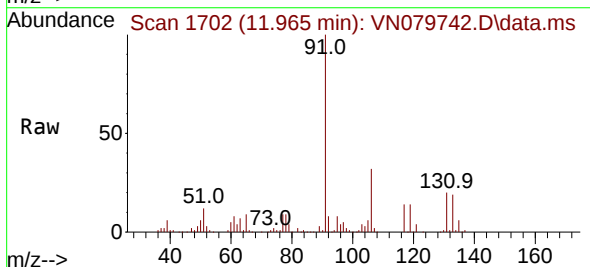
Manual Integrations
APPROVED

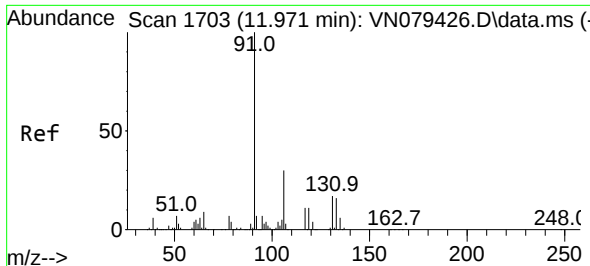
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.664 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:131 Resp: 70212
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 66.8 34.1 102.2





#67

Ethyl Benzene

Concen: 18.897 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 91 Resp: 33705

Ion Ratio Lower Upper

91 100

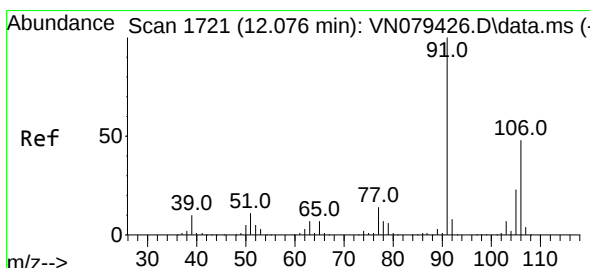
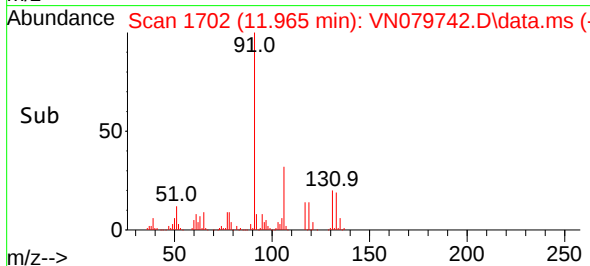
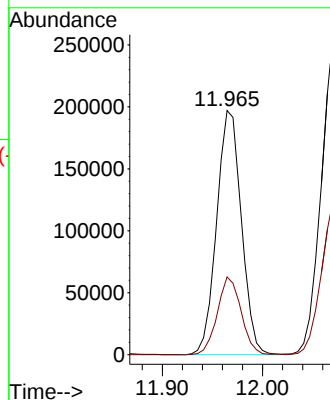
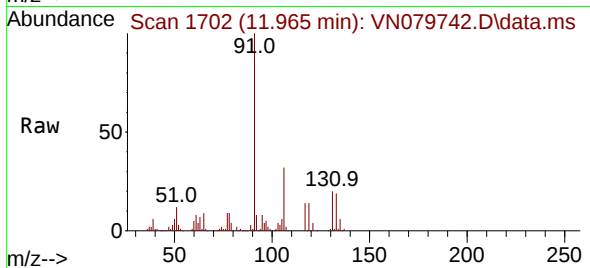
106 31.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#68

m/p-Xylenes

Concen: 38.035 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.006 min

Lab File: VN079742.D

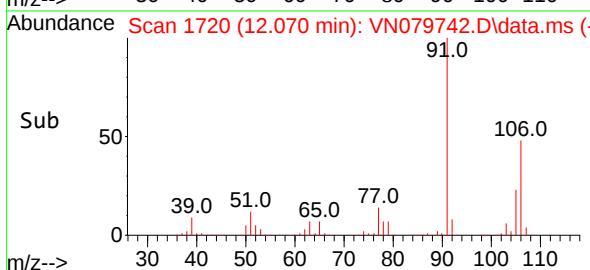
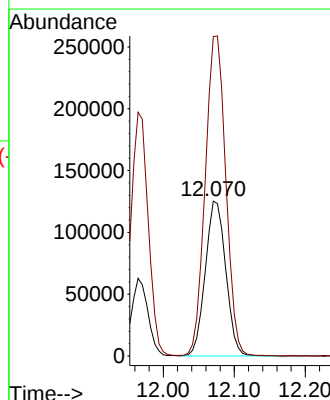
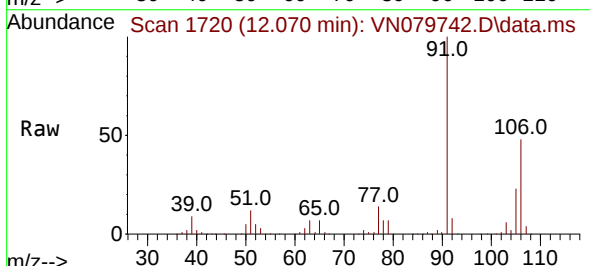
Acq: 31 Oct 2023 14:22

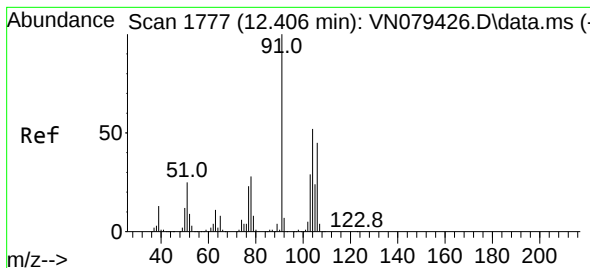
Tgt Ion:106 Resp: 250914

Ion Ratio Lower Upper

106 100

91 208.2 159.6 239.4





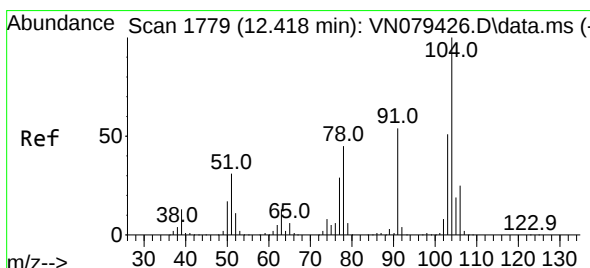
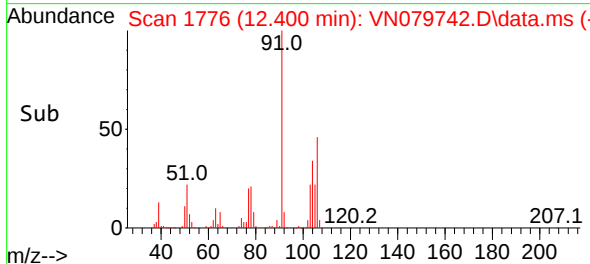
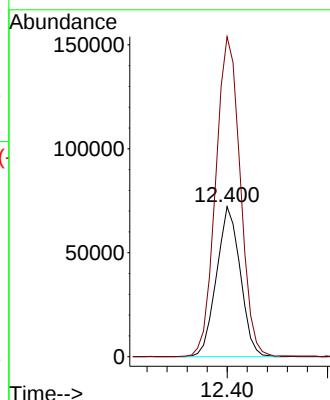
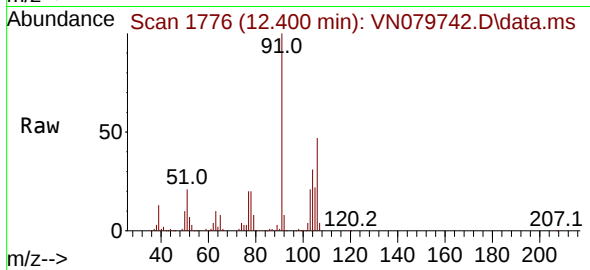
#69
o-Xylene
Concen: 18.678 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion:106 Resp: 118484
Ion Ratio Lower Upper
106 100
91 221.0 105.2 315.5

