

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079739.D
 Acq On : 31 Oct 2023 13:00
 Operator : JC\MD
 Sample : VN1031MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 01 01:17:36 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	271784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	480104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	439758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236496	54.186	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.380%			
35) Dibromofluoromethane	8.171	113	187114	54.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.080%			
50) Toluene-d8	10.571	98	701598	54.861	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.720%			
62) 4-Bromofluorobenzene	12.853	95	209130	51.928	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	68018	18.958	ug/l	97
3) Chloromethane	2.365	50	79402	18.268	ug/l	97
4) Vinyl Chloride	2.518	62	86684	18.519	ug/l	96
5) Bromomethane	2.959	94	59074	19.226	ug/l	97
6) Chloroethane	3.124	64	66641	19.434	ug/l	97
7) Trichlorofluoromethane	3.501	101	108606	19.731	ug/l	99
8) Diethyl Ether	3.965	74	36656	18.402	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	61898	19.415	ug/l	99
10) Methyl Iodide	4.595	142	63773	19.875	ug/l	92
11) Tert butyl alcohol	5.518	59	49533	85.564	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55288	18.515	ug/l	83
13) Acrolein	4.189	56	54474	93.544	ug/l	94
14) Allyl chloride	5.030	41	97767	19.523	ug/l #	89
15) Acrylonitrile	5.724	53	166863	93.672	ug/l	99
16) Acetone	4.430	43	152641	81.745	ug/l	93
17) Carbon Disulfide	4.712	76	164527	18.043	ug/l	98
18) Methyl Acetate	5.030	43	136973	18.182	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	188445	18.651	ug/l #	90
20) Methylene Chloride	5.283	84	71895	19.443	ug/l #	85
21) trans-1,2-Dichloroethene	5.795	96	63765	18.813	ug/l #	83
22) Diisopropyl ether	6.677	45	215223	19.117	ug/l #	90
23) Vinyl Acetate	6.606	43	560961	90.502	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	130563	19.353	ug/l	97
25) 2-Butanone	7.489	43	220651	86.026	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	100722	18.451	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	74062	18.978	ug/l	87
28) Bromochloromethane	7.818	49	70908	21.489	ug/l #	76
29) Tetrahydrofuran	7.847	42	142442	90.902	ug/l #	76
30) Chloroform	7.971	83	133063	19.588	ug/l	92
31) Cyclohexane	8.259	56	108461	18.215	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	112670	19.133	ug/l	95
36) 1,1-Dichloropropene	8.377	75	95927	18.849	ug/l	95
37) Ethyl Acetate	7.565	43	94791	18.791	ug/l #	90
38) Carbon Tetrachloride	8.365	117	97037	19.120	ug/l	99
39) Methylcyclohexane	9.600	83	90664	17.910	ug/l #	84
40) Benzene	8.612	78	294311	19.594	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	48799	18.548	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	106853	19.586	ug/l	99
43) Isopropyl Acetate	8.694	43	146534	18.170	ug/l #	90
44) Trichloroethene	9.359	130	67961	18.678	ug/l	98
45) 1,2-Dichloropropane	9.624	63	76726	19.232	ug/l	99
46) Dibromomethane	9.712	93	50875	18.908	ug/l	94
47) Bromodichloromethane	9.894	83	103245	19.128	ug/l	98
48) Methyl methacrylate	9.683	41	67116	17.951	ug/l #	82
49) 1,4-Dioxane	9.700	88	22447	341.170	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	450876	89.853	ug/l	88
52) Toluene	10.635	92	180741	19.710	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	100711	18.477	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	111049	18.622	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	70280	19.379	ug/l	98
56) Ethyl methacrylate	10.877	69	92918	18.142	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	119885	18.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	156751	83.073	ug/l #	88
59) 2-Hexanone	11.200	43	320072	86.750	ug/l	85
60) Dibromochloromethane	11.359	129	71502	19.054	ug/l	100
61) 1,2-Dibromoethane	11.471	107	68499	18.958	ug/l	99
64) Tetrachloroethene	11.106	164	59689	19.133	ug/l	94
65) Chlorobenzene	11.894	112	179144	18.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	67111	18.556	ug/l	98
67) Ethyl Benzene	11.965	91	312915	18.248	ug/l	97
68) m/p-Xylenes	12.076	106	234572	36.985	ug/l	93
69) o-Xylene	12.400	106	110563	18.129	ug/l	93
70) Styrene	12.418	104	181579	18.587	ug/l	97
71) Bromoform	12.582	173	46095	17.794	ug/l #	99
73) Isopropylbenzene	12.700	105	278557	17.801	ug/l	100
74) N-amyl acetate	12.494	43	104984	16.868	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	97616	17.620	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	85738m	18.277	ug/l	
77) Bromobenzene	12.988	156	66523	18.077	ug/l	94
78) n-propylbenzene	13.035	91	329207	18.263	ug/l	96
79) 2-Chlorotoluene	13.129	91	200881	17.878	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	234681	18.398	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	26391	16.970	ug/l #	80
82) 4-Chlorotoluene	13.223	91	197580	18.307	ug/l	98
83) tert-Butylbenzene	13.441	119	185745	17.768	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	225111	18.293	ug/l	99
85) sec-Butylbenzene	13.623	105	266156	18.253	ug/l	98
86) p-Isopropyltoluene	13.735	119	211896	18.245	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	111374	17.890	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	111948	18.050	ug/l	98
89) n-Butylbenzene	14.059	91	159479	17.284	ug/l	95
90) Hexachloroethane	14.335	117	44755	18.238	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	107865	17.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13999	16.385	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	26268	14.554	ug/l	92
94) Hexachlorobutadiene	15.500	225	27471	17.154	ug/l	98
95) Naphthalene	15.647	128	61357	11.710	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	28619	14.200	ug/l	100

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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

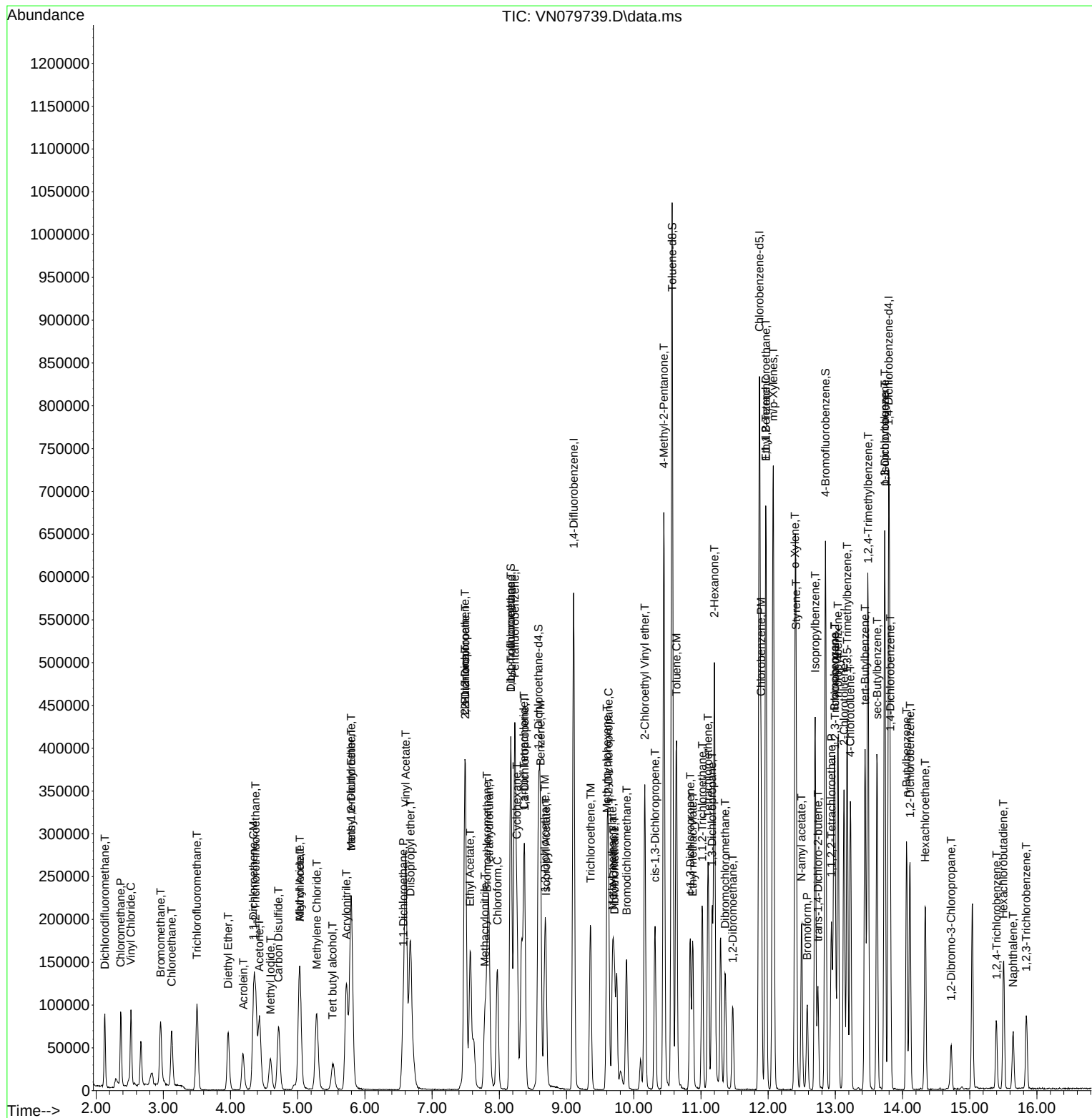
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
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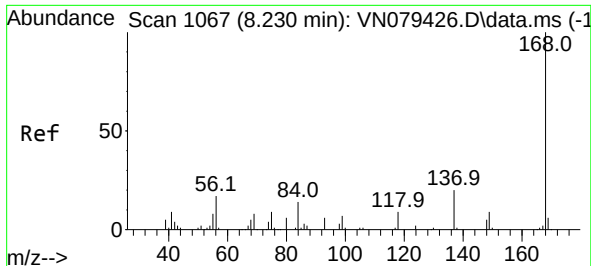
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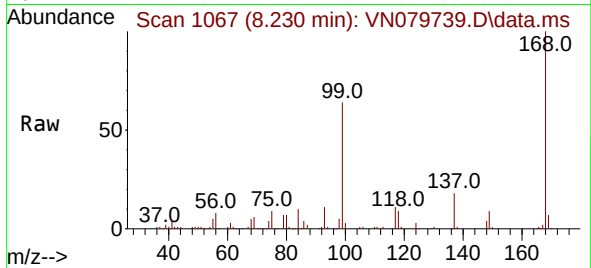
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

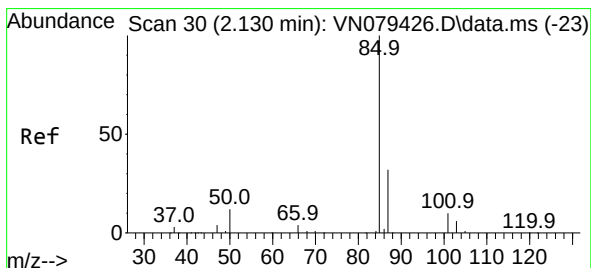
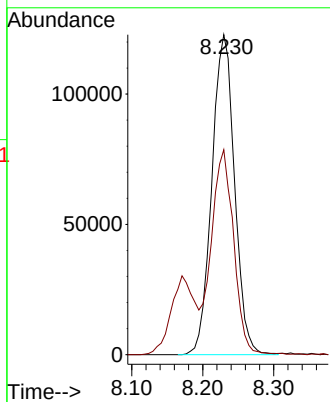
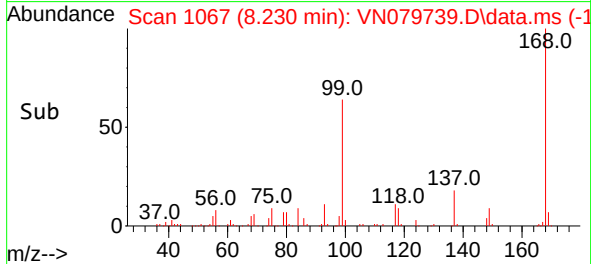
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 271784
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6

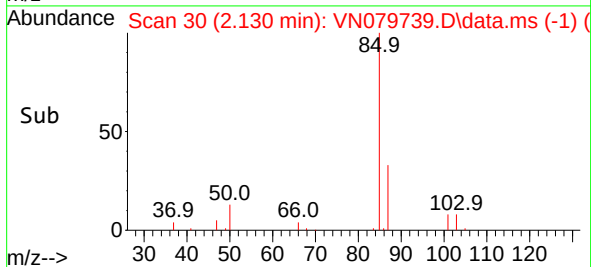
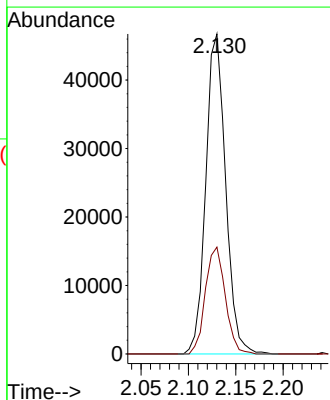
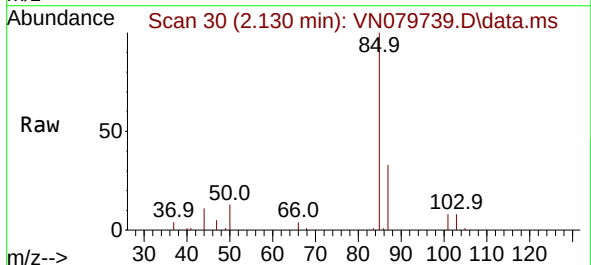
Manual Integrations
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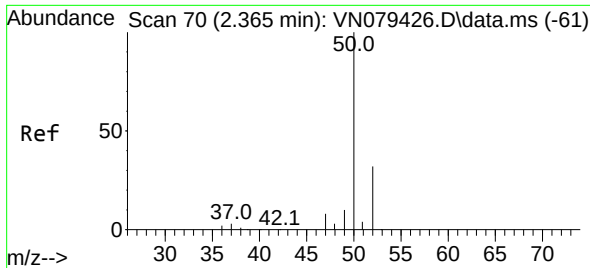
Reviewed By :John Carlone 11/01/2023
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#2
Dichlorodifluoromethane
Concen: 18.958 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion: 85 Resp: 68018
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





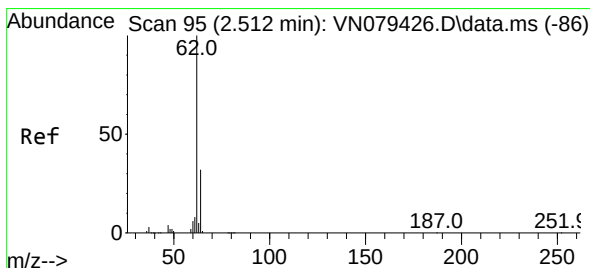
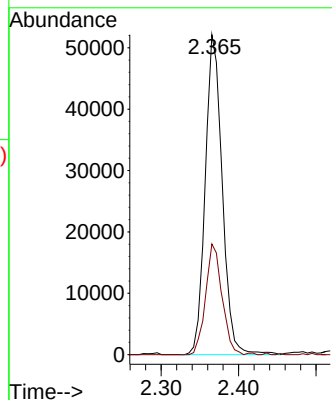
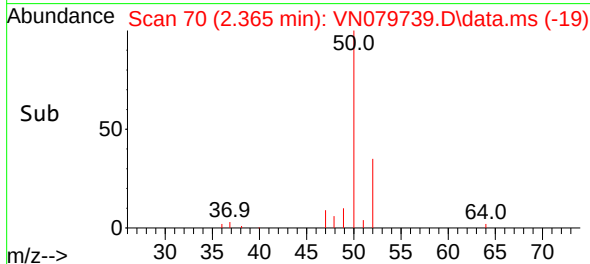
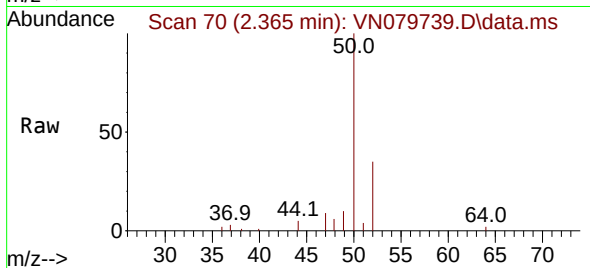
#3
Chloromethane
Concen: 18.268 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
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ClientSampleId :
VN1031MBS01

Tgt Ion: 50 Resp: 7940
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

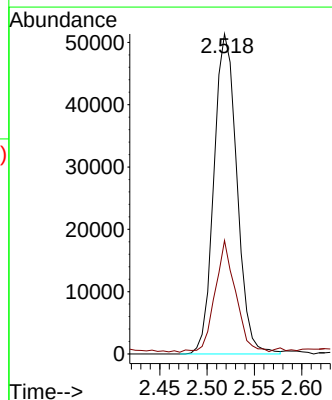
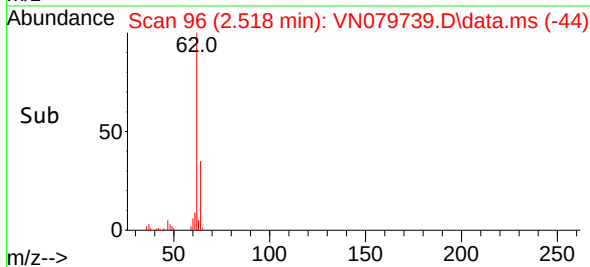
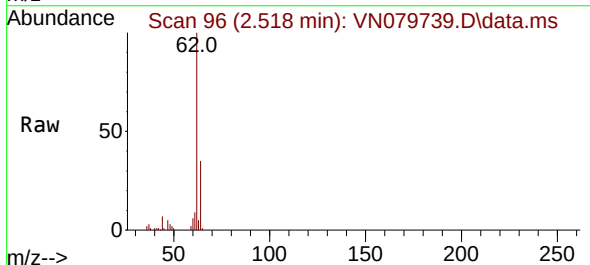
Manual Integrations
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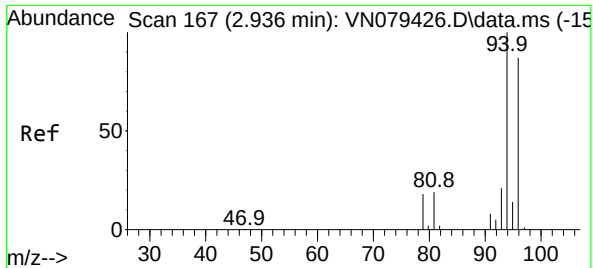
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#4
Vinyl Chloride
Concen: 18.519 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

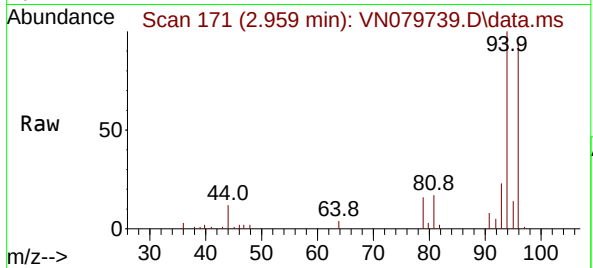
Tgt Ion: 62 Resp: 86684
Ion Ratio Lower Upper
62 100
64 34.9 26.2 39.2





