

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079740.D
 Acq On : 31 Oct 2023 13:34
 Operator : JC\MD
 Sample : VN1031MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS02

Manual Integrations
 APPROVED

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

Quant Time: Nov 01 01:18:28 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	253006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	445277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	402180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	220788	54.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.680%			
35) Dibromofluoromethane	8.171	113	169852	53.383	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.760%			
50) Toluene-d8	10.571	98	644792	54.362	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.720%			
62) 4-Bromofluorobenzene	12.853	95	196032	52.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	66180	19.815	ug/l	97
3) Chloromethane	2.365	50	76484	18.903	ug/l	97
4) Vinyl Chloride	2.518	62	79963	18.351	ug/l	98
5) Bromomethane	2.959	94	59348	20.749	ug/l	97
6) Chloroethane	3.124	64	66104	20.708	ug/l	96
7) Trichlorofluoromethane	3.501	101	100197	19.554	ug/l	100
8) Diethyl Ether	3.959	74	36290	19.570	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	58975	19.872	ug/l	98
10) Methyl Iodide	4.601	142	64017	21.432	ug/l	95
11) Tert butyl alcohol	5.524	59	48684	90.339	ug/l	99
12) 1,1-Dichloroethene	4.348	96	52207	18.781	ug/l	84
13) Acrolein	4.183	56	54734	100.967	ug/l	95
14) Allyl chloride	5.030	41	92414	19.824	ug/l #	88
15) Acrylonitrile	5.724	53	165234	99.642	ug/l	99
16) Acetone	4.430	43	149338	85.911	ug/l	92
17) Carbon Disulfide	4.712	76	153026	18.027	ug/l	98
18) Methyl Acetate	5.024	43	138919	19.809	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	185535	19.726	ug/l #	90
20) Methylene Chloride	5.283	84	69672	20.241	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	60381	19.137	ug/l	86
22) Diisopropyl ether	6.677	45	212740	20.299	ug/l #	91
23) Vinyl Acetate	6.606	43	560840	97.198	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	125367	19.962	ug/l	99
25) 2-Butanone	7.489	43	212006	88.790	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	94974	18.689	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	72575	19.977	ug/l	87
28) Bromochloromethane	7.818	49	69148	22.511	ug/l #	72
29) Tetrahydrofuran	7.847	42	140982	96.648	ug/l #	75
30) Chloroform	7.971	83	125764	19.887	ug/l	91
31) Cyclohexane	8.265	56	102654	18.519	ug/l	83
32) 1,1,1-Trichloroethane	8.171	97	105684	19.278	ug/l	96
36) 1,1-Dichloropropene	8.377	75	90053	19.078	ug/l	95
37) Ethyl Acetate	7.559	43	93128	19.905	ug/l #	90
38) Carbon Tetrachloride	8.365	117	90975	19.327	ug/l	98
39) Methylcyclohexane	9.606	83	83638	17.814	ug/l #	86
40) Benzene	8.612	78	274810	19.726	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	47631	19.520	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	102803	20.318	ug/l	98
43) Isopropyl Acetate	8.694	43	143303	19.159	ug/l #	91
44) Trichloroethene	9.359	130	64771	19.194	ug/l	93
45) 1,2-Dichloropropane	9.624	63	74171	20.046	ug/l	96
46) Dibromomethane	9.712	93	49155	19.697	ug/l	94
47) Bromodichloromethane	9.894	83	101947	20.364	ug/l	99
48) Methyl methacrylate	9.683	41	66146	19.075	ug/l #	81
49) 1,4-Dioxane	9.700	88	22927	375.720	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	451104	96.930	ug/l	89
52) Toluene	10.635	92	165871	19.503	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	98012	19.388	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	108602	19.636	ug/l #	87
55) 1,1,2-Trichloroethane	11.024	97	69162	20.563	ug/l	98
56) Ethyl methacrylate	10.877	69	91022	19.162	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	121169	20.585	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	163790	93.593	ug/l	89
59) 2-Hexanone	11.200	43	318635	93.115	ug/l	86
60) Dibromochloromethane	11.365	129	71049	20.414	ug/l	98
61) 1,2-Dibromoethane	11.471	107	64286	19.184	ug/l	100
64) Tetrachloroethene	11.106	164	58714	20.579	ug/l	96
65) Chlorobenzene	11.894	112	172882	19.421	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	65541	19.815	ug/l	98
67) Ethyl Benzene	11.965	91	295851	18.865	ug/l	98
68) m/p-Xylenes	12.077	106	225714	38.914	ug/l	94
69) o-Xylene	12.400	106	107445	19.264	ug/l	96
70) Styrene	12.418	104	172303	19.285	ug/l	97
71) Bromoform	12.582	173	46157	19.483	ug/l #	100
73) Isopropylbenzene	12.700	105	266725	18.206	ug/l	100
74) N-amyl acetate	12.500	43	103203	17.711	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	97278	18.756	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	87359m	19.891	ug/l	
77) Bromobenzene	12.982	156	64079	18.599	ug/l	91
78) n-propylbenzene	13.041	91	317174	18.794	ug/l	96
79) 2-Chlorotoluene	13.129	91	193100	18.356	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	226162	18.938	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27491	18.881	ug/l #	82
82) 4-Chlorotoluene	13.224	91	193806	19.180	ug/l	98
83) tert-Butylbenzene	13.441	119	176575	18.042	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	220800	19.165	ug/l	99
85) sec-Butylbenzene	13.618	105	255511	18.717	ug/l	100
86) p-Isopropyltoluene	13.735	119	204108	18.772	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	111626	19.152	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	106220	18.294	ug/l	98
89) n-Butylbenzene	14.059	91	154104	17.839	ug/l	97
90) Hexachloroethane	14.335	117	41527	18.076	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	106196	18.733	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13620	17.027	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	26835	15.881	ug/l	99
94) Hexachlorobutadiene	15.506	225	26669	17.788	ug/l	98
95) Naphthalene	15.647	128	67525	13.765	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	30435	16.129	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

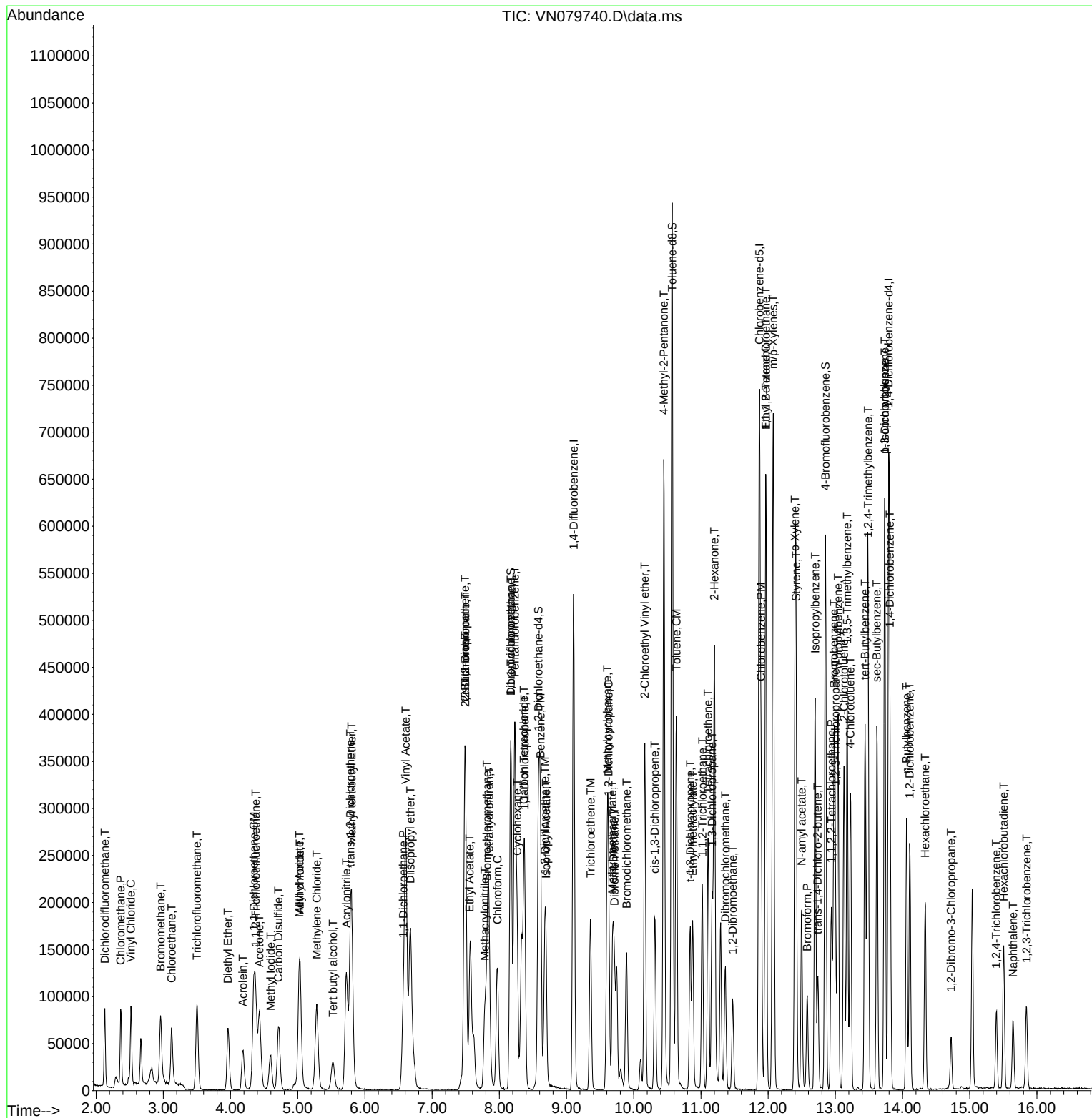
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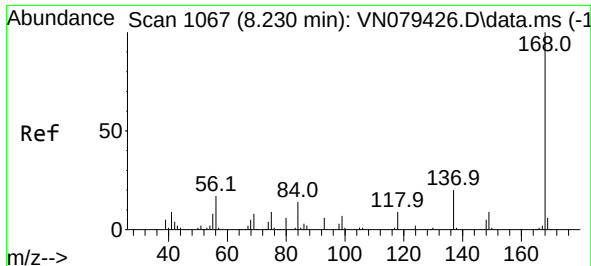
Instrument :
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VN1031MBS02

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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: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

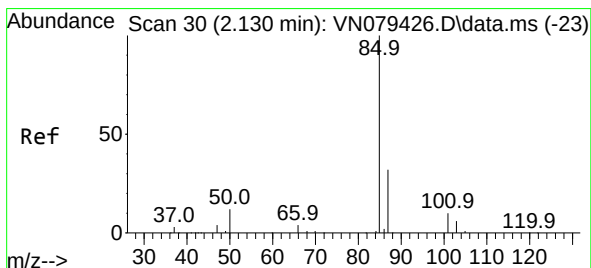
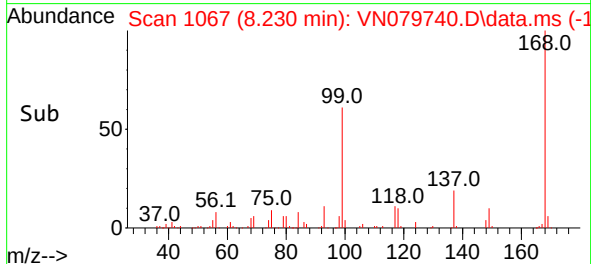
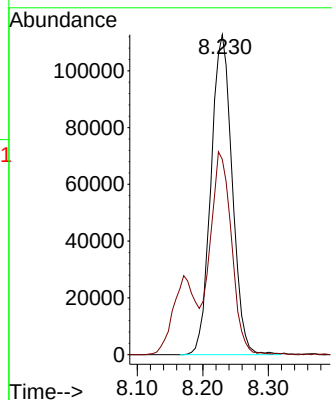
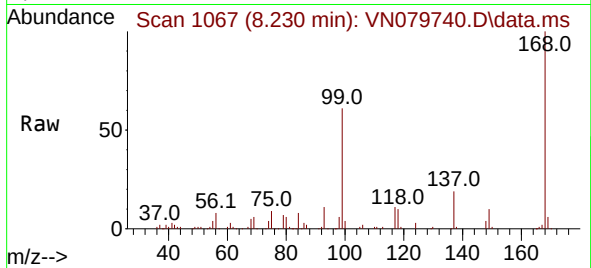
VN1031MBS02

Tgt Ion:168 Resp: 253000
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6

Manual Integrations

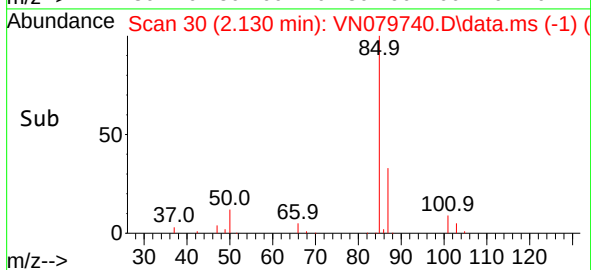
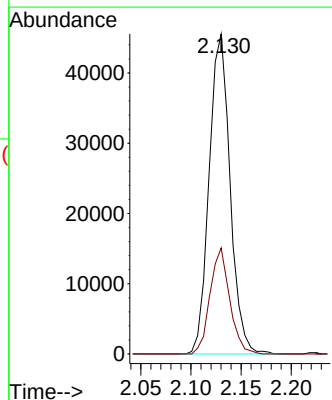
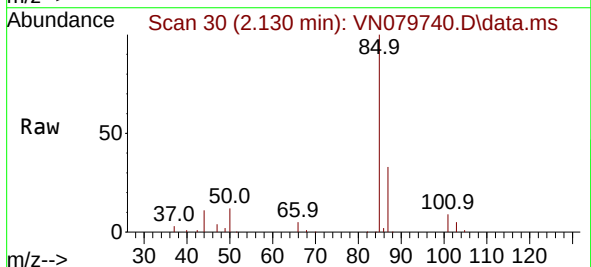
APPROVED

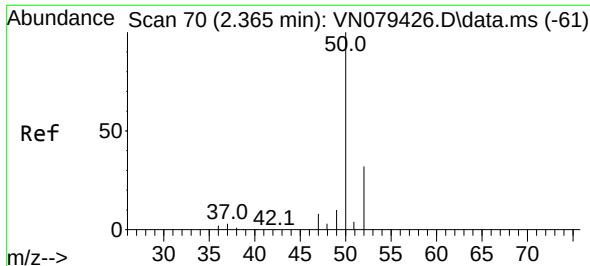
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#2
Dichlorodifluoromethane
Concen: 19.815 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion: 85 Resp: 66180
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





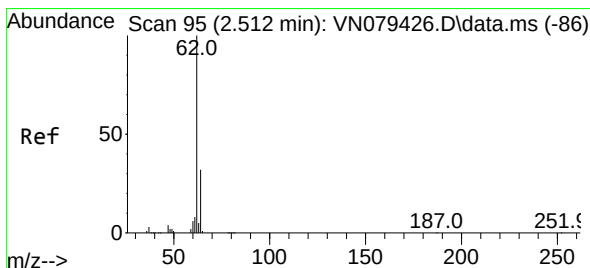
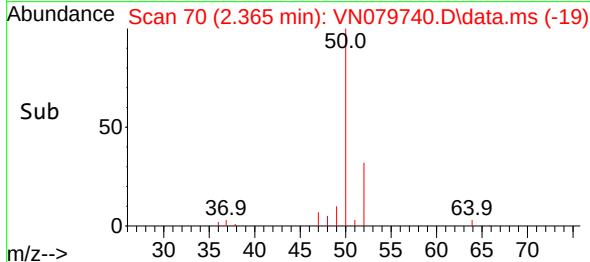
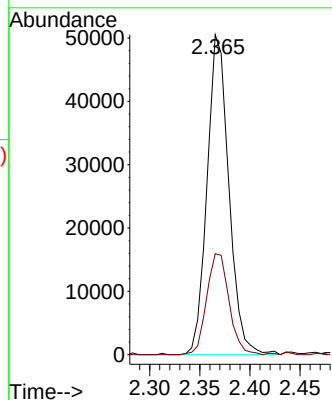
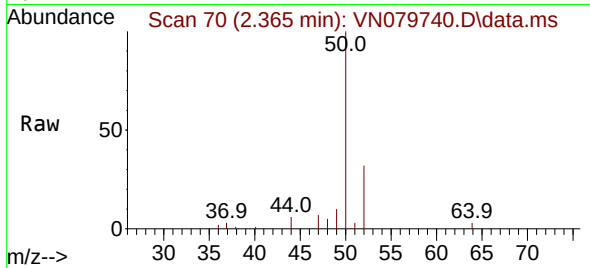
#3
Chloromethane
Concen: 18.903 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion: 50 Resp: 76484
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7

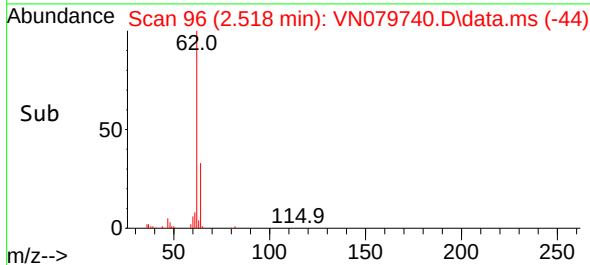
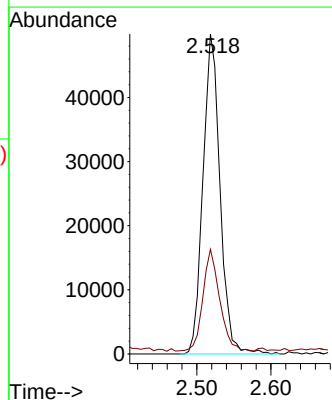
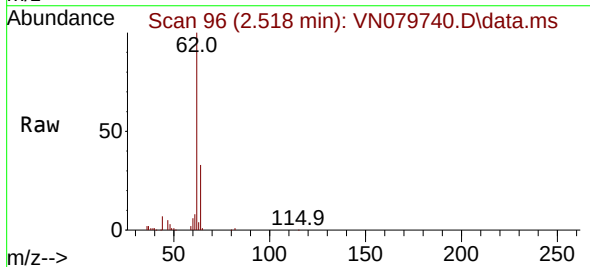
Manual Integrations
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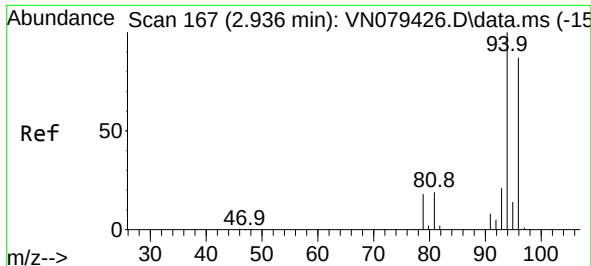
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#4
Vinyl Chloride
Concen: 18.351 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

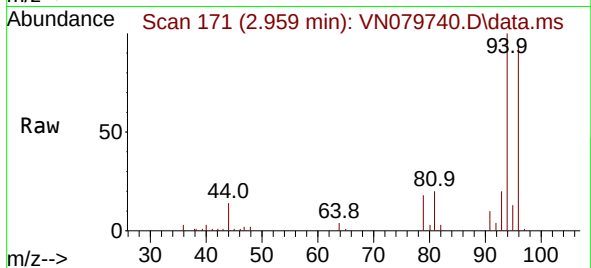
Tgt Ion: 62 Resp: 79963
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 20.749 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

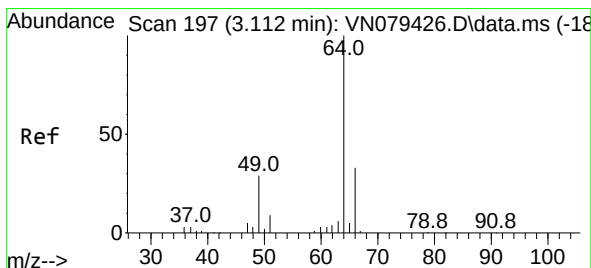
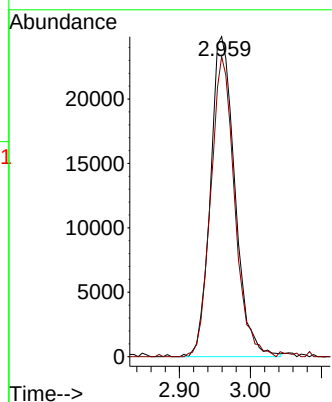
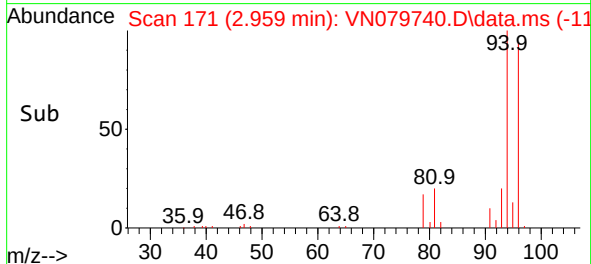
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 5934
Ion Ratio Lower Upper
94 100
96 93.8 73.1 109.7

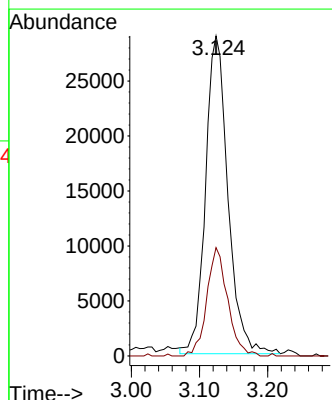
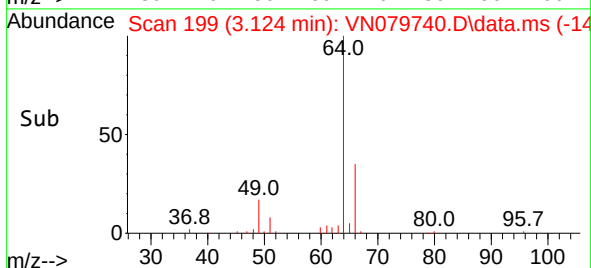
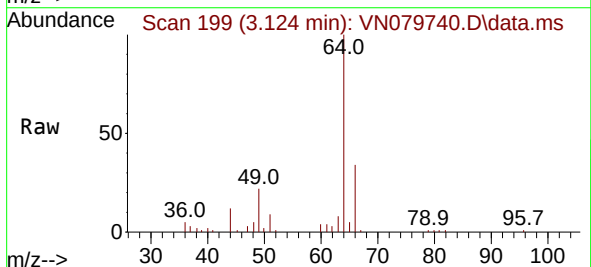
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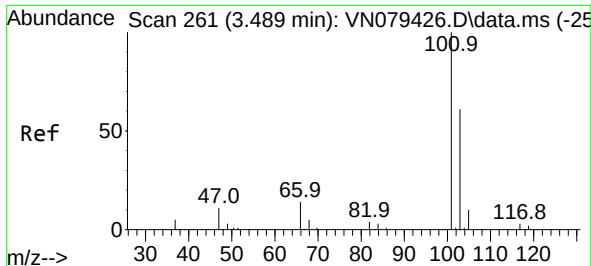
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#6
Chloroethane
Concen: 20.708 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion: 64 Resp: 66104
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.2





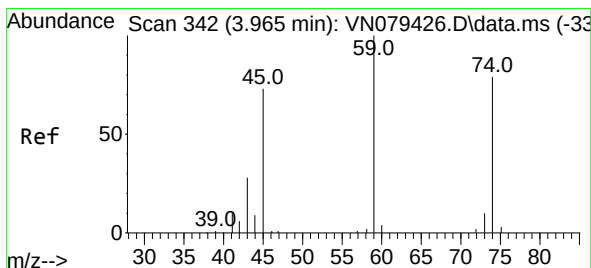
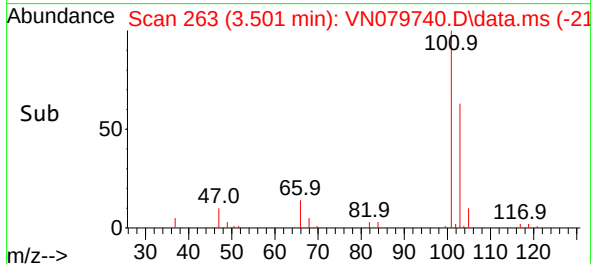
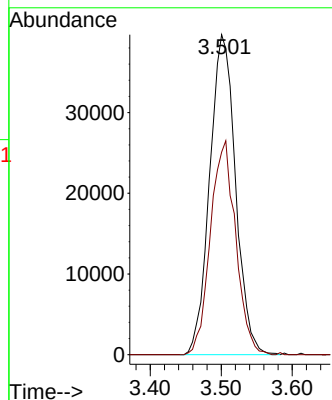
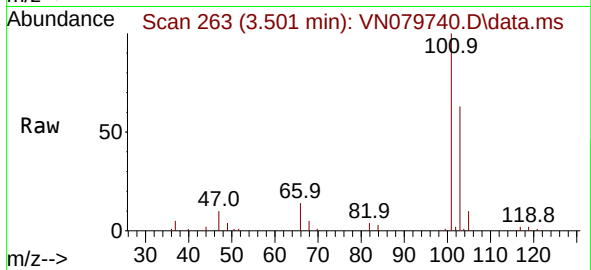
#7
Trichlorofluoromethane
Concen: 19.554 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.012 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion:101 Resp: 10019
Ion Ratio Lower Upper
101 100
103 63.3 50.7 76.1

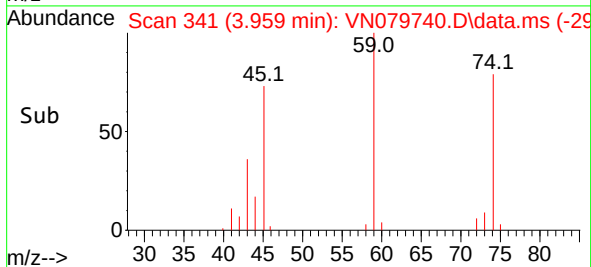
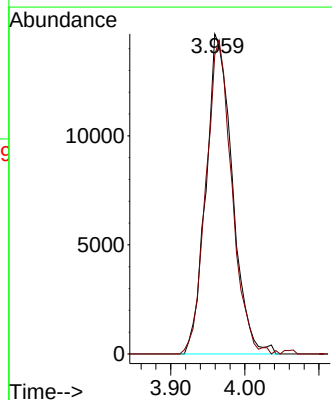
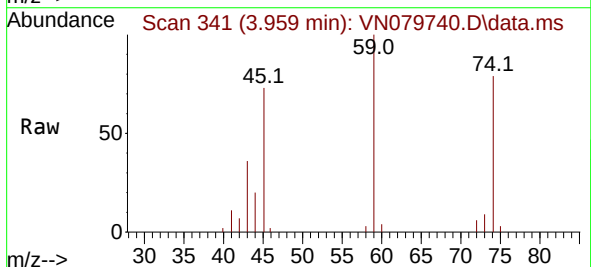
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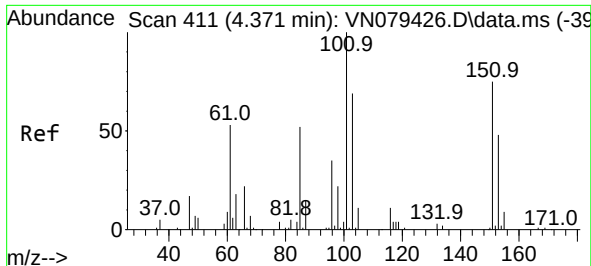
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#8
Diethyl Ether
Concen: 19.570 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion: 74 Resp: 36290
Ion Ratio Lower Upper
74 100
45 96.5 34.4 103.3