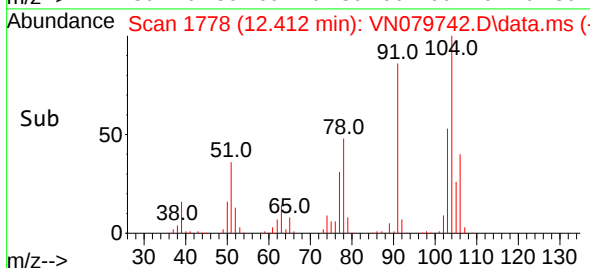
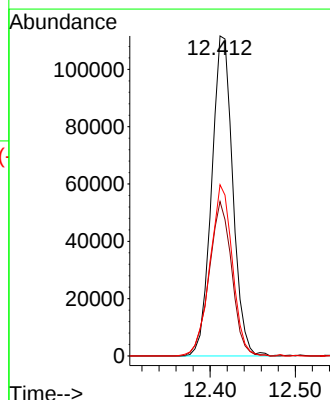
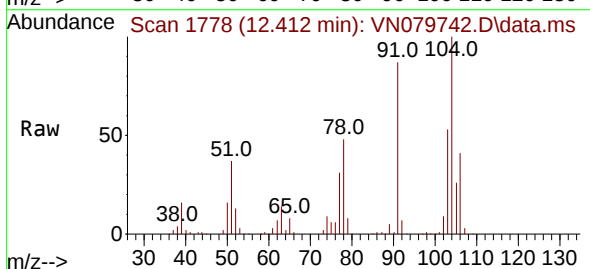
Manual Integrations
APPROVED

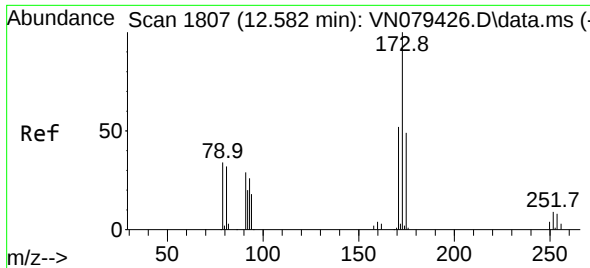
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#70
Styrene
Concen: 19.012 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

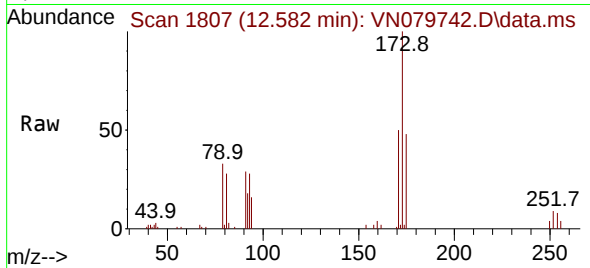
Tgt Ion:104 Resp: 193188
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 56.7 43.2 64.8





#71
Bromoform
Concen: 17.519 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

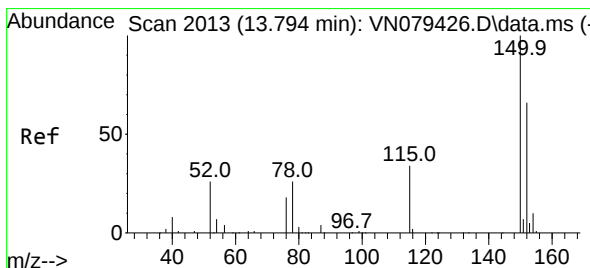
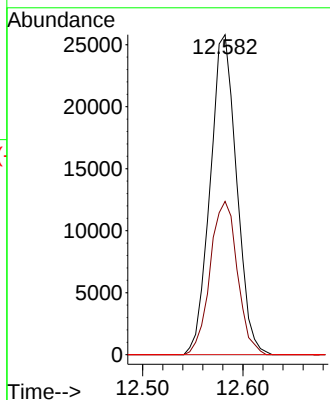
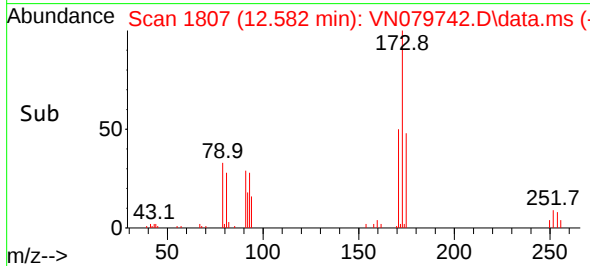
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



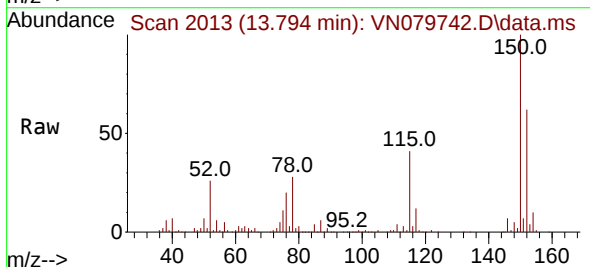
Tgt Ion:173 Resp: 47204
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

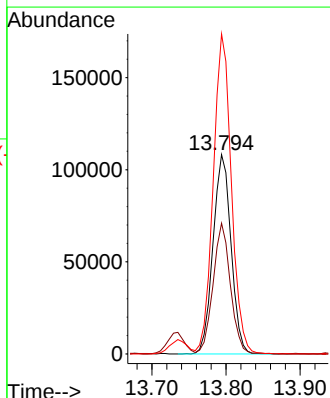
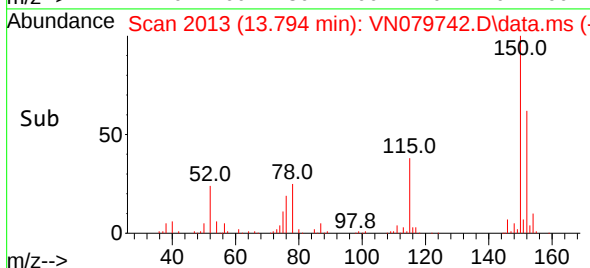
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

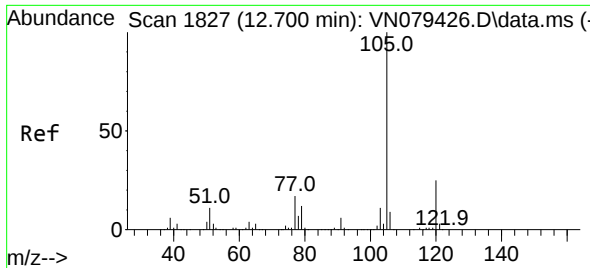


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22



Tgt Ion:152 Resp: 182459
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 161.6 0.0 355.8





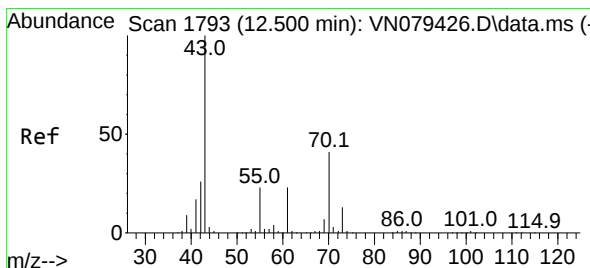
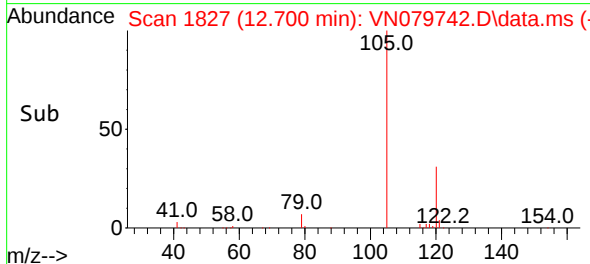
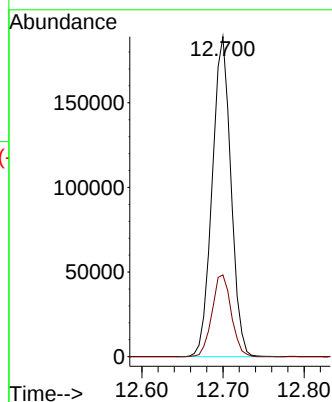
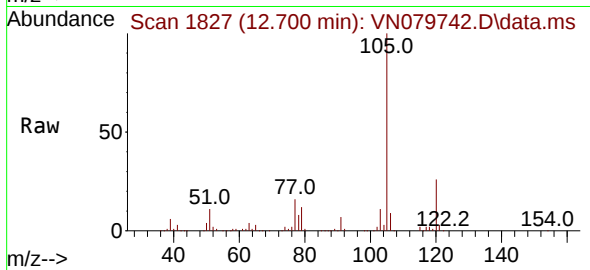
#73
Isopropylbenzene
Concen: 18.354 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion:105 Resp: 30333
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