#5
Bromomethane
Concen: 19.226 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

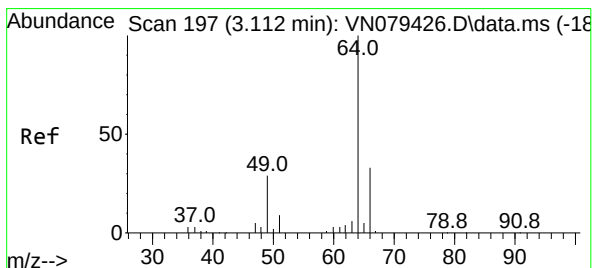
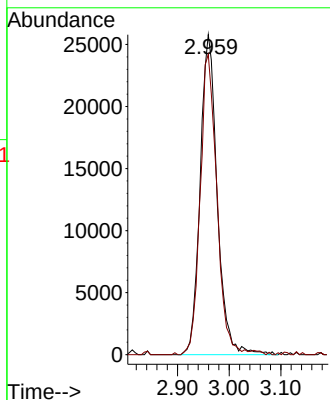
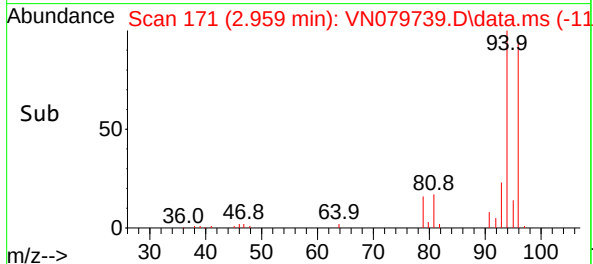
Instrument :
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Tgt Ion: 94 Resp: 59074
Ion Ratio Lower Upper
94 100
96 93.8 73.1 109.7

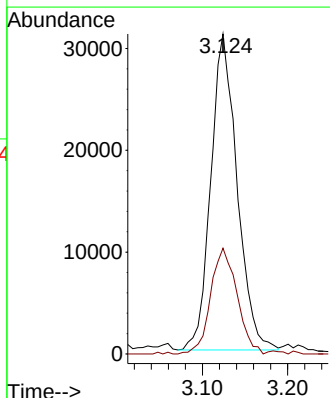
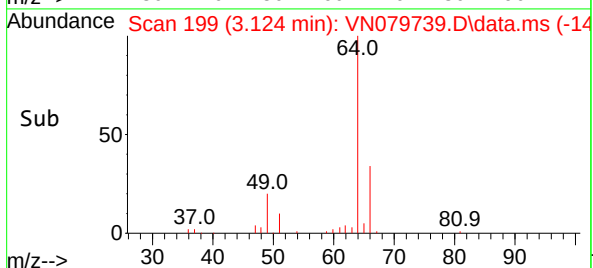
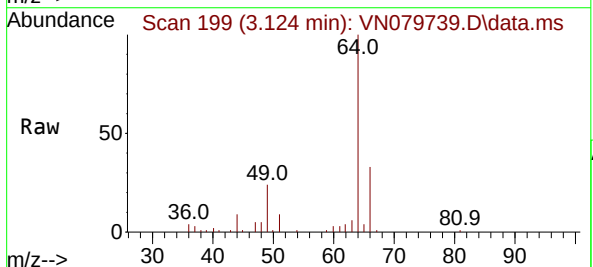
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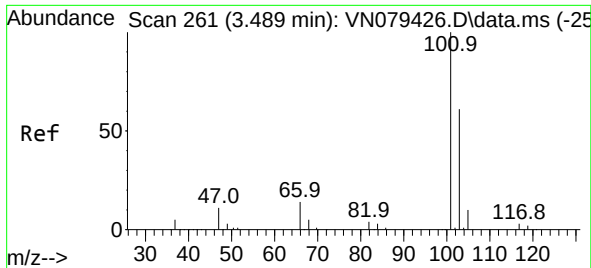
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#6
Chloroethane
Concen: 19.434 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion: 64 Resp: 66641
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2





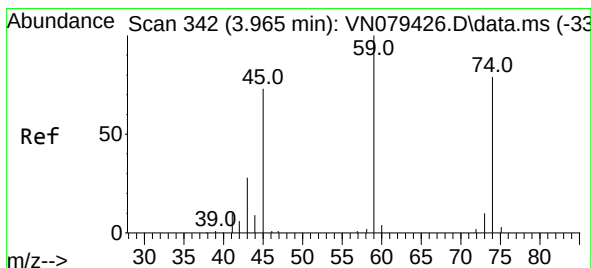
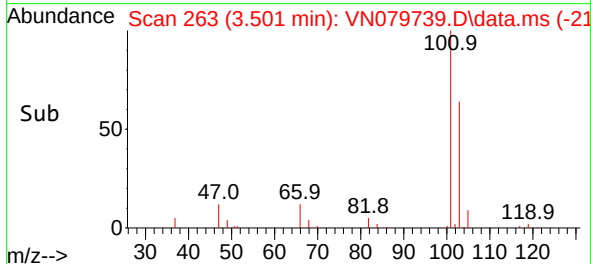
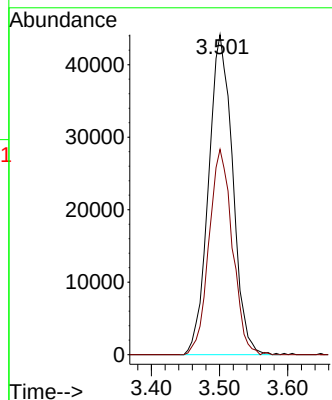
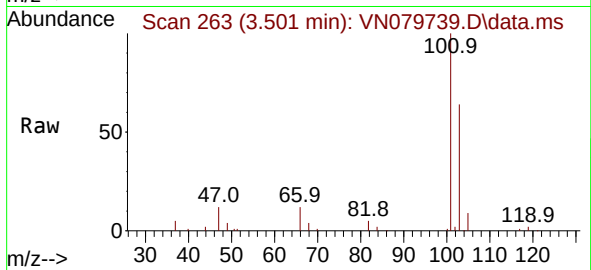
#7
Trichlorofluoromethane
Concen: 19.731 ug/l
RT: 3.501 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 108600
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1

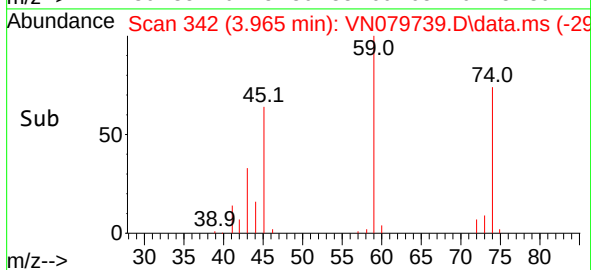
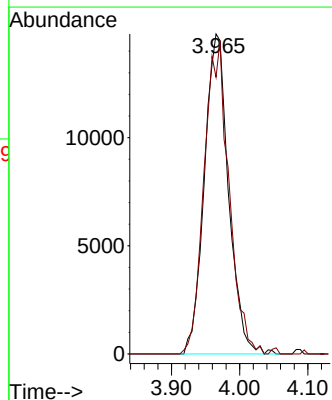
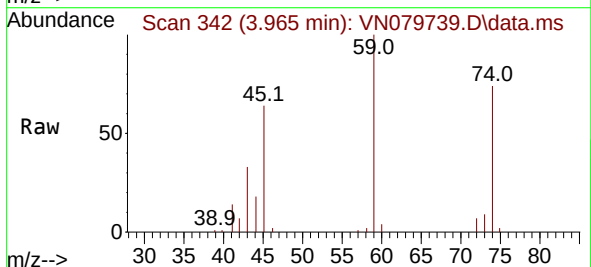
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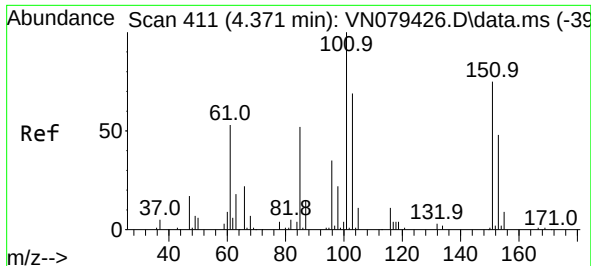
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#8
Diethyl Ether
Concen: 18.402 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion: 74 Resp: 36656
Ion Ratio Lower Upper
74 100
45 99.9 34.4 103.3





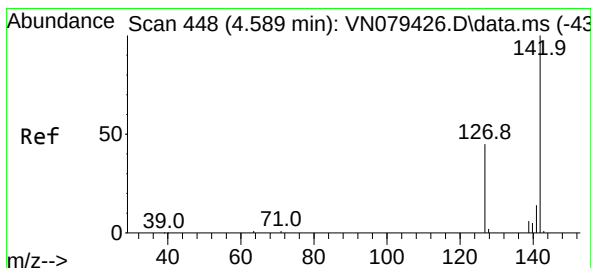
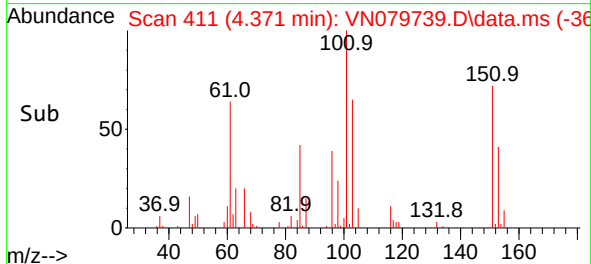
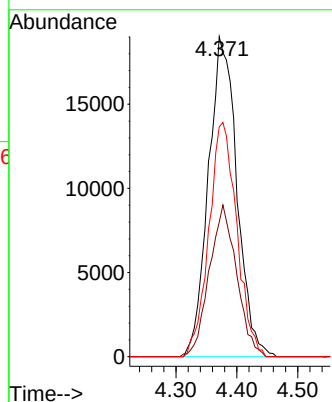
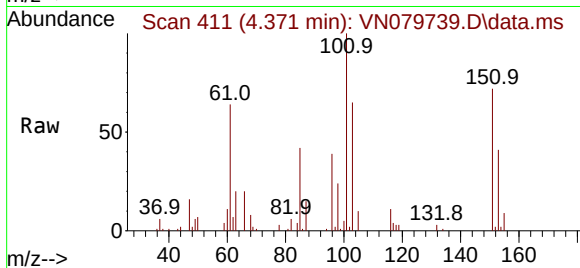
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.415 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion:101 Resp: 61898
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 71.6 57.6 86.4

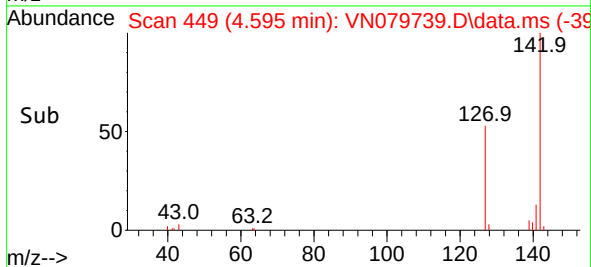
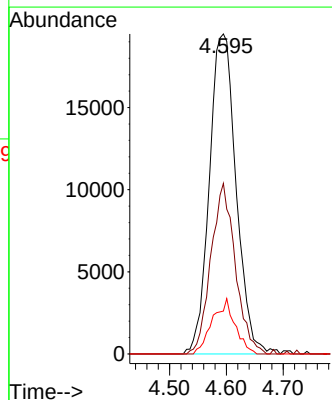
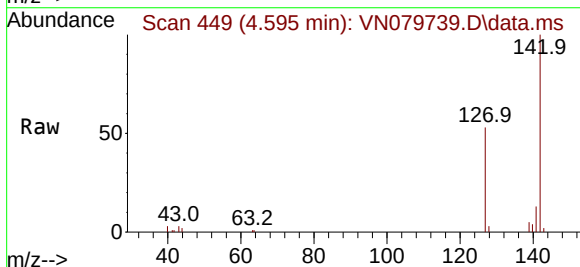
Manual Integrations
APPROVED

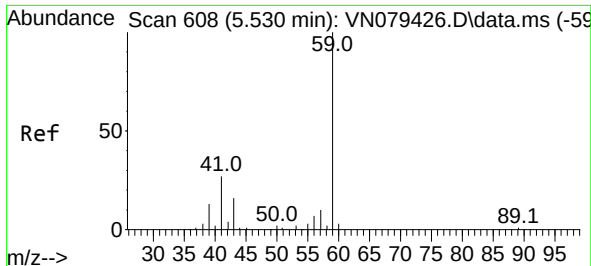
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#10
Methyl Iodide
Concen: 19.875 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion:142 Resp: 63773
Ion Ratio Lower Upper
142 100
127 53.3 37.6 56.4
141 13.4 11.4 17.0





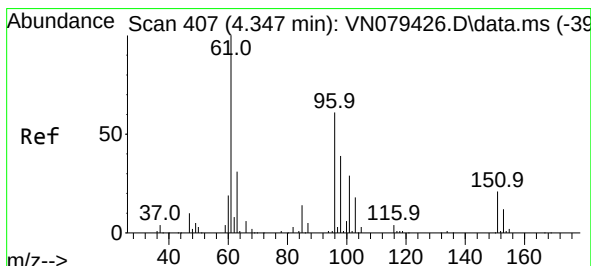
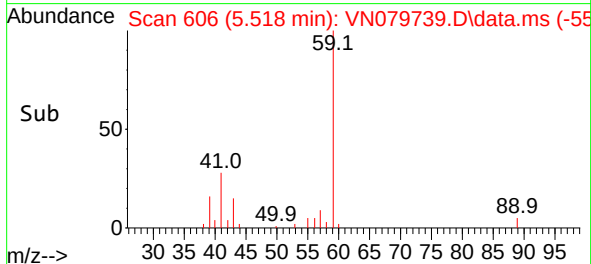
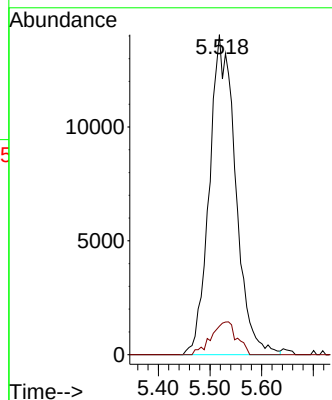
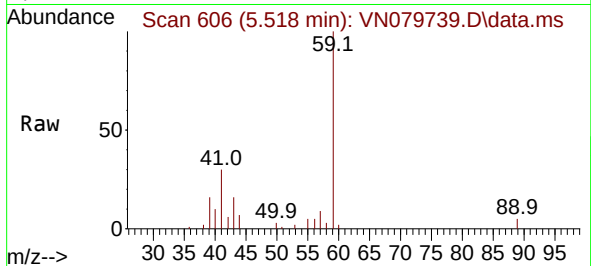
#11
Tert butyl alcohol
Concen: 85.564 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 59 Resp: 4953
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

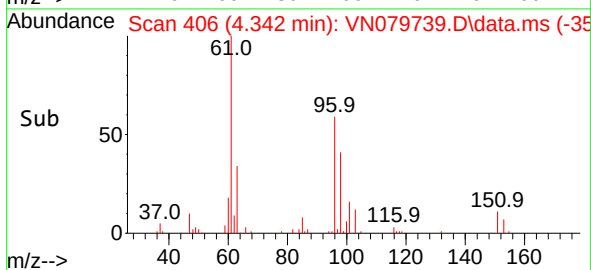
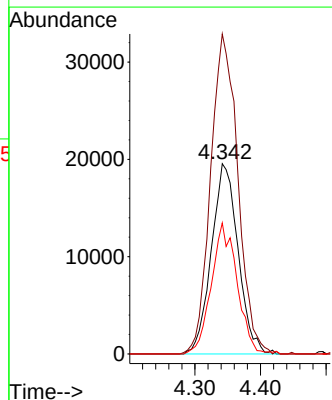
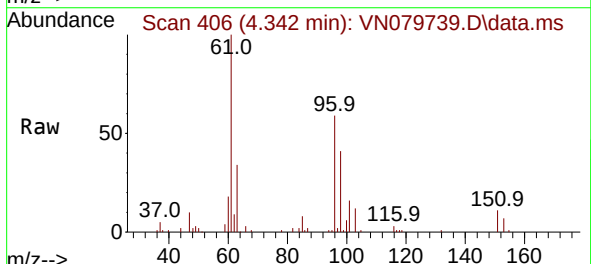
Manual Integrations
APPROVED

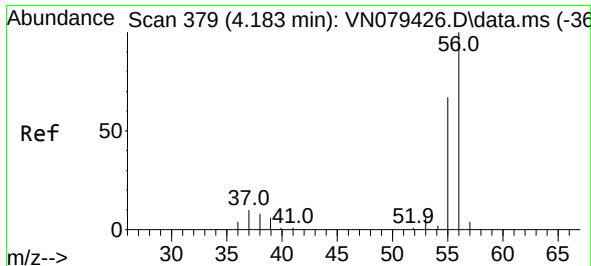
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#12
1,1-Dichloroethene
Concen: 18.515 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion: 96 Resp: 55288
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 68.9 51.2 76.8





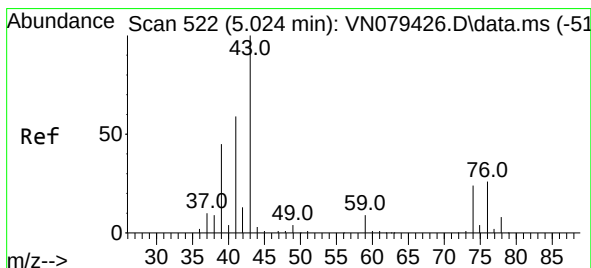
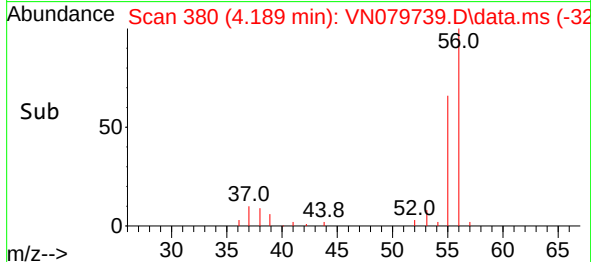
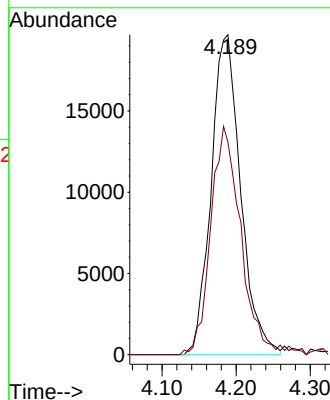
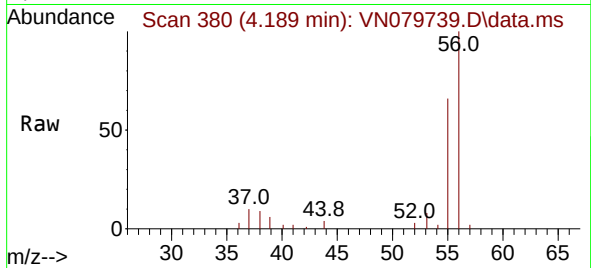
#13
Acrolein
Concen: 93.544 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 56 Resp: 54474
Ion Ratio Lower Upper
56 100
55 73.1 54.5 81.7