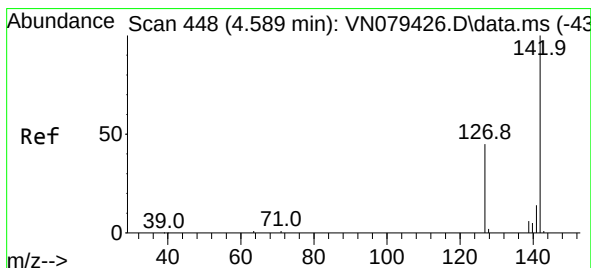
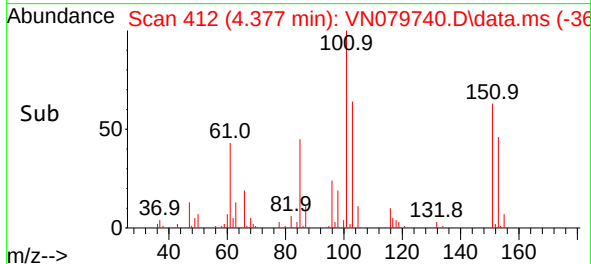
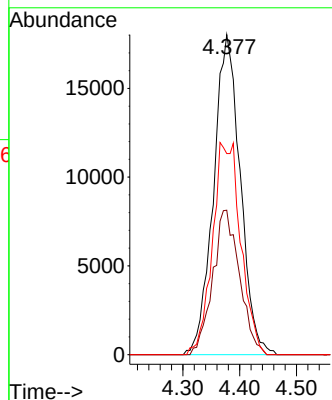
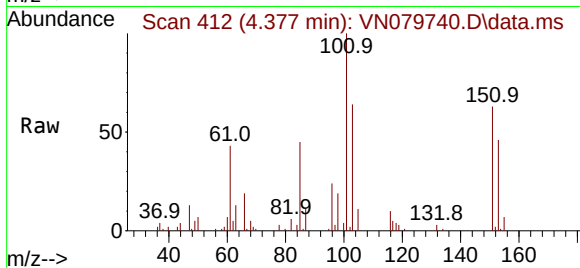
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.872 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion:101 Resp: 5897
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 69.8 57.6 86.4

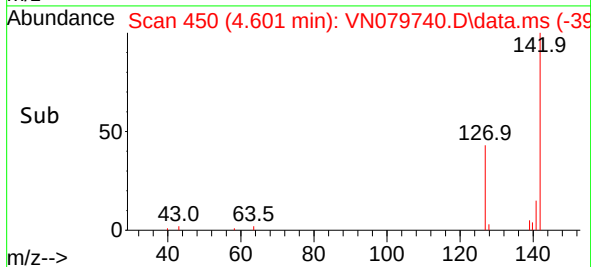
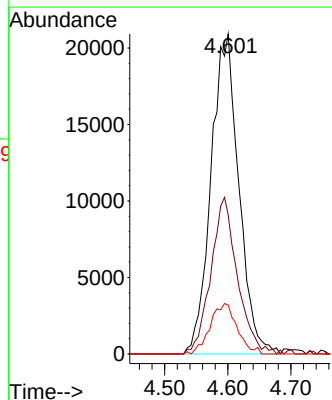
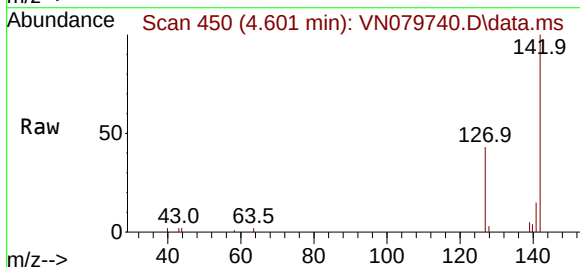
Manual Integrations
APPROVED

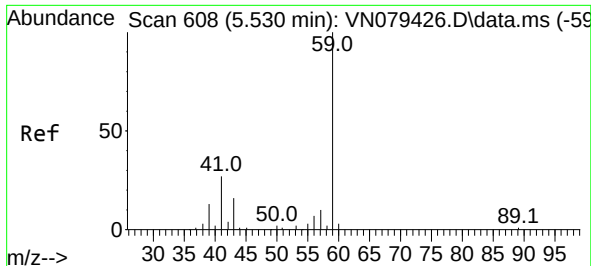
Reviewed By :John Carbone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#10
Methyl Iodide
Concen: 21.432 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

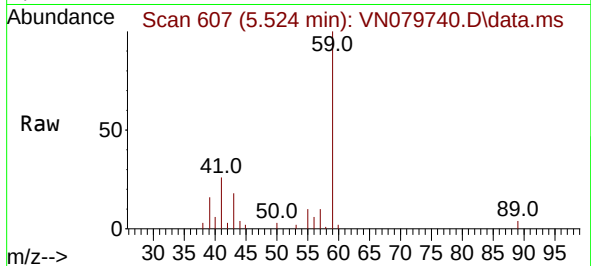
Tgt Ion:142 Resp: 64017
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 90.339 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

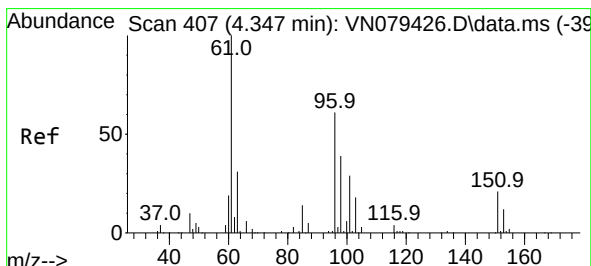
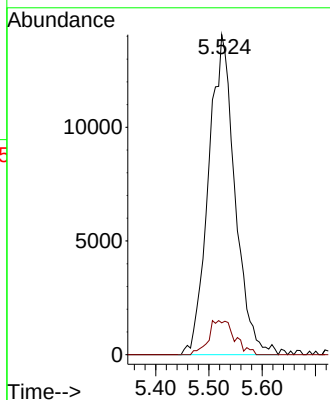
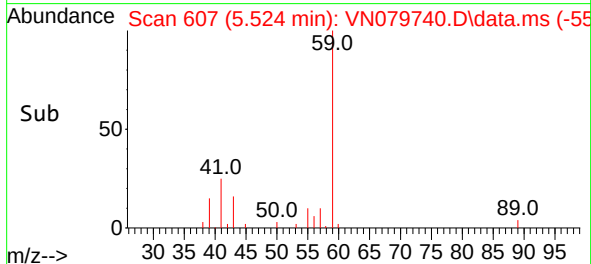
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



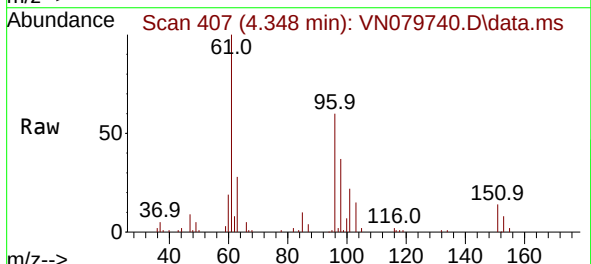
Tgt Ion: 59 Resp: 48684
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

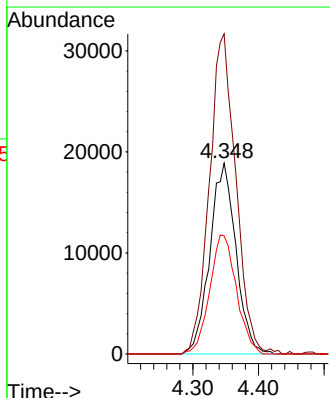
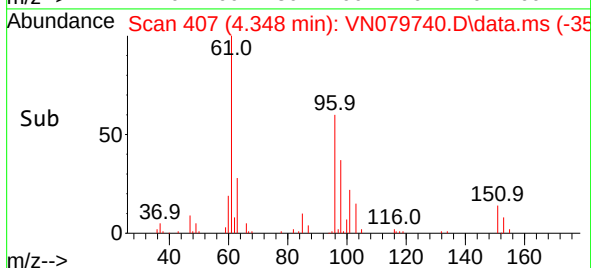
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

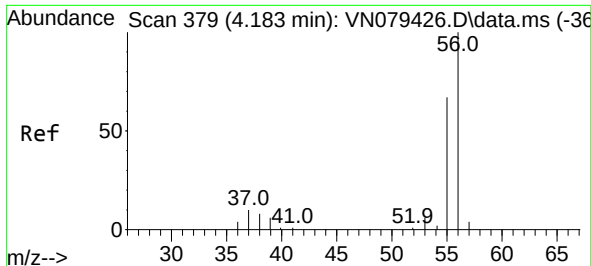


#12
1,1-Dichloroethene
Concen: 18.781 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



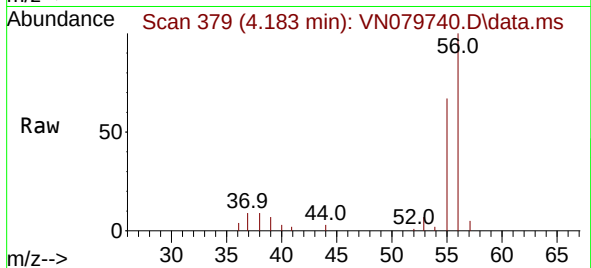
Tgt Ion: 96 Resp: 52207
Ion Ratio Lower Upper
96 100
61 167.7 112.7 169.1
98 61.9 51.2 76.8





#13
Acrolein
Concen: 100.967 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

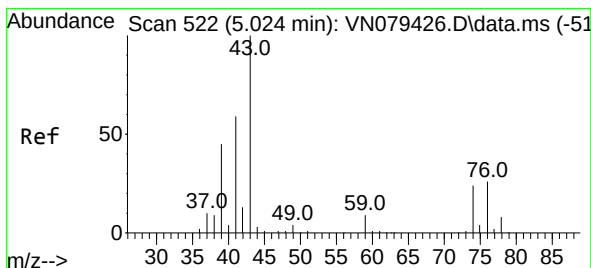
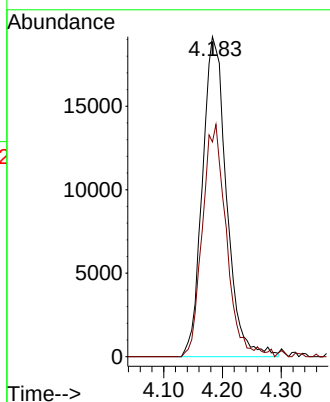
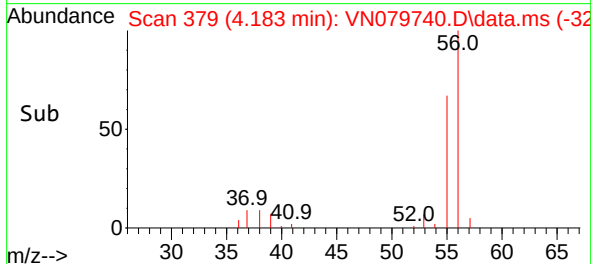
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



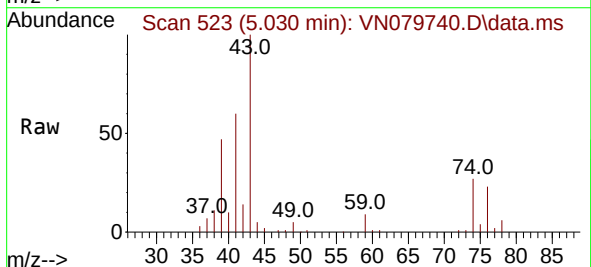
Tgt Ion: 56 Resp: 54734
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

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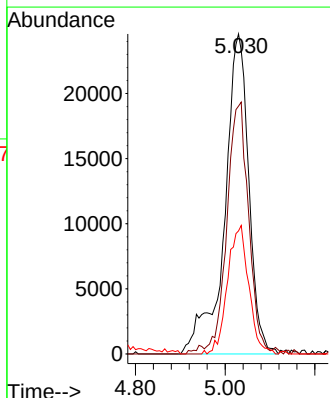
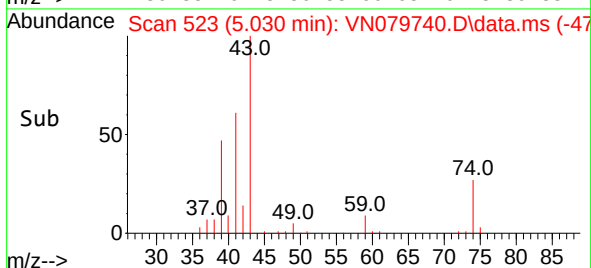
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

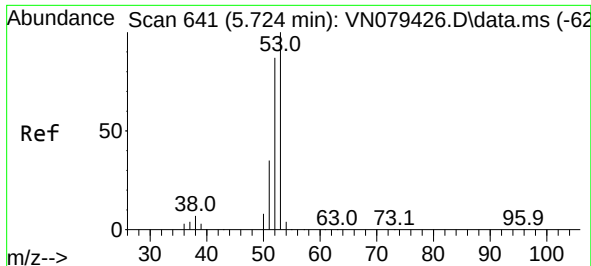


#14
Allyl chloride
Concen: 19.824 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



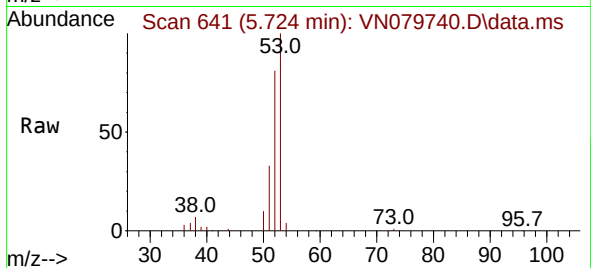
Tgt Ion: 41 Resp: 92414
Ion Ratio Lower Upper
41 100
39 68.5 58.8 88.2
76 35.1 39.1 58.7#





#15
Acrylonitrile
Concen: 99.642 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

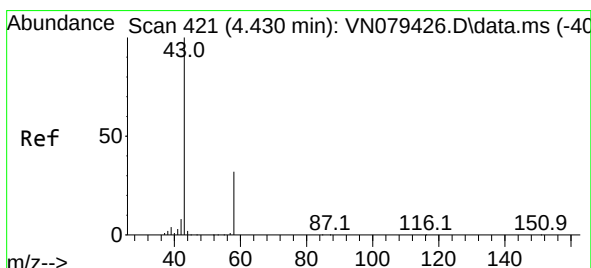
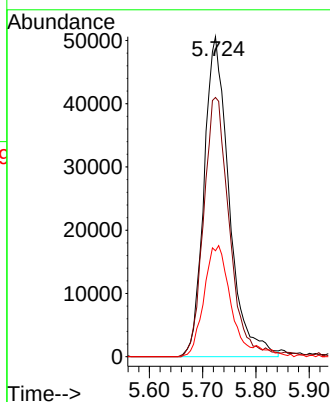
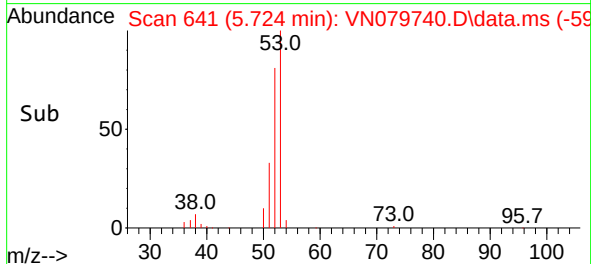
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



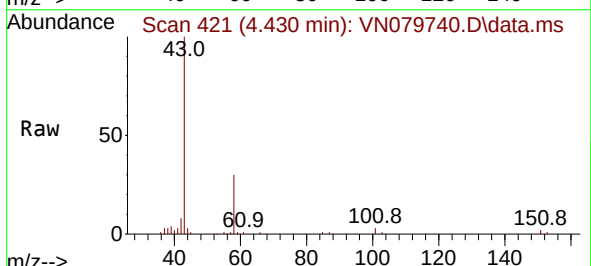
Tgt Ion: 53 Resp: 165234
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
APPROVED

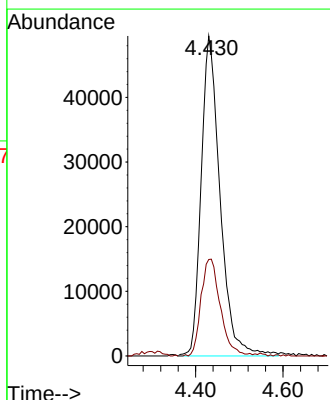
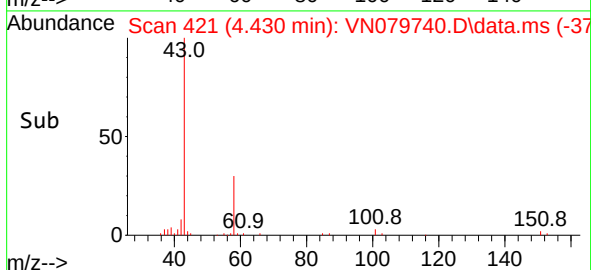
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

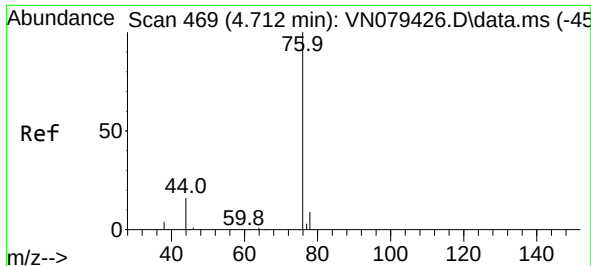


#16
Acetone
Concen: 85.911 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



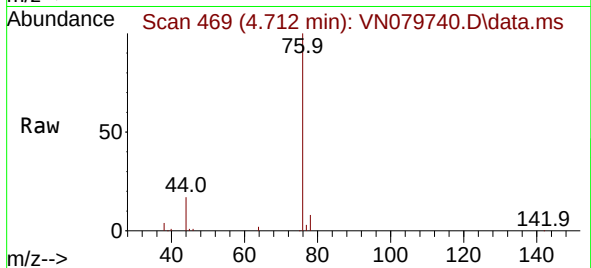
Tgt Ion: 43 Resp: 149338
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0





#17
Carbon Disulfide
Concen: 18.027 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

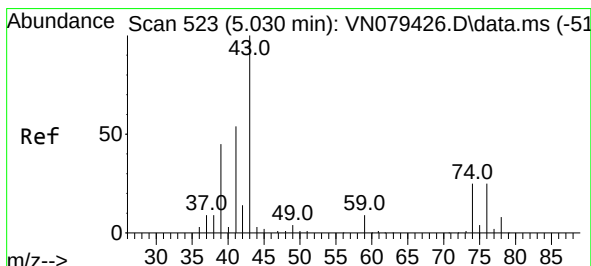
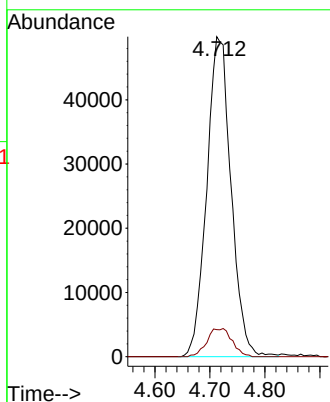
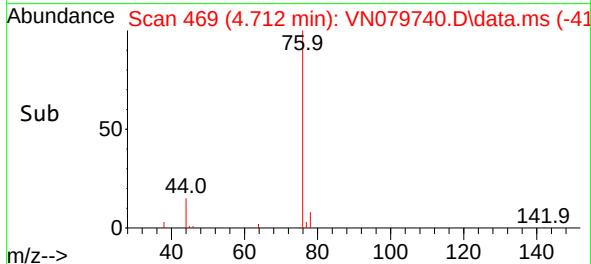
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



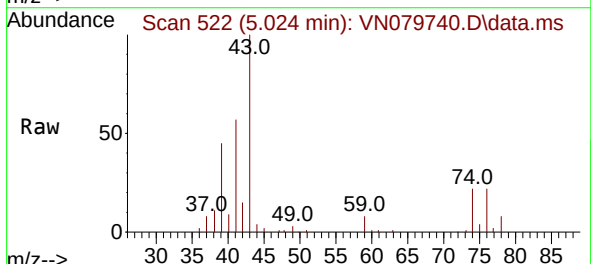
Tgt Ion: 76 Resp: 153020
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

Manual Integrations
APPROVED

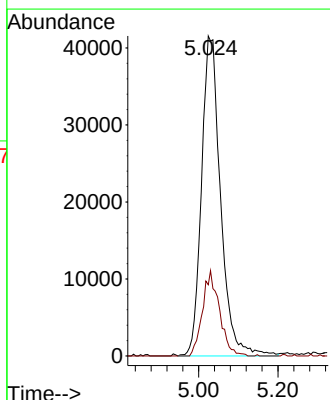
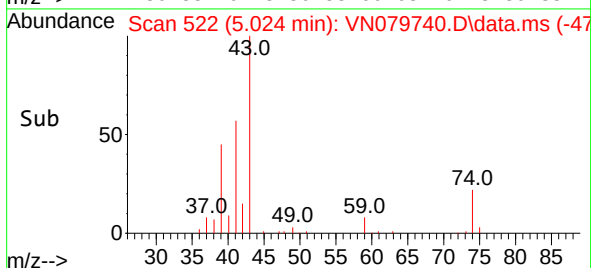
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

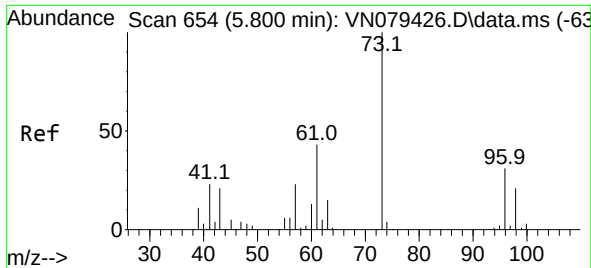


#18
Methyl Acetate
Concen: 19.809 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion: 43 Resp: 138919
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#





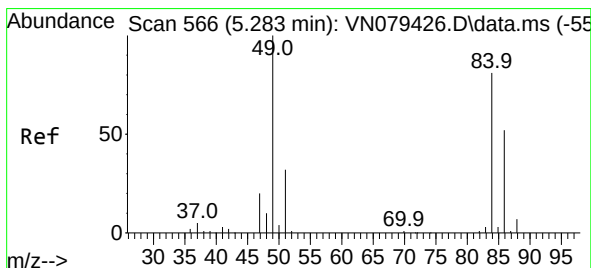
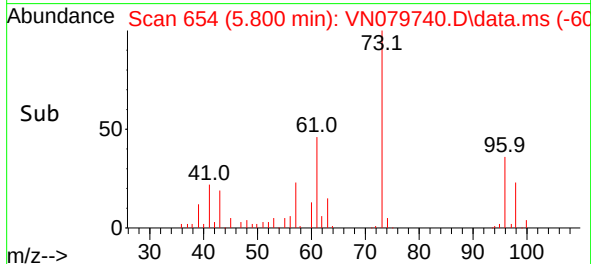
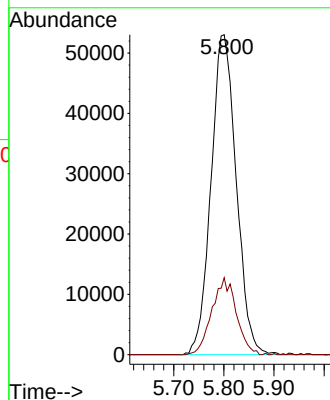
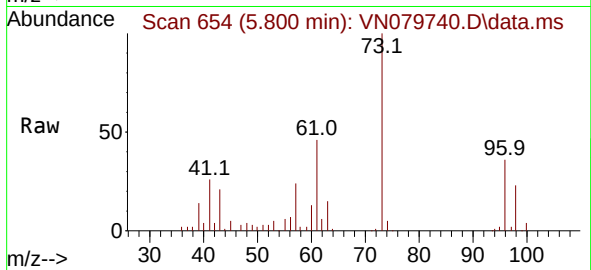
#19
Methyl tert-butyl Ether
Concen: 19.726 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion: 73 Resp: 18553
Ion Ratio Lower Upper
73 100
57 24.1 15.6 23.4

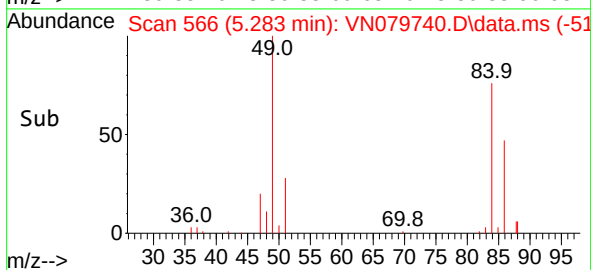
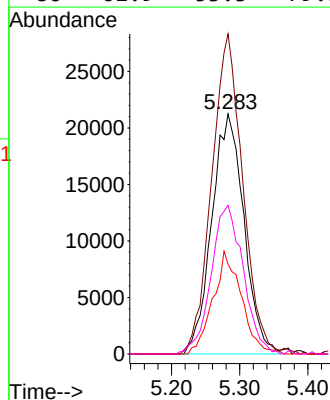
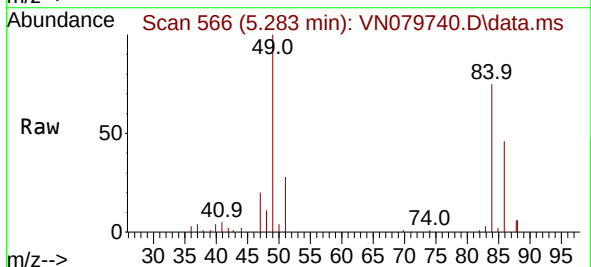
Manual Integrations
APPROVED

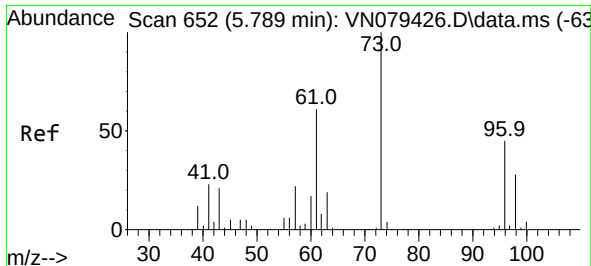
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#20
Methylene Chloride
Concen: 20.241 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

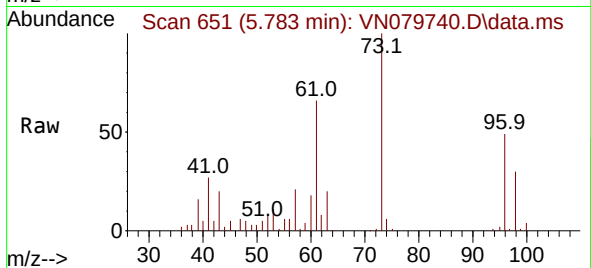
Tgt Ion: 84 Resp: 69672
Ion Ratio Lower Upper
84 100
49 133.3 79.7 119.5#
51 37.4 25.2 37.8
86 61.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.137 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