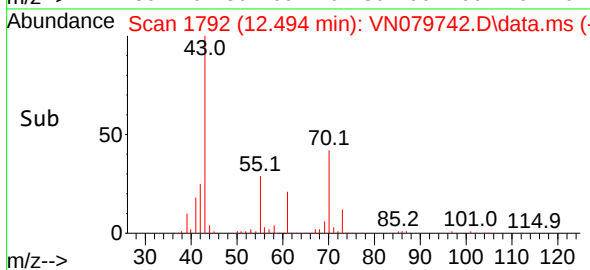
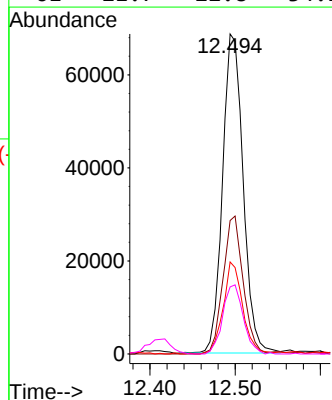
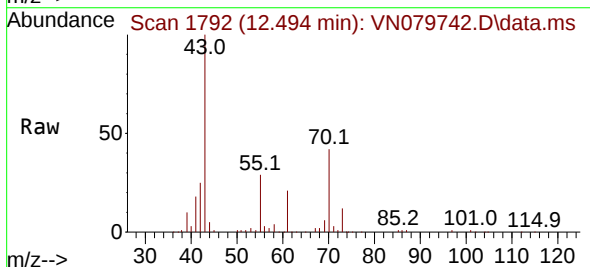
Manual Integrations
APPROVED

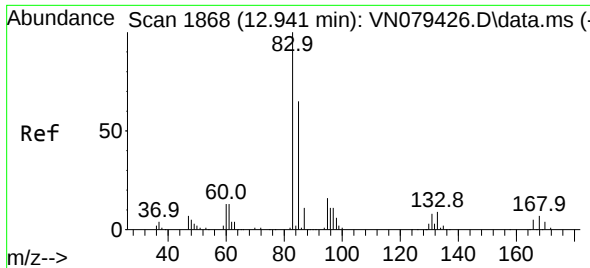
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#74
N-ethyl acetate
Concen: 17.544 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

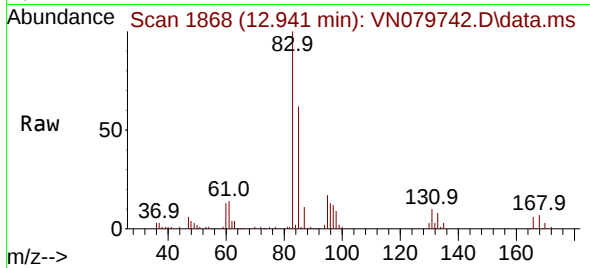
Tgt Ion: 43 Resp: 115324
Ion Ratio Lower Upper
43 100
70 42.2 43.4 65.2#
55 27.2 21.4 32.0
61 21.7 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 17.455 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

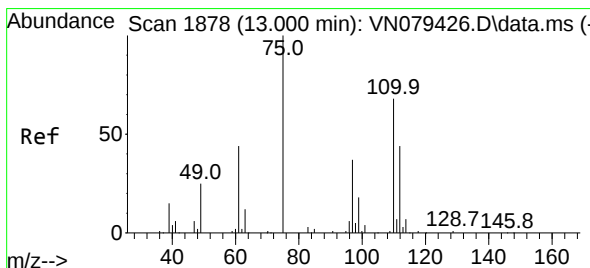
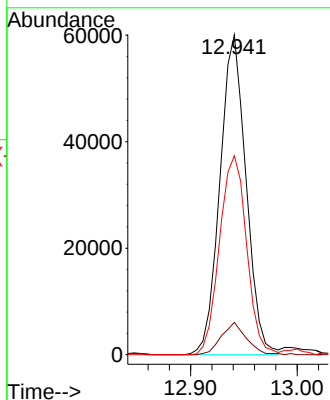
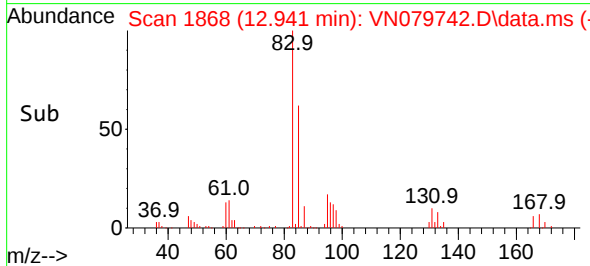
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 83 Resp: 102129
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.4 31.9 95.7

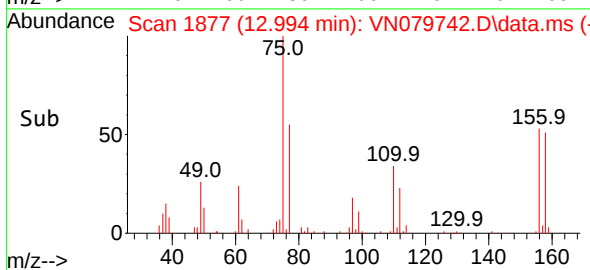
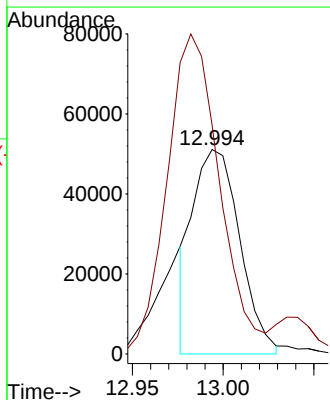
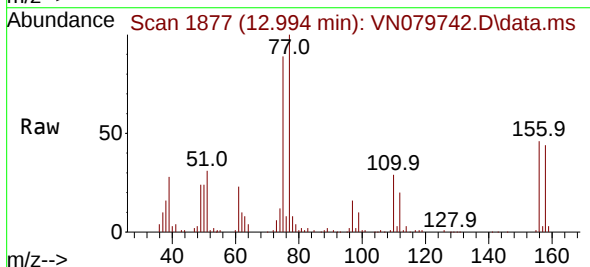
Manual Integrations
APPROVED

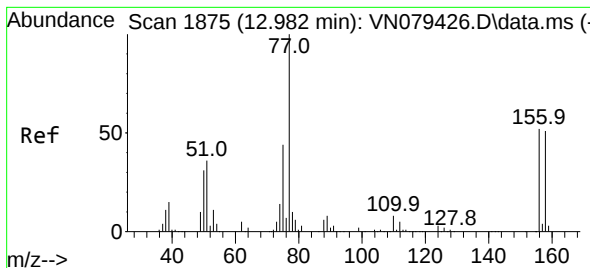
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#76
1,2,3-Trichloropropane
Concen: 18.489 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 75 Resp: 91601
Ion Ratio Lower Upper
75 100
77 176.4 84.5 253.5