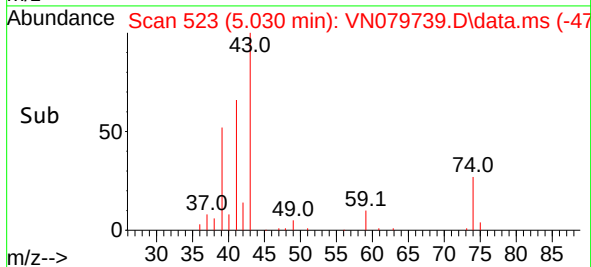
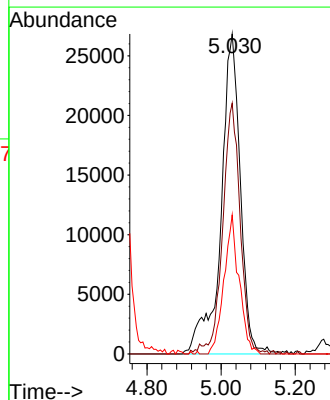
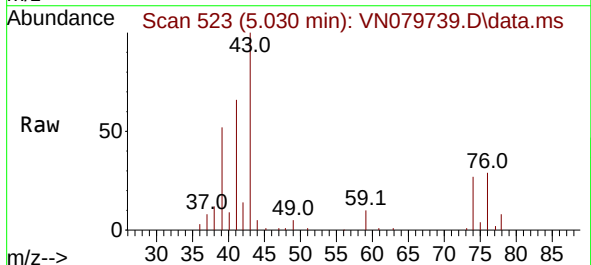
Manual Integrations
APPROVED

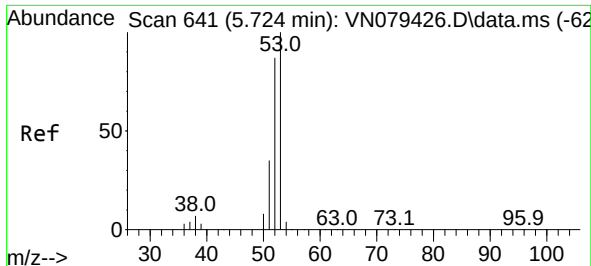
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#14
Allyl chloride
Concen: 19.523 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

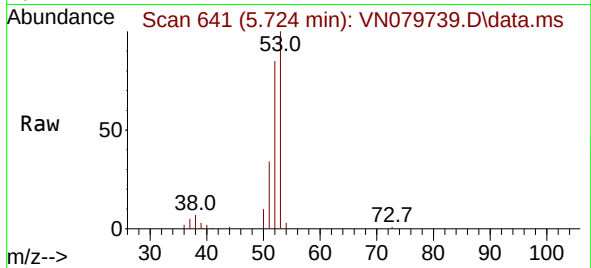
Tgt Ion: 41 Resp: 97767
Ion Ratio Lower Upper
41 100
39 70.5 58.8 88.2
76 33.8 39.1 58.7#





#15
Acrylonitrile
Concen: 93.672 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

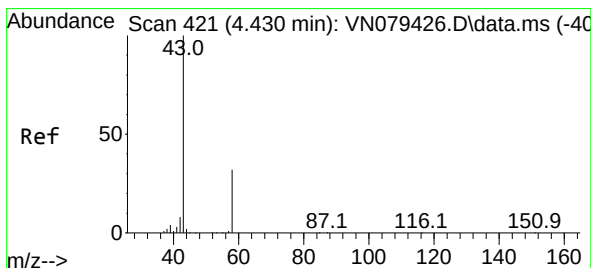
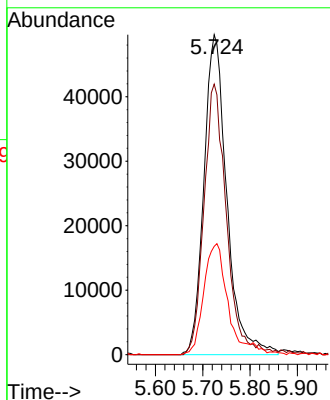
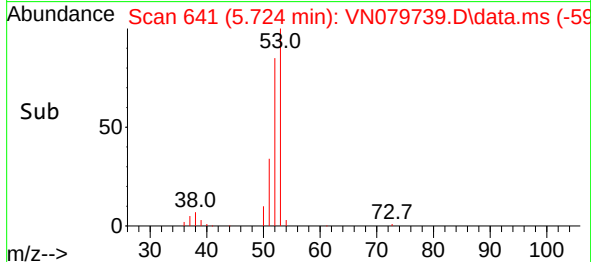
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



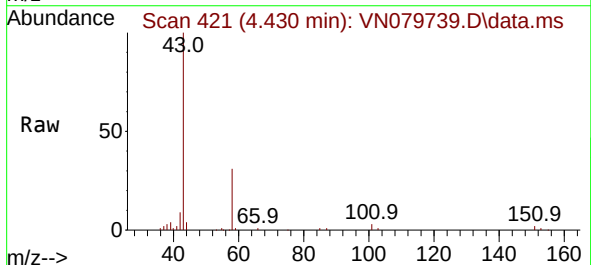
Tgt Ion: 53 Resp: 16686
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
APPROVED

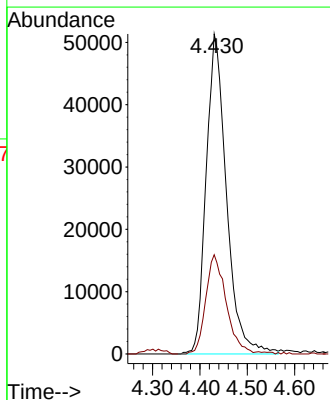
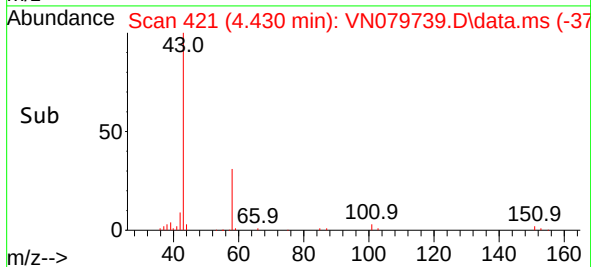
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

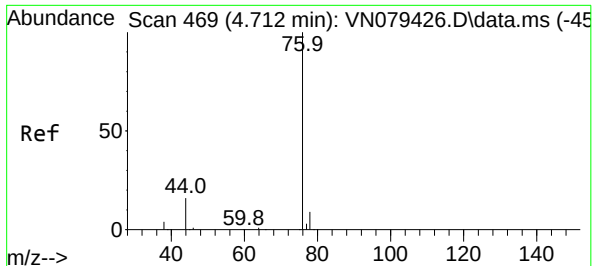


#16
Acetone
Concen: 81.745 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



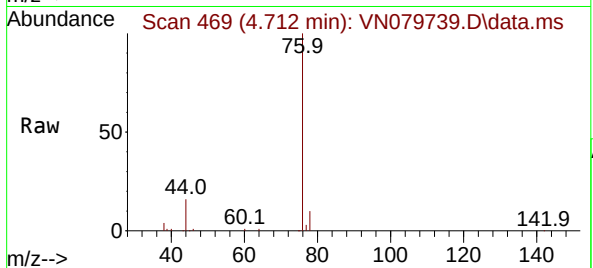
Tgt Ion: 43 Resp: 152641
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0





#17
Carbon Disulfide
Concen: 18.043 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

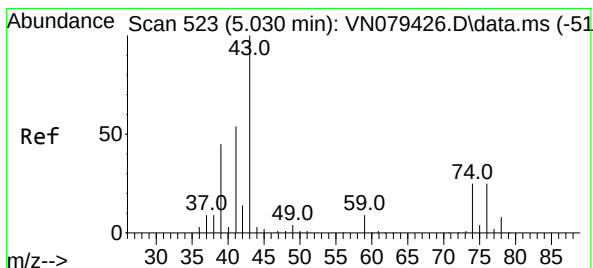
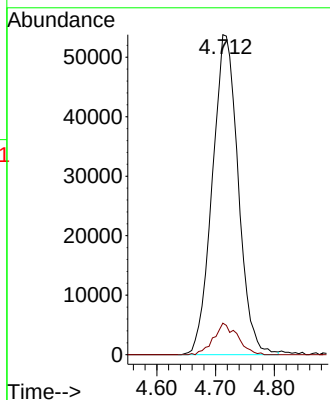
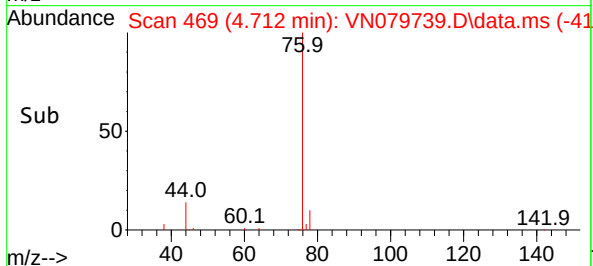
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



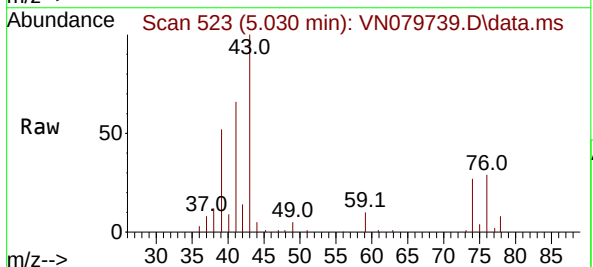
Tgt Ion: 76 Resp: 16452
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

Manual Integrations
APPROVED

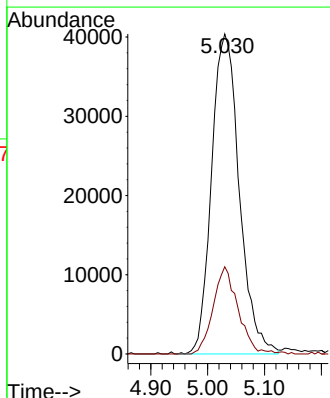
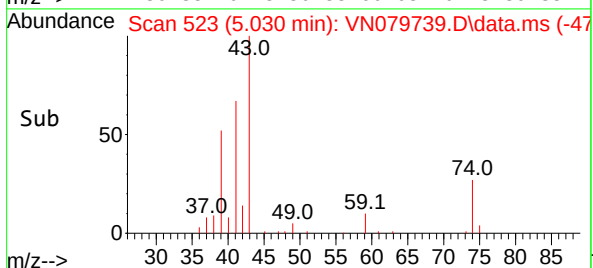
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

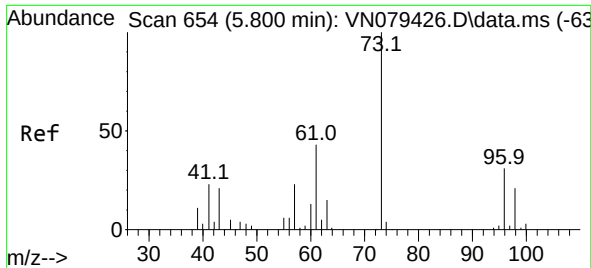


#18
Methyl Acetate
Concen: 18.182 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



Tgt Ion: 43 Resp: 136973
Ion Ratio Lower Upper
43 100
74 24.6 26.2 39.4#





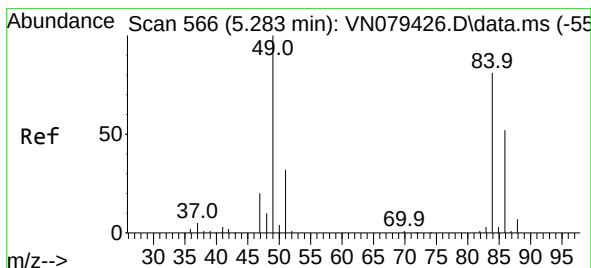
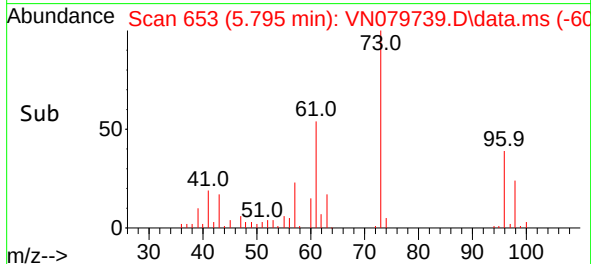
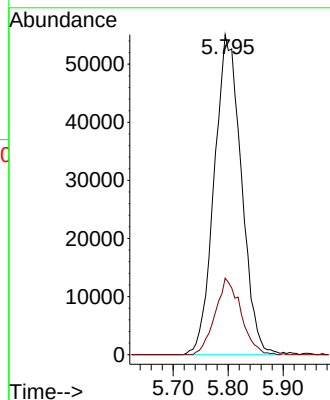
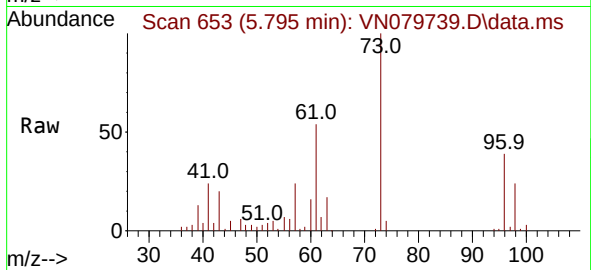
#19
Methyl tert-butyl Ether
Concen: 18.651 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 73 Resp: 18844
Ion Ratio Lower Upper
73 100
57 23.9 15.6 23.4

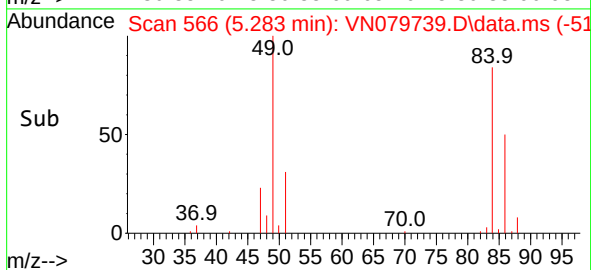
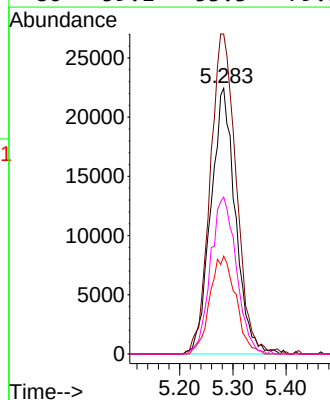
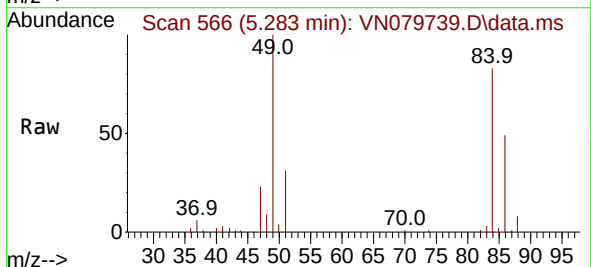
Manual Integrations
APPROVED

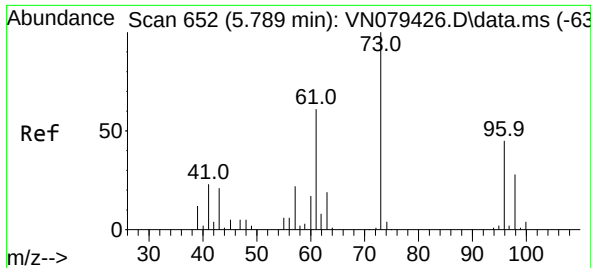
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#20
Methylene Chloride
Concen: 19.443 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion: 84 Resp: 71895
Ion Ratio Lower Upper
84 100
49 120.3 79.7 119.5#
51 36.8 25.2 37.8
86 59.1 53.3 79.9





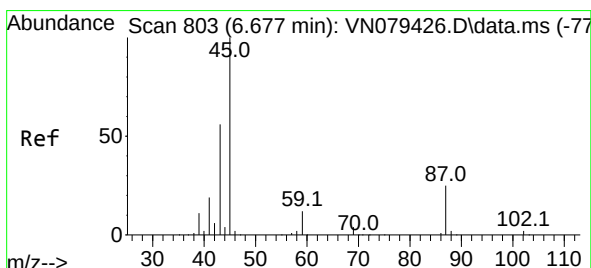
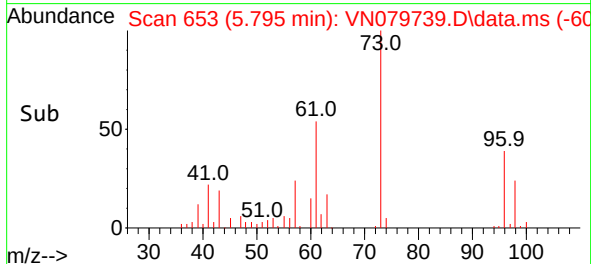
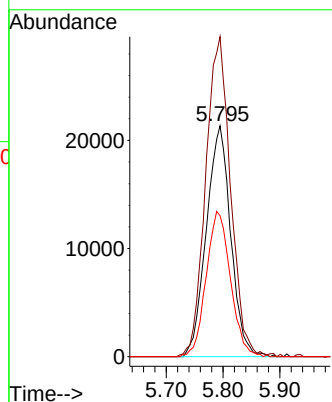
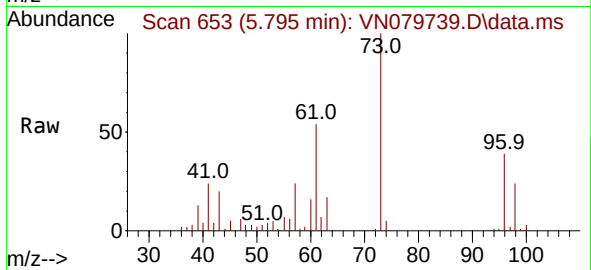
#21
trans-1,2-Dichloroethene
Concen: 18.813 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 96 Resp: 6376
Ion Ratio Lower Upper
96 100
61 137.8 90.1 135.1
98 61.1 46.4 69.6