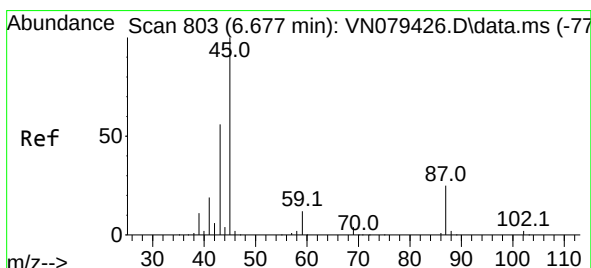
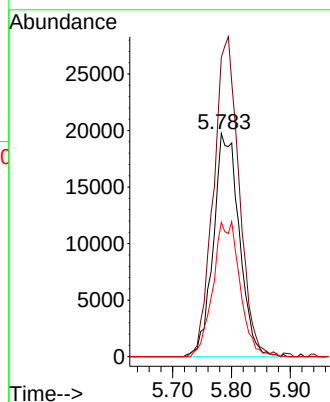
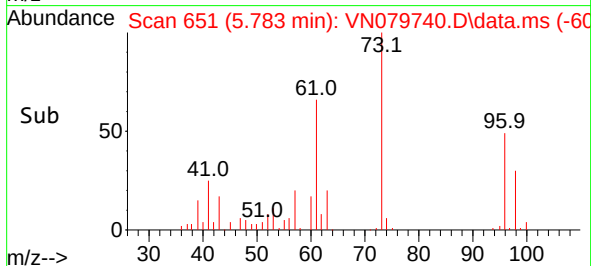
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



Tgt Ion: 96 Resp: 6038
Ion Ratio Lower Upper
96 100
61 134.1 90.1 135.1
98 60.3 46.4 69.6

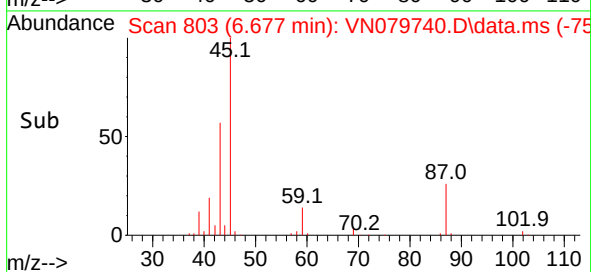
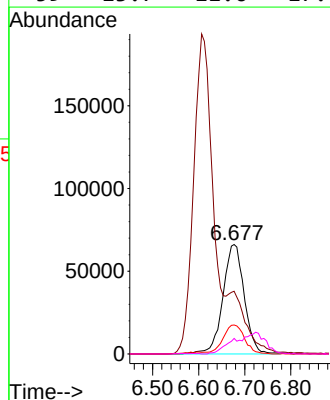
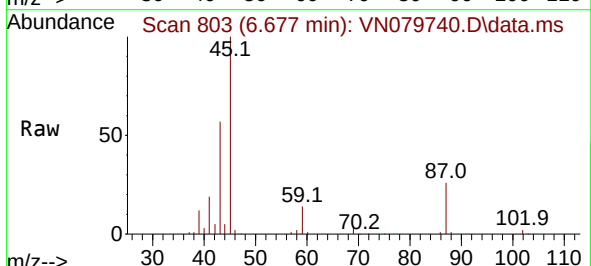
Manual Integrations
APPROVED

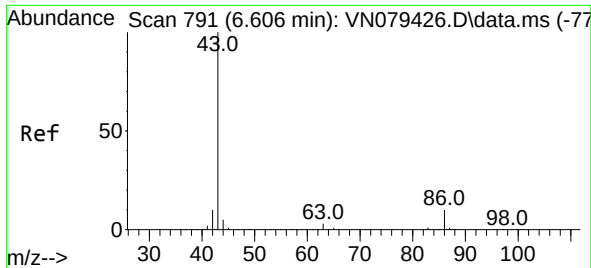
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#22
Diisopropyl ether
Concen: 20.299 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion: 45 Resp: 212740
Ion Ratio Lower Upper
45 100
43 55.6 45.5 68.3
87 26.4 31.8 47.8#
59 13.7 11.6 17.4





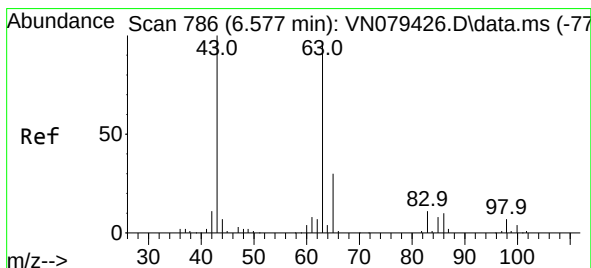
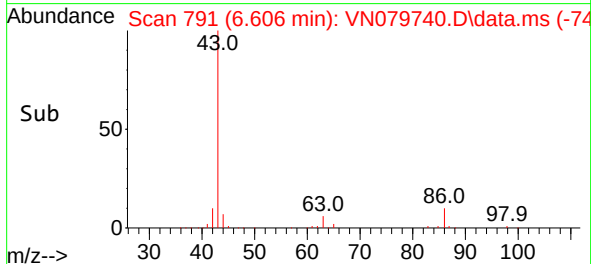
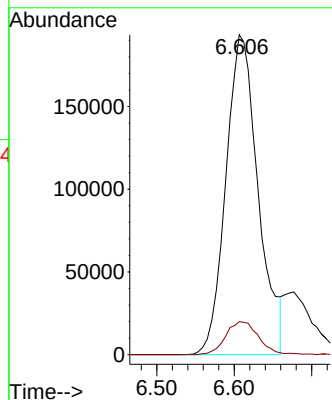
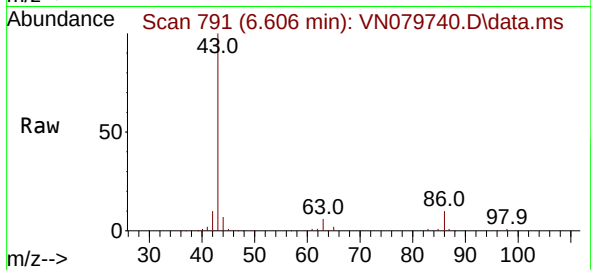
#23
 Vinyl Acetate
 Concen: 97.198 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079740.D
 Acq: 31 Oct 2023 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS02

Tgt Ion: 43 Resp: 560840
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6

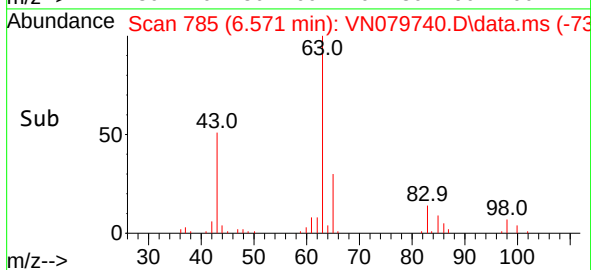
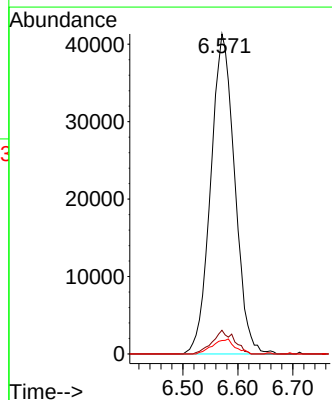
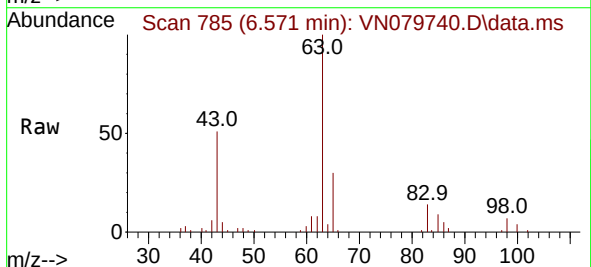
Manual Integrations
 APPROVED

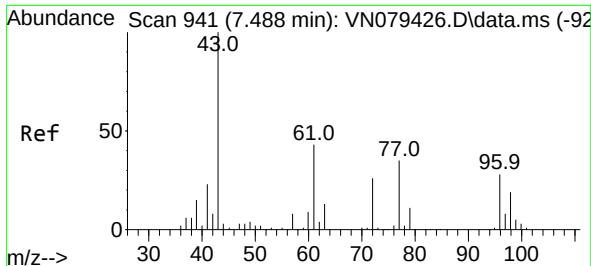
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#24
 1,1-Dichloroethane
 Concen: 19.962 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079740.D
 Acq: 31 Oct 2023 13:34

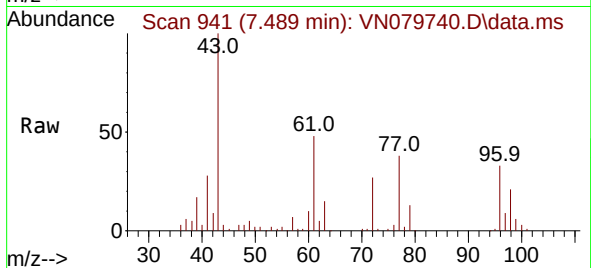
Tgt Ion: 63 Resp: 125367
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 88.790 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

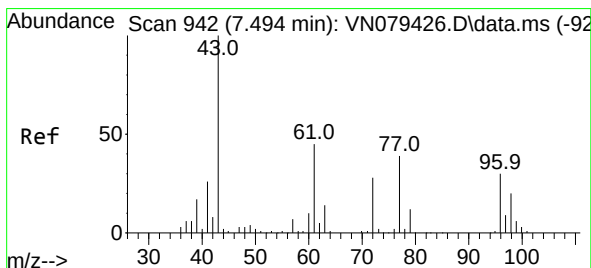
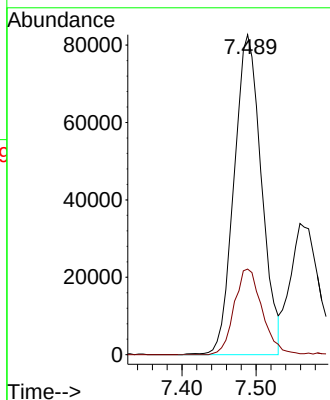
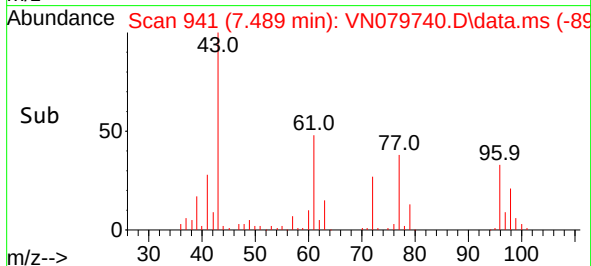
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



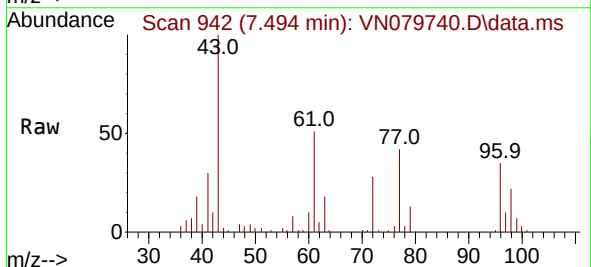
Tgt Ion: 43 Resp: 212000
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2

Manual Integrations
APPROVED

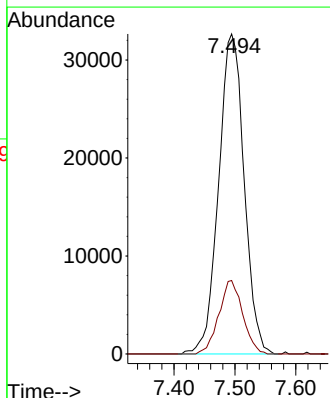
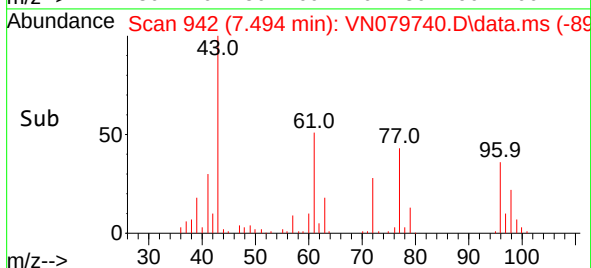
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

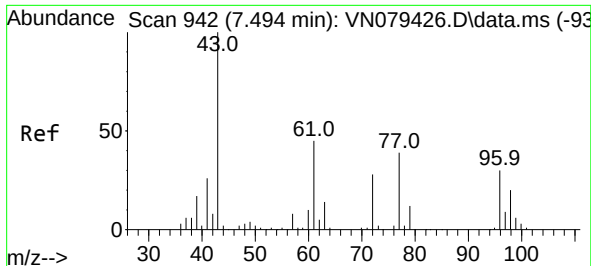


#26
2,2-Dichloropropane
Concen: 18.689 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



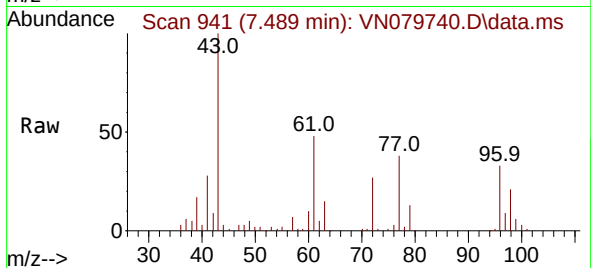
Tgt Ion: 77 Resp: 94974
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 19.977 ug/l
RT: 7.489 min Scan# 942
Delta R.T. -0.005 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

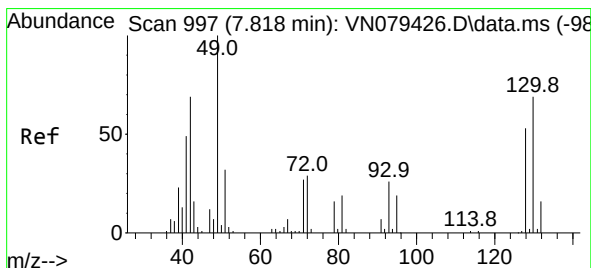
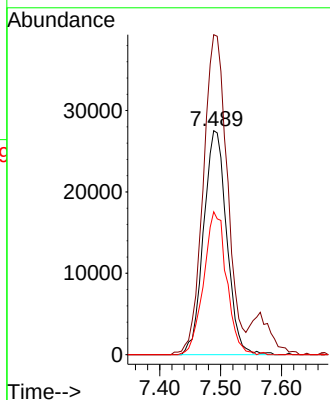
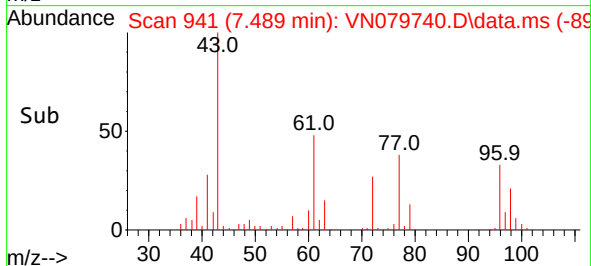
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



Tgt Ion: 96 Resp: 7257
Ion Ratio Lower Upper
96 100
61 149.2 0.0 255.2
98 63.3 0.0 128.8

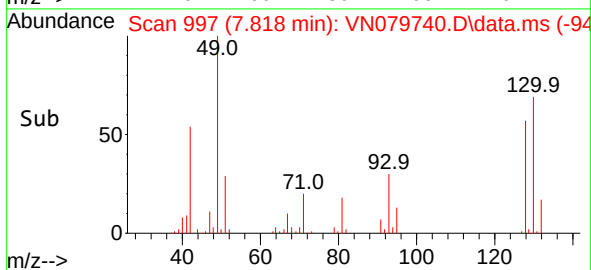
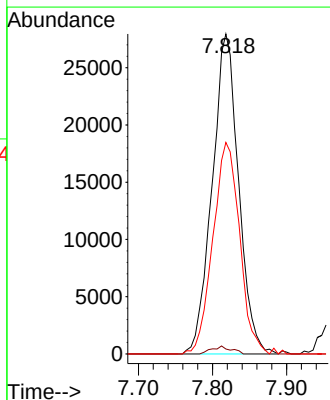
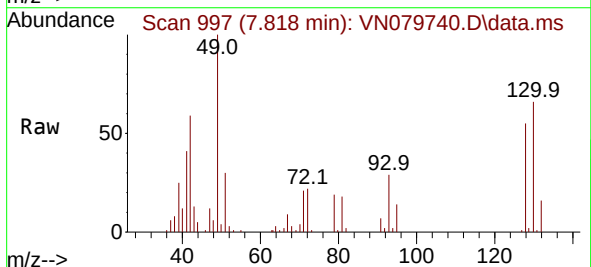
Manual Integrations
APPROVED

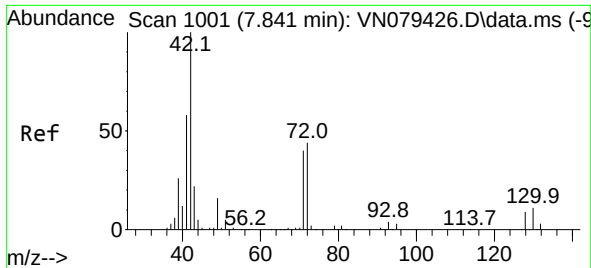
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#28
Bromochloromethane
Concen: 22.511 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

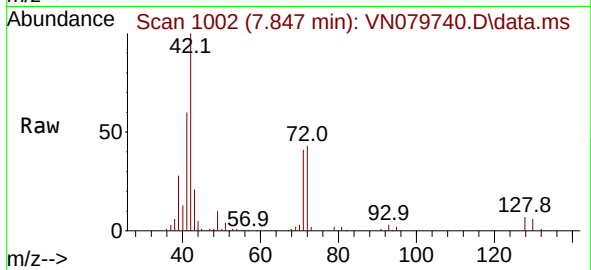
Tgt Ion: 49 Resp: 69148
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 66.8 75.3 112.9#





#29
Tetrahydrofuran
Concen: 96.648 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

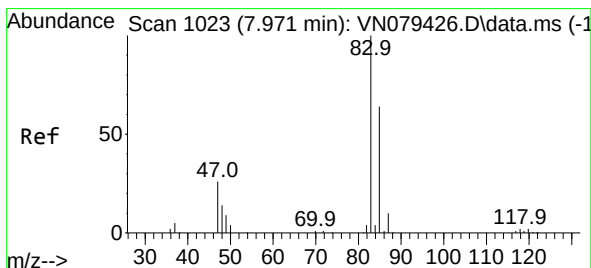
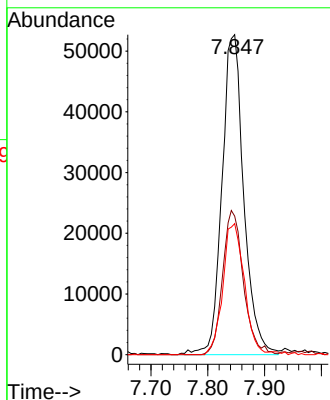
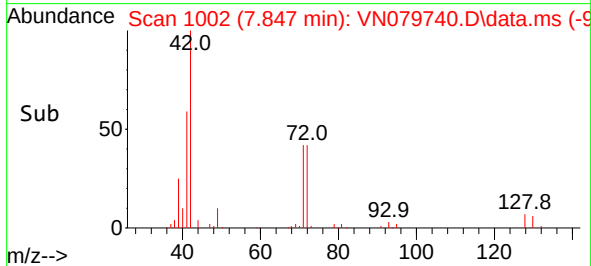
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



Tgt Ion: 42 Resp: 140982
Ion Ratio Lower Upper
42 100
72 42.9 49.8 74.6
71 40.1 47.4 71.2

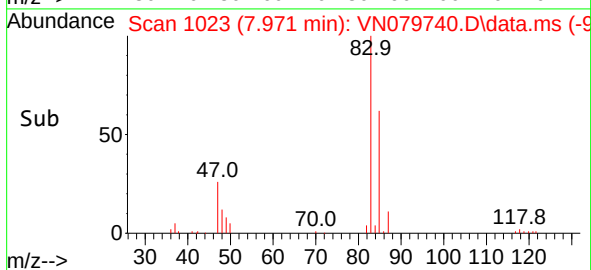
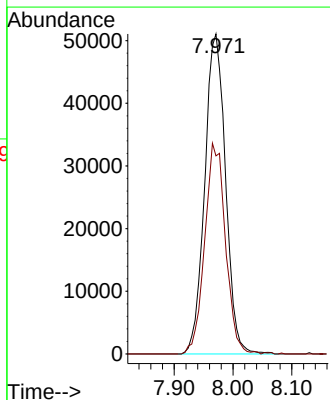
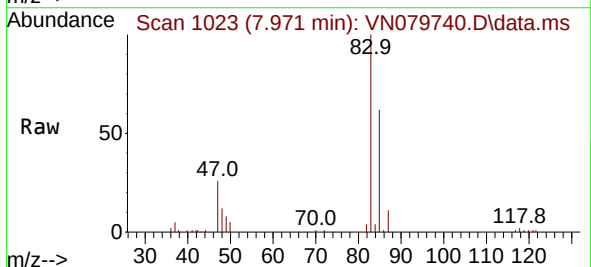
Manual Integrations
APPROVED

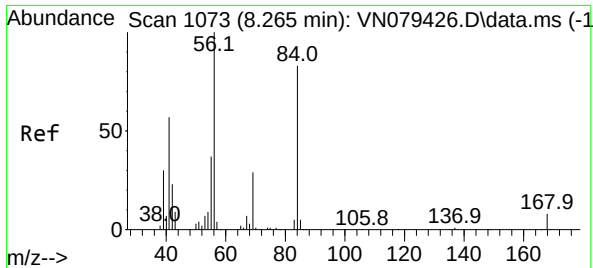
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#30
Chloroform
Concen: 19.887 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

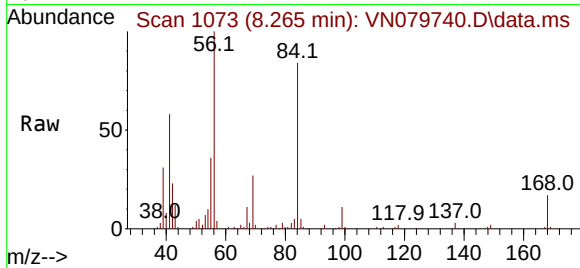
Tgt Ion: 83 Resp: 125764
Ion Ratio Lower Upper
83 100
85 61.9 55.4 83.0





#31
Cyclohexane
Concen: 18.519 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

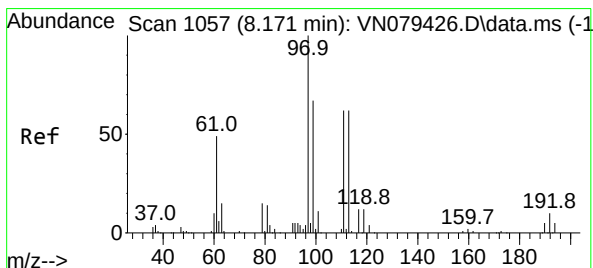
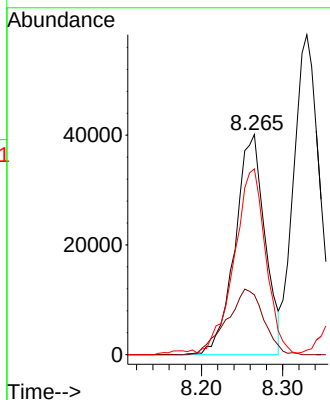
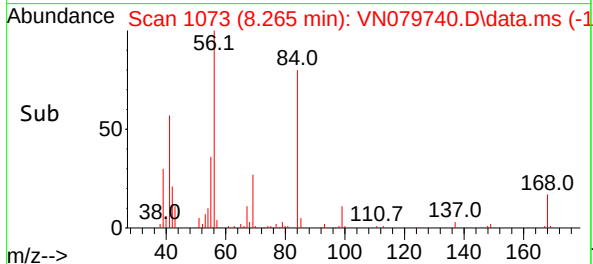
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



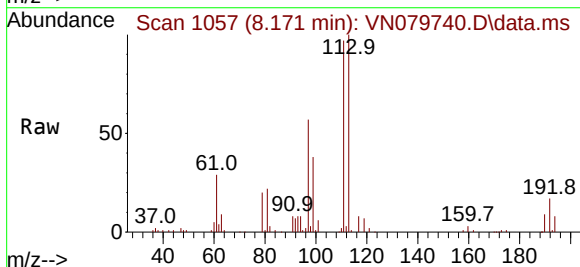
Tgt Ion: 56 Resp: 102654
Ion Ratio Lower Upper
56 100
69 27.2 26.8 40.2
84 82.7 81.8 122.6

Manual Integrations
APPROVED

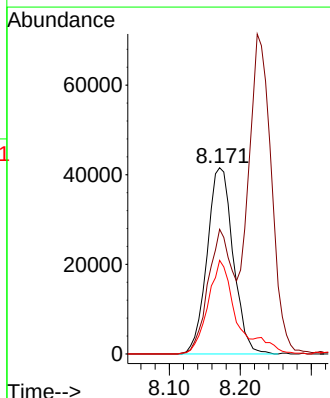
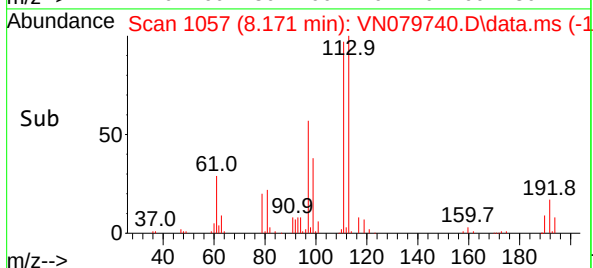
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

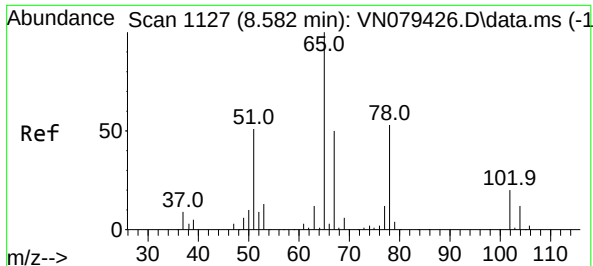


#32
1,1,1-Trichloroethane
Concen: 19.278 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion: 97 Resp: 105684
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 49.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.341 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

Tgt Ion: 65 Resp: 22078

Ion Ratio Lower Upper

65 100

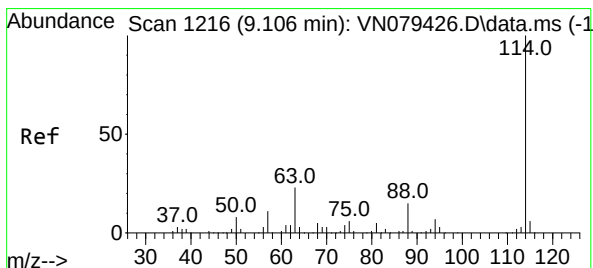
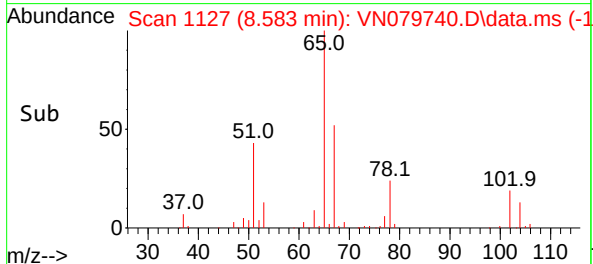
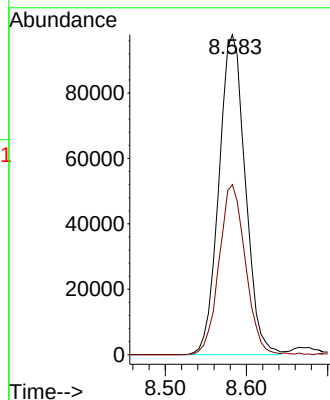
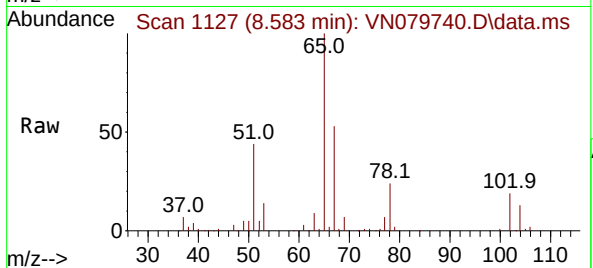
67 53.2 0.0 106.6