#77

Bromobenzene

Concen: 18.573 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

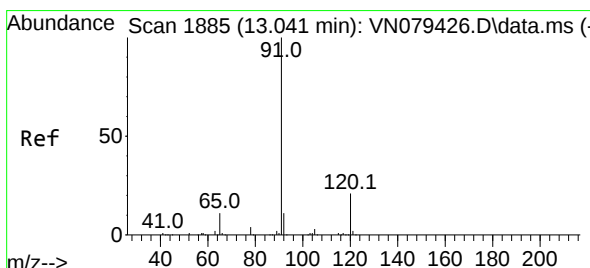
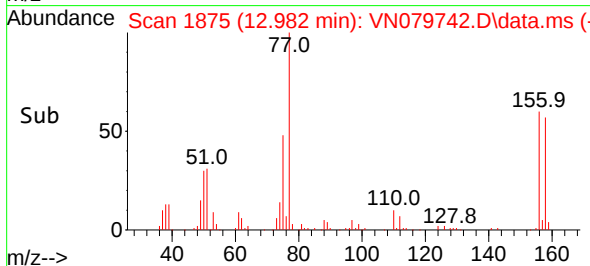
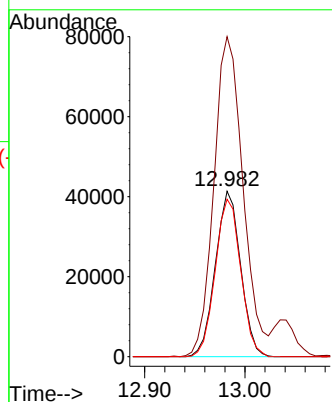
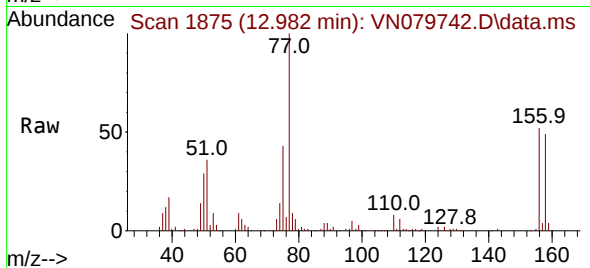
Tgt Ion:156 Resp: 72184
 Ion Ratio Lower Upper
 156 100
 77 223.9 107.7 323.3
 158 96.1 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#78

n-propylbenzene

Concen: 19.450 ug/l

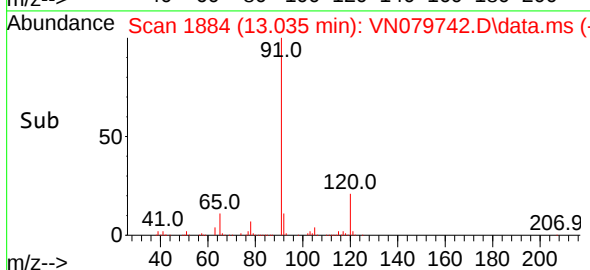
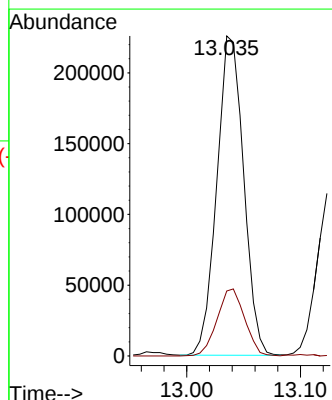
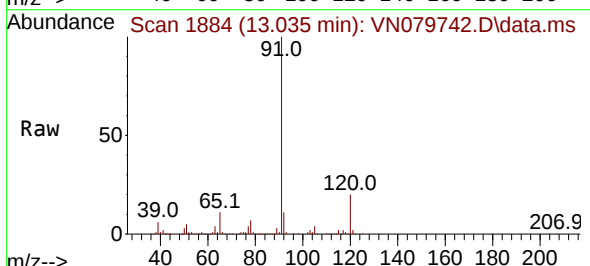
RT: 13.035 min Scan# 1884

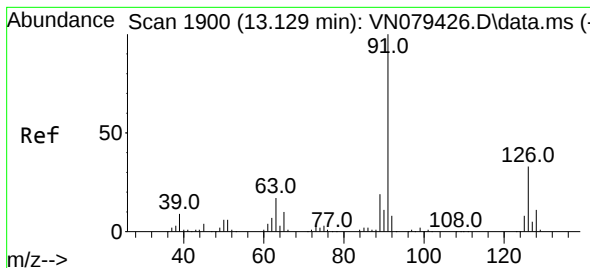
Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Tgt Ion: 91 Resp: 370290
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.5 34.4





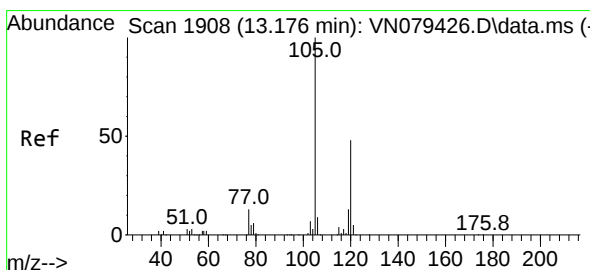
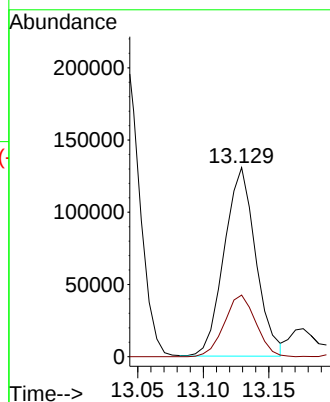
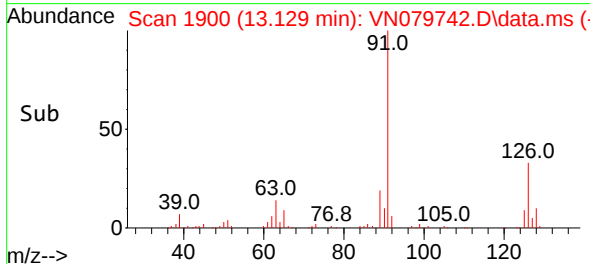
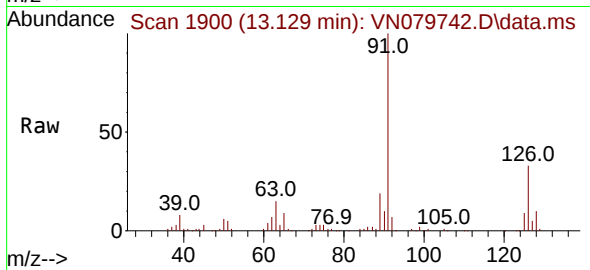
#79
2-Chlorotoluene
Concen: 18.435 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 91 Resp: 218774
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

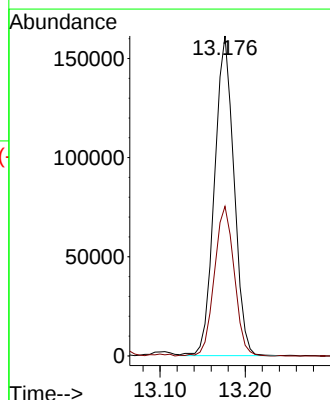
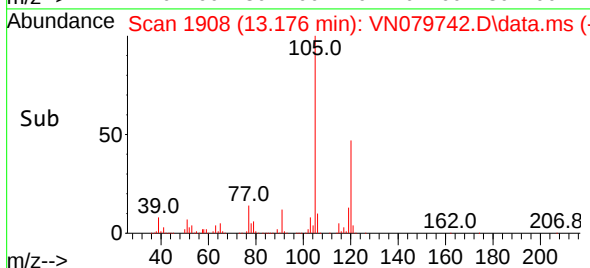
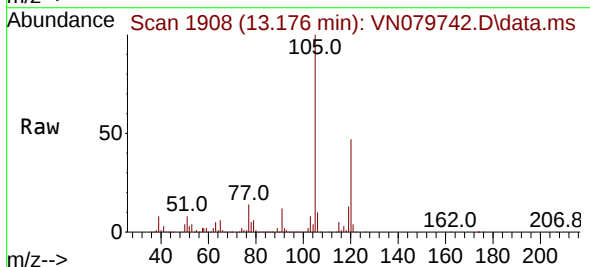
Manual Integrations
APPROVED

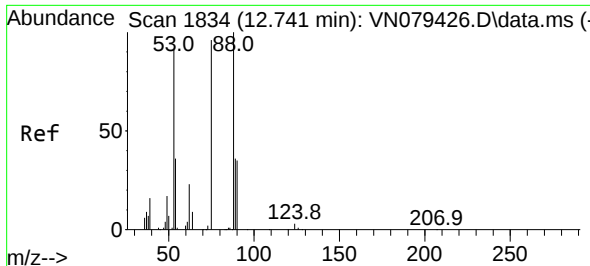
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.964 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

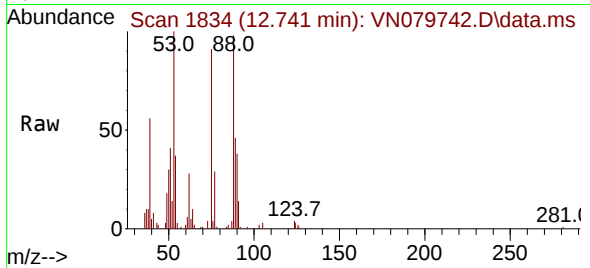
Tgt Ion:105 Resp: 255475
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.527 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