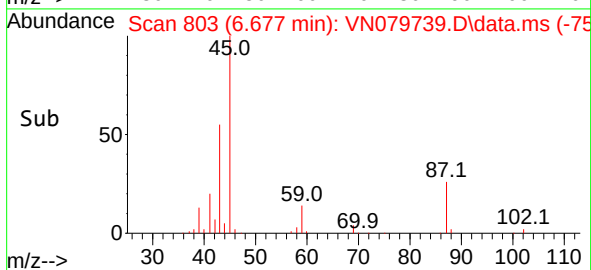
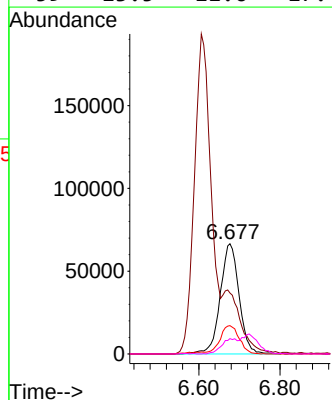
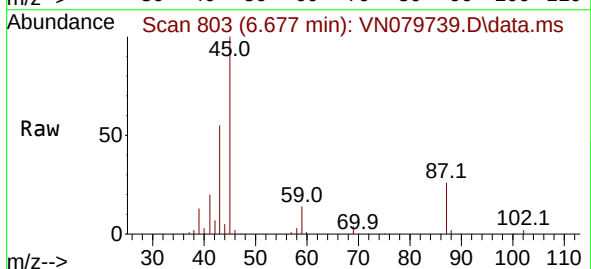
Manual Integrations
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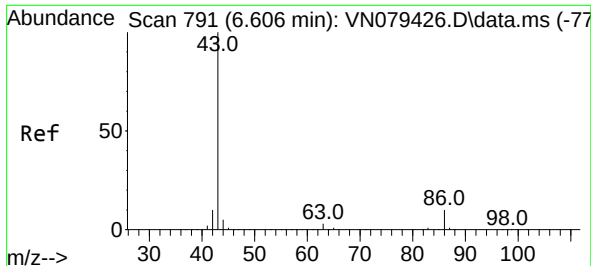
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#22
Diisopropyl ether
Concen: 19.117 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion: 45 Resp: 215223
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 25.8 31.8 47.8#
59 13.5 11.6 17.4





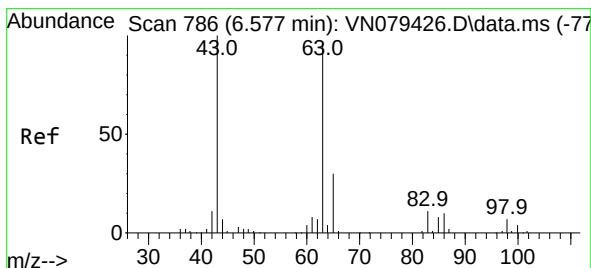
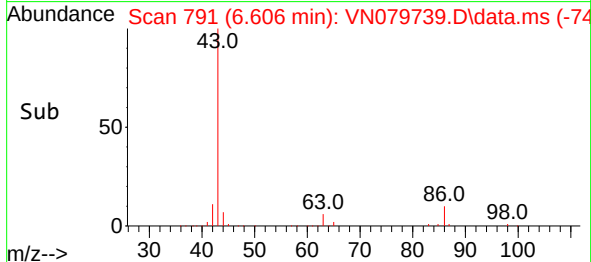
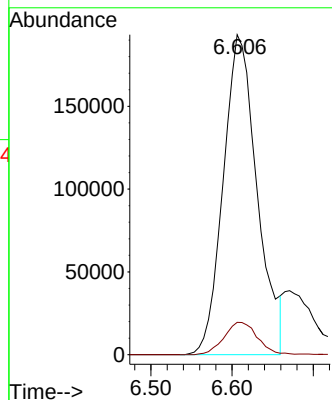
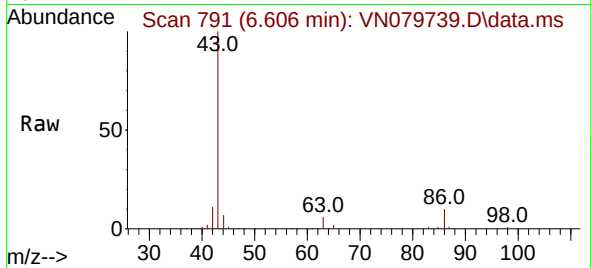
#23
 Vinyl Acetate
 Concen: 90.502 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079739.D
 Acq: 31 Oct 2023 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Tgt Ion: 43 Resp: 56096
 Ion Ratio Lower Upper
 43 100
 86 10.1 13.0 19.6

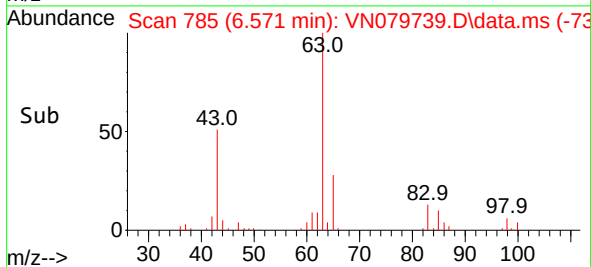
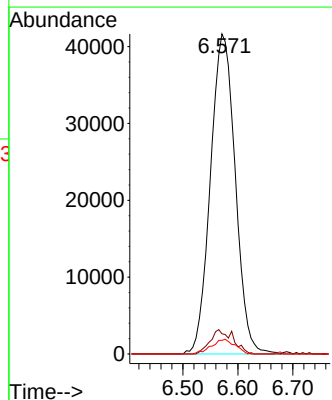
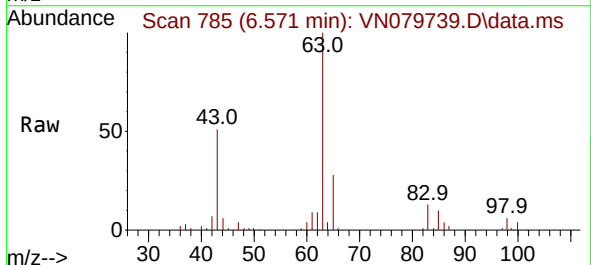
Manual Integrations
 APPROVED

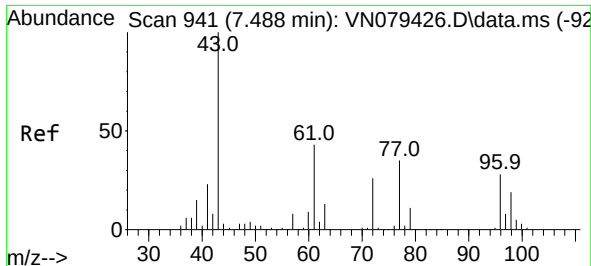
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#24
 1,1-Dichloroethane
 Concen: 19.353 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079739.D
 Acq: 31 Oct 2023 13:00

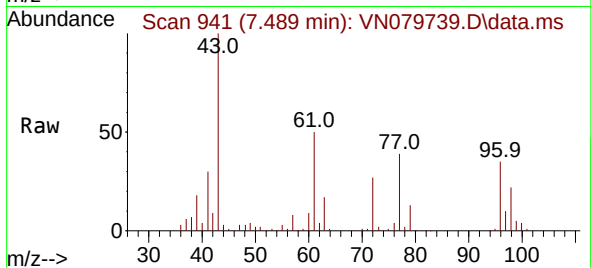
Tgt Ion: 63 Resp: 130563
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 86.026 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

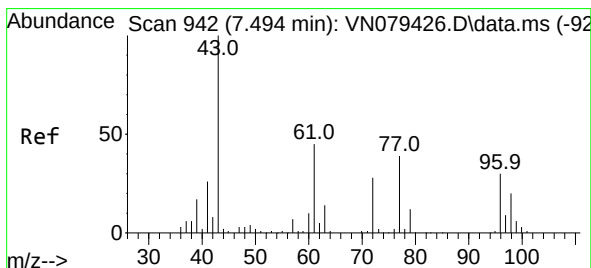
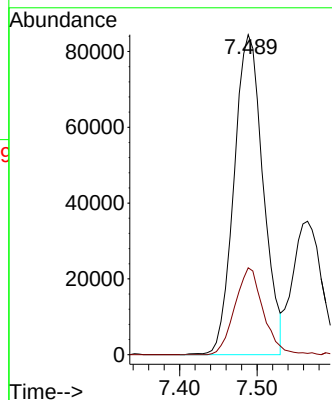
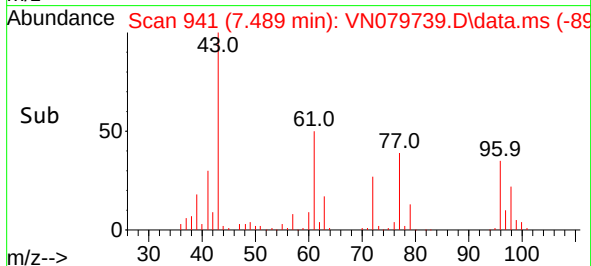
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 43 Resp: 22065
Ion Ratio Lower Upper
43 100
72 27.1 30.2 45.2

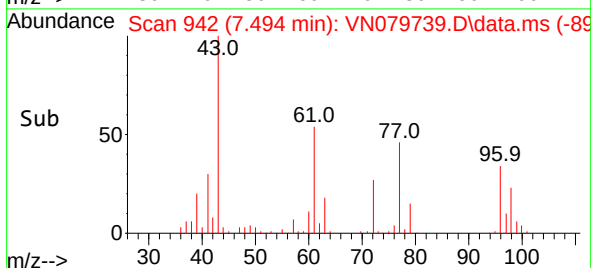
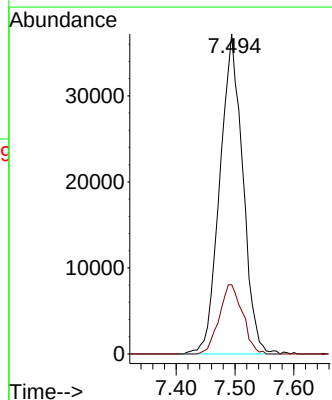
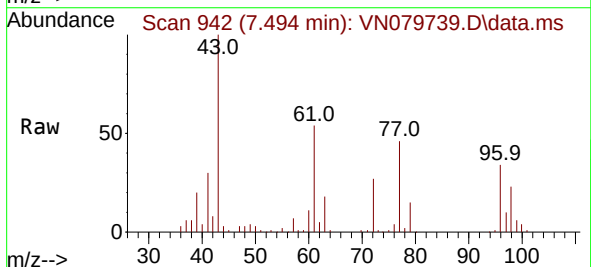
Manual Integrations
APPROVED

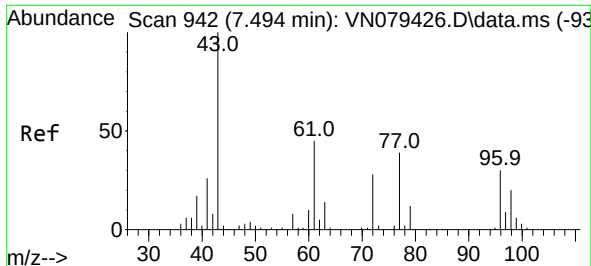
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#26
2,2-Dichloropropane
Concen: 18.451 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

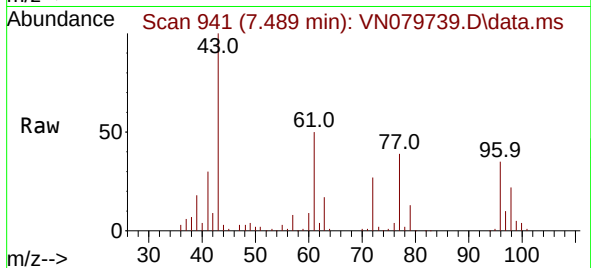
Tgt Ion: 77 Resp: 100722
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.978 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN079739.D
 Acq: 31 Oct 2023 13:00

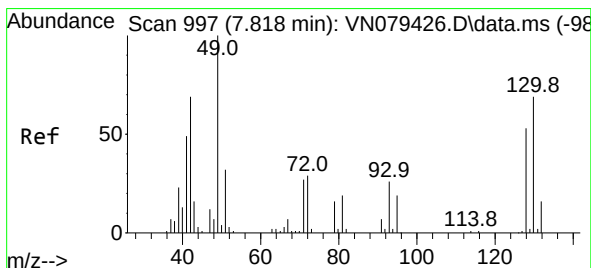
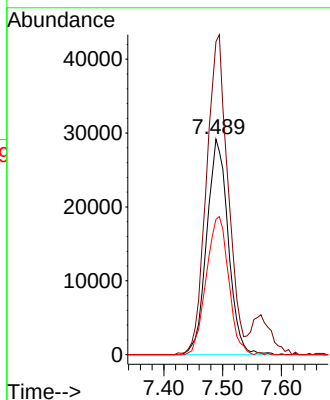
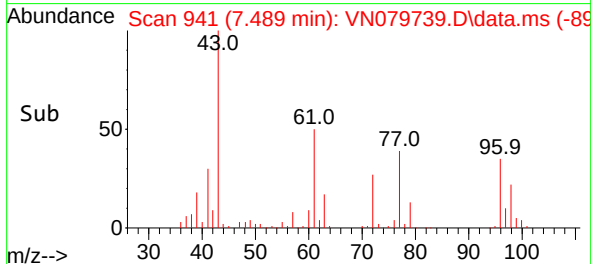
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01



Tgt Ion: 96 Resp: 74062
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 255.2
 98 66.5 0.0 128.8

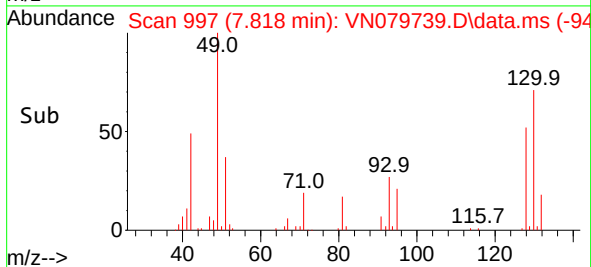
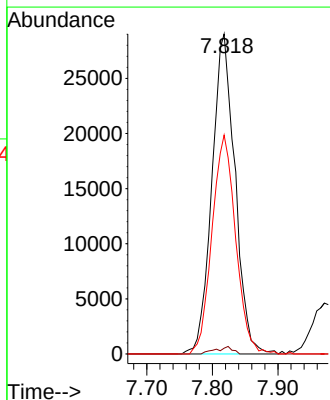
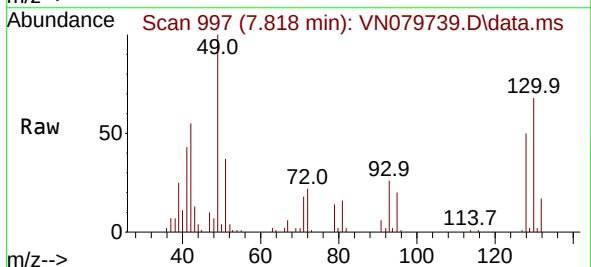
Manual Integrations
 APPROVED

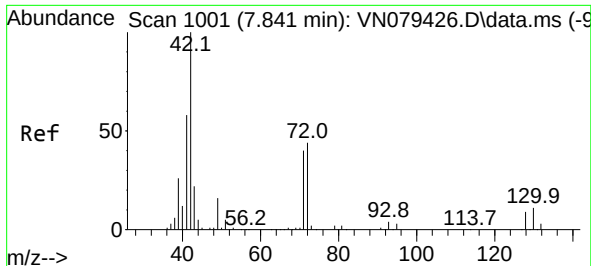
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#28
 Bromochloromethane
 Concen: 21.489 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079739.D
 Acq: 31 Oct 2023 13:00

Tgt Ion: 49 Resp: 70908
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 70.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 90.902 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 42 Resp: 14244

Ion Ratio Lower Upper

42 100

72 44.1 49.8 74.6

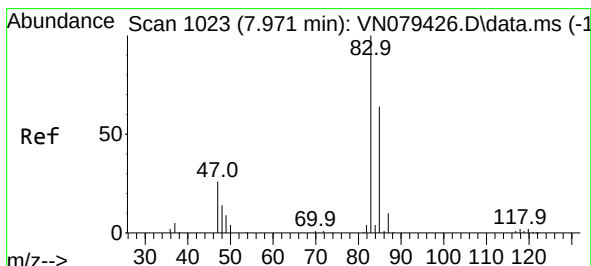
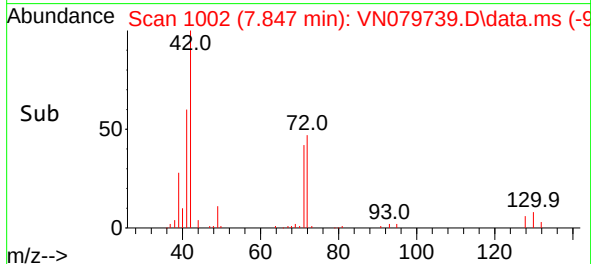
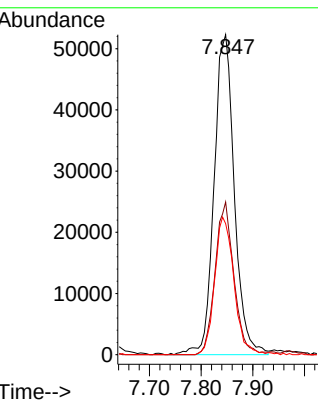
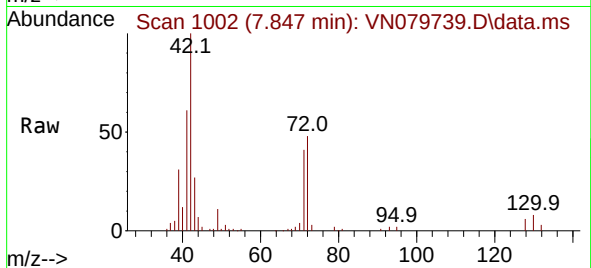
71 41.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#30

Chloroform

Concen: 19.588 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079739.D

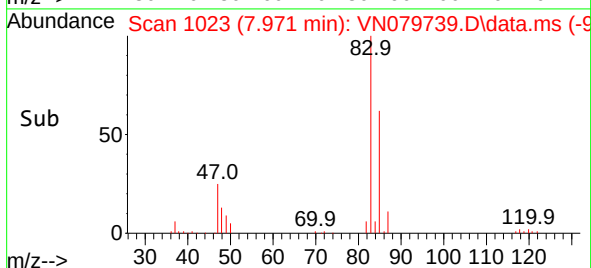
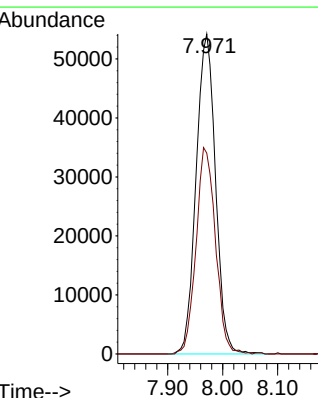
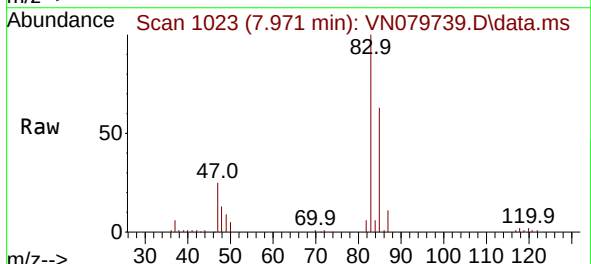
Acq: 31 Oct 2023 13:00