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: VN079740.D

Acq: 31 Oct 2023 13:34

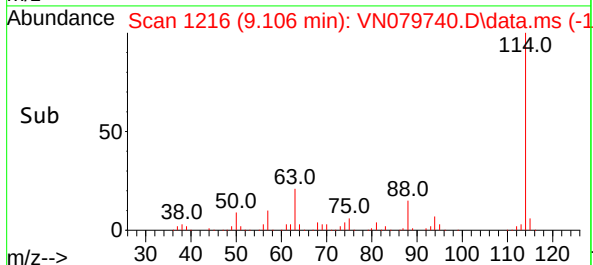
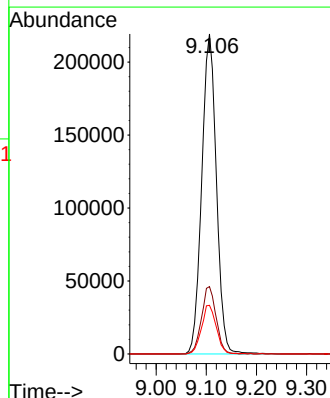
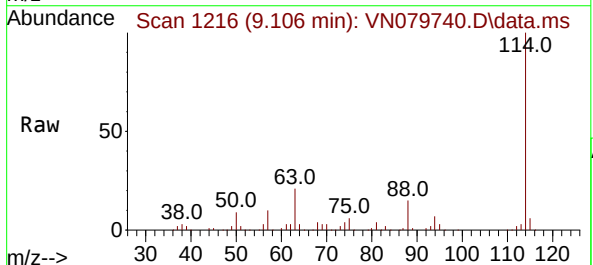
Tgt Ion:114 Resp: 445277

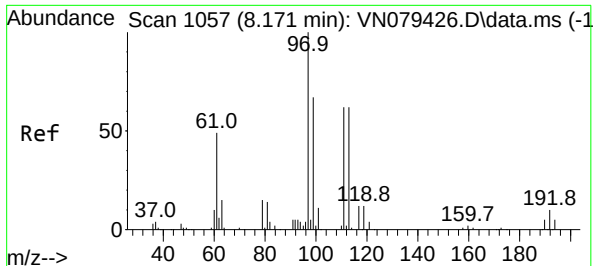
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.383 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

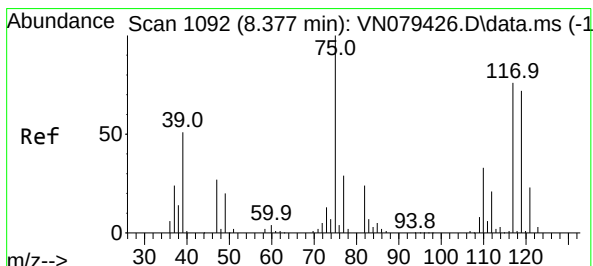
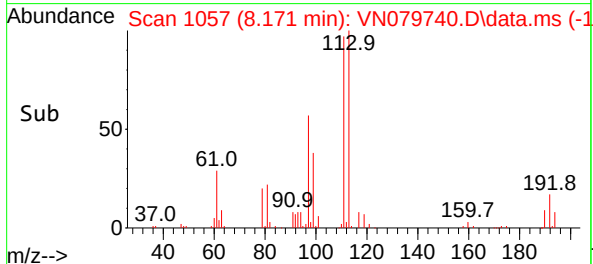
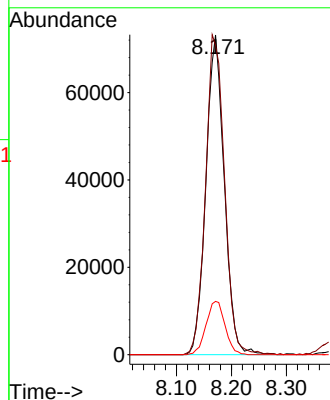
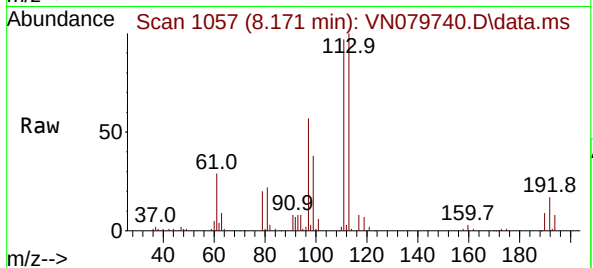
VN1031MBS02

Tgt Ion: 113 Resp: 169852
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 17.2 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: 19.078 ug/l

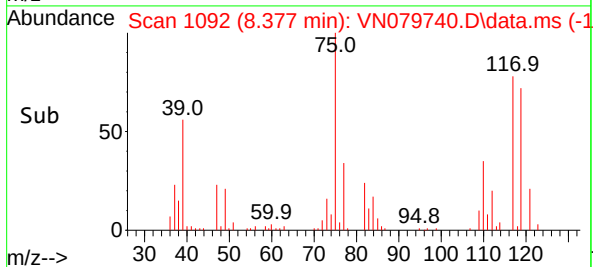
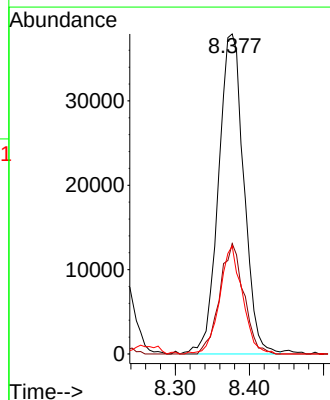
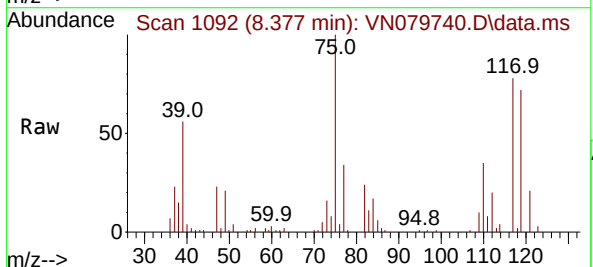
RT: 8.377 min Scan# 1092

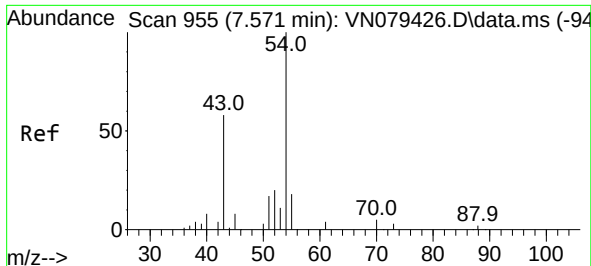
Delta R.T. -0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Tgt Ion: 75 Resp: 90053
 Ion Ratio Lower Upper
 75 100
 110 32.9 19.1 57.3
 77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 19.905 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

Tgt Ion: 43 Resp: 93128

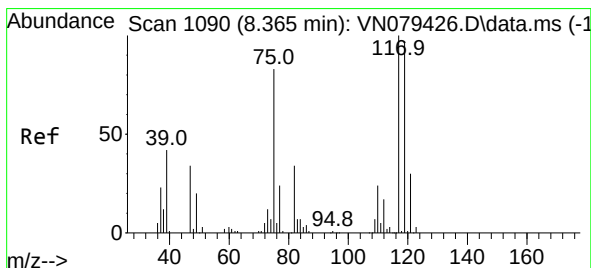
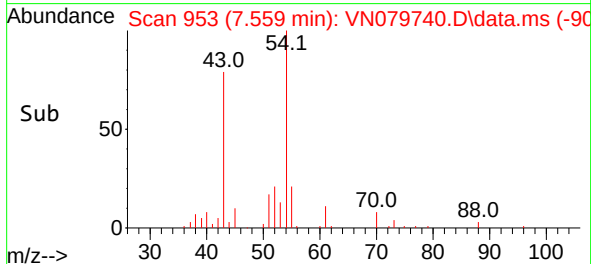
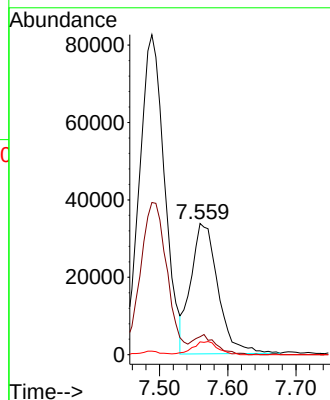
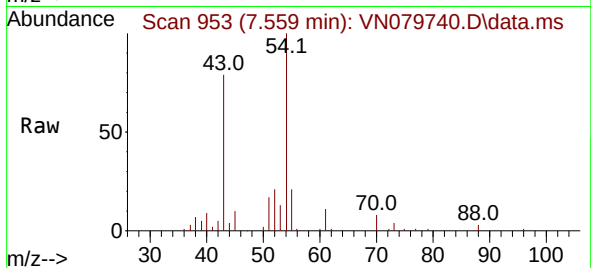
Ion	Ratio	Lower	Upper
43	100		
61	12.7	13.2	19.8
70	9.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#38

Carbon Tetrachloride

Concen: 19.327 ug/l

RT: 8.365 min Scan# 1090

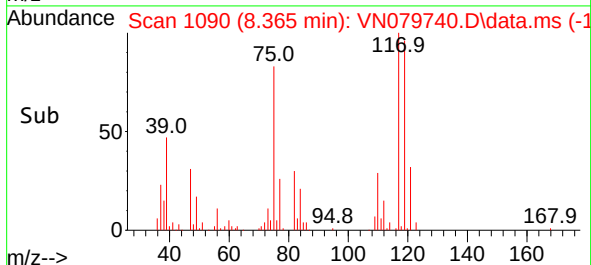
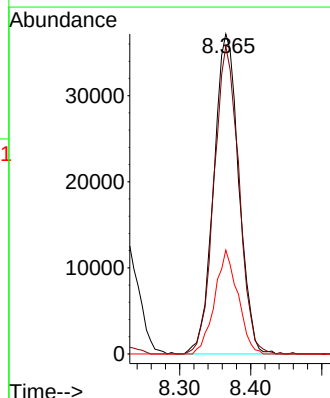
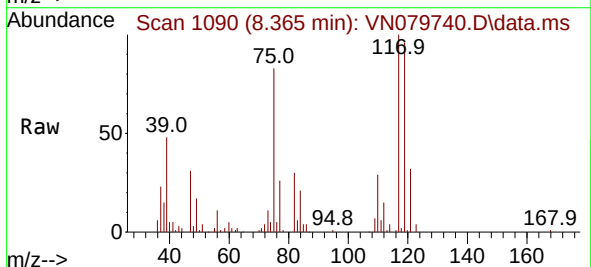
Delta R.T. 0.000 min

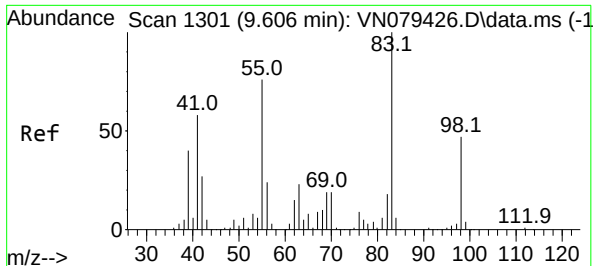
Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Tgt Ion:117 Resp: 90975

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
121	32.4	23.3	34.9





#39

Methylcyclohexane

Concen: 17.814 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

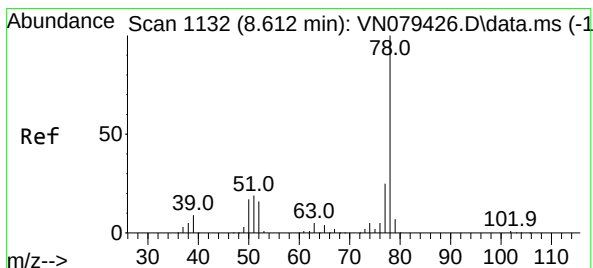
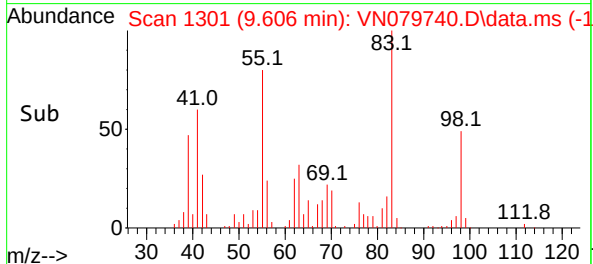
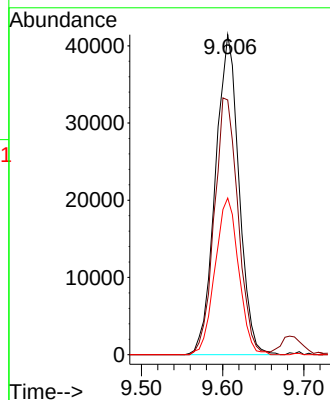
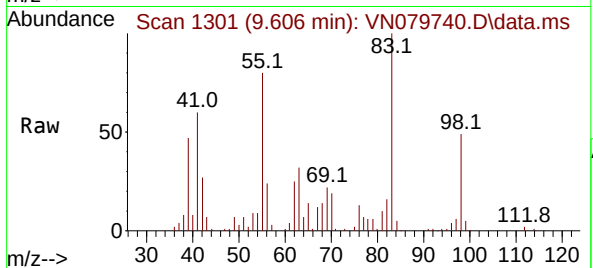
Tgt Ion: 83 Resp: 83638
 Ion Ratio Lower Upper
 83 100
 55 79.6 49.1 73.7
 98 49.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#40

Benzene

Concen: 19.726 ug/l

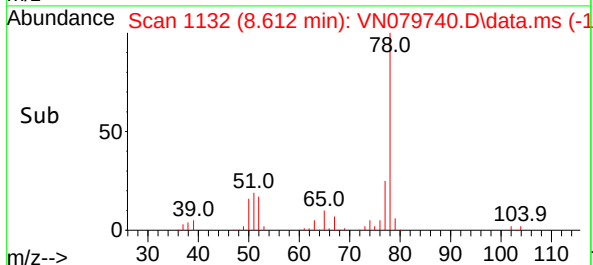
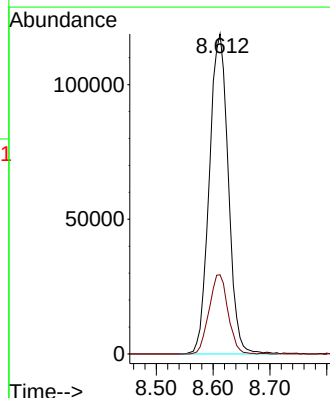
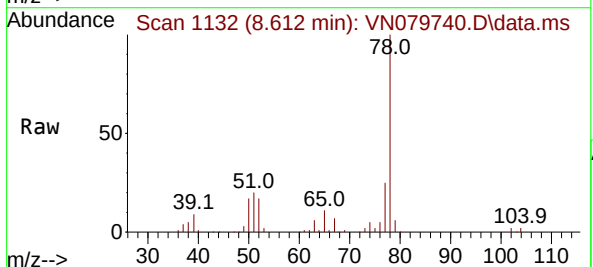
RT: 8.612 min Scan# 1132

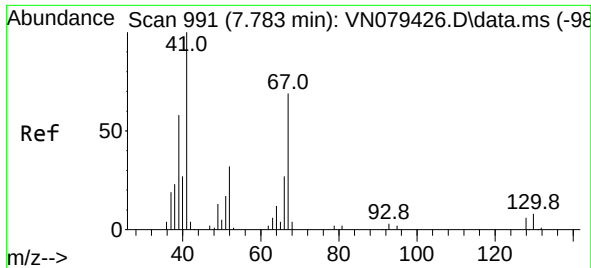
Delta R.T. 0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

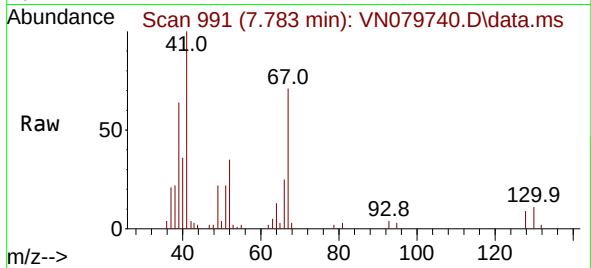
Tgt Ion: 78 Resp: 274810
 Ion Ratio Lower Upper
 78 100
 77 24.8 19.0 28.6





#41
Methacrylonitrile
Concen: 19.520 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

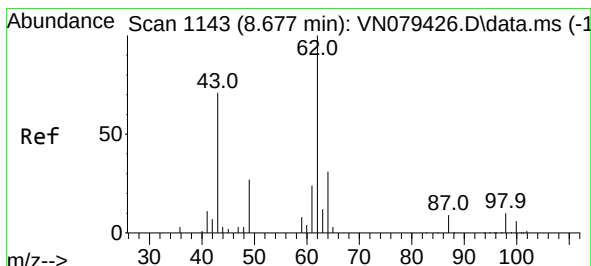
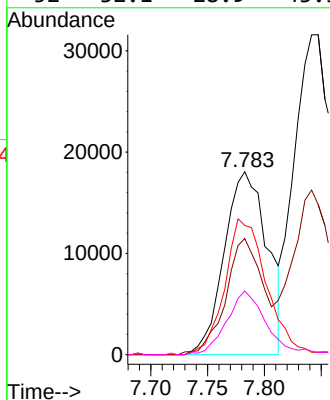
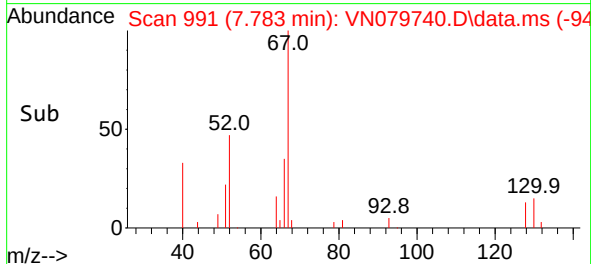
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



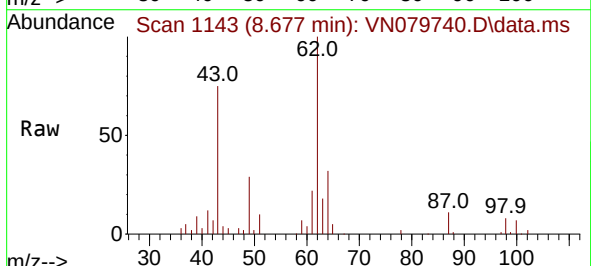
Tgt Ion: 41 Resp: 4763
Ion Ratio Lower Upper
41 100
39 54.0 42.6 64.0
67 71.6 77.5 116.3
52 32.1 28.9 43.3

Manual Integrations
APPROVED

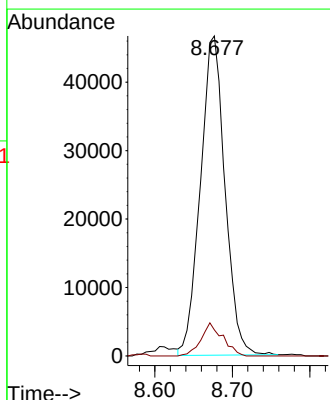
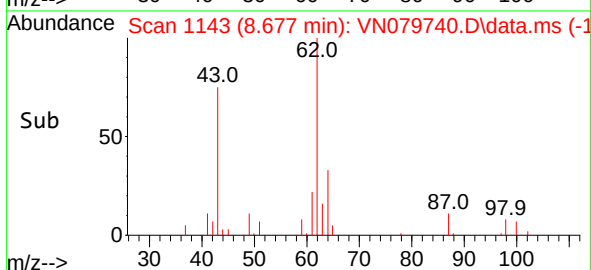
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

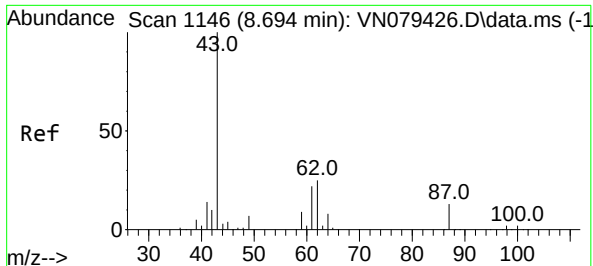


#42
1,2-Dichloroethane
Concen: 20.318 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion: 62 Resp: 102803
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





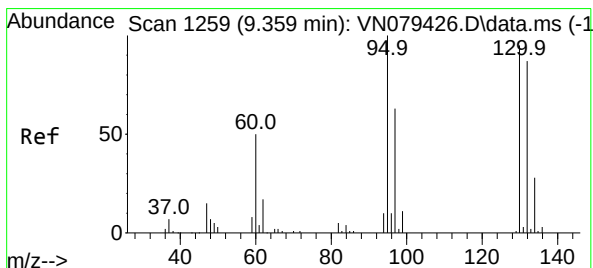
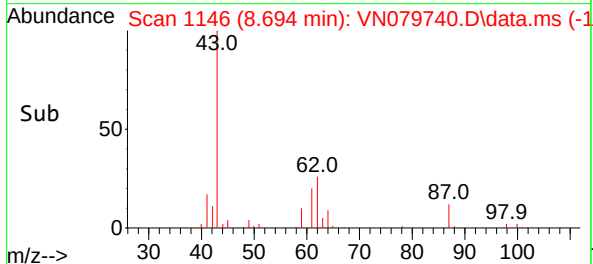
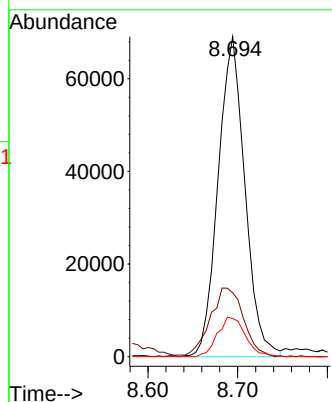
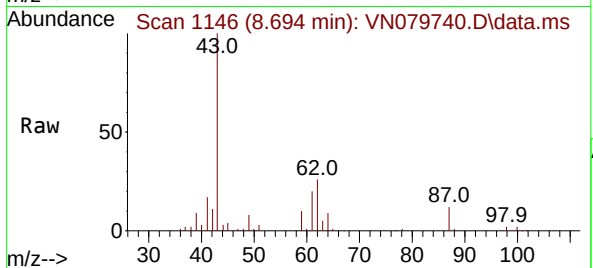
#43
Isopropyl Acetate
Concen: 19.159 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion: 43 Resp: 14330
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 12.9 14.6 21.8

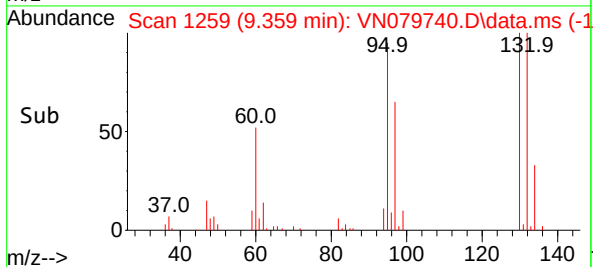
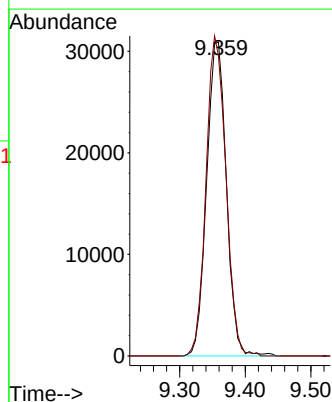
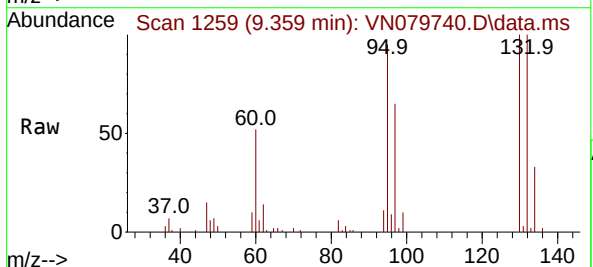
Manual Integrations
APPROVED

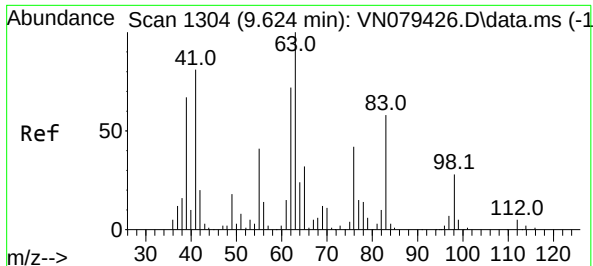
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#44
Trichloroethene
Concen: 19.194 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion:130 Resp: 64771
Ion Ratio Lower Upper
130 100
95 95.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.046 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

Tgt Ion: 63 Resp: 7417

Ion Ratio Lower Upper

63 100

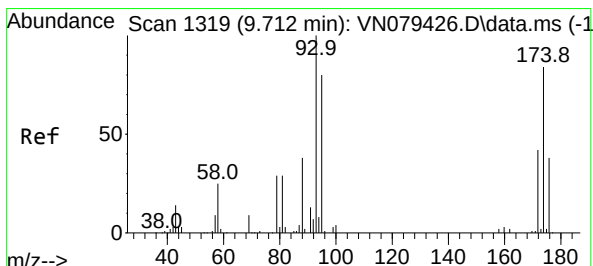
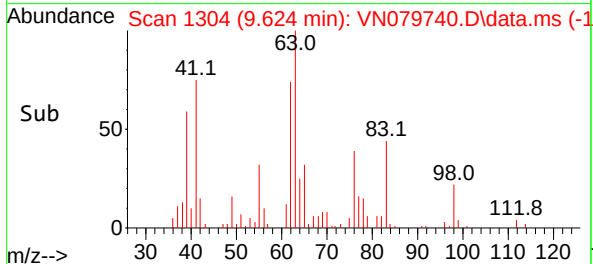
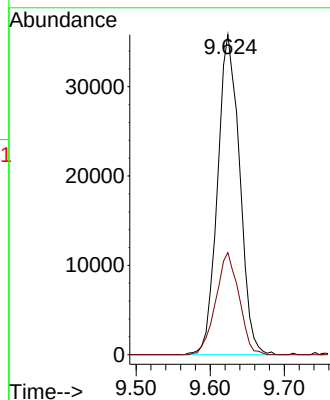
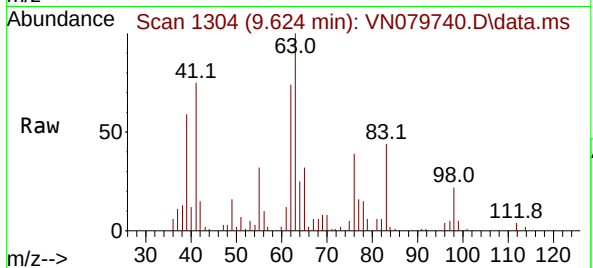
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#46