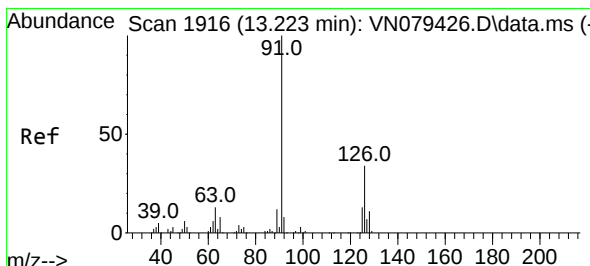
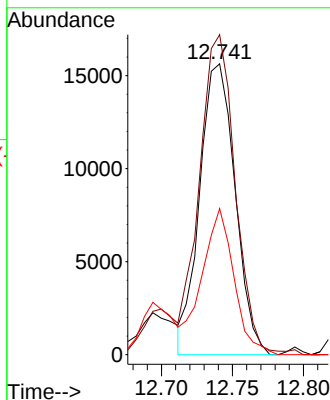
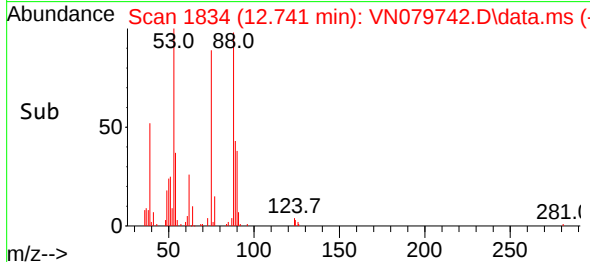
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 75 Resp: 27140
Ion Ratio Lower Upper
75 100
53 111.4 67.4 101.2
89 45.8 38.8 58.2

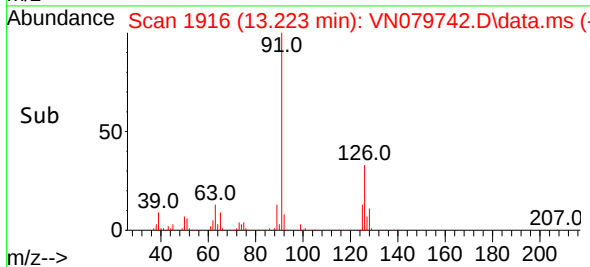
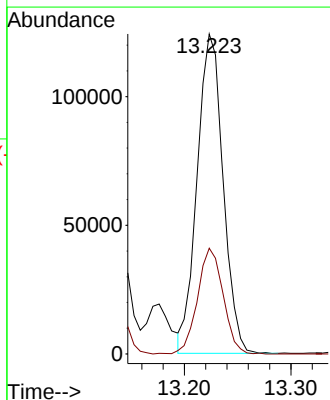
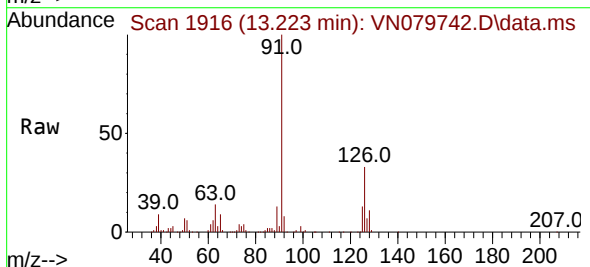
Manual Integrations
APPROVED

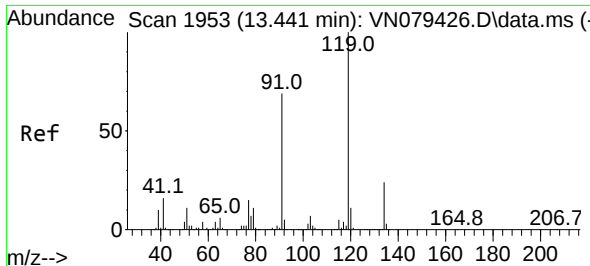
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#82
4-Chlorotoluene
Concen: 18.416 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

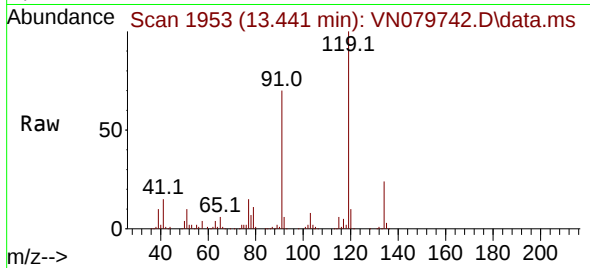
Tgt Ion: 91 Resp: 209924
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.648 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

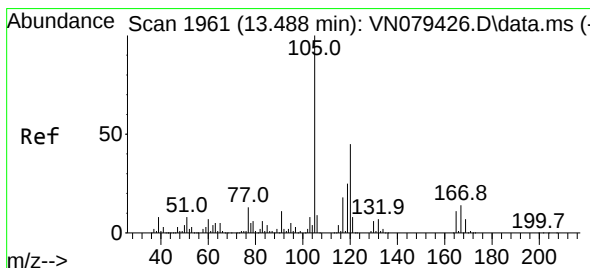
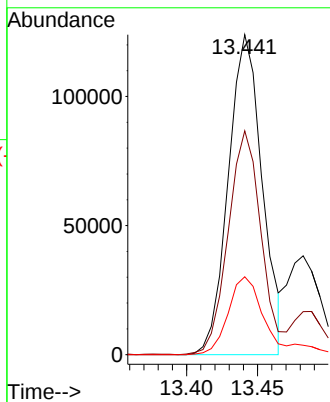
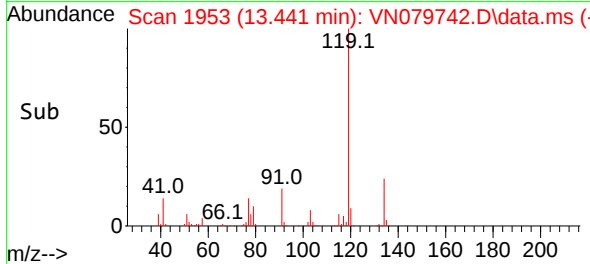
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion:119 Resp: 205889
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 27.0 13.2 39.6

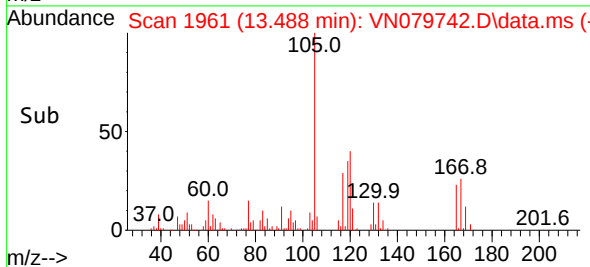
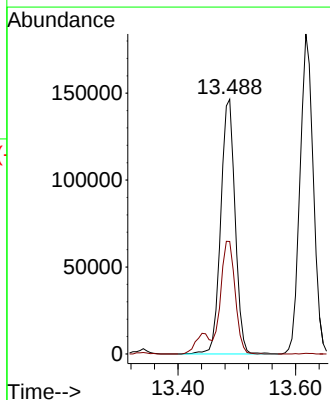
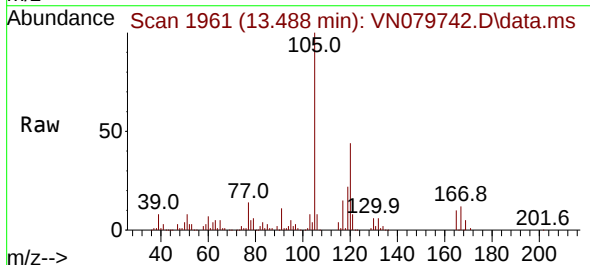
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.091 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

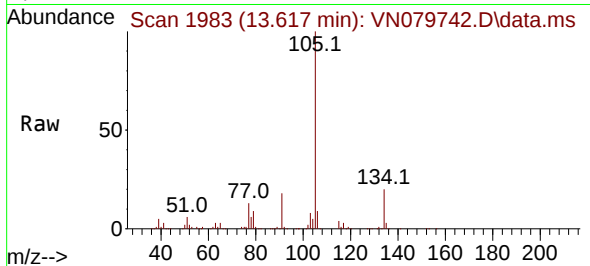
Tgt Ion:105 Resp: 248119
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.794 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