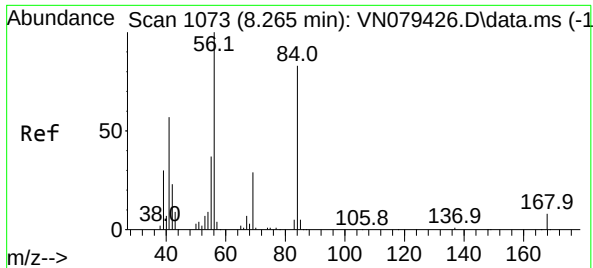
Tgt Ion: 83 Resp: 133063

Ion Ratio Lower Upper

83 100

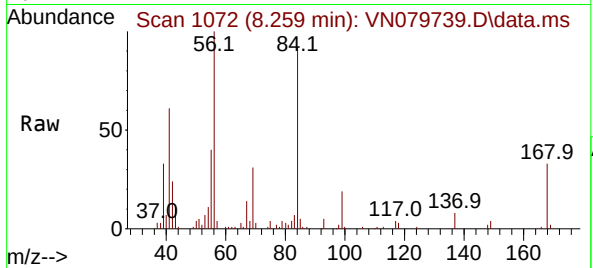
85 62.7 55.4 83.0





#31
Cyclohexane
Concen: 18.215 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

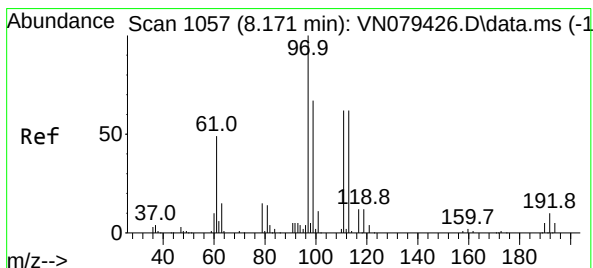
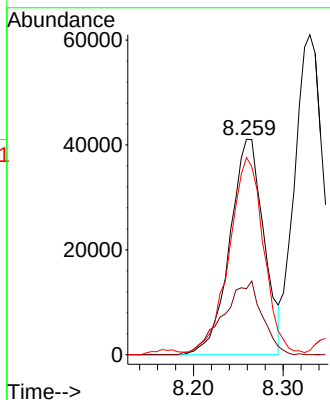
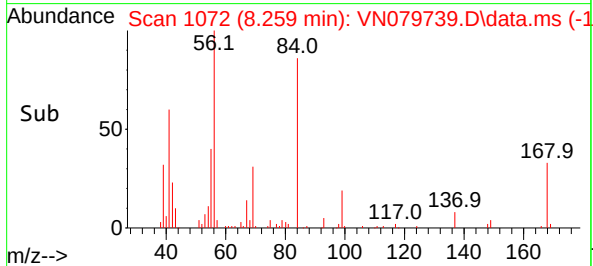
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 56 Resp: 10846
Ion Ratio Lower Upper
56 100
69 30.7 26.8 40.2
84 90.2 81.8 122.6

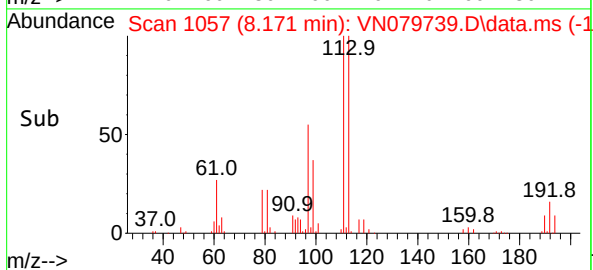
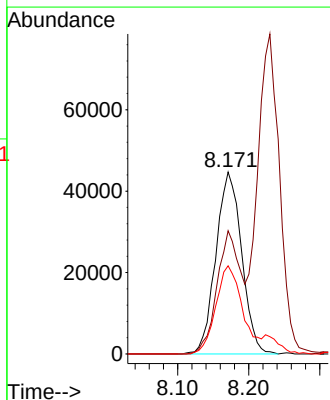
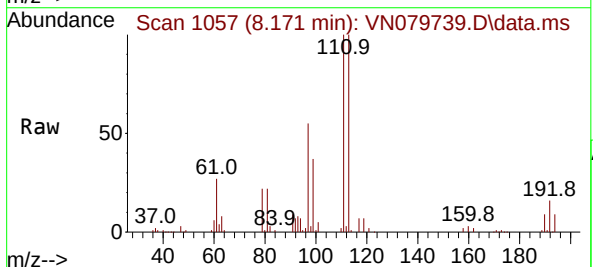
Manual Integrations
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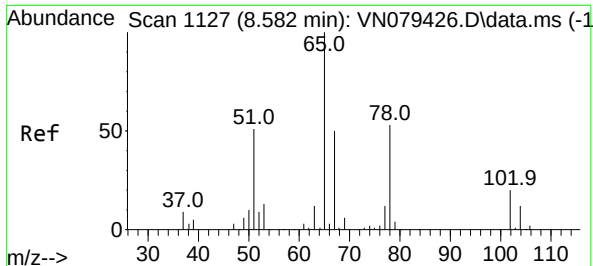
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#32
1,1,1-Trichloroethane
Concen: 19.133 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion: 97 Resp: 112670
Ion Ratio Lower Upper
97 100
99 61.8 50.3 75.5
61 50.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.186 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 65 Resp: 236490

Ion Ratio Lower Upper

65 100

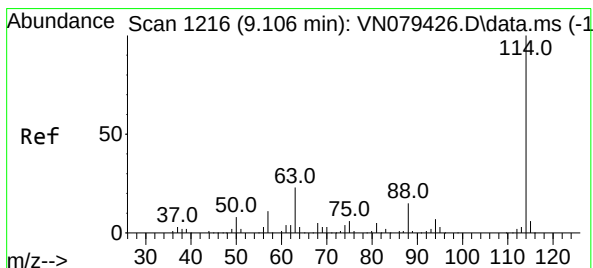
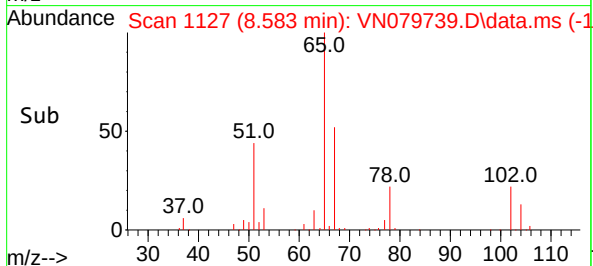
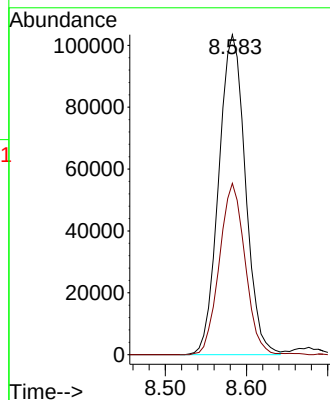
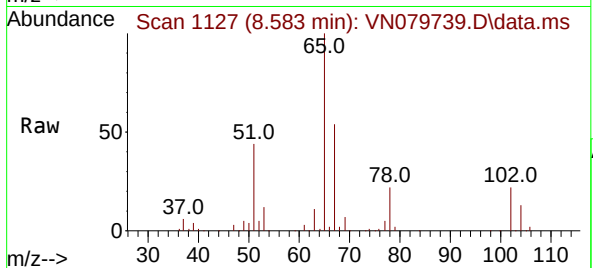
67 51.5 0.0 106.6

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: VN079739.D

Acq: 31 Oct 2023 13:00

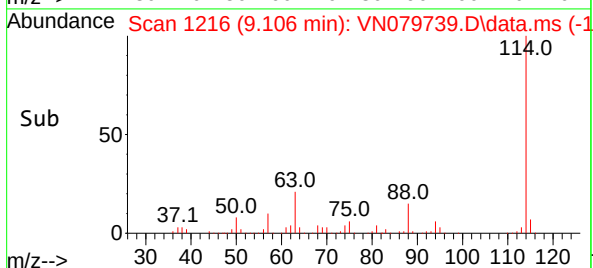
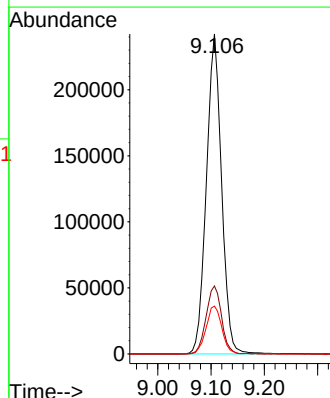
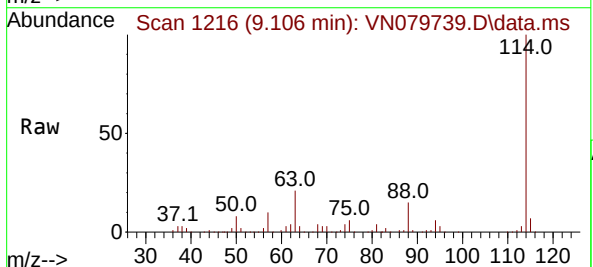
Tgt Ion:114 Resp: 480104

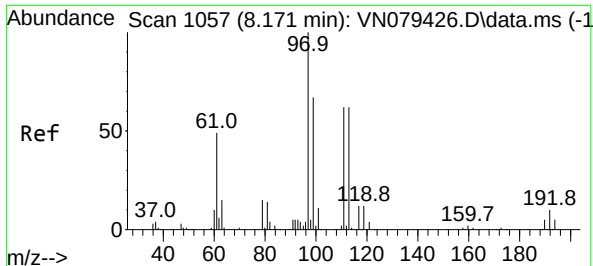
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

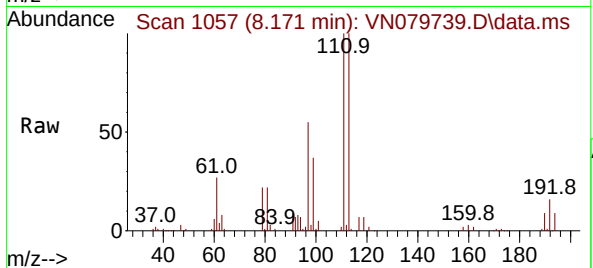
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.543 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

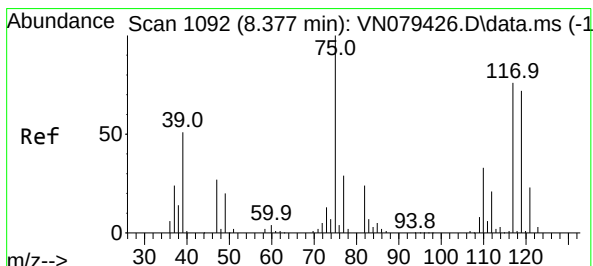
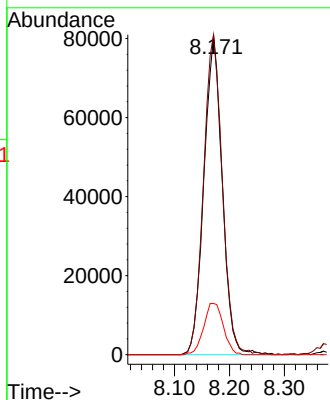
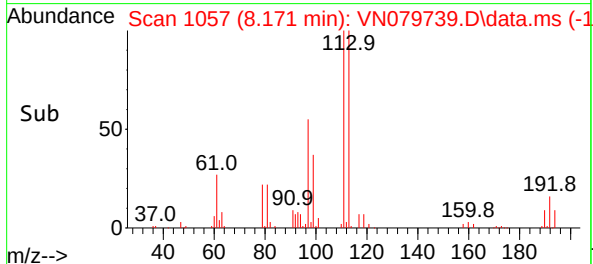
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



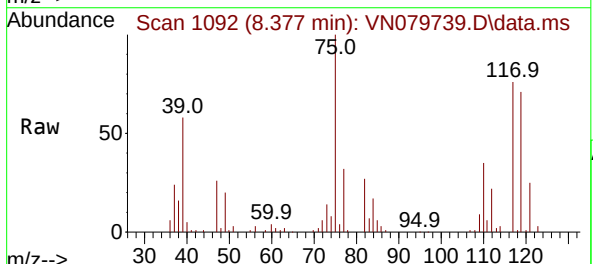
Tgt Ion:113 Resp: 187114
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 17.2 12.7 19.1

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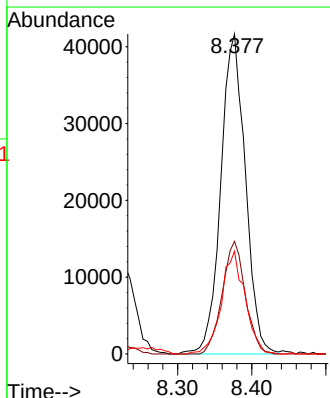
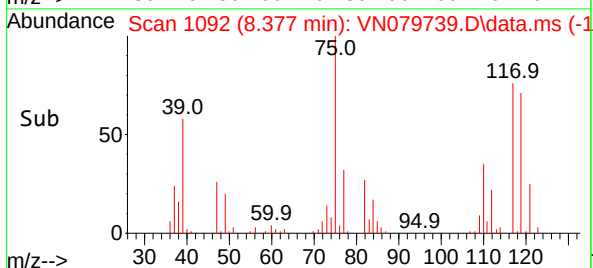
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

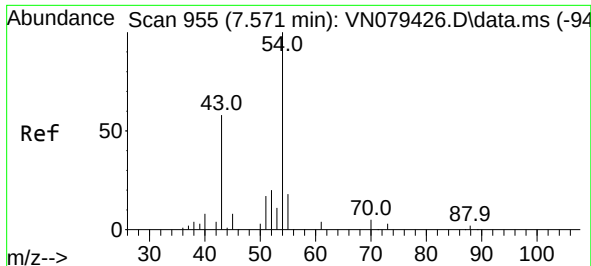


#36
1,1-Dichloropropene
Concen: 18.849 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



Tgt Ion: 75 Resp: 95927
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 18.791 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 43 Resp: 9479

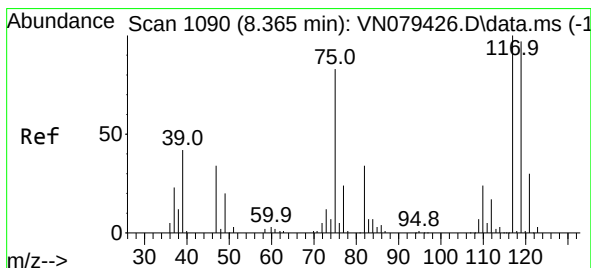
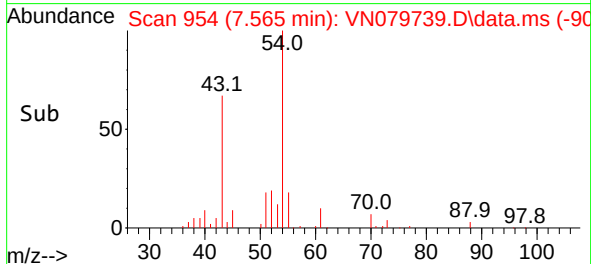
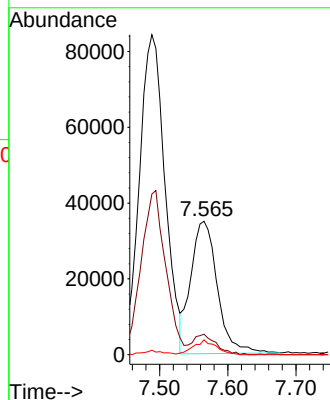
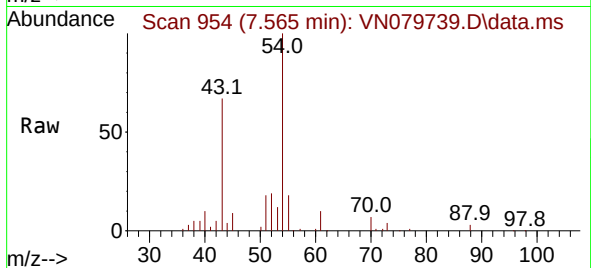
Ion	Ratio	Lower	Upper
43	100		
61	13.0	13.2	19.8
70	9.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#38

Carbon Tetrachloride

Concen: 19.120 ug/l

RT: 8.365 min Scan# 1090

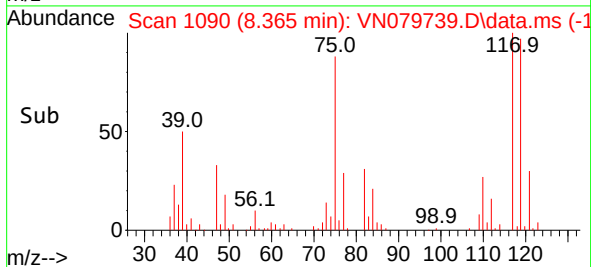
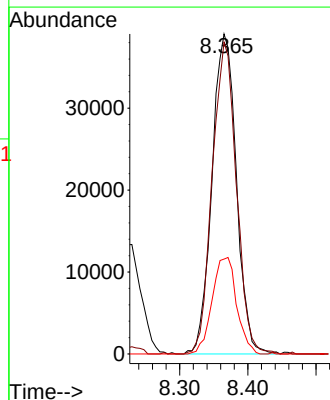
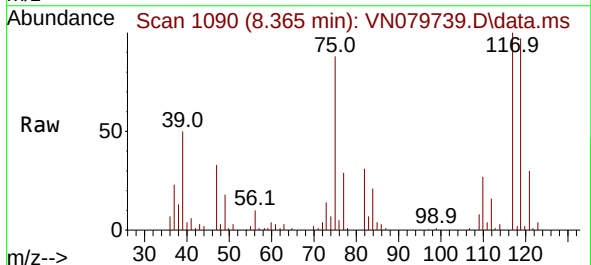
Delta R.T. -0.000 min

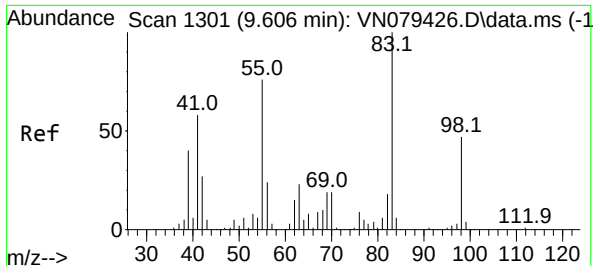
Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Tgt Ion:117 Resp: 97037

Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.3	115.9
121	29.7	23.3	34.9





#39

Methylcyclohexane

Concen: 17.910 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 83 Resp: 90664