Dibromomethane

Concen: 19.697 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

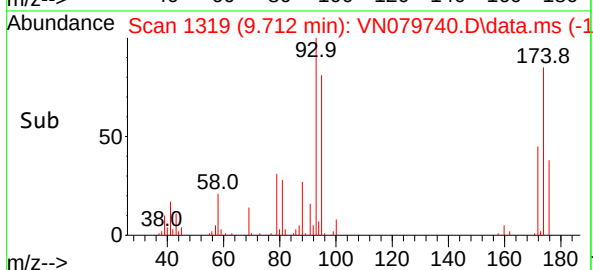
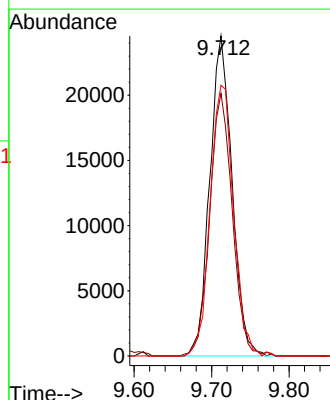
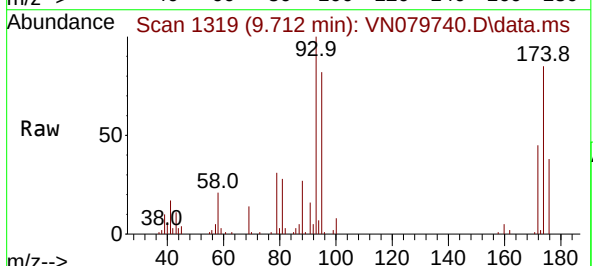
Tgt Ion: 93 Resp: 49155

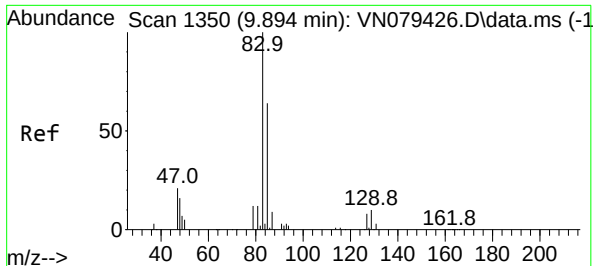
Ion Ratio Lower Upper

93 100

95 83.1 63.8 95.8

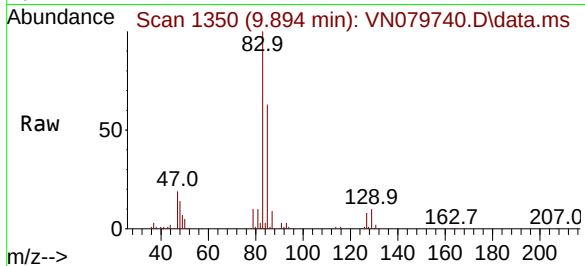
174 88.7 65.6 98.4





#47
Bromodichloromethane
Concen: 20.364 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

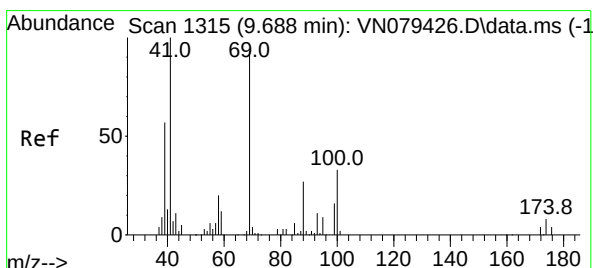
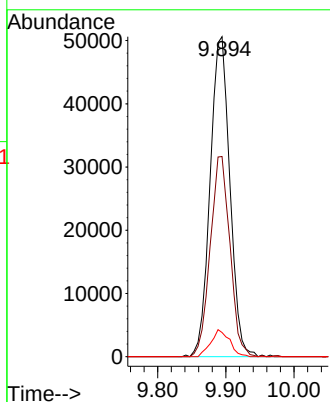
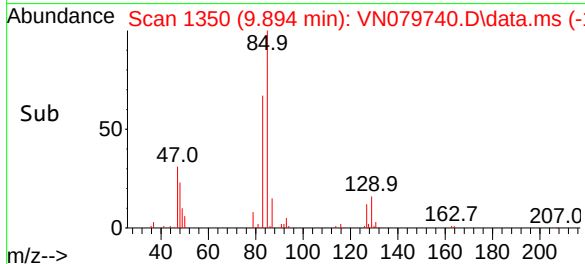
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



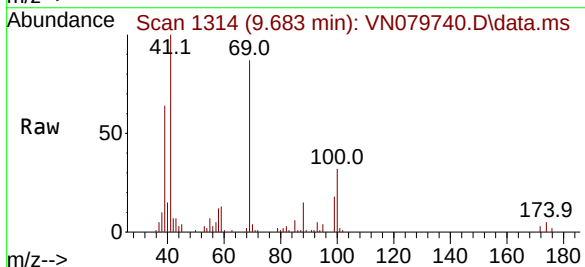
Tgt Ion: 83 Resp: 10194
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 7.5 7.0 10.6

Manual Integrations
APPROVED

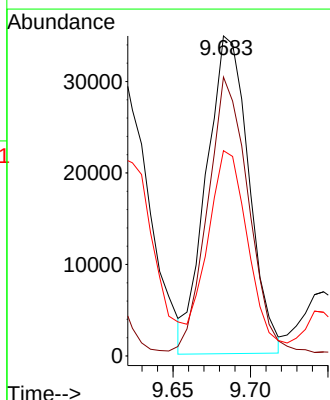
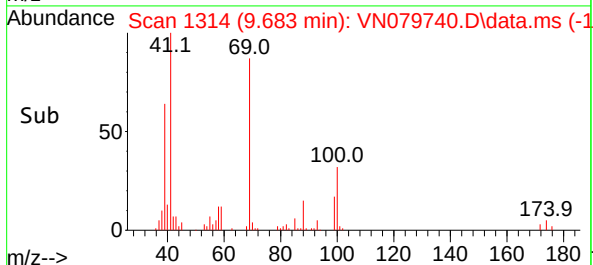
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

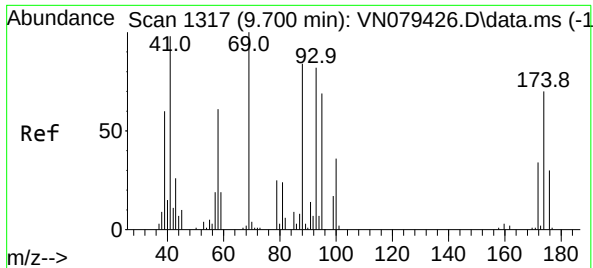


#48
Methyl methacrylate
Concen: 19.075 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion: 41 Resp: 66146
Ion Ratio Lower Upper
41 100
69 85.2 90.4 135.6#
39 62.0 54.6 81.8





#49

1,4-Dioxane

Concen: 375.720 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

Tgt Ion: 88 Resp: 2292

Ion Ratio Lower Upper

88 100

43 33.1 17.0 25.6

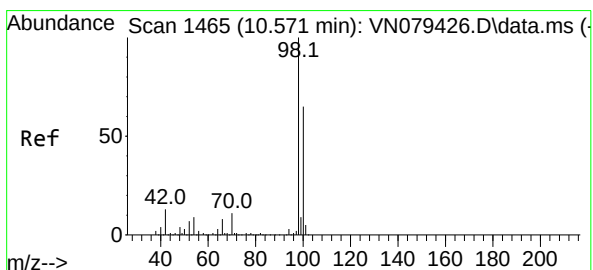
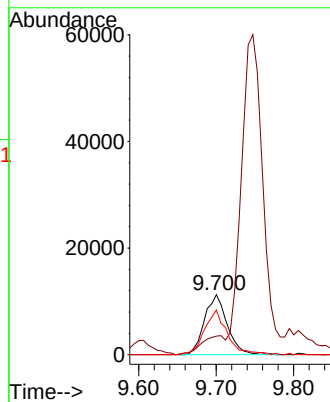
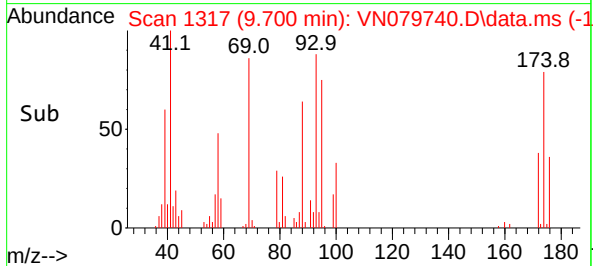
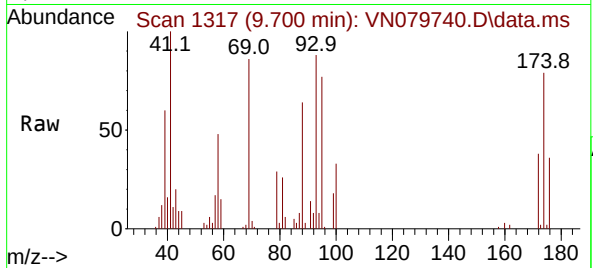
58 75.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#50

Toluene-d8

Concen: 54.362 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079740.D

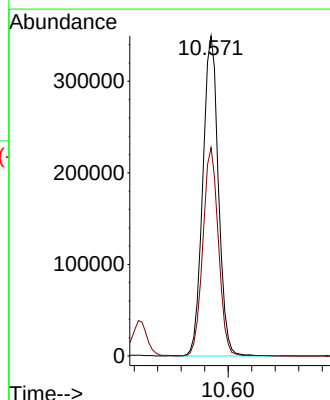
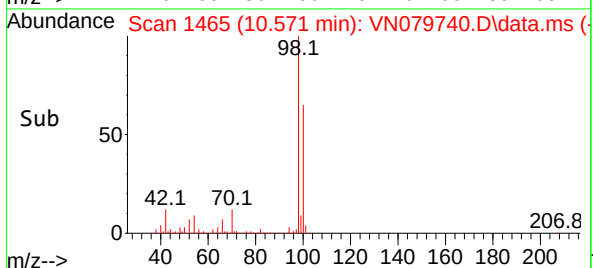
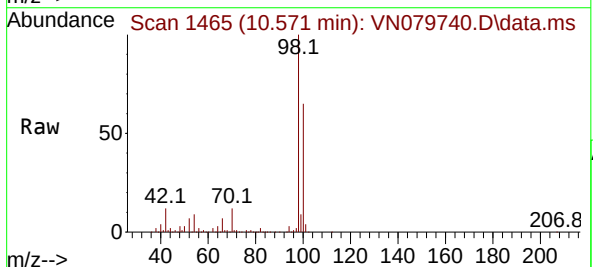
Acq: 31 Oct 2023 13:34

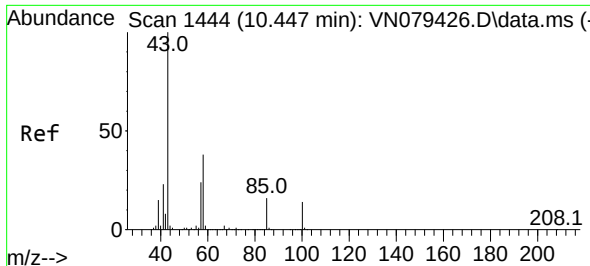
Tgt Ion: 98 Resp: 644792

Ion Ratio Lower Upper

98 100

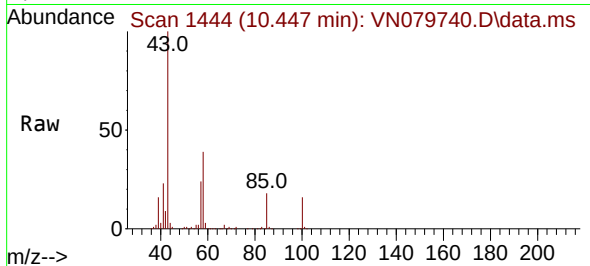
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 96.930 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

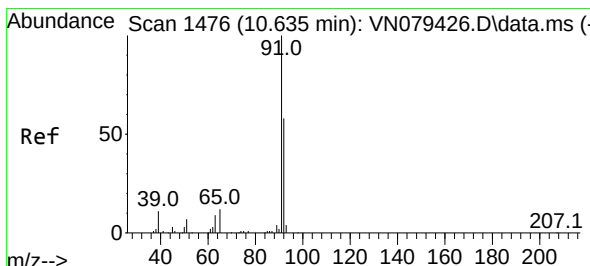
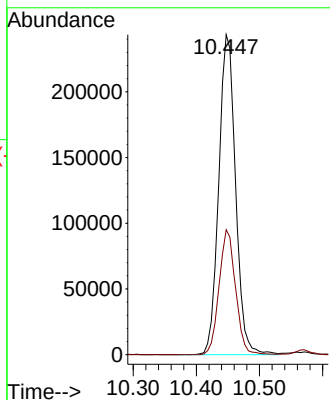
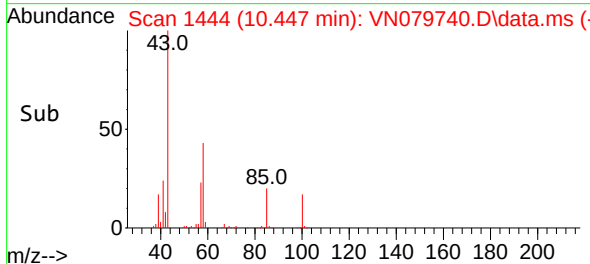
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



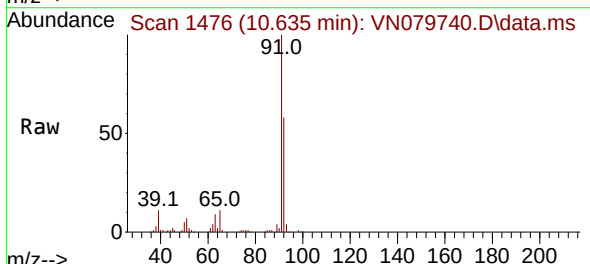
Tgt Ion: 43 Resp: 451104
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8

Manual Integrations
APPROVED

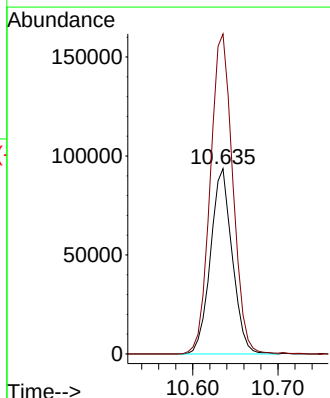
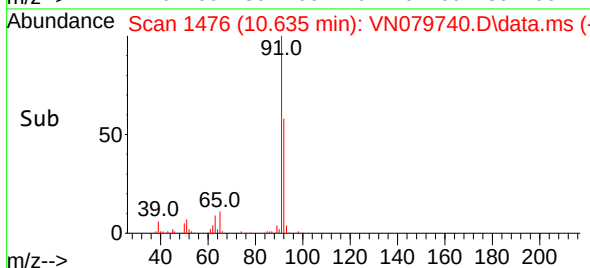
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

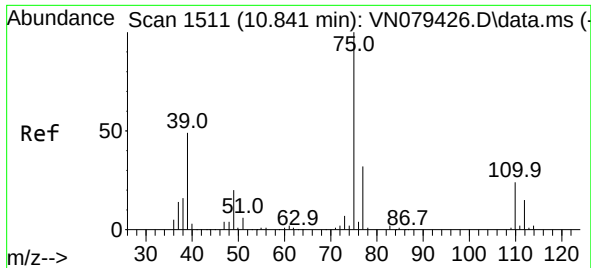


#52
Toluene
Concen: 19.503 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion: 92 Resp: 165871
Ion Ratio Lower Upper
92 100
91 179.1 137.4 206.0





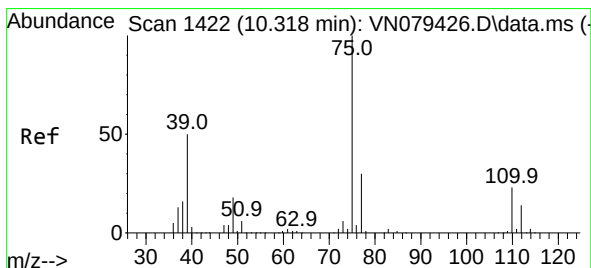
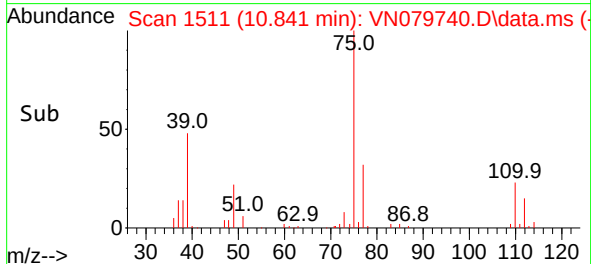
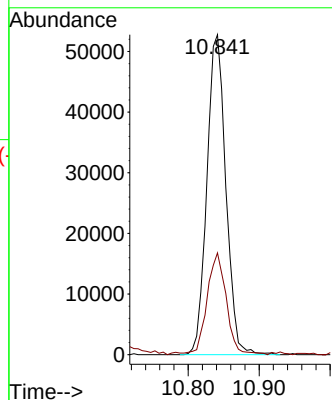
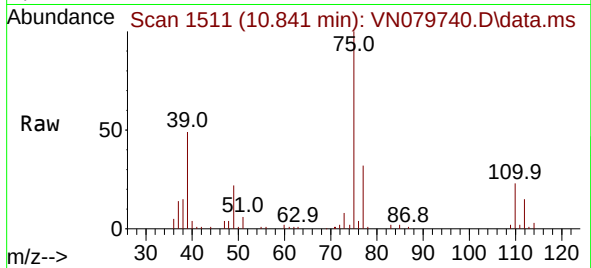
#53
 t-1,3-Dichloropropene
 Concen: 19.388 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079740.D
 Acq: 31 Oct 2023 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS02

Tgt Ion: 75 Resp: 9801
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0

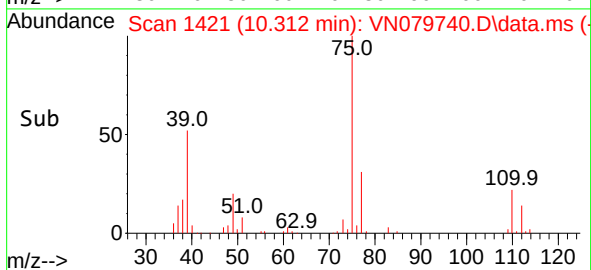
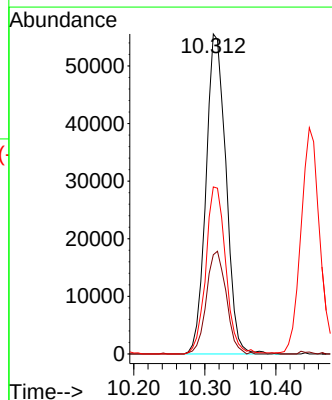
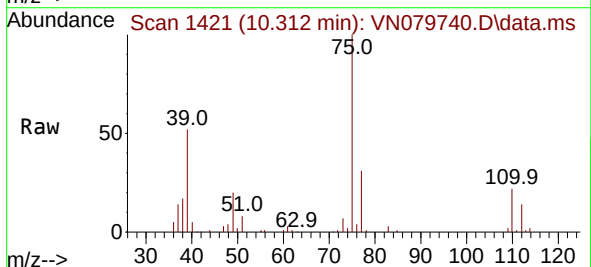
Manual Integrations
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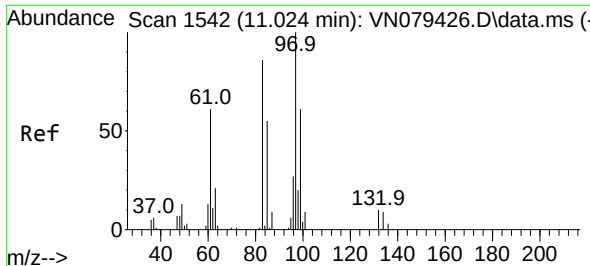
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.636 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079740.D
 Acq: 31 Oct 2023 13:34

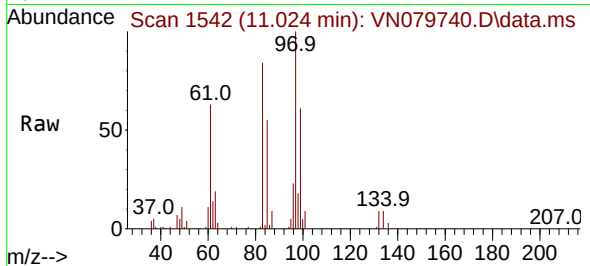
Tgt Ion: 75 Resp: 108602
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.1 39.1
 39 52.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.563 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

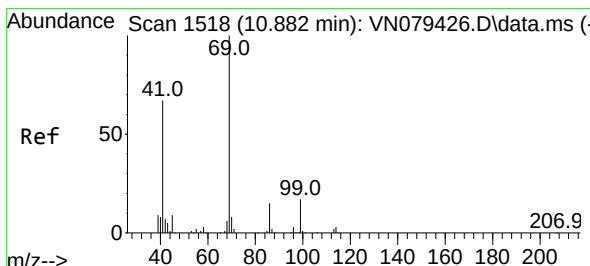
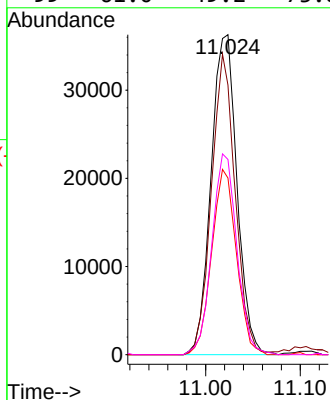
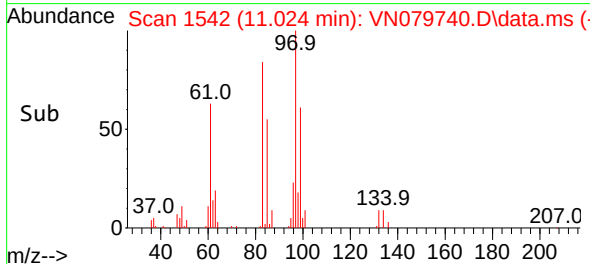
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



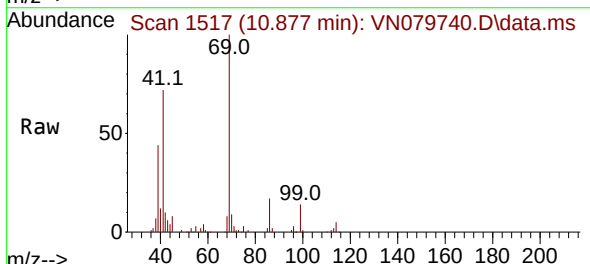
Tgt Ion:	97	Resp:	6916
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.1	97.7
85	55.2	43.4	65.2
99	61.0	49.2	73.8

Manual Integrations
APPROVED

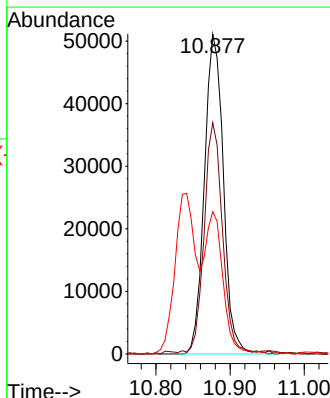
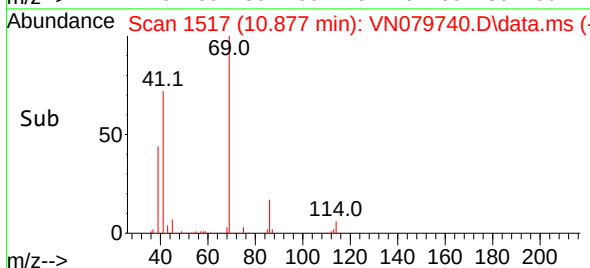
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

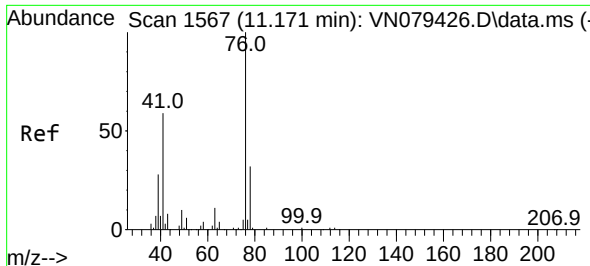


#56
Ethyl methacrylate
Concen: 19.162 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion:	69	Resp:	91022
Ion	Ratio	Lower	Upper
69	100		
41	68.7	39.6	59.4#
39	42.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.585 ug/l

RT: 11.165 min Scan# 11165

Delta R.T. -0.006 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

Tgt Ion: 76 Resp: 121165

Ion Ratio Lower Upper

76 100

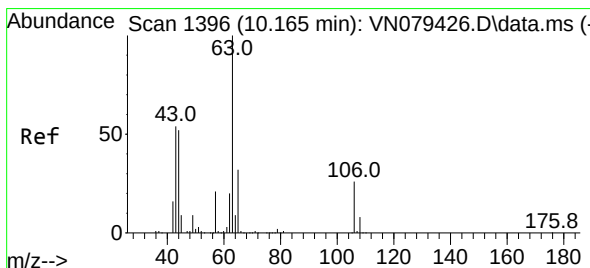
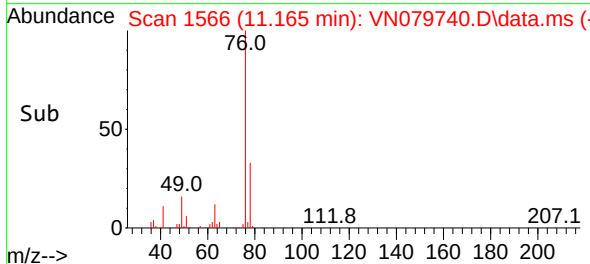
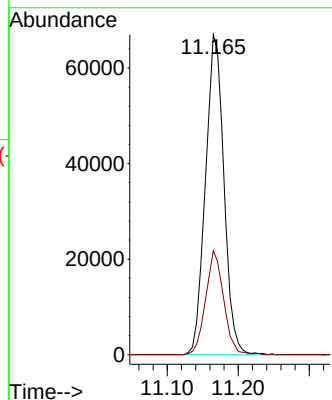
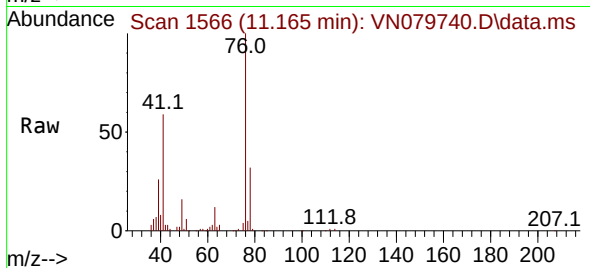
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.593 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079740.D

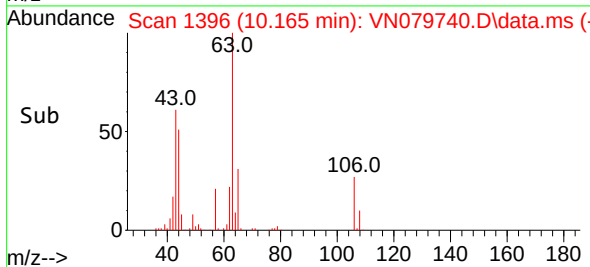
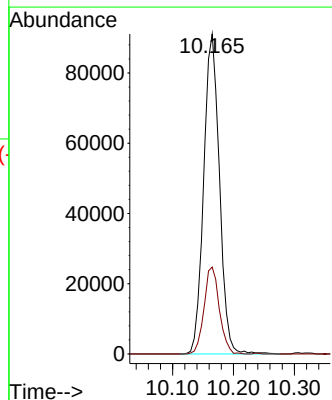
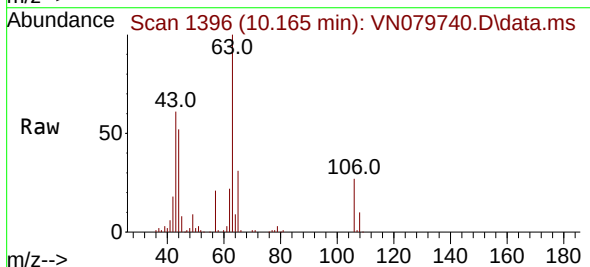
Acq: 31 Oct 2023 13:34