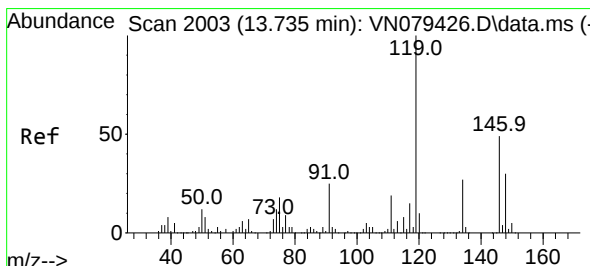
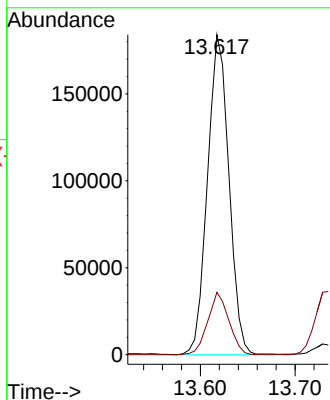
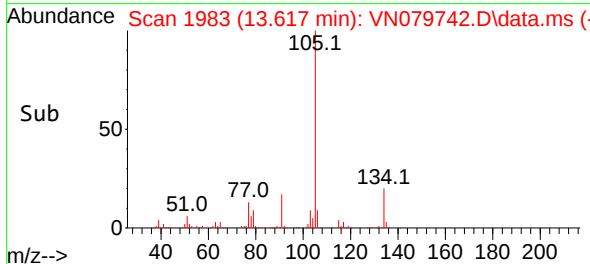
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01



Tgt Ion:105 Resp: 28943
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

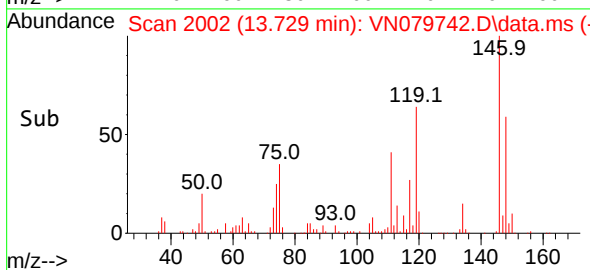
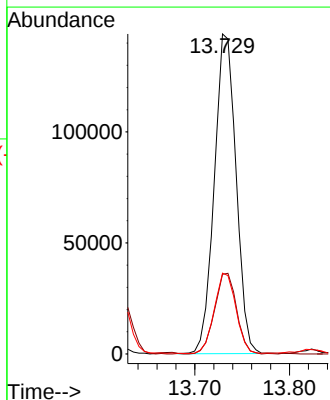
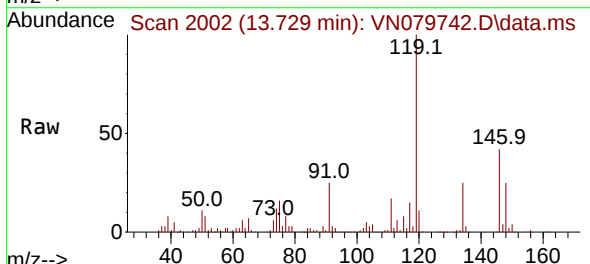
Manual Integrations
 APPROVED

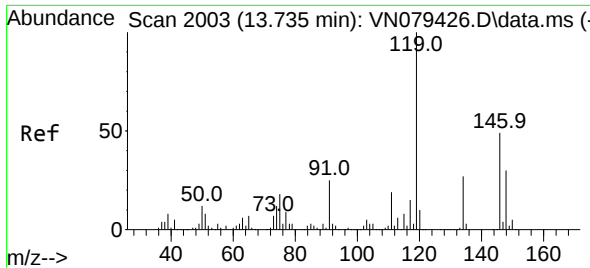
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#86
 p-Isopropyltoluene
 Concen: 18.771 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079742.D
 Acq: 31 Oct 2023 14:22

Tgt Ion:119 Resp: 230237
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.0 12.4 37.2





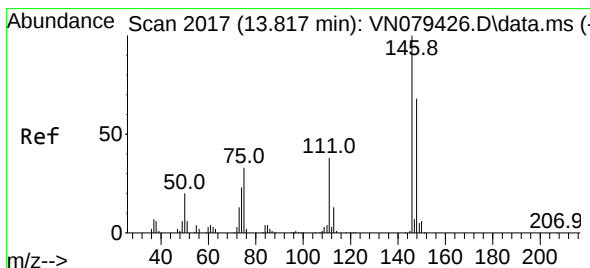
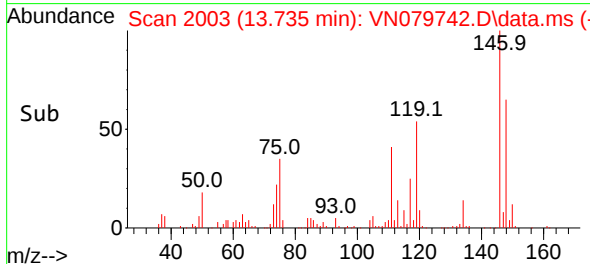
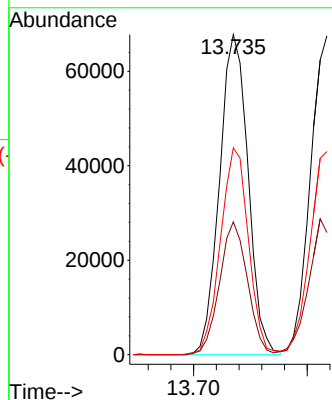
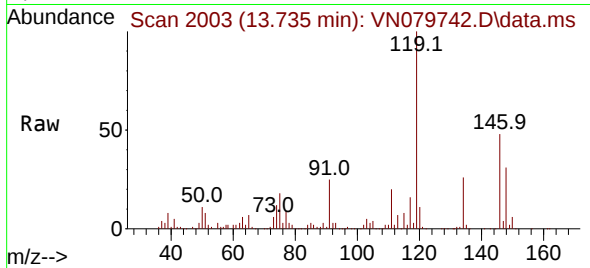
#87
1,3-Dichlorobenzene
Concen: 17.998 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion:146 Resp: 118338
Ion Ratio Lower Upper
146 100
111 40.5 22.1 66.3
148 63.6 32.0 96.0

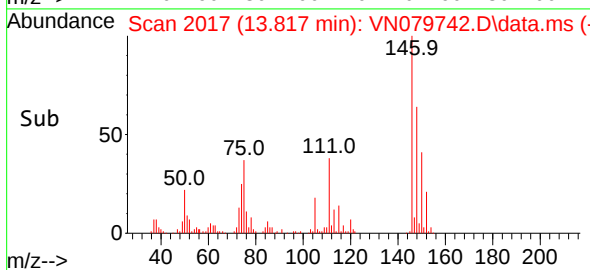
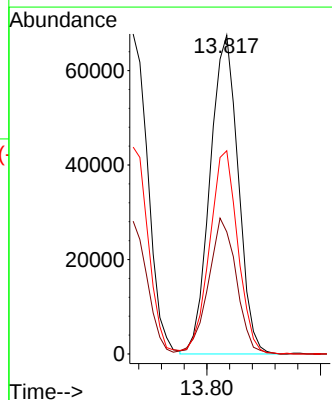
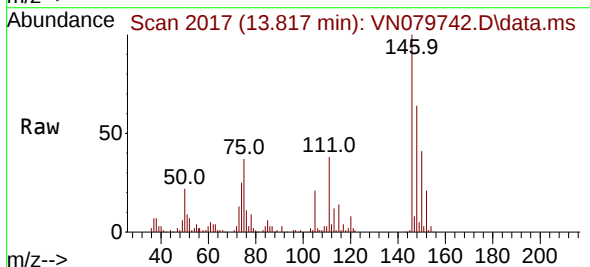
Manual Integrations
APPROVED