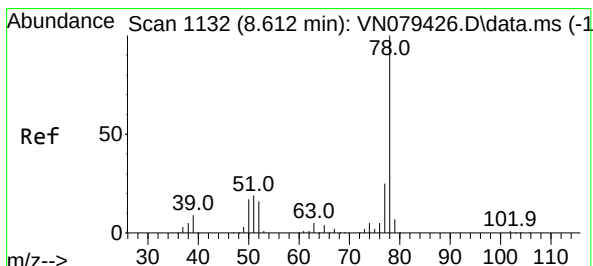
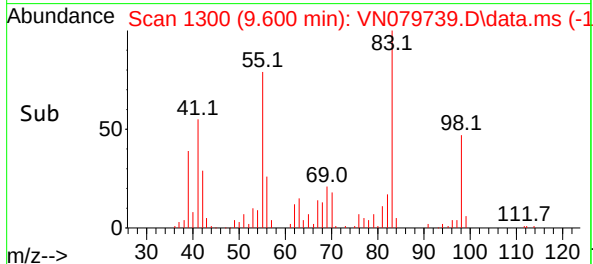
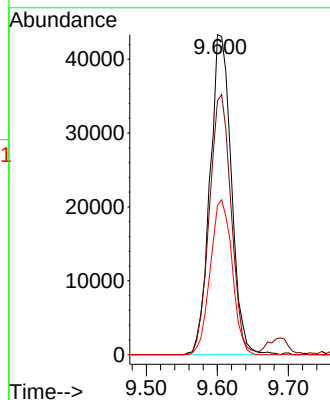
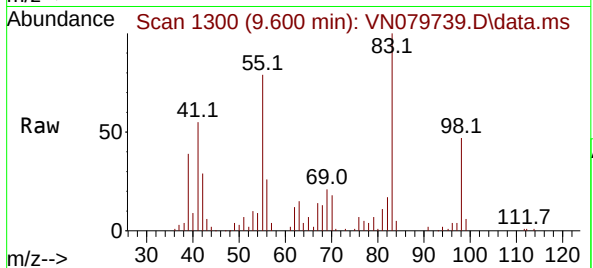
Ion	Ratio	Lower	Upper
83	100		
55	79.3	49.1	73.7
98	46.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#40

Benzene

Concen: 19.594 ug/l

RT: 8.612 min Scan# 1132

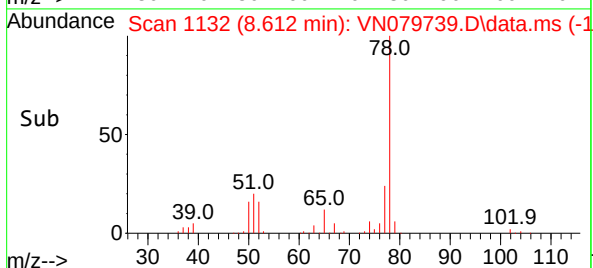
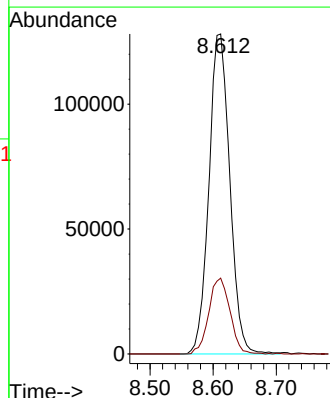
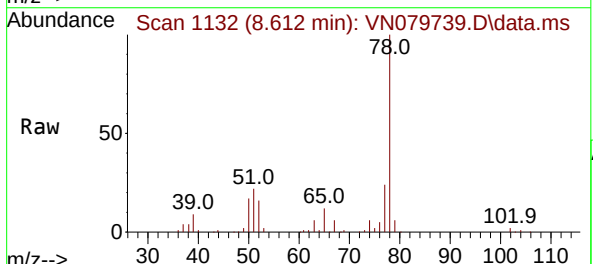
Delta R.T. 0.000 min

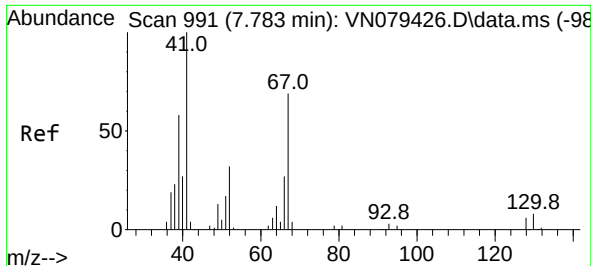
Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Tgt Ion: 78 Resp: 294311

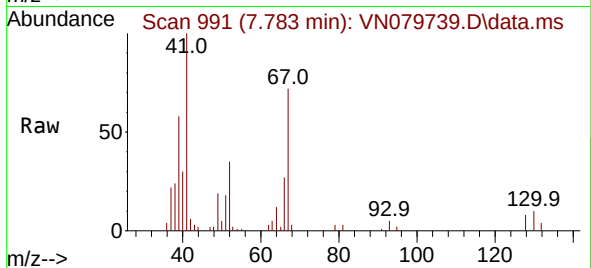
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





#41
Methacrylonitrile
Concen: 18.548 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

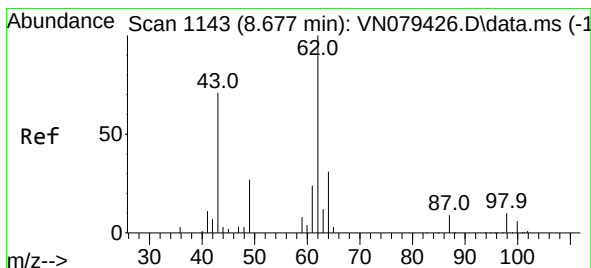
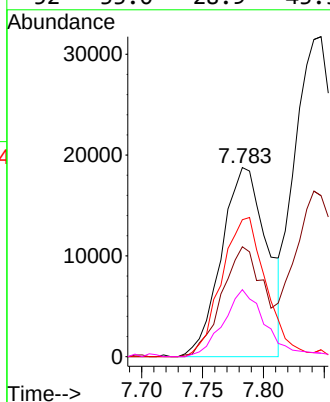
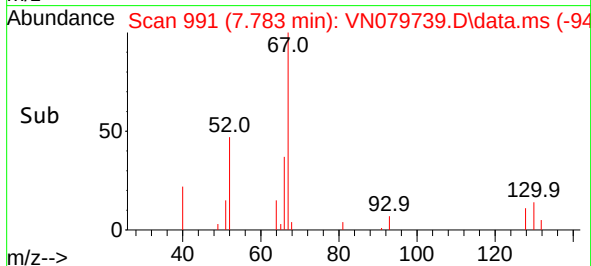
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 41 Resp: 48799
Ion Ratio Lower Upper
41 100
39 52.1 42.6 64.0
67 73.5 77.5 116.3
52 33.0 28.9 43.3

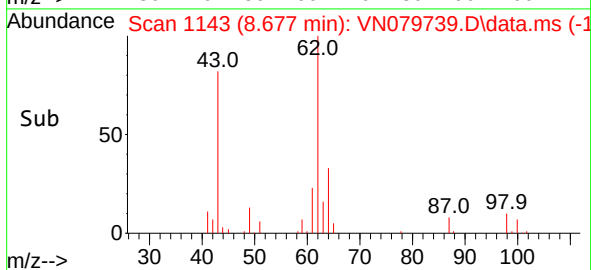
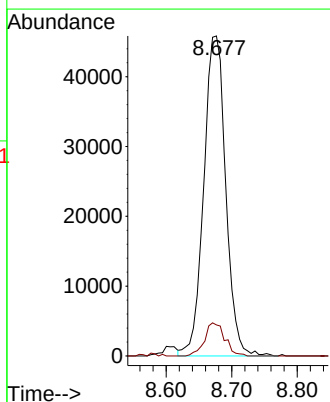
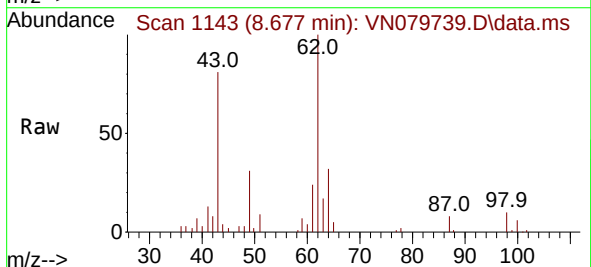
Manual Integrations
APPROVED

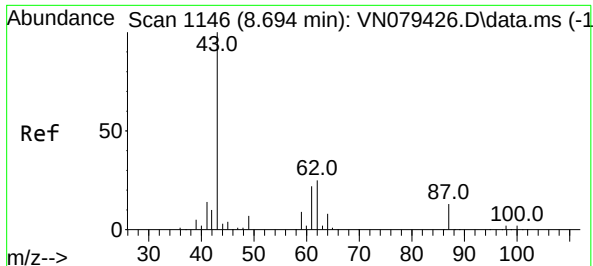
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#42
1,2-Dichloroethane
Concen: 19.586 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion: 62 Resp: 106853
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.170 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 43 Resp: 146534

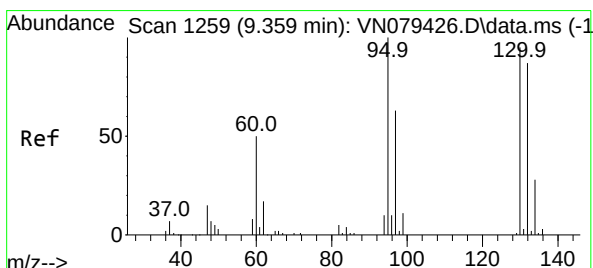
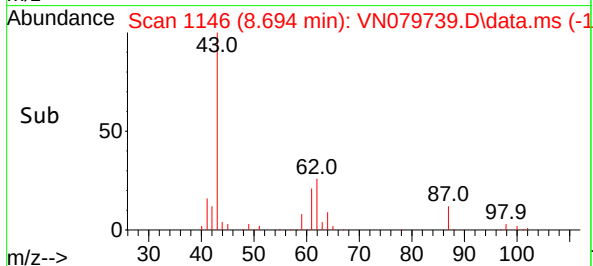
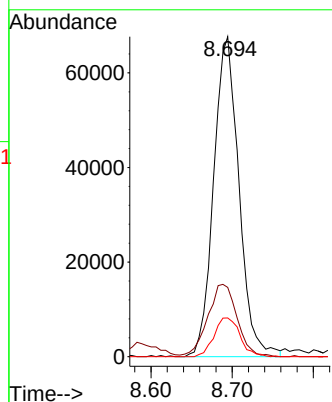
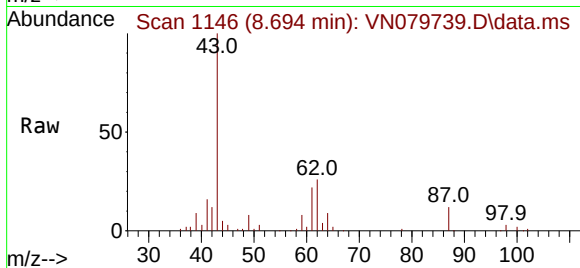
Ion	Ratio	Lower	Upper
43	100		
61	26.2	24.7	37.1
87	12.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#44

Trichloroethene

Concen: 18.678 ug/l

RT: 9.359 min Scan# 1259

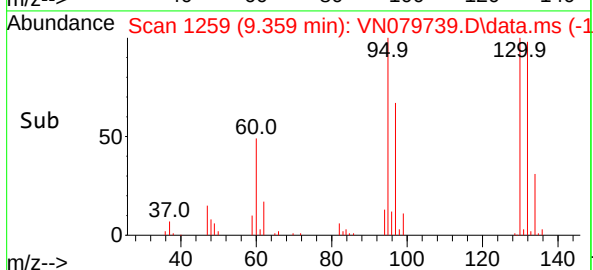
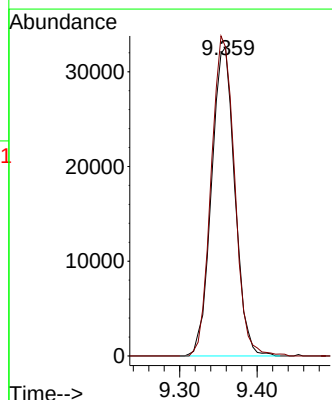
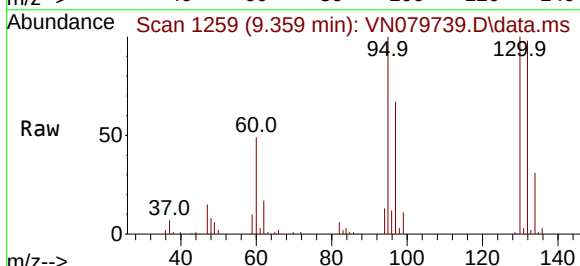
Delta R.T. 0.000 min

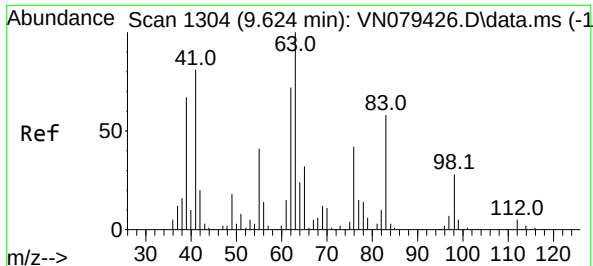
Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Tgt Ion:130 Resp: 67961

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 19.232 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 63 Resp: 76720

Ion Ratio Lower Upper

63 100

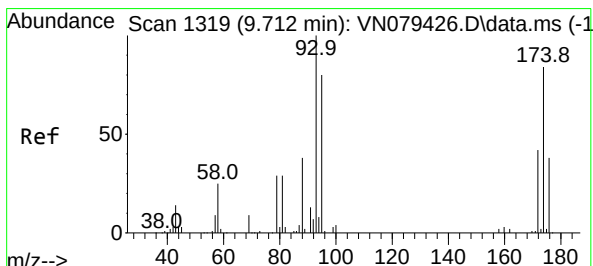
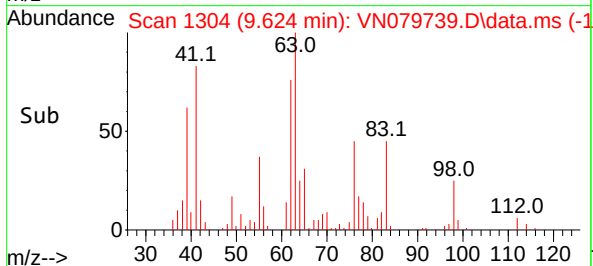
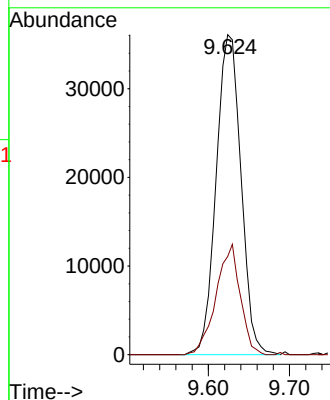
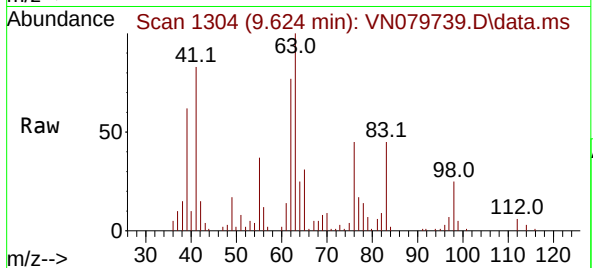
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#46

Dibromomethane

Concen: 18.908 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

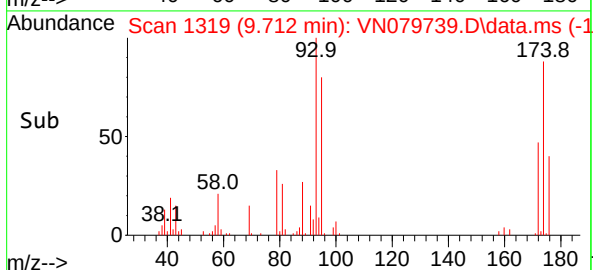
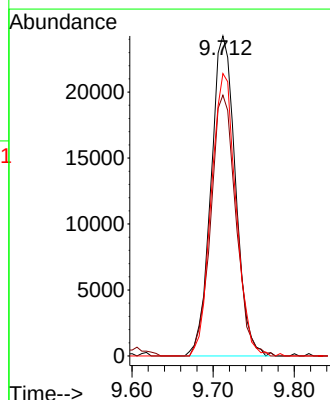
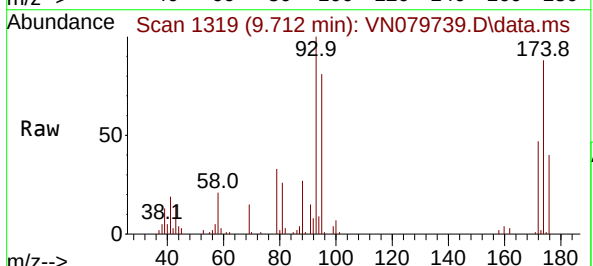
Tgt Ion: 93 Resp: 50875

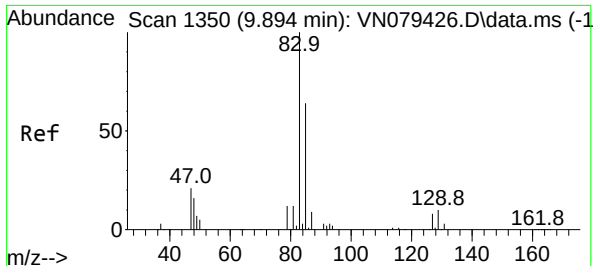
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

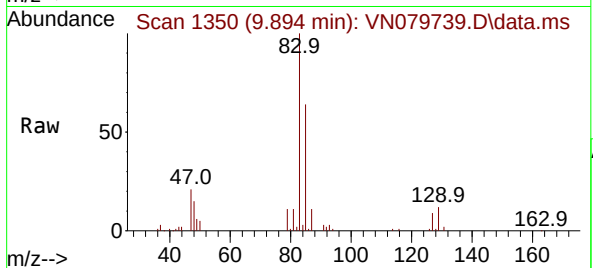
174 88.6 65.6 98.4





#47
Bromodichloromethane
Concen: 19.128 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

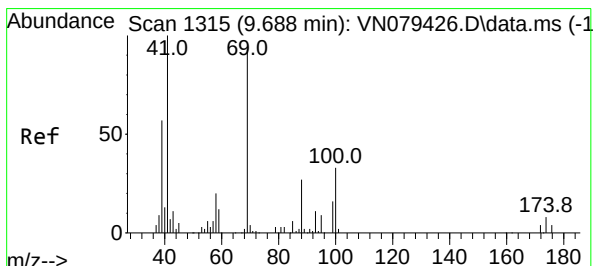
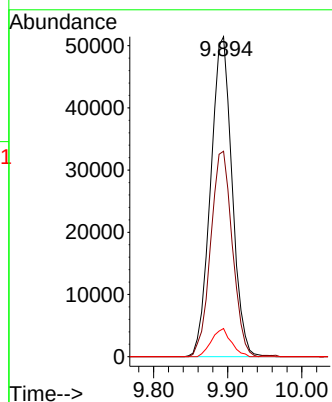
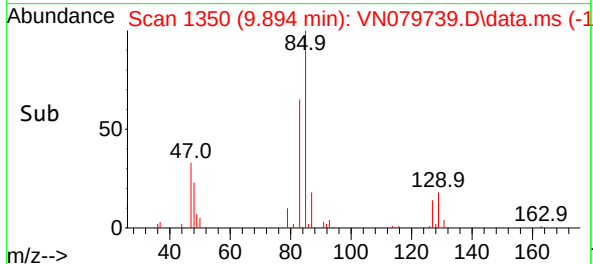
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 83 Resp: 103249
Ion Ratio Lower Upper
83 100
85 64.2 49.6 74.4
127 8.8 7.0 10.6