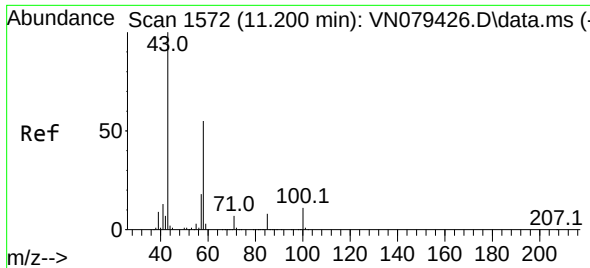
Tgt Ion: 63 Resp: 163790

Ion Ratio Lower Upper

63 100

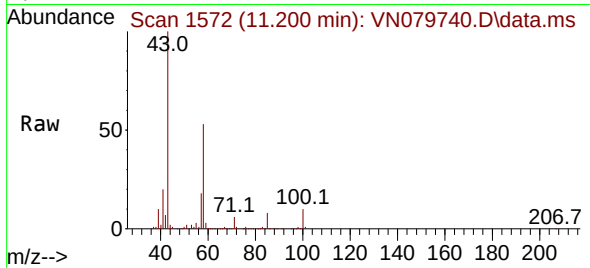
106 26.3 26.2 39.4





#59
2-Hexanone
Concen: 93.115 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

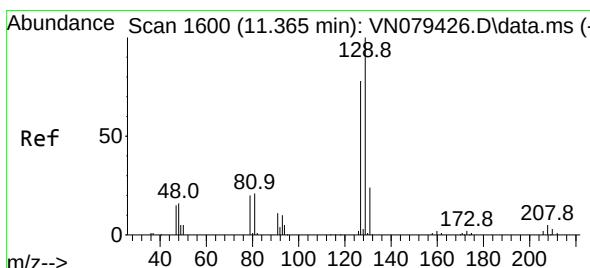
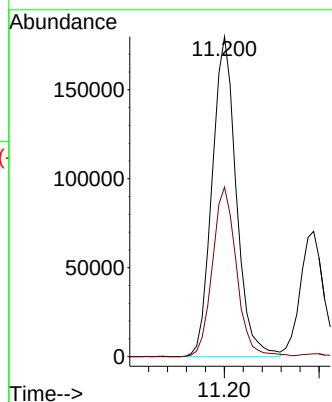
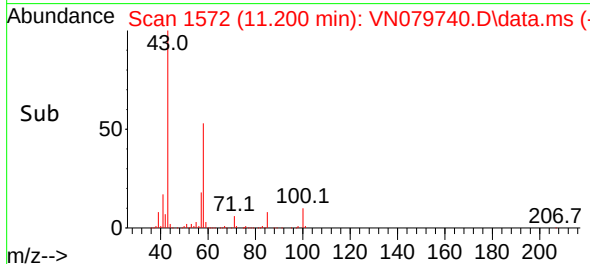
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



Tgt Ion: 43 Resp: 31863
Ion Ratio Lower Upper
43 100
58 52.8 31.7 95.1

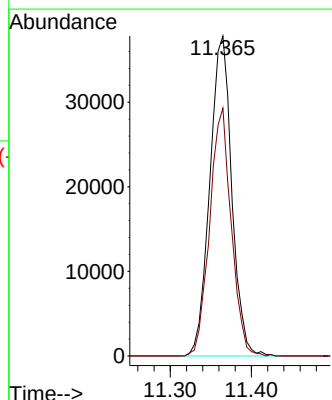
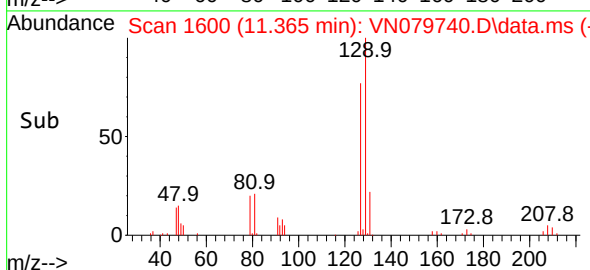
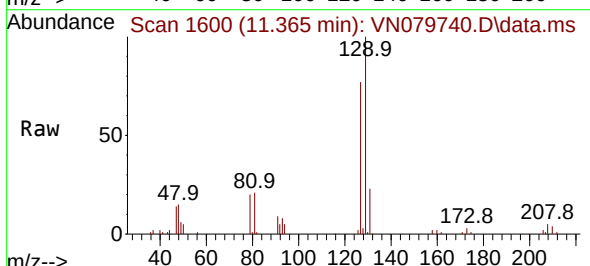
Manual Integrations
APPROVED

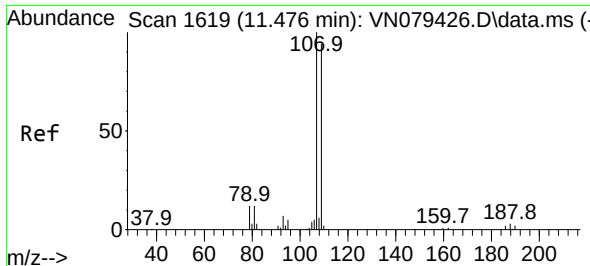
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#60
Dibromochloromethane
Concen: 20.414 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion:129 Resp: 71049
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0





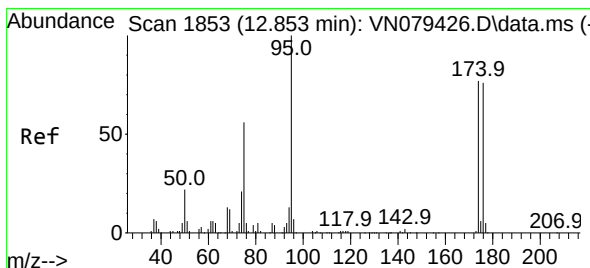
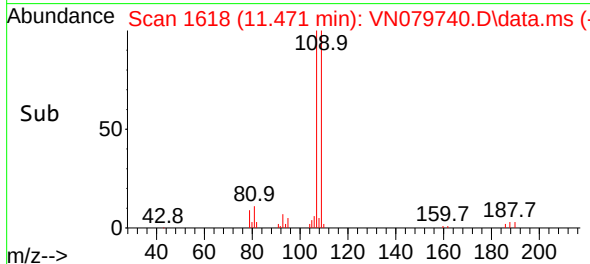
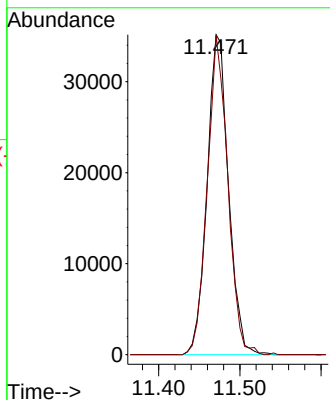
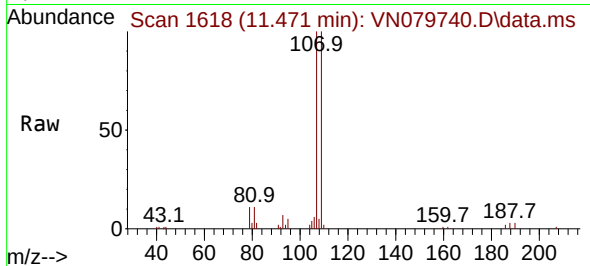
#61
1,2-Dibromoethane
Concen: 19.184 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion:107 Resp: 64280
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8

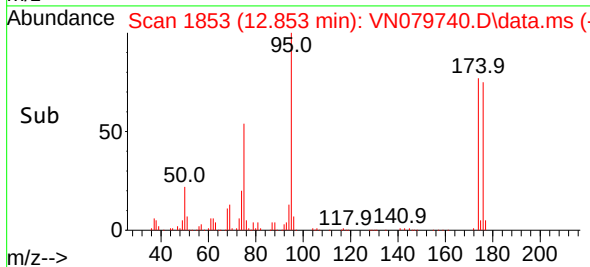
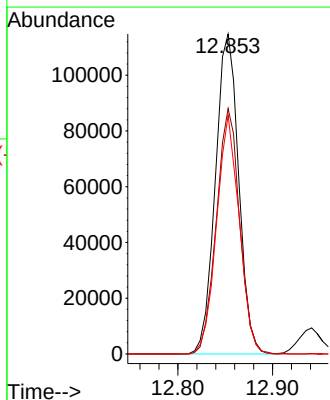
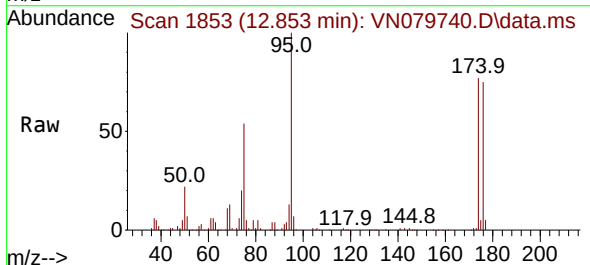
Manual Integrations
APPROVED

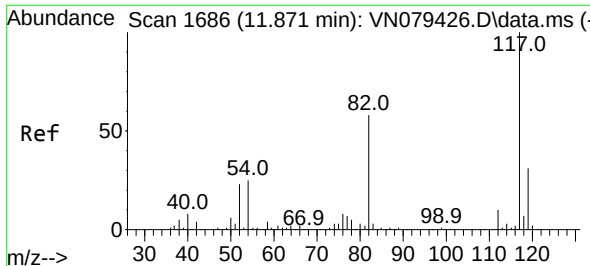
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#62
4-Bromofluorobenzene
Concen: 52.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

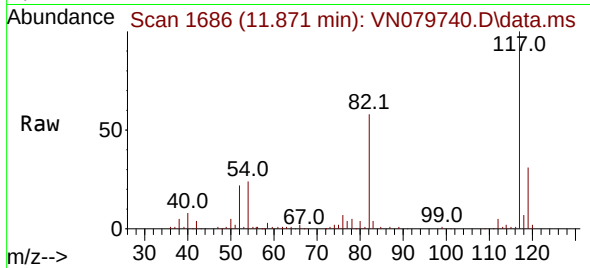
Tgt Ion: 95 Resp: 196032
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 72.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

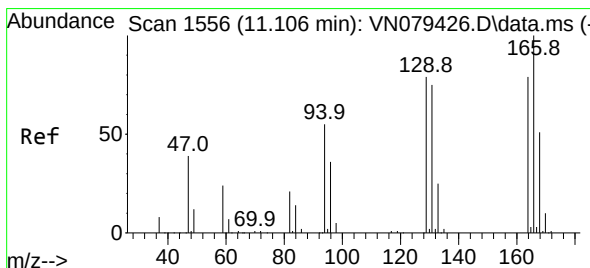
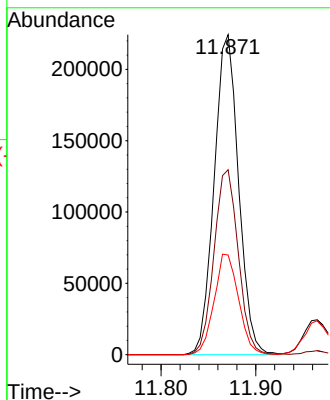
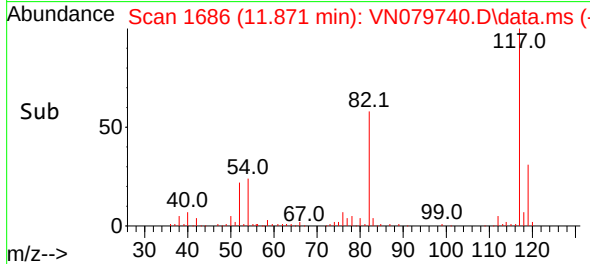
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



Tgt Ion:117 Resp: 402180
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 31.2 25.6 38.4

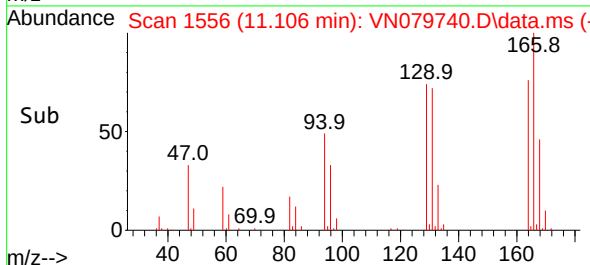
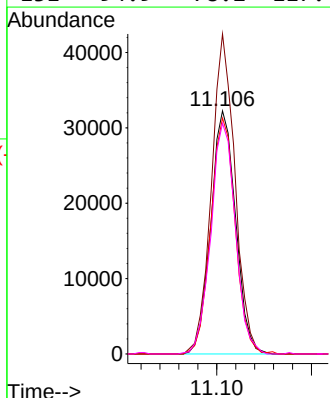
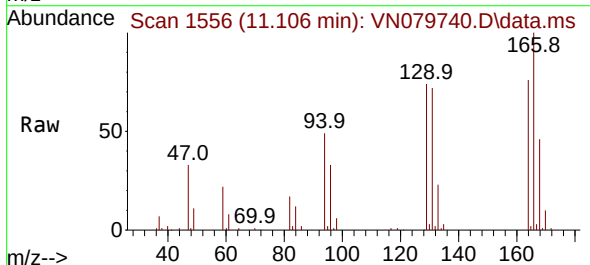
Manual Integrations
APPROVED

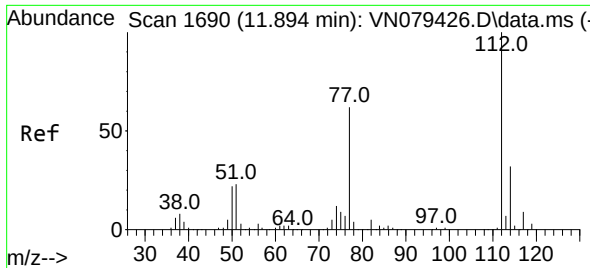
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#64
Tetrachloroethene
Concen: 20.579 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

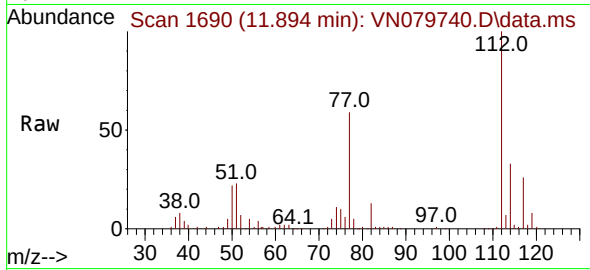
Tgt Ion:164 Resp: 58714
Ion Ratio Lower Upper
164 100
166 131.7 101.4 152.0
129 97.1 82.4 123.6
131 94.9 78.2 117.4





#65
Chlorobenzene
Concen: 19.421 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

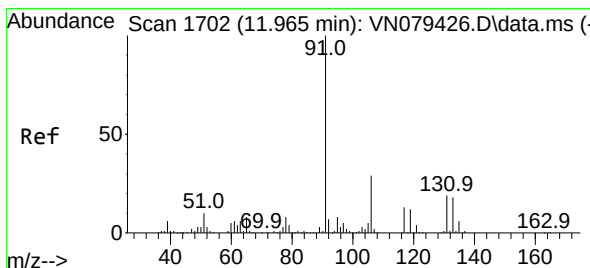
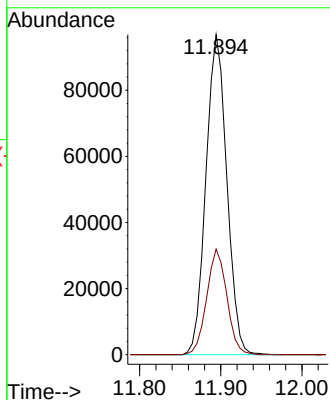
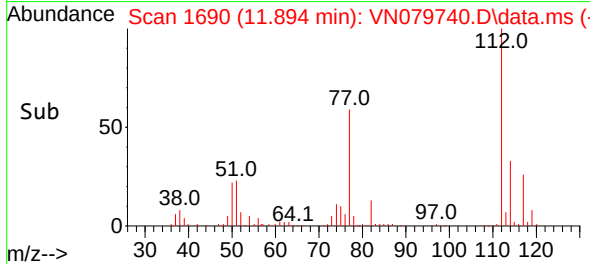
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



Tgt Ion:112 Resp: 17288
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4

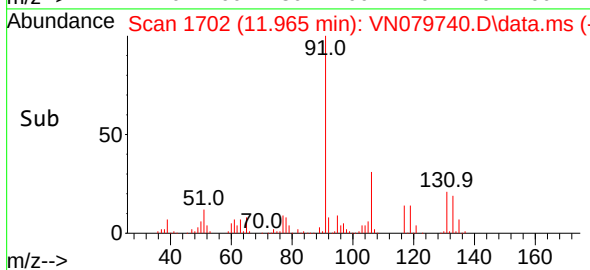
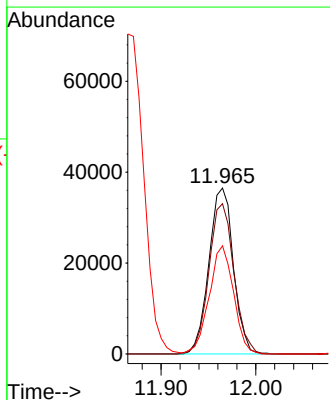
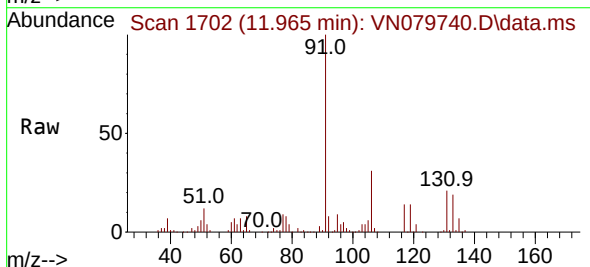
Manual Integrations
APPROVED

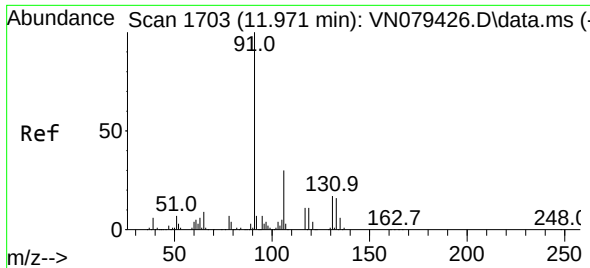
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.815 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion:131 Resp: 65541
Ion Ratio Lower Upper
131 100
133 92.9 46.4 139.1
119 64.9 34.1 102.2





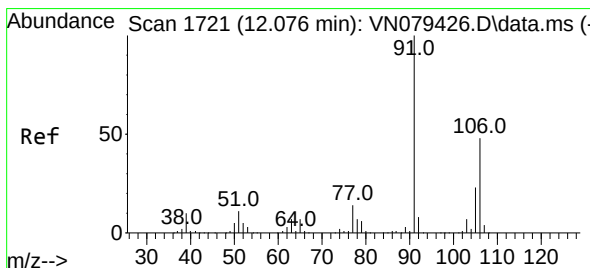
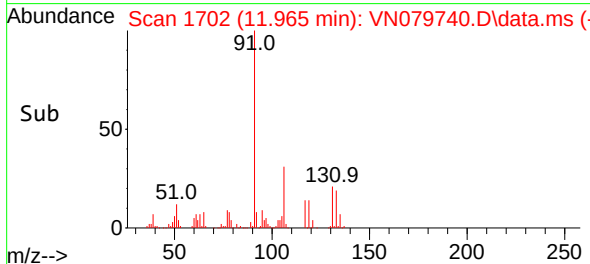
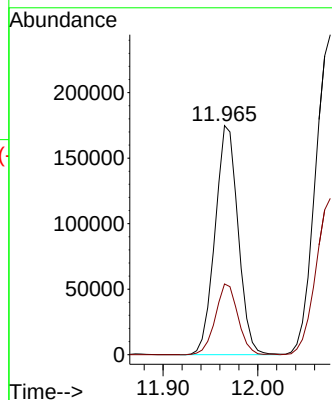
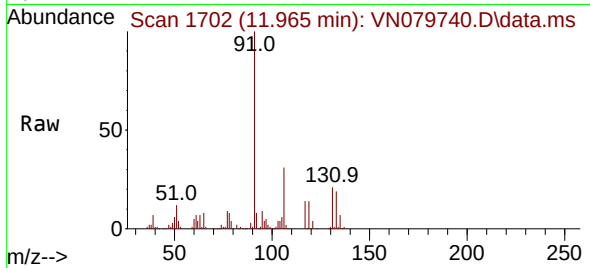
#67
Ethyl Benzene
Concen: 18.865 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion: 91 Resp: 29585
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

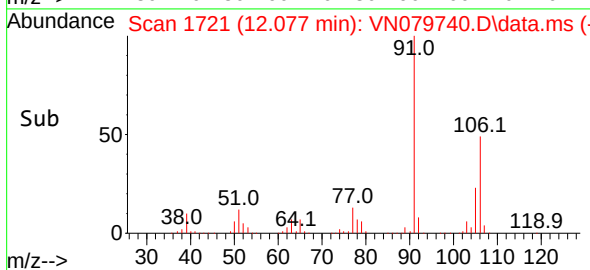
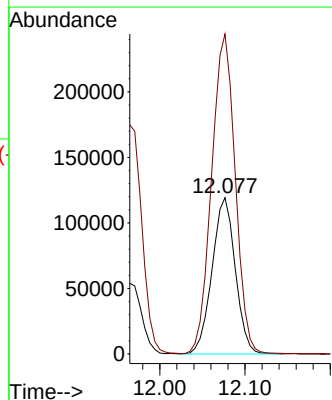
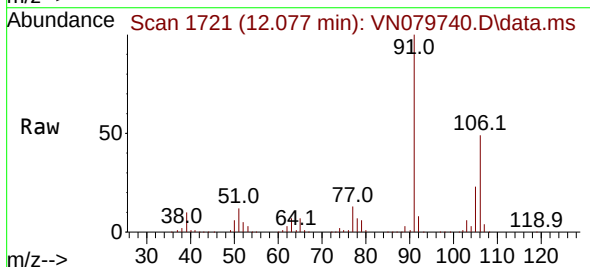
Manual Integrations
APPROVED

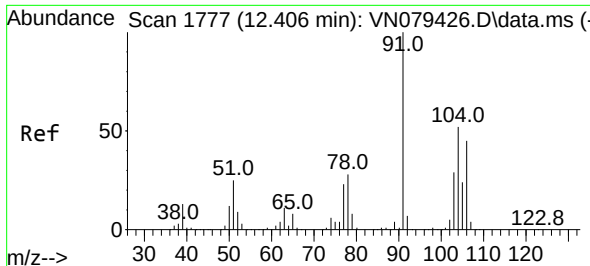
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#68
m/p-Xylenes
Concen: 38.914 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion:106 Resp: 225714
Ion Ratio Lower Upper
106 100
91 208.3 159.6 239.4





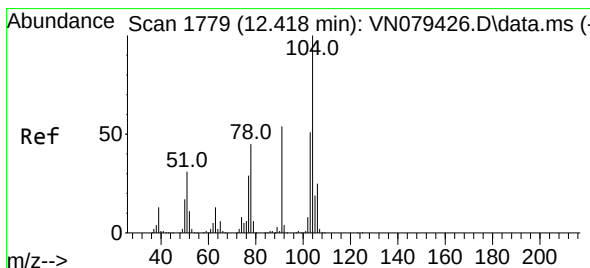
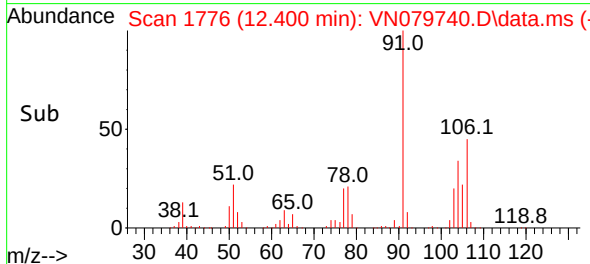
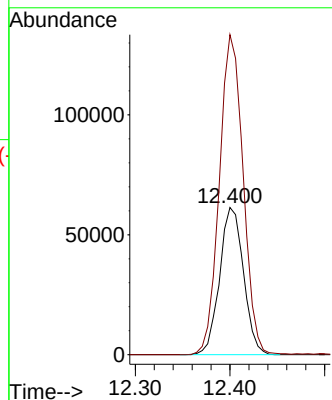
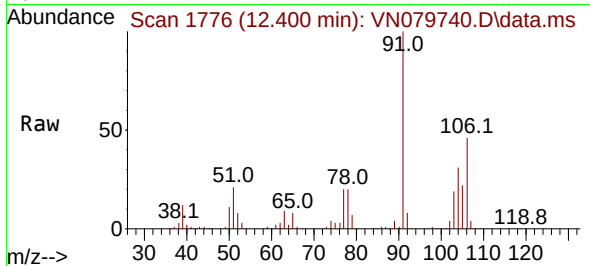
#69
o-Xylene
Concen: 19.264 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion:106 Resp: 10744
Ion Ratio Lower Upper
106 100
91 216.8 105.2 315.5

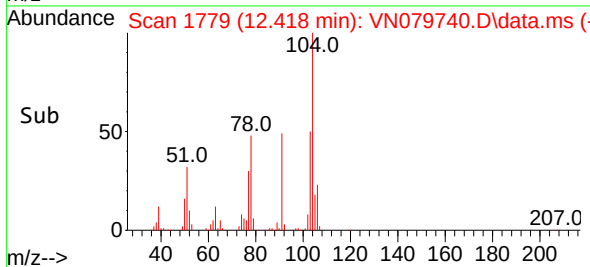
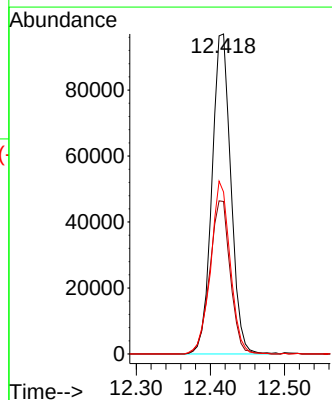
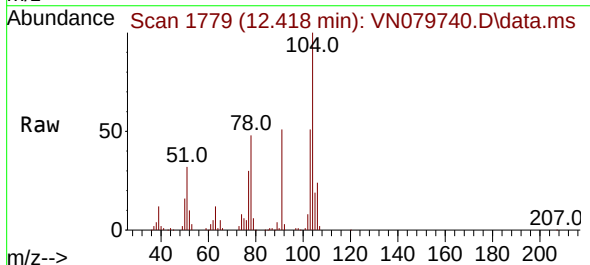
Manual Integrations
APPROVED

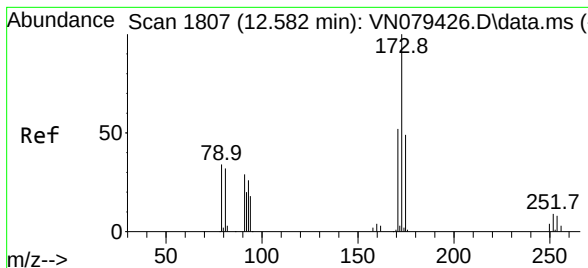
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#70
Styrene
Concen: 19.285 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Tgt Ion:104 Resp: 172303
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.4 43.2 64.8