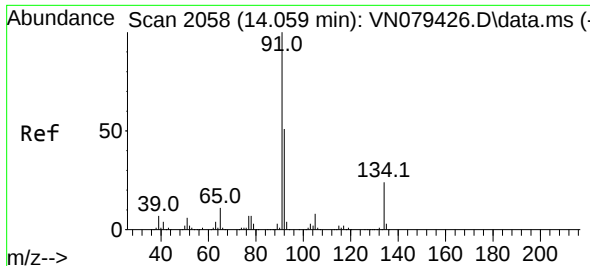
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#88
1,4-Dichlorobenzene
Concen: 17.712 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion:146 Resp: 116016
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.8
148 63.9 31.6 94.8





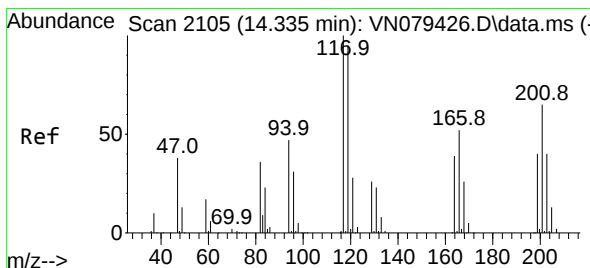
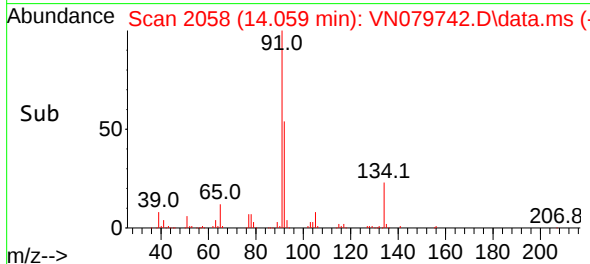
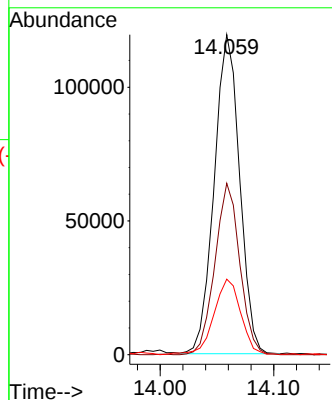
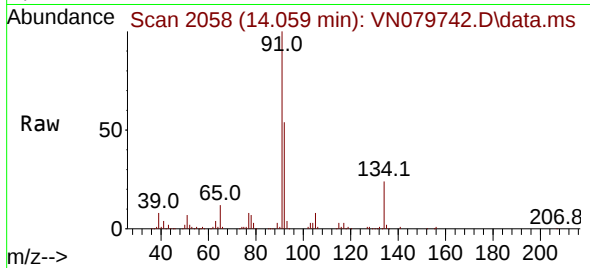
#89
n-Butylbenzene
Concen: 19.037 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 91 Resp: 18551
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 25.2 12.6 37.6

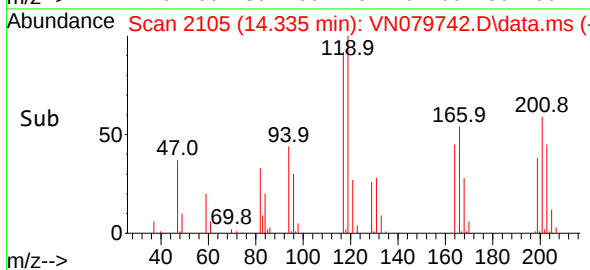
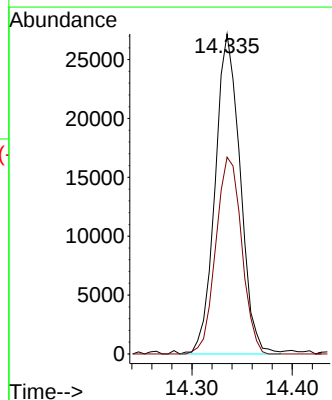
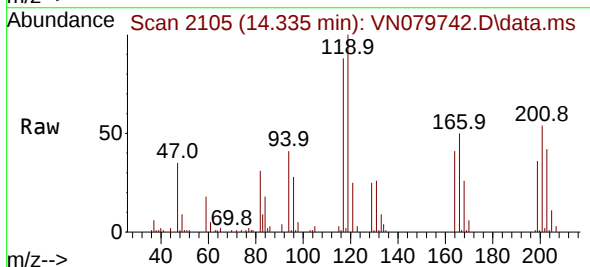
Manual Integrations
APPROVED

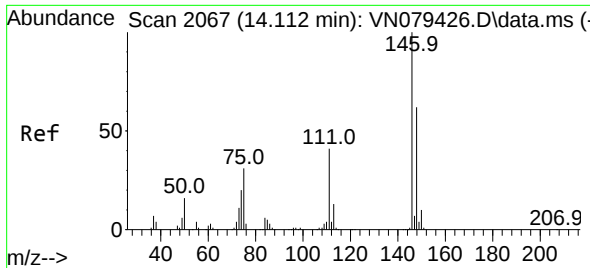
Reviewed By :John Carbone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#90
Hexachloroethane
Concen: 18.174 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

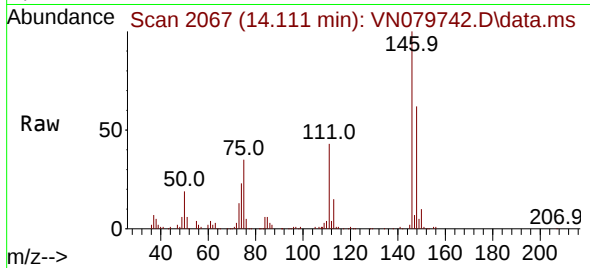
Tgt Ion:117 Resp: 47102
Ion Ratio Lower Upper
117 100
201 63.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 17.844 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

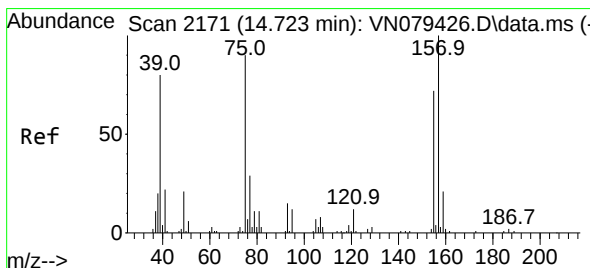
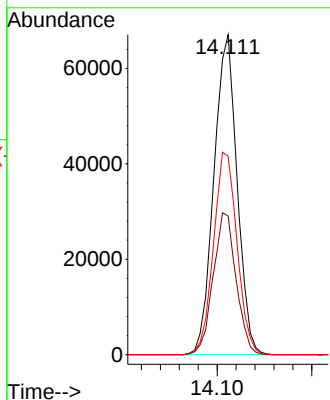
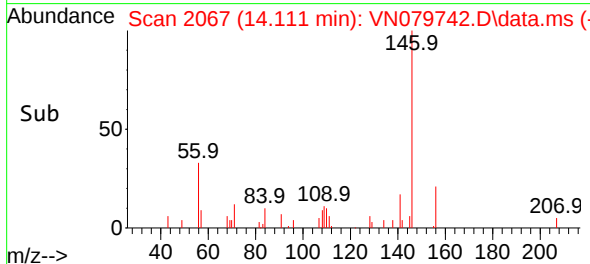
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion:146 Resp: 11411
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.3 31.8 95.3

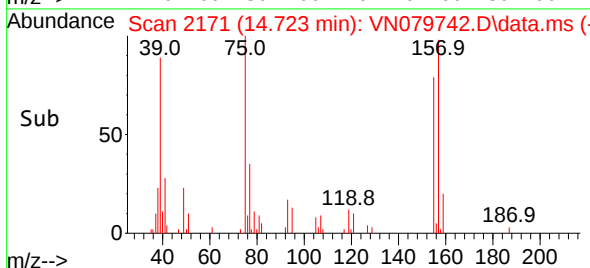
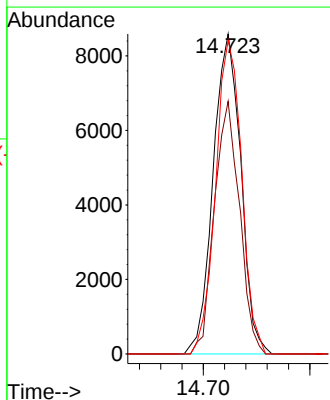
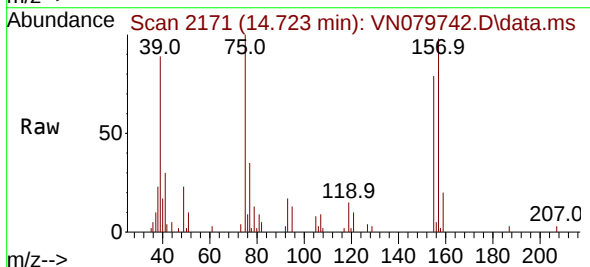
Manual Integrations
APPROVED