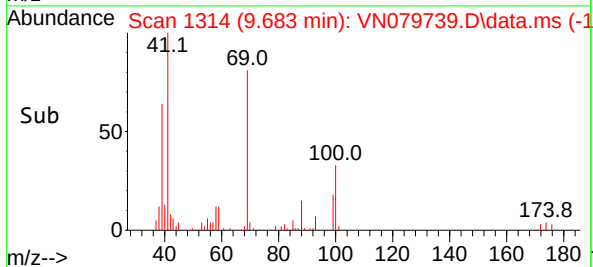
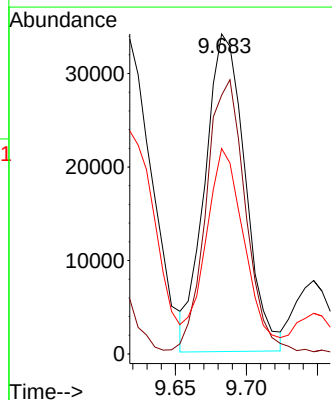
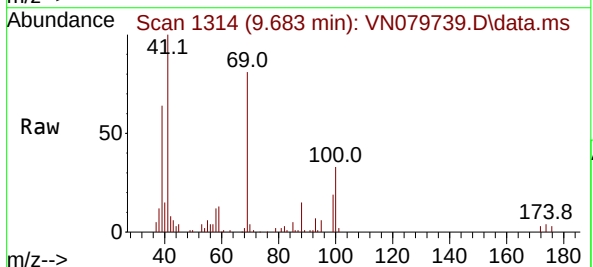
Manual Integrations
APPROVED

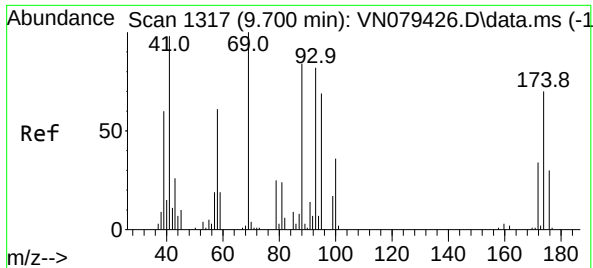
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#48
Methyl methacrylate
Concen: 17.951 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

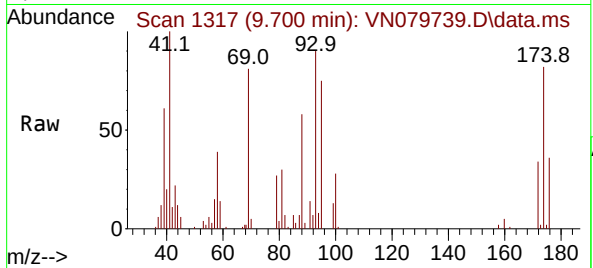
Tgt Ion: 41 Resp: 67116
Ion Ratio Lower Upper
41 100
69 86.2 90.4 135.6#
39 63.6 54.6 81.8





#49
1,4-Dioxane
Concen: 341.170 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

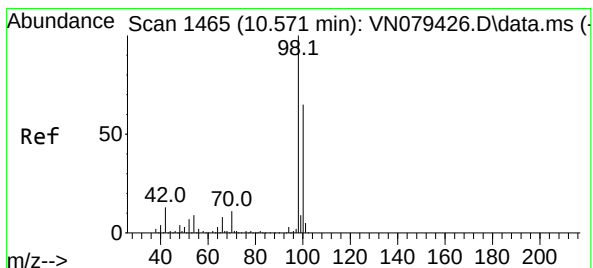
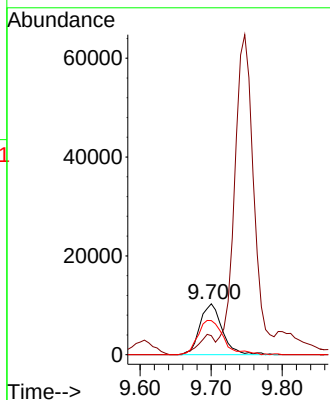
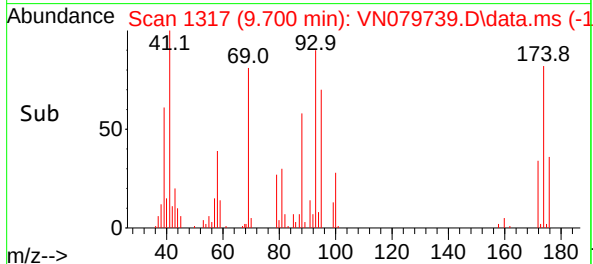
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 88 Resp: 2244
Ion Ratio Lower Upper
88 100
43 29.2 17.0 25.6
58 77.5 47.0 70.4

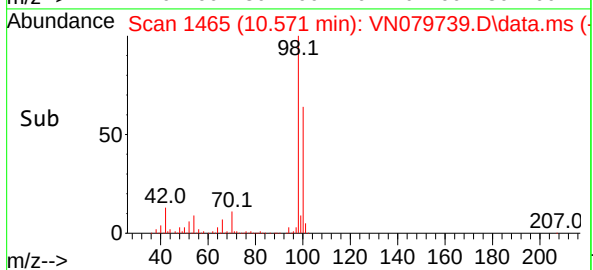
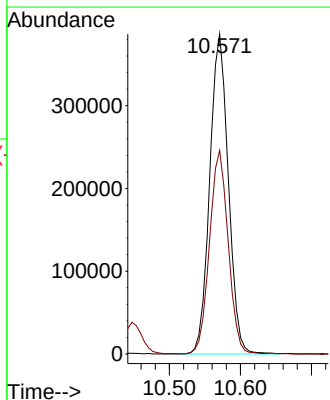
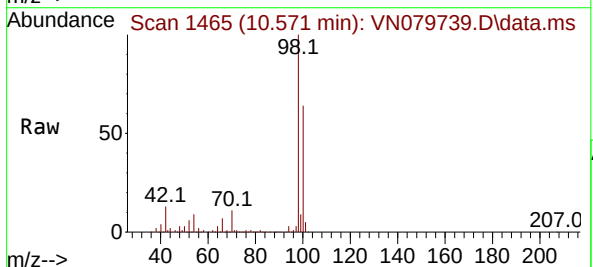
Manual Integrations
APPROVED

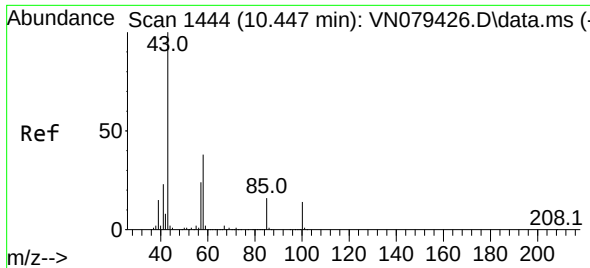
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#50
Toluene-d8
Concen: 54.861 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

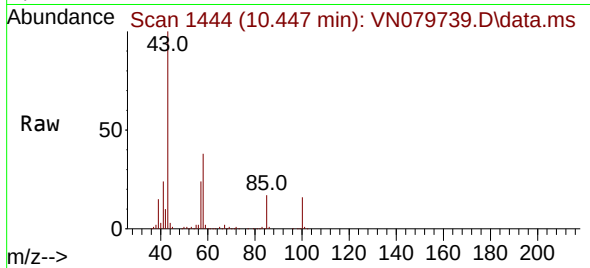
Tgt Ion: 98 Resp: 701598
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 89.853 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

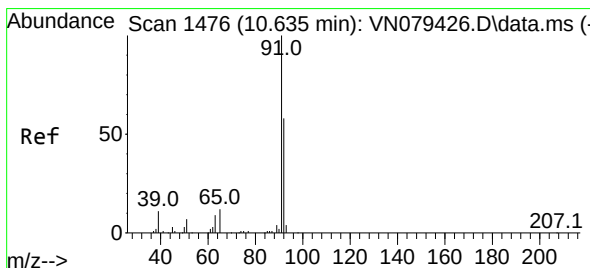
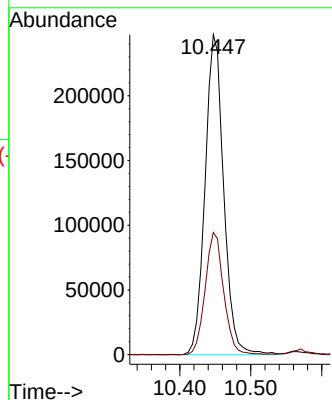
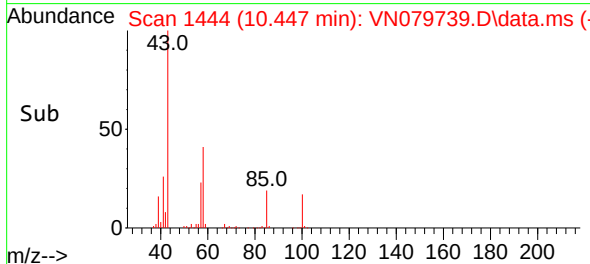
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



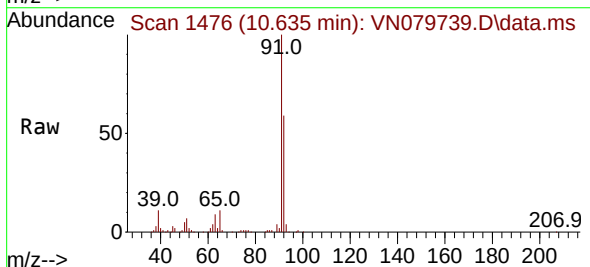
Tgt Ion: 43 Resp: 450870
Ion Ratio Lower Upper
43 100
58 38.0 36.6 54.8

Manual Integrations
APPROVED

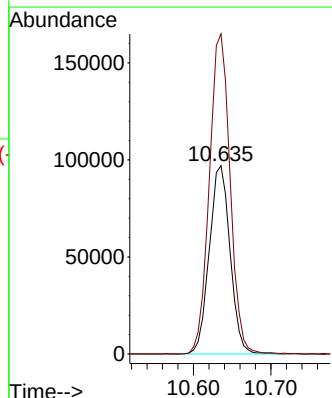
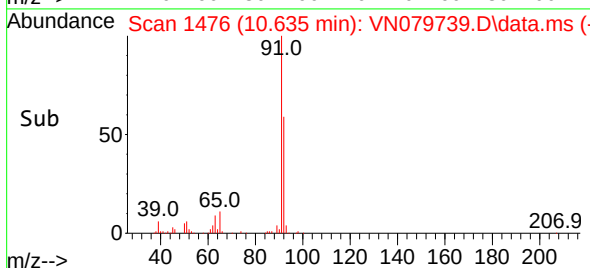
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

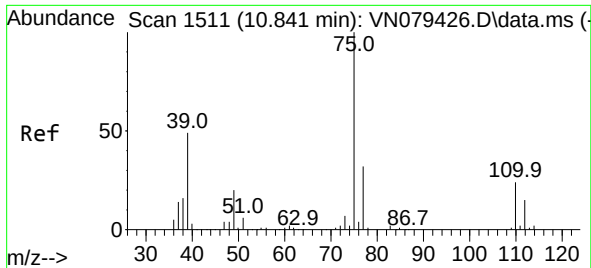


#52
Toluene
Concen: 19.710 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



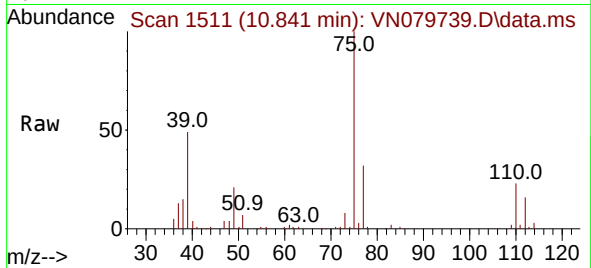
Tgt Ion: 92 Resp: 180741
Ion Ratio Lower Upper
92 100
91 169.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.477 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

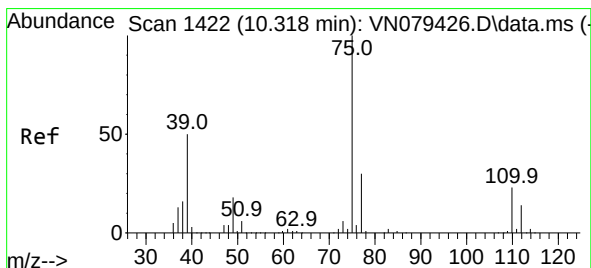
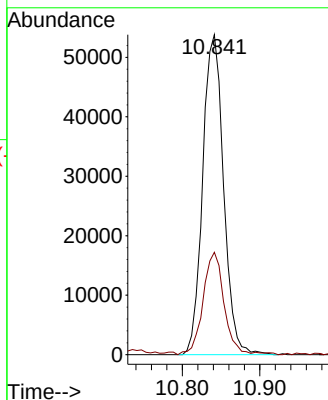
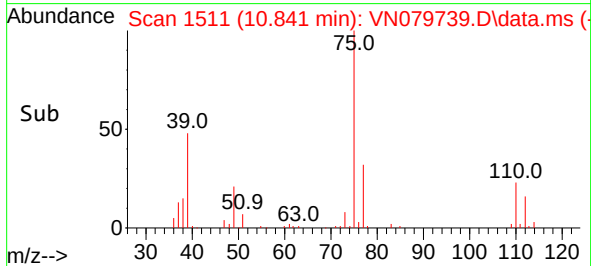
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 75 Resp: 10071
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

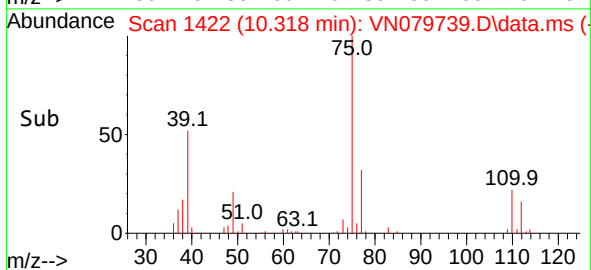
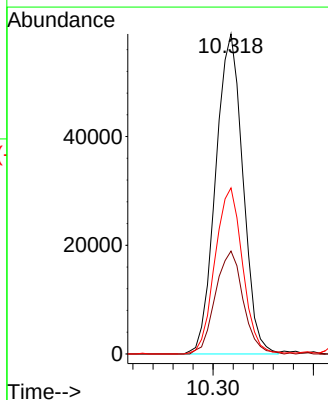
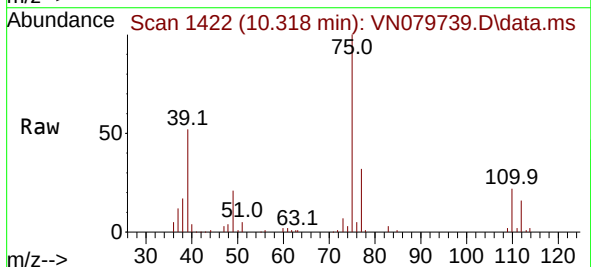
Manual Integrations
APPROVED

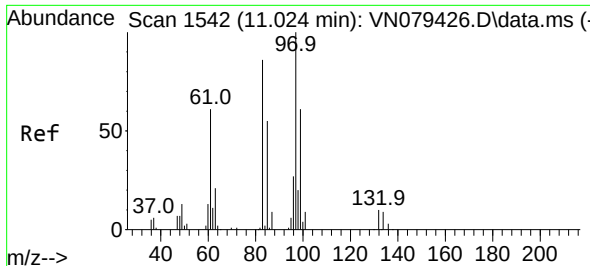
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#54
cis-1,3-Dichloropropene
Concen: 18.622 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

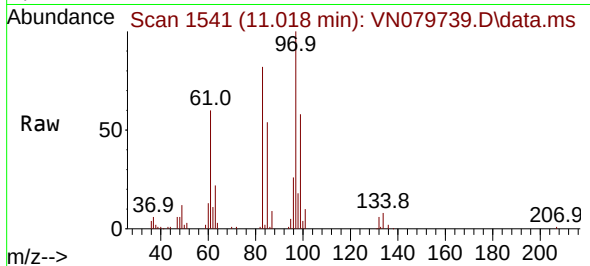
Tgt Ion: 75 Resp: 111049
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 51.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.379 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

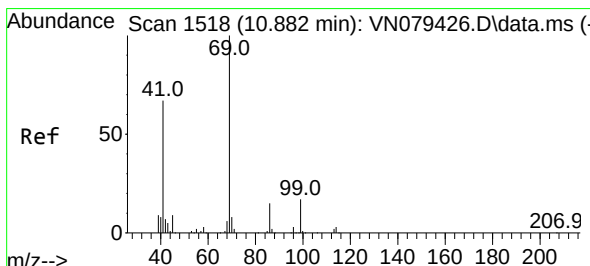
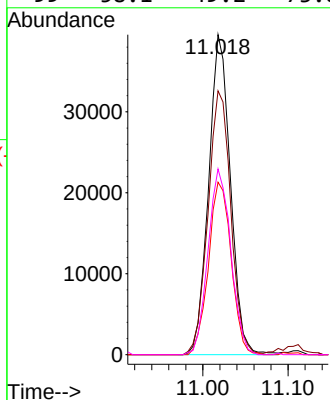
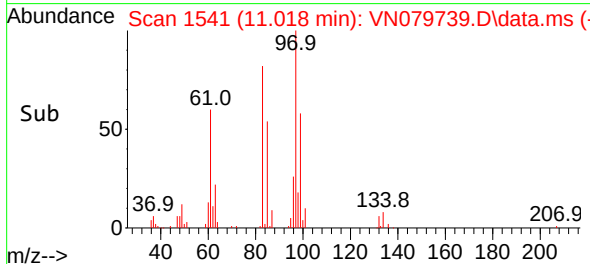
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



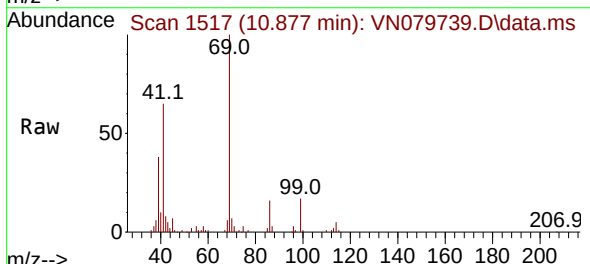
Tgt Ion:	97	Resp:	70280
Ion Ratio	Lower	Upper	
97	100		
83	82.4	65.1	97.7
85	53.9	43.4	65.2
99	58.1	49.2	73.8