#71

Bromoform

Concen: 19.483 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

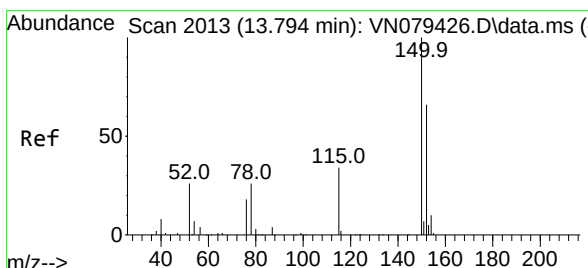
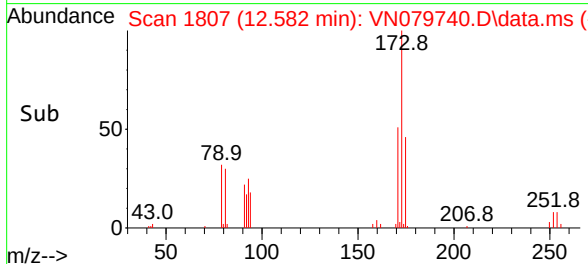
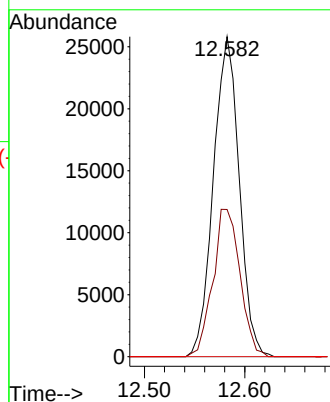
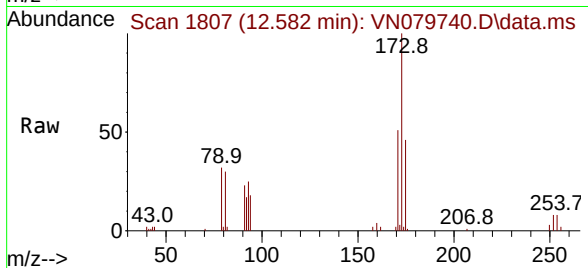
Tgt Ion:173 Resp: 4615
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.3 73.0
 254 0.0 0.0 0.0

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

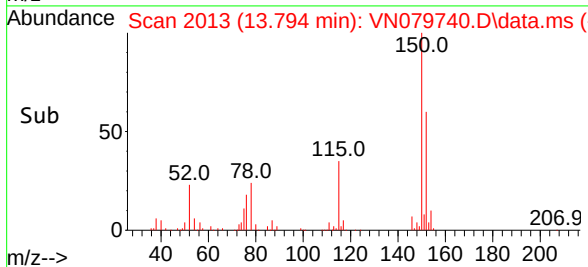
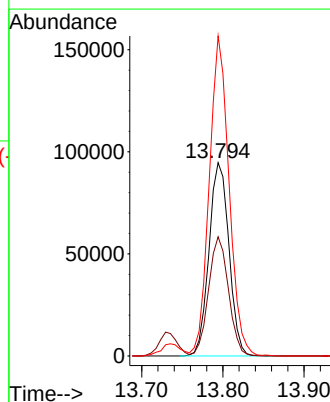
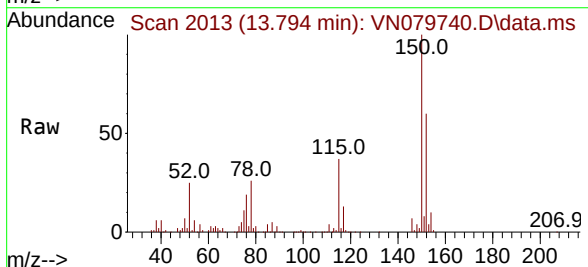
RT: 13.794 min Scan# 2013

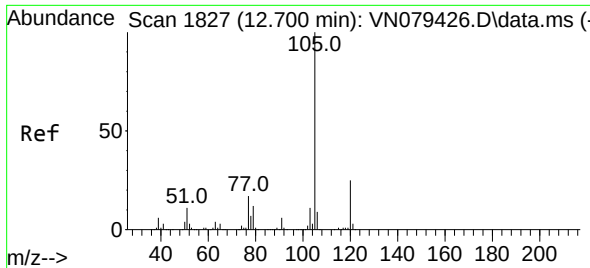
Delta R.T. 0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

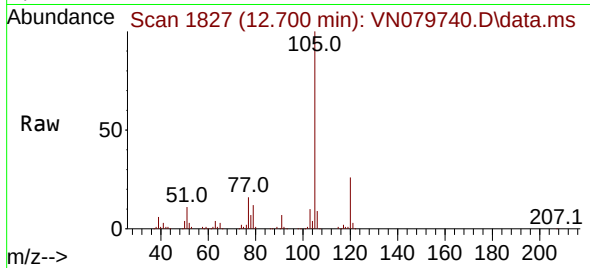
Tgt Ion:152 Resp: 161742
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 163.7 0.0 355.8





#73
Isopropylbenzene
Concen: 18.206 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

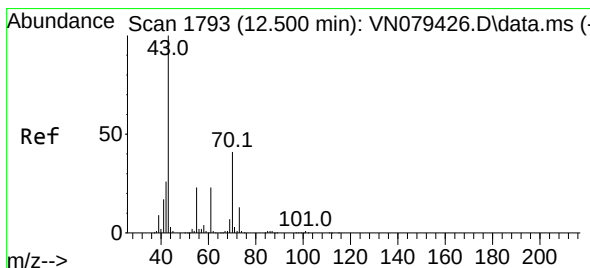
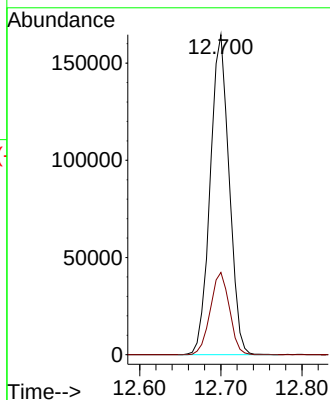
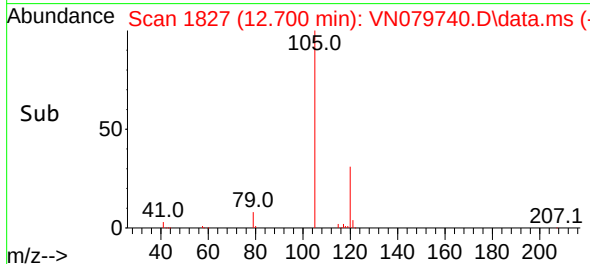
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



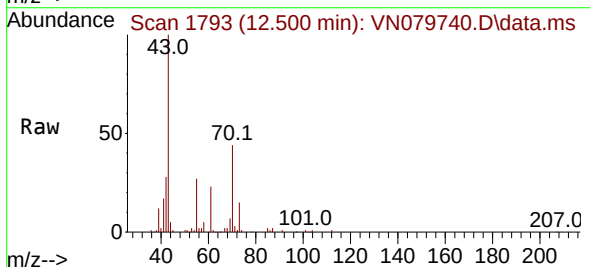
Tgt Ion:105 Resp: 266729
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

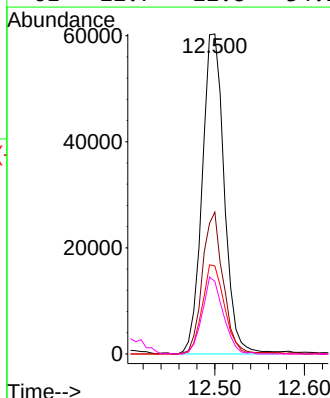
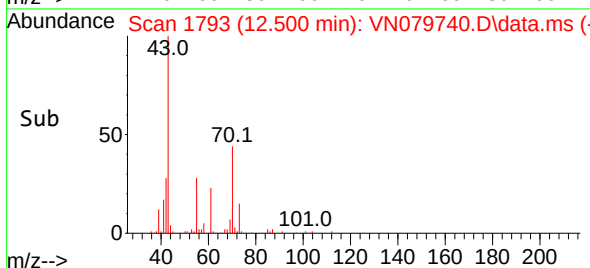
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

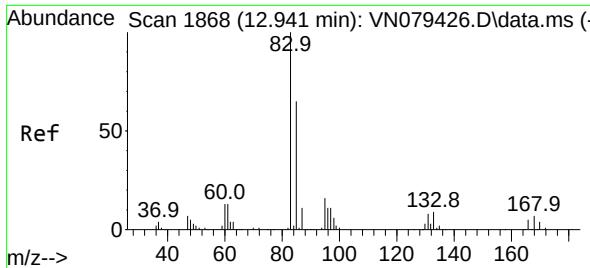


#74
N-ethyl acetate
Concen: 17.711 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion: 43 Resp: 103203
Ion Ratio Lower Upper
43 100
70 41.5 43.4 65.2#
55 28.1 21.4 32.0
61 22.7 22.8 34.2#





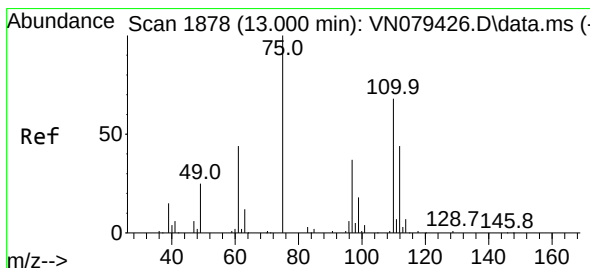
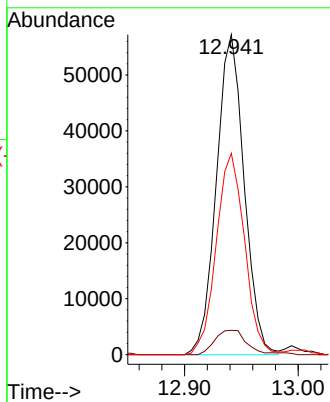
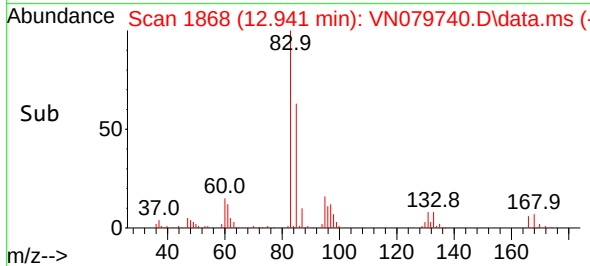
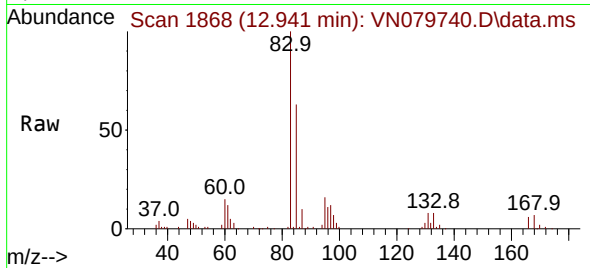
#75
1,1,2,2-Tetrachloroethane
Concen: 18.756 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion: 83 Resp: 97278
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 64.1 31.9 95.7

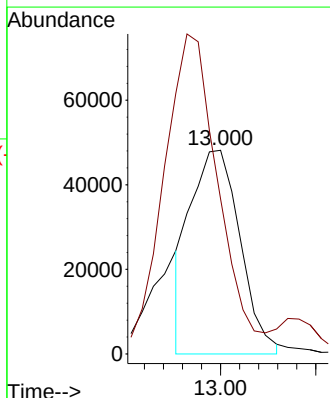
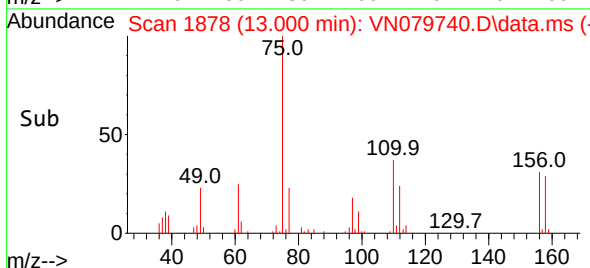
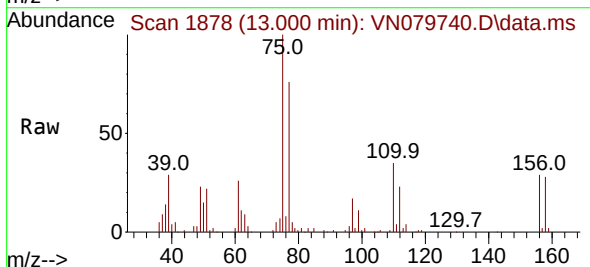
Manual Integrations
APPROVED

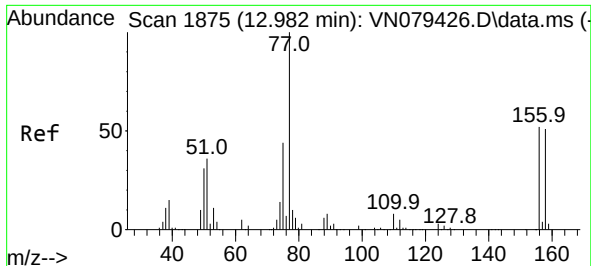
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#76
1,2,3-Trichloropropane
Concen: 19.891 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

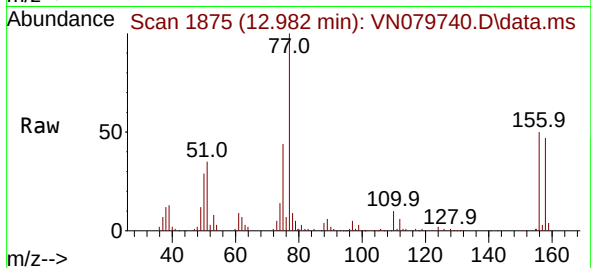
Tgt Ion: 75 Resp: 87359
Ion Ratio Lower Upper
75 100
77 172.4 84.5 253.5





#77
Bromobenzene
Concen: 18.599 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

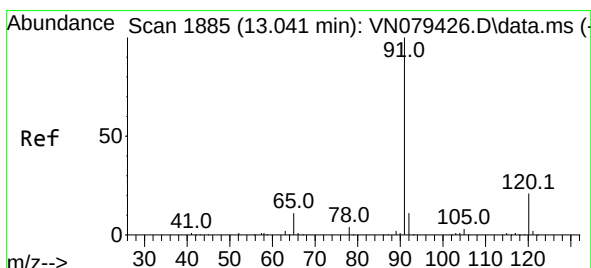
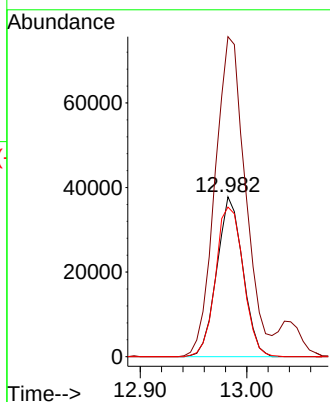
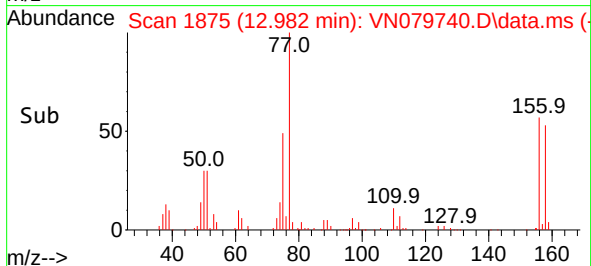
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



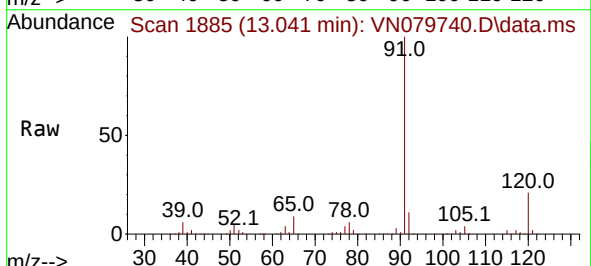
Tgt Ion:156 Resp: 64079
Ion Ratio Lower Upper
156 100
77 235.0 107.7 323.3
158 100.0 48.4 145.3

Manual Integrations
APPROVED

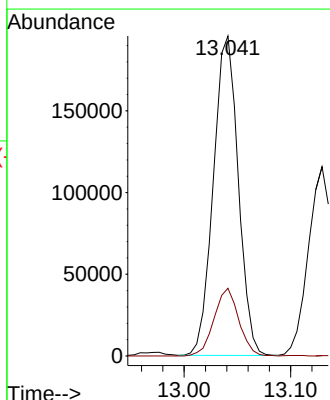
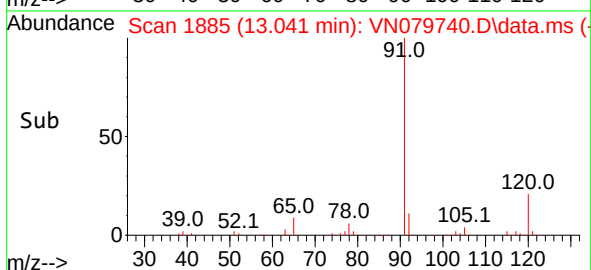
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

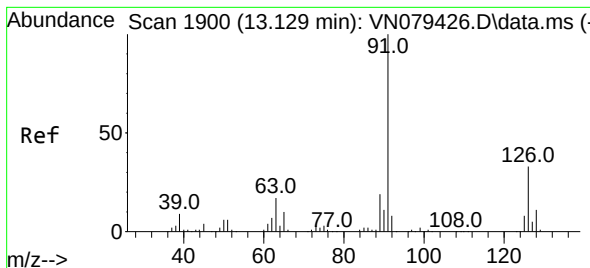


#78
n-propylbenzene
Concen: 18.794 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion: 91 Resp: 317174
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4





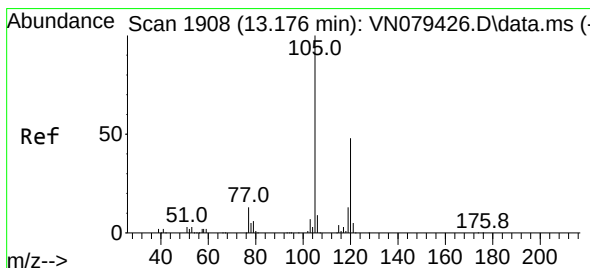
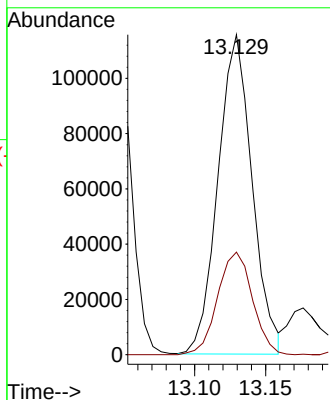
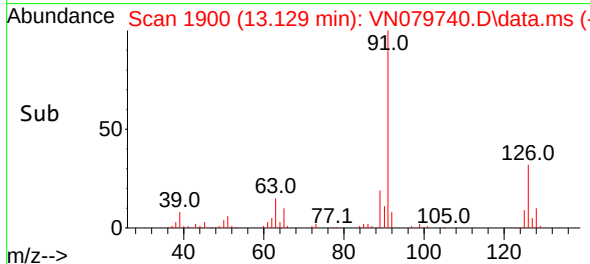
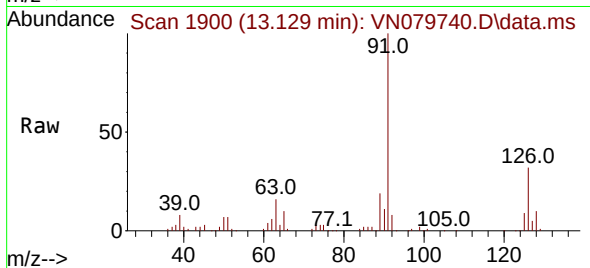
#79
2-Chlorotoluene
Concen: 18.356 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02

Tgt Ion: 91 Resp: 193100
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

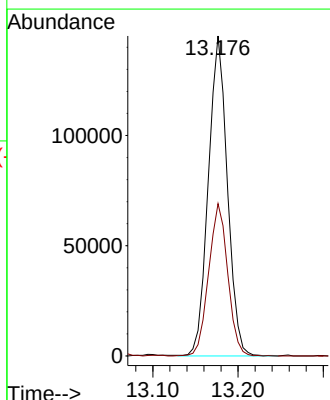
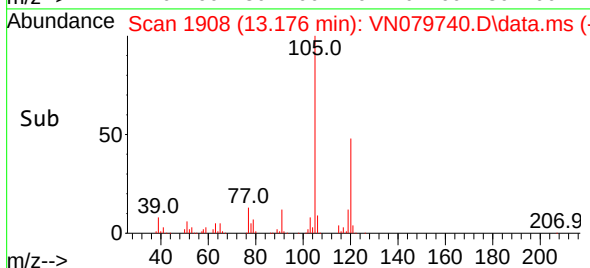
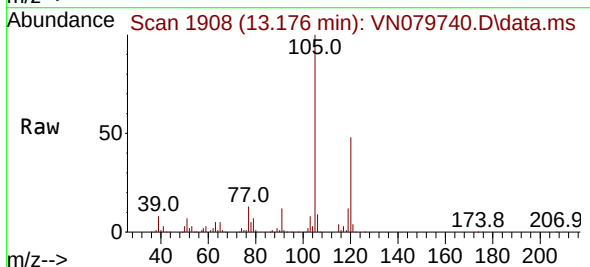
Manual Integrations
APPROVED

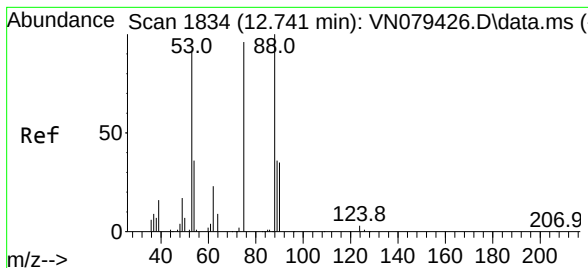
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.938 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

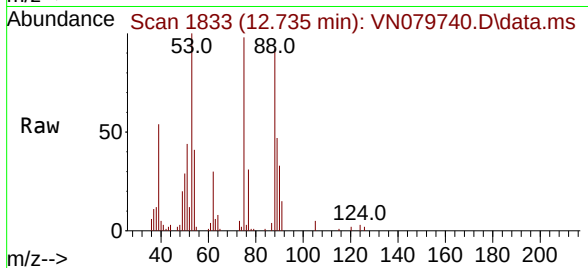
Tgt Ion:105 Resp: 226162
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.881 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

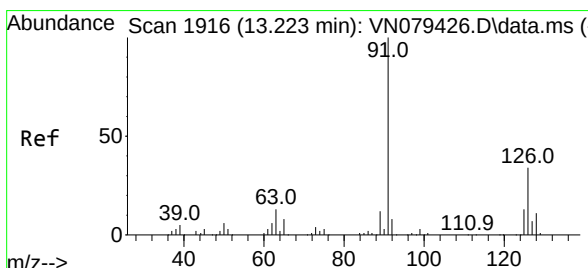
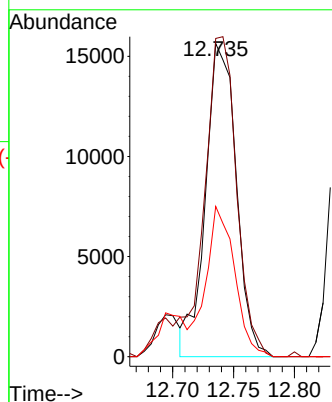
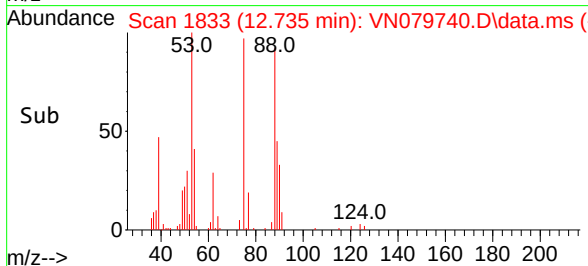
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



Tgt Ion: 75 Resp: 2749
Ion Ratio Lower Upper
75 100
53 107.2 67.4 101.2
89 45.0 38.8 58.2

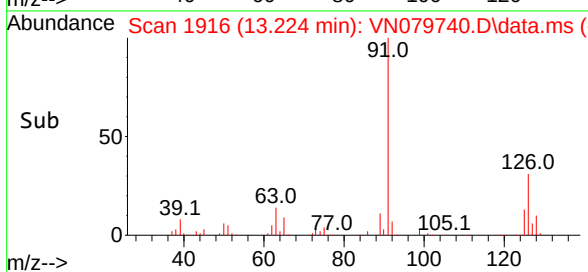
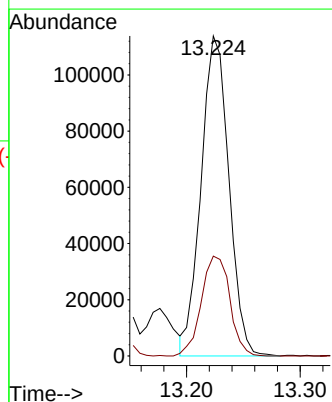
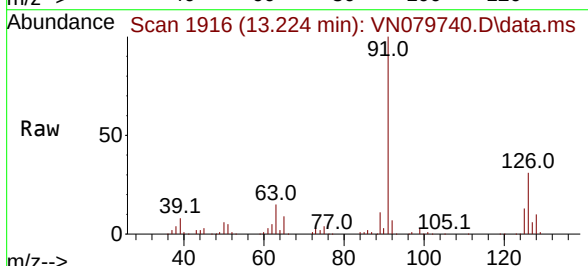
Manual Integrations
APPROVED

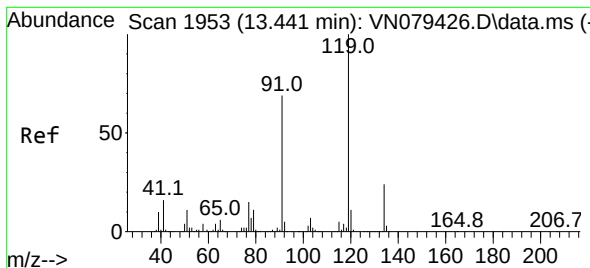
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#82
4-Chlorotoluene
Concen: 19.180 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.001 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

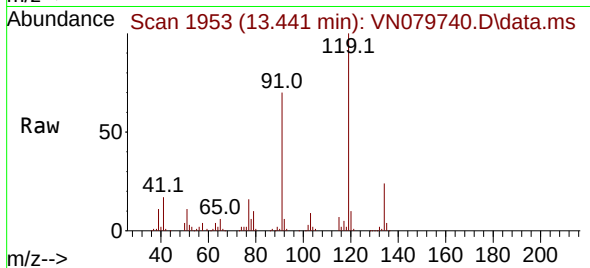
Tgt Ion: 91 Resp: 193806
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.042 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

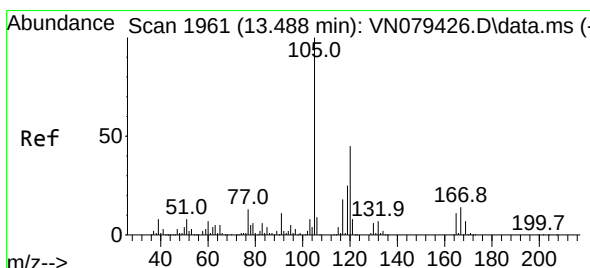
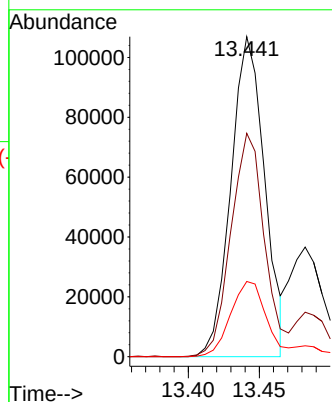
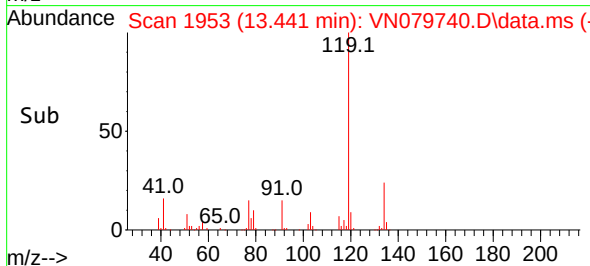
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