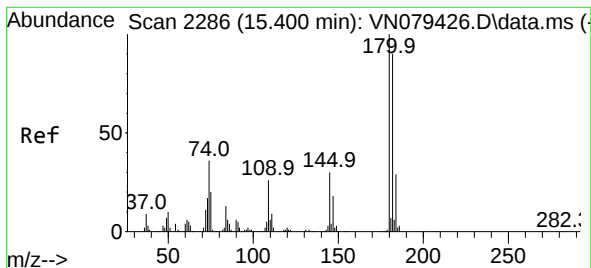
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.122 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079742.D
Acq: 31 Oct 2023 14:22

Tgt Ion: 75 Resp: 15450
Ion Ratio Lower Upper
75 100
155 72.1 39.1 117.2
157 92.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.954 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

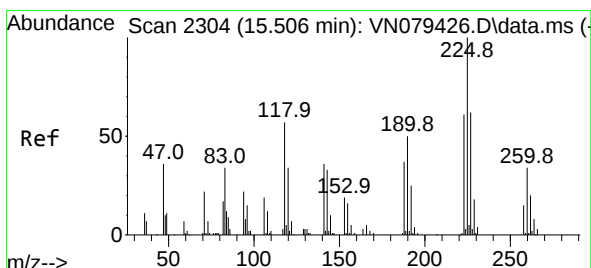
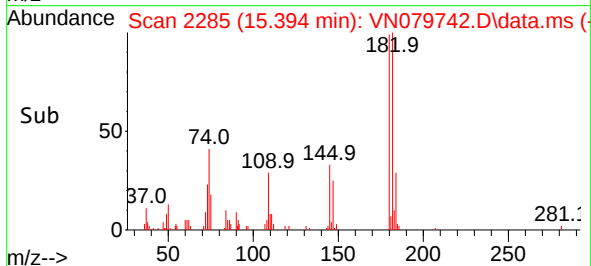
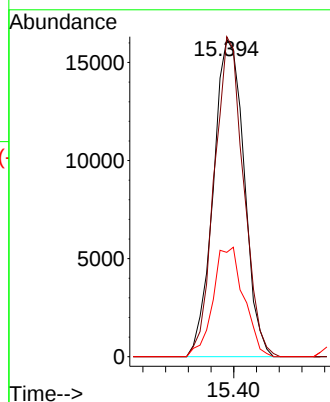
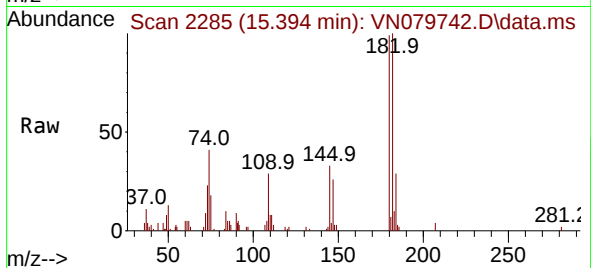
Tgt Ion:	180	Resp:	3041
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.1	138.2
145	34.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#94

Hexachlorobutadiene

Concen: 17.259 ug/l

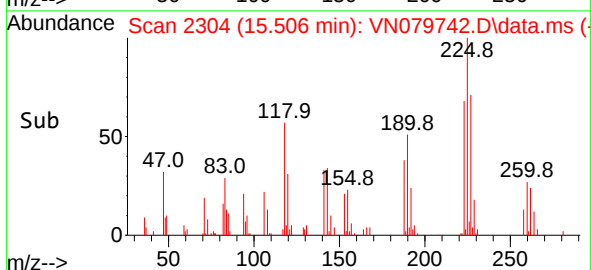
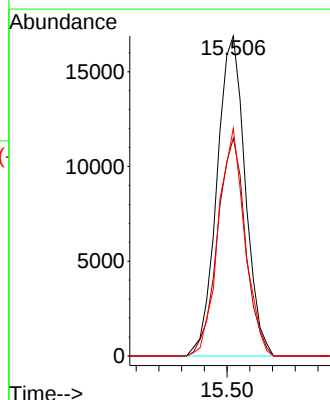
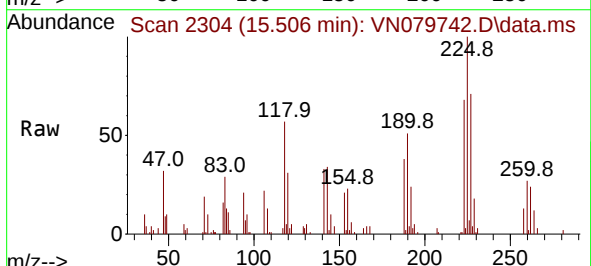
RT: 15.506 min Scan# 2304

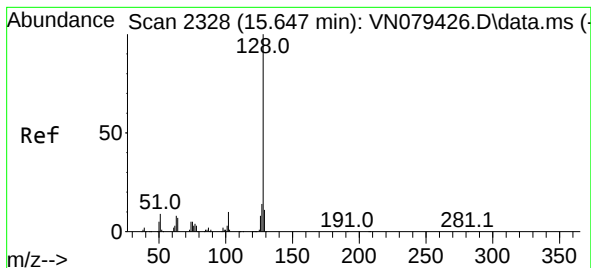
Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Tgt Ion:	225	Resp:	29191
Ion Ratio	Lower	Upper	
225	100		
223	67.5	31.3	93.8
227	66.6	31.9	95.9





#95

Naphthalene

Concen: 15.697 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion:128 Resp: 8686

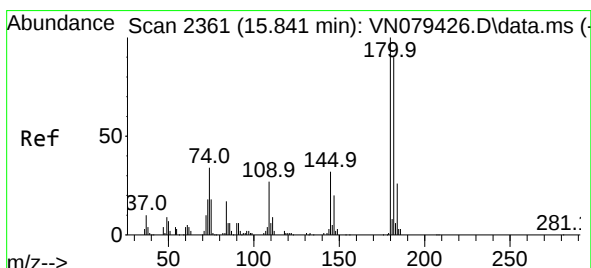
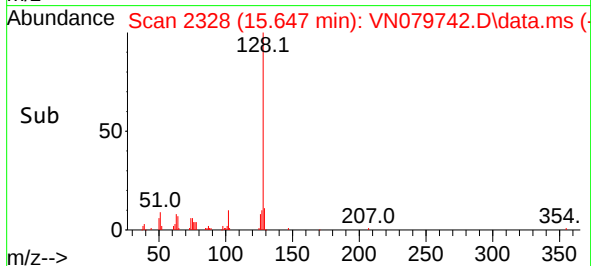
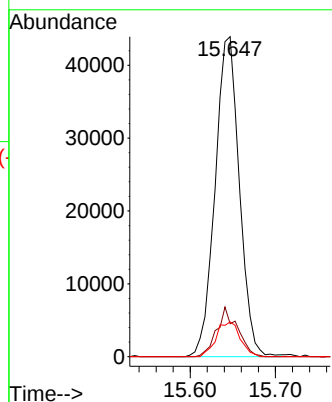
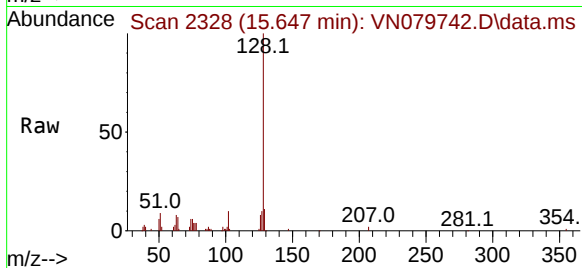
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.446 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079742.D

Acq: 31 Oct 2023 14:22

Tgt Ion:180 Resp: 35008

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.2	138.6
145	35.5	17.5	52.6