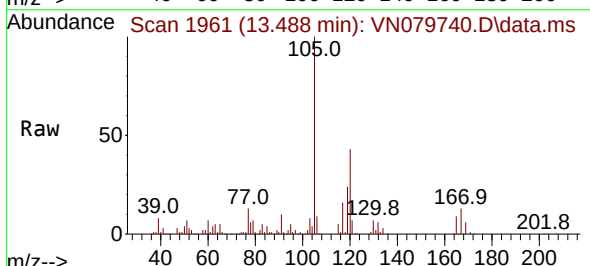
Tgt Ion:119 Resp: 176579
Ion Ratio Lower Upper
119 100
91 69.8 33.9 101.7
134 24.7 13.2 39.6

Manual Integrations
APPROVED

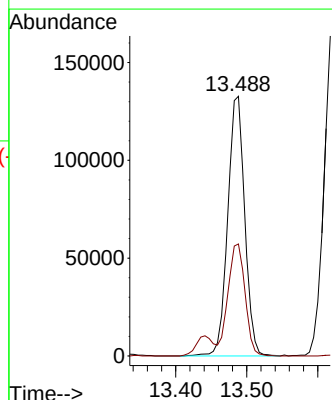
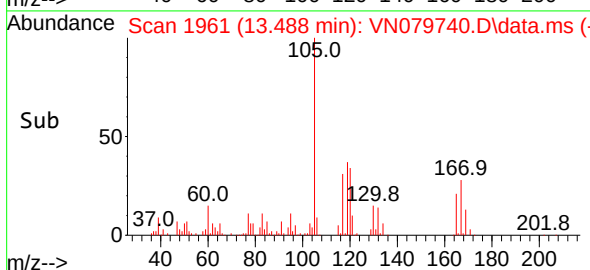
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

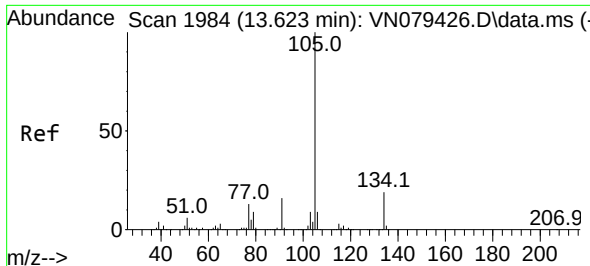


#84
1,2,4-Trimethylbenzene
Concen: 19.165 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



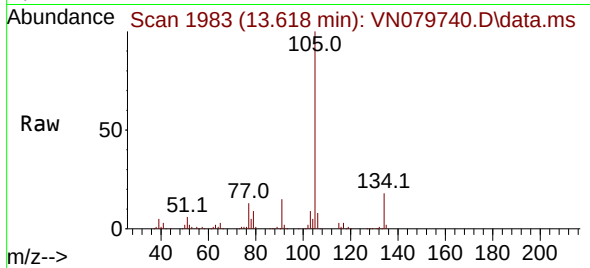
Tgt Ion:105 Resp: 220800
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.717 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079740.D
 Acq: 31 Oct 2023 13:34

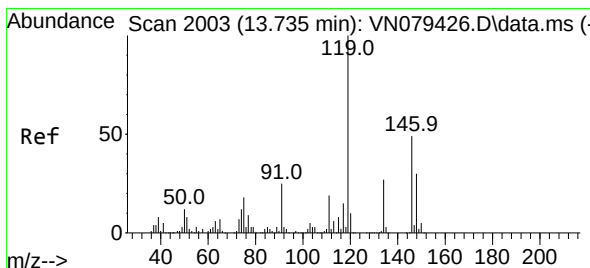
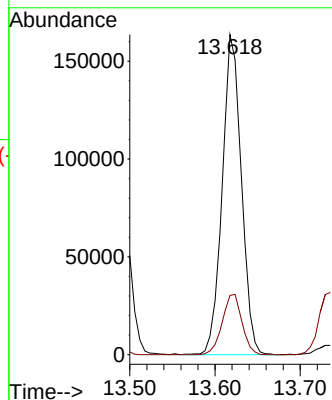
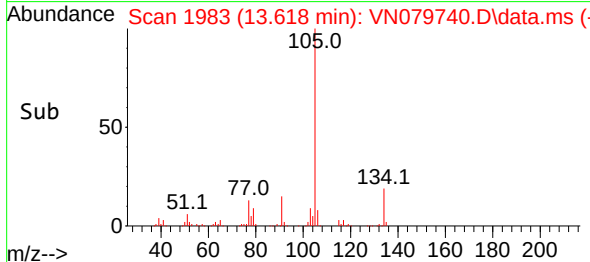
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS02



Tgt Ion:105 Resp: 25551
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

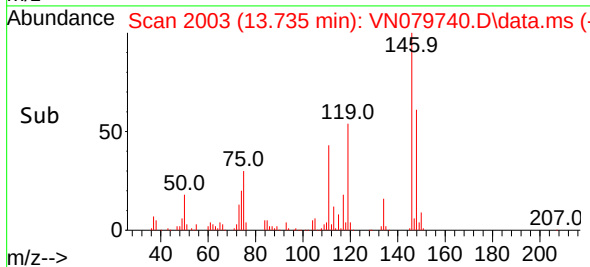
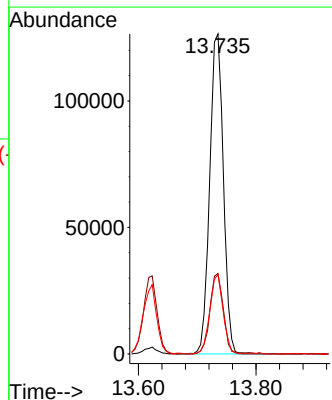
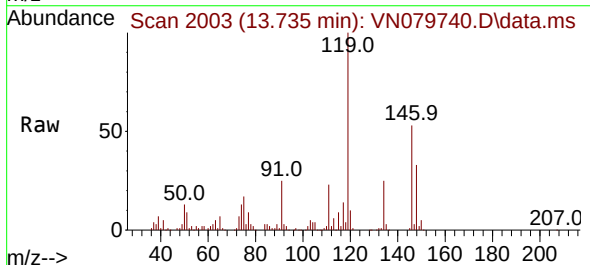
Manual Integrations
 APPROVED

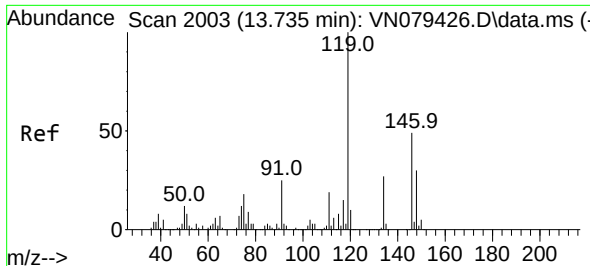
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#86
 p-Isopropyltoluene
 Concen: 18.772 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079740.D
 Acq: 31 Oct 2023 13:34

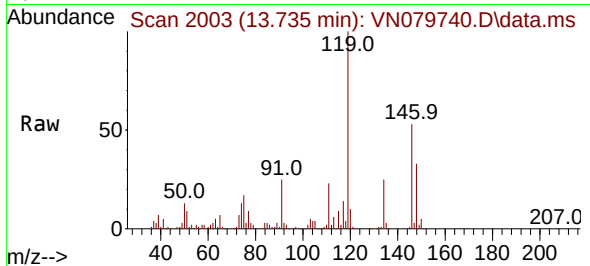
Tgt Ion:119 Resp: 204108
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 24.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.152 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

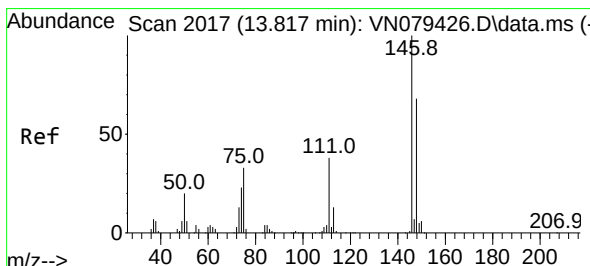
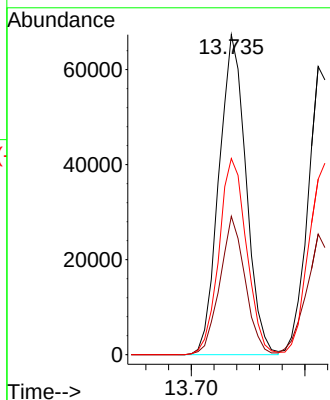
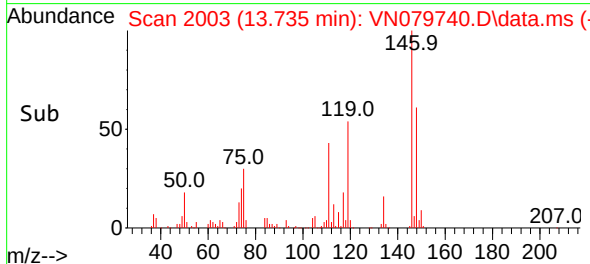
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



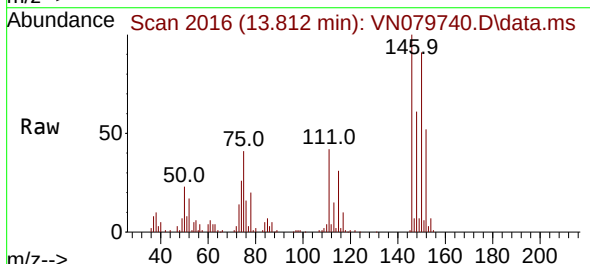
Tgt Ion:146 Resp: 111620
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.3
148 62.5 32.0 96.0

Manual Integrations
APPROVED

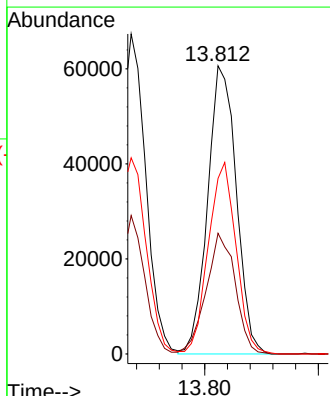
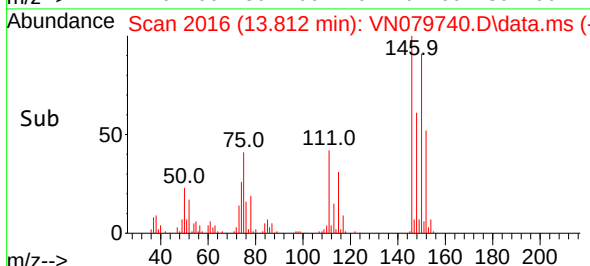
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

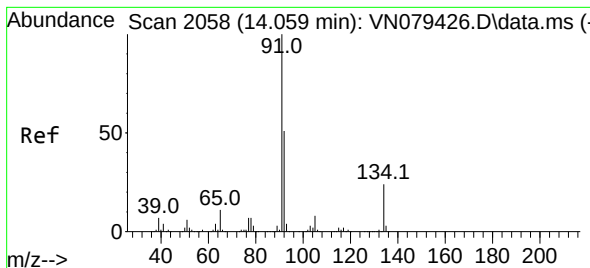


#88
1,4-Dichlorobenzene
Concen: 18.294 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.005 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion:146 Resp: 106220
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 17.839 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

Tgt Ion: 91 Resp: 154104

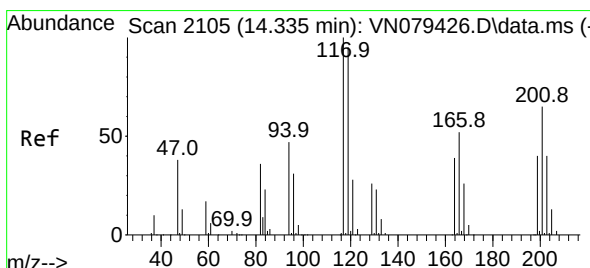
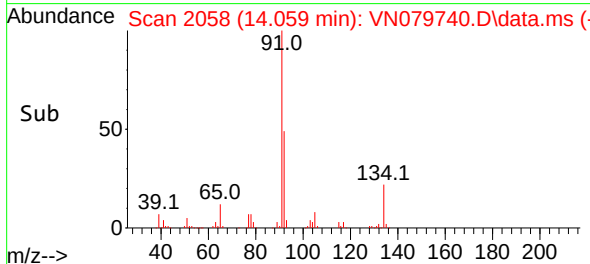
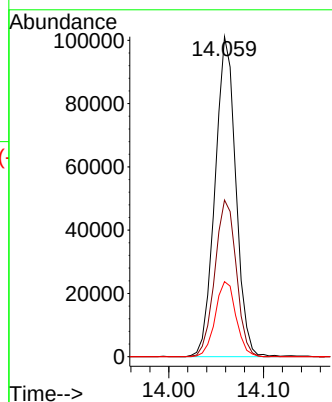
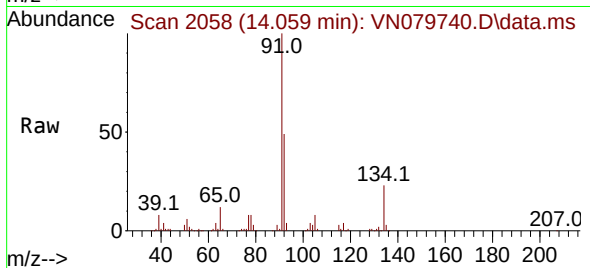
Ion	Ratio	Lower	Upper
91	100		
92	50.4	26.4	79.0
134	23.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#90

Hexachloroethane

Concen: 18.076 ug/l

RT: 14.335 min Scan# 2105

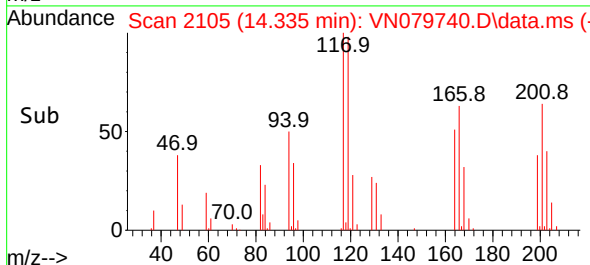
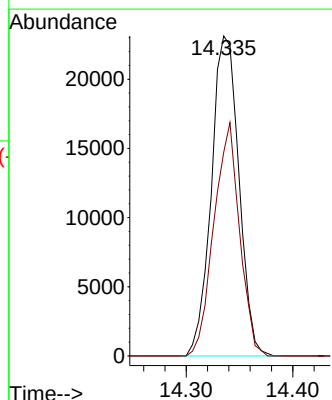
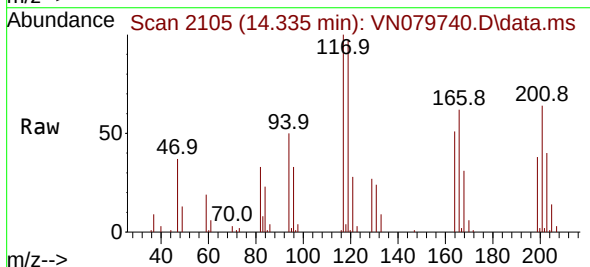
Delta R.T. 0.000 min

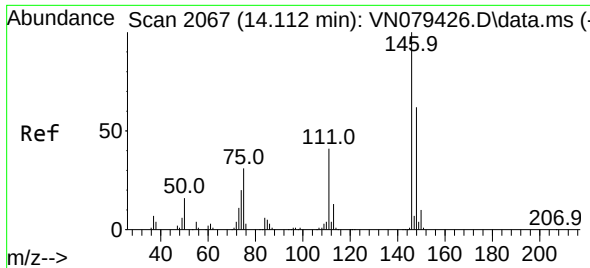
Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Tgt Ion:117 Resp: 41527

Ion	Ratio	Lower	Upper
117	100		
201	67.8	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 18.733 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

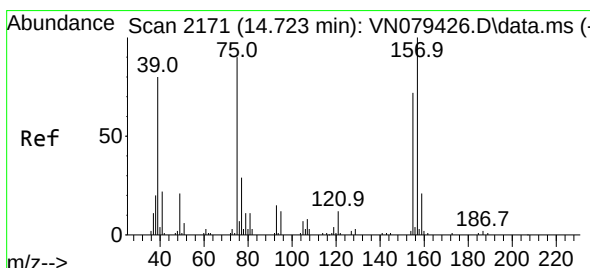
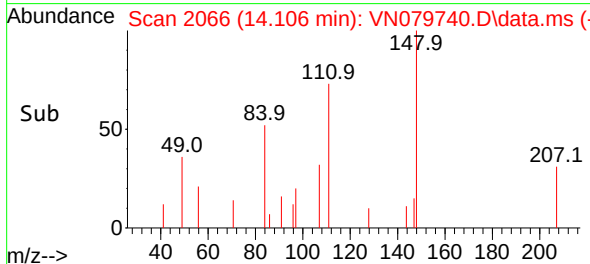
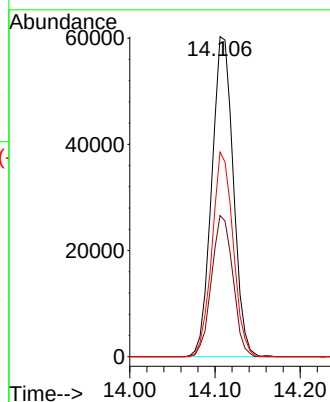
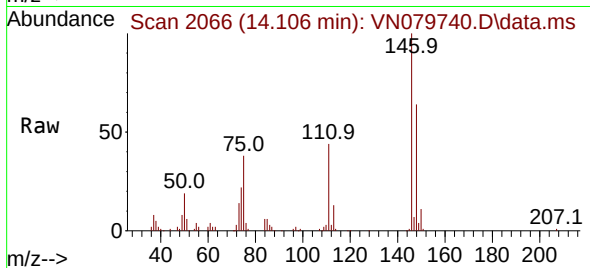
Tgt Ion:	146	Resp:	106190
Ion Ratio	Lower	Upper	
146	100		
111	43.6	22.0	66.0
148	62.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.027 ug/l

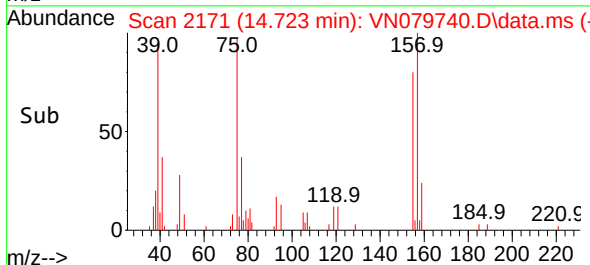
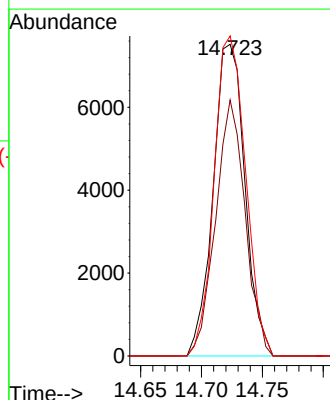
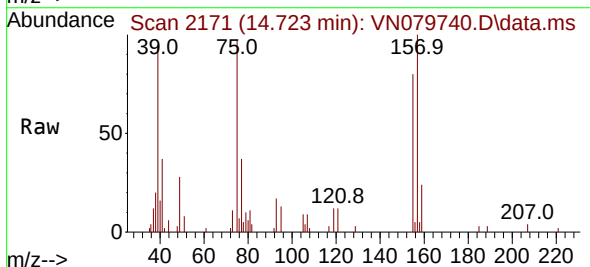
RT: 14.723 min Scan# 2171

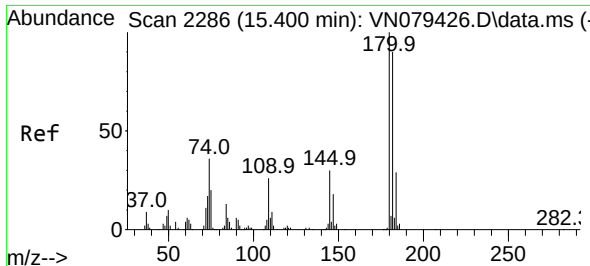
Delta R.T. 0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

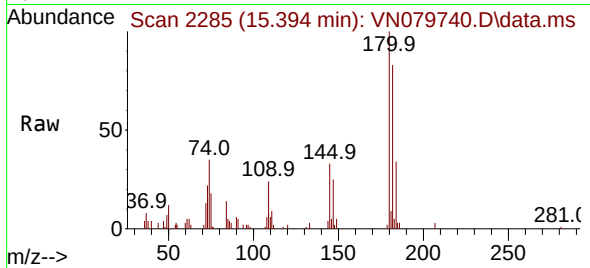
Tgt Ion:	75	Resp:	13620
Ion Ratio	Lower	Upper	
75	100		
155	76.6	39.1	117.2
157	101.6	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.881 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34

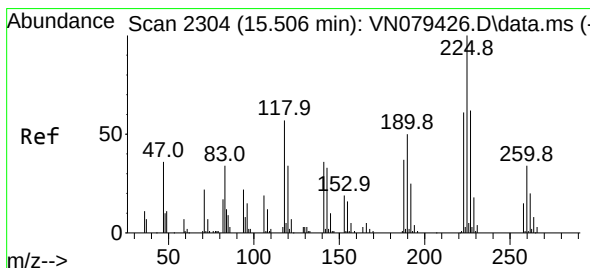
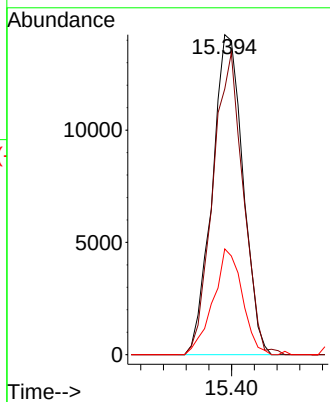
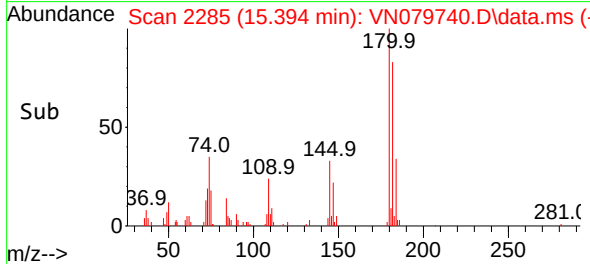
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS02



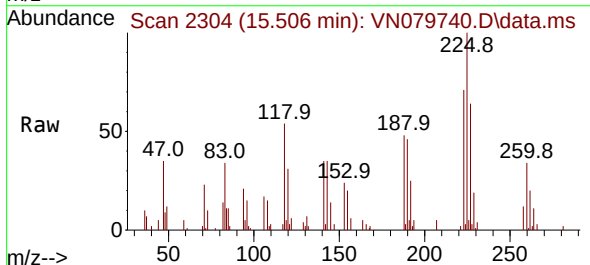
Tgt Ion:180 Resp: 2683
Ion Ratio Lower Upper
180 100
182 92.6 46.1 138.2
145 31.3 16.6 49.8

Manual Integrations
APPROVED

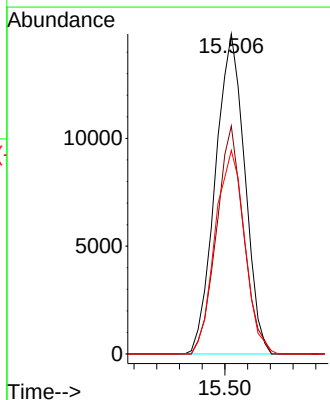
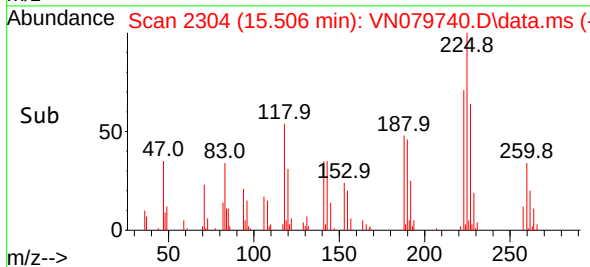
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

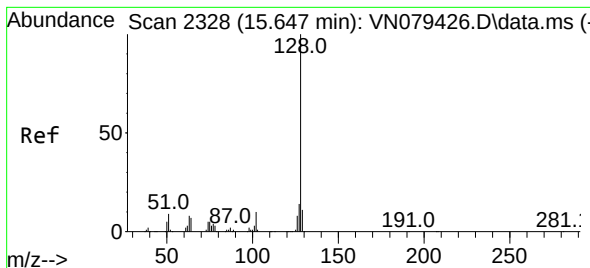


#94
Hexachlorobutadiene
Concen: 17.788 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079740.D
Acq: 31 Oct 2023 13:34



Tgt Ion:225 Resp: 26669
Ion Ratio Lower Upper
225 100
223 65.8 31.3 93.8
227 64.2 31.9 95.9





#95

Naphthalene

Concen: 13.765 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS02

Tgt Ion:128 Resp: 67529

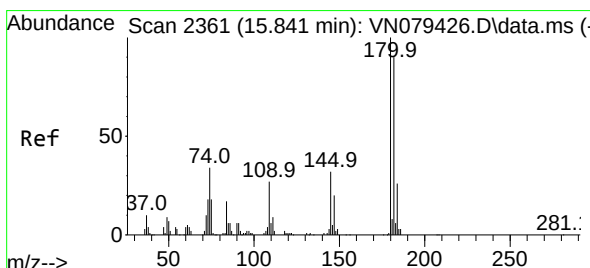
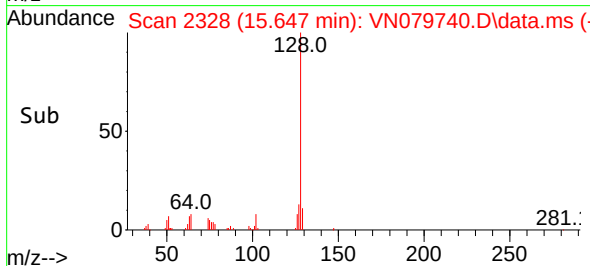
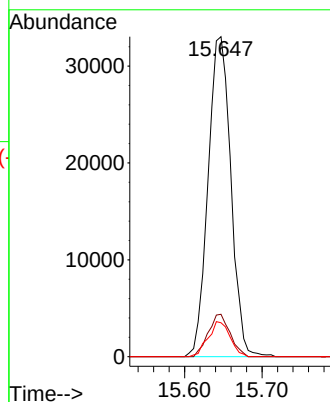
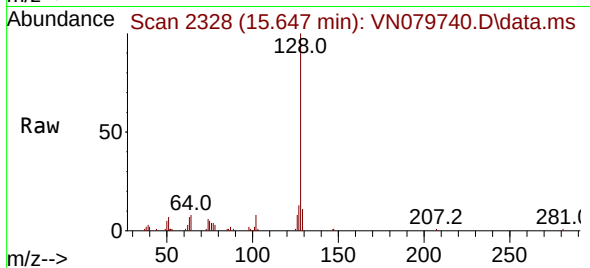
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.129 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079740.D

Acq: 31 Oct 2023 13:34

Tgt Ion:180 Resp: 30435

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.2	138.6
145	35.1	17.5	52.6