Manual Integrations
APPROVED

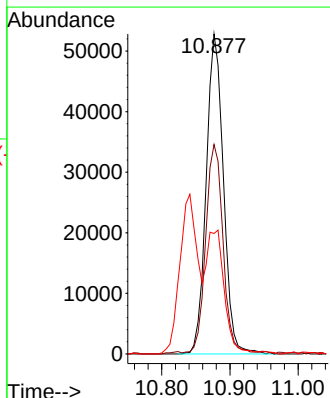
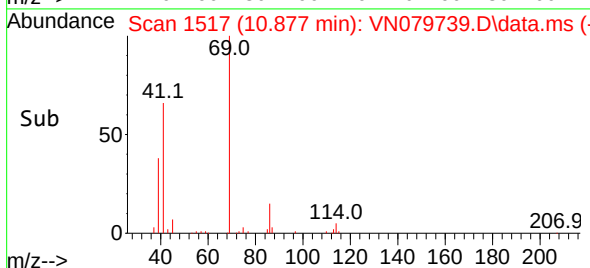
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

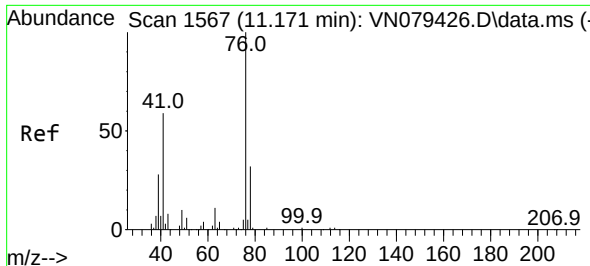


#56
Ethyl methacrylate
Concen: 18.142 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



Tgt Ion:	69	Resp:	92918
Ion Ratio	Lower	Upper	
69	100		
41	64.7	39.6	59.4
39	40.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.890 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 76 Resp: 11988

Ion Ratio Lower Upper

76 100

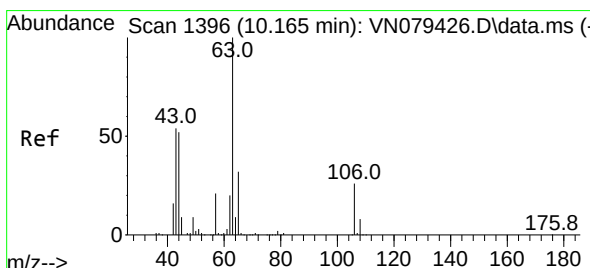
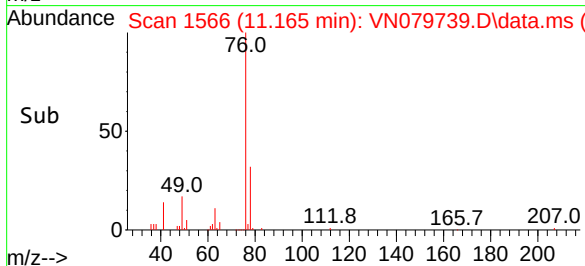
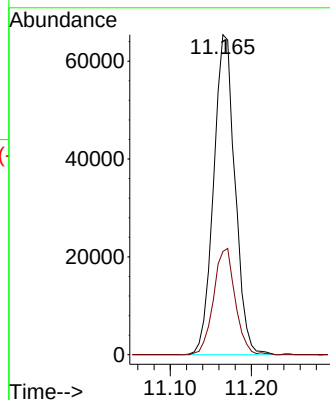
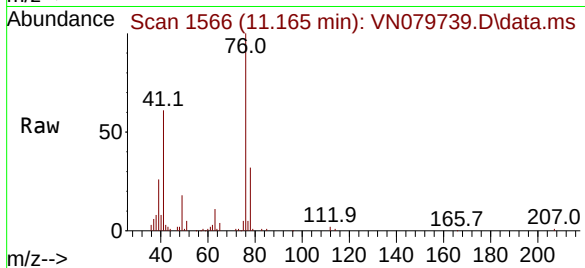
78 33.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.073 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079739.D

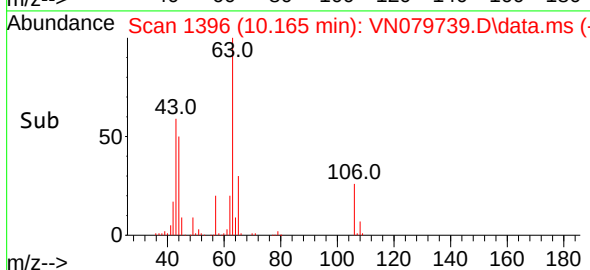
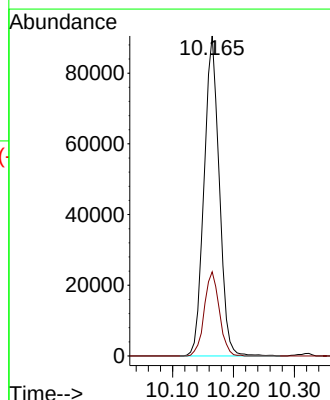
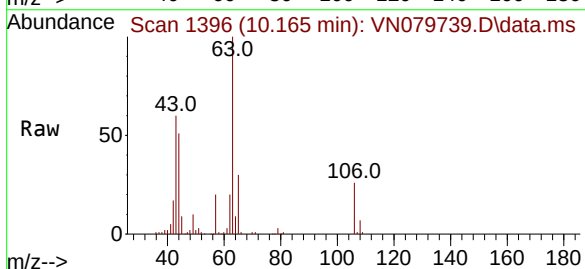
Acq: 31 Oct 2023 13:00

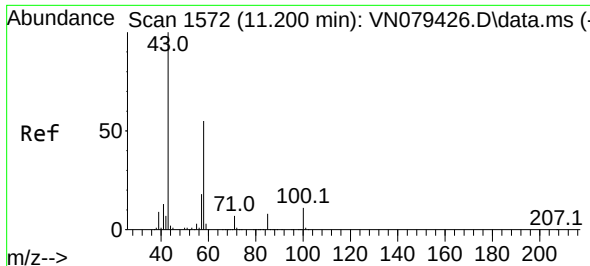
Tgt Ion: 63 Resp: 156751

Ion Ratio Lower Upper

63 100

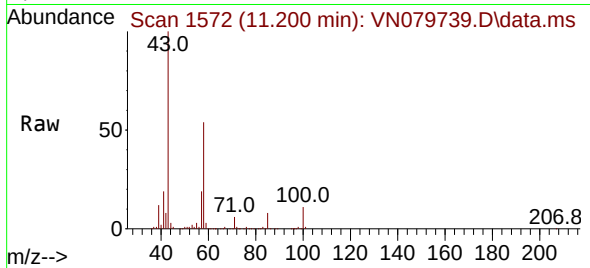
106 26.0 26.2 39.4#





#59
2-Hexanone
Concen: 86.750 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

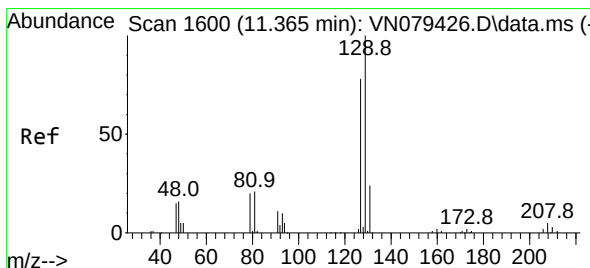
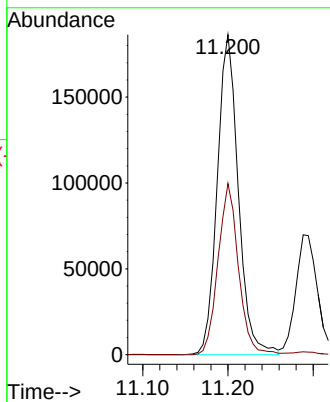
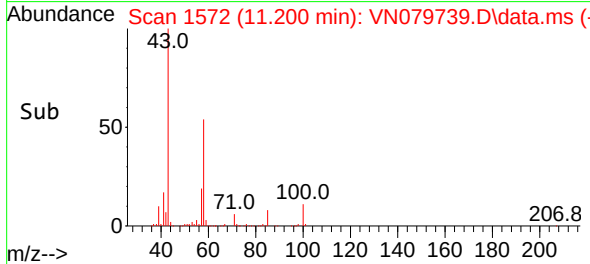
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 43 Resp: 320072
Ion Ratio Lower Upper
43 100
58 51.9 31.7 95.1

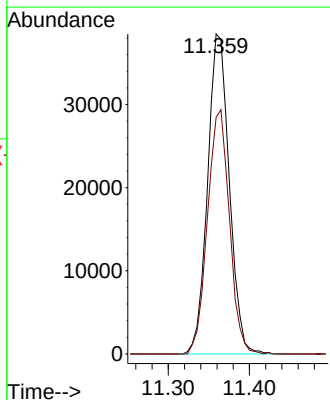
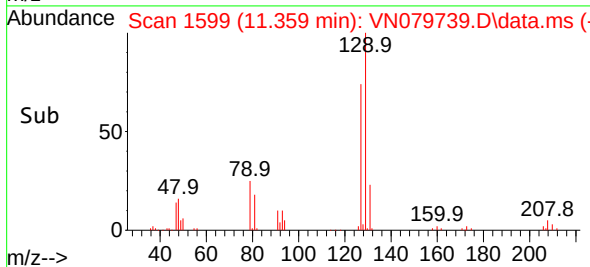
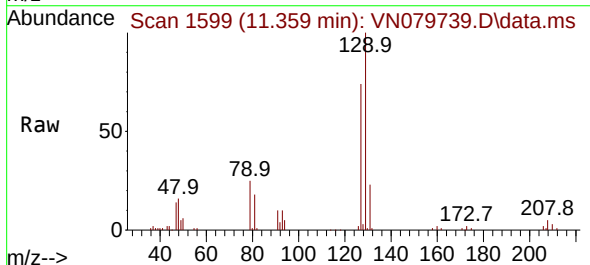
Manual Integrations
APPROVED

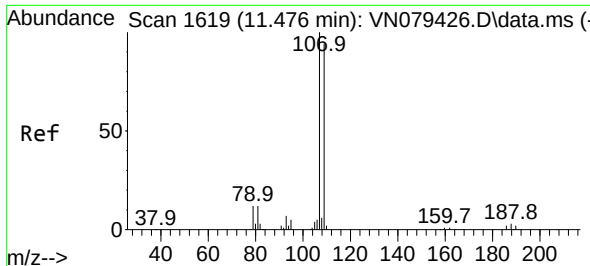
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#60
Dibromochloromethane
Concen: 19.054 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

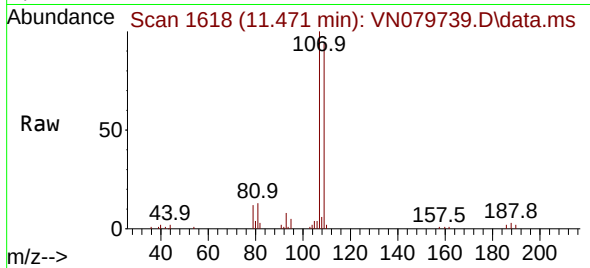
Tgt Ion:129 Resp: 71502
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.958 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

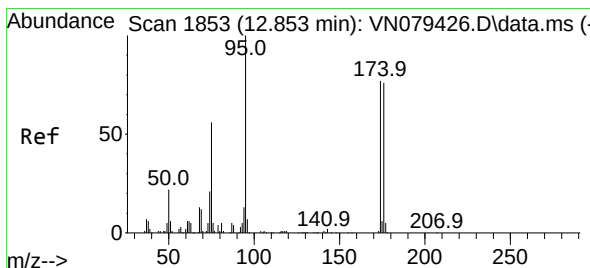
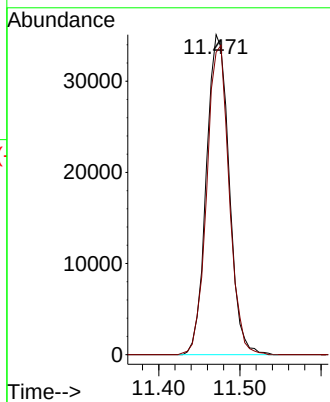
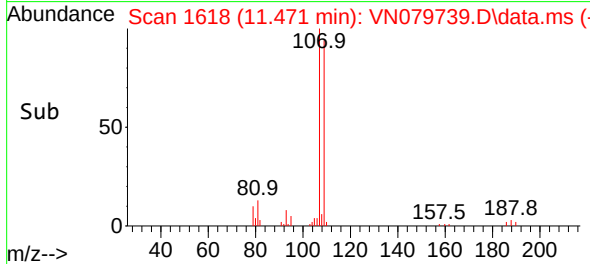
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion:107 Resp: 68499
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

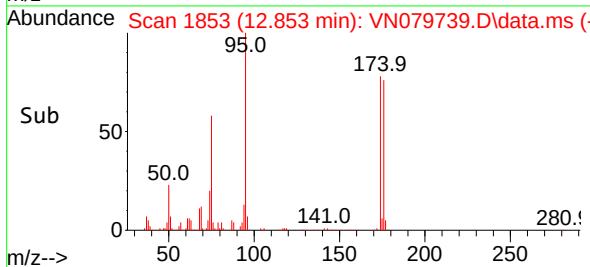
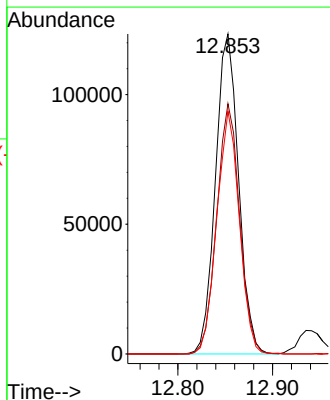
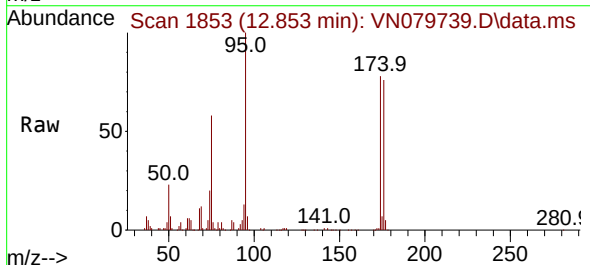
Manual Integrations
APPROVED

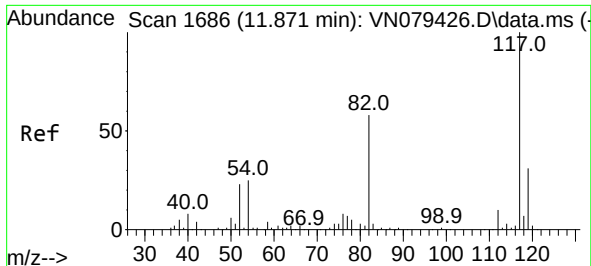
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#62
4-Bromofluorobenzene
Concen: 51.928 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

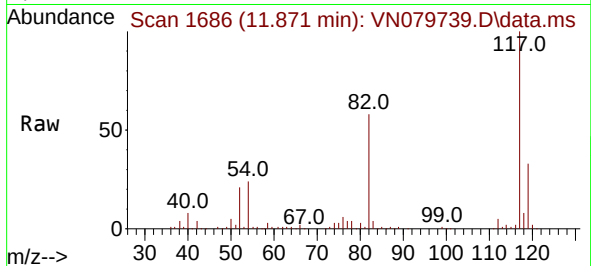
Tgt Ion: 95 Resp: 209130
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 74.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

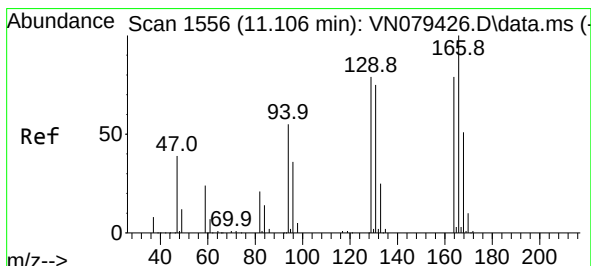
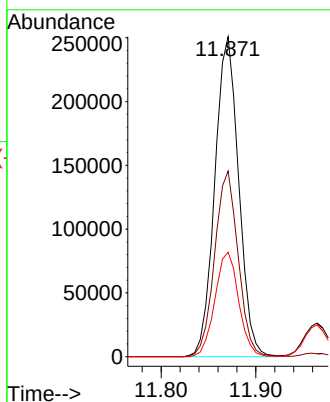
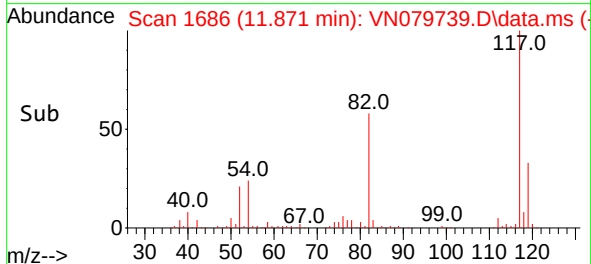
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion:117 Resp: 439758
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.6 25.6 38.4

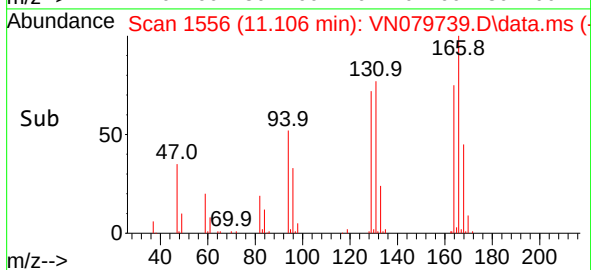
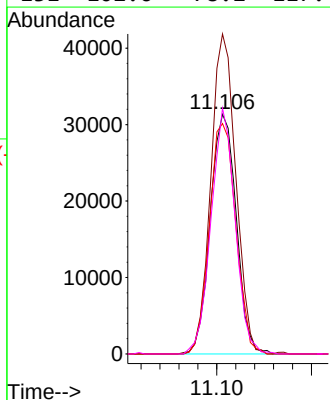
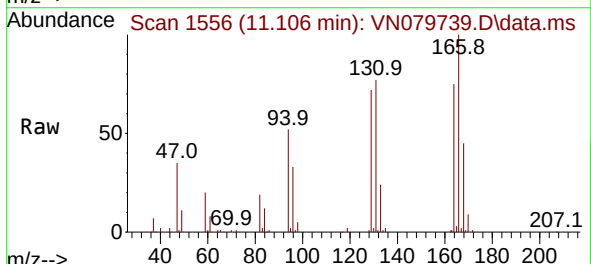
Manual Integrations
APPROVED

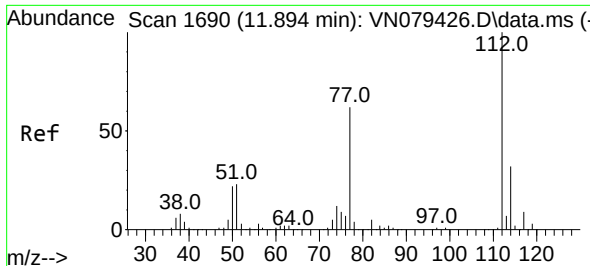
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#64
Tetrachloroethene
Concen: 19.133 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

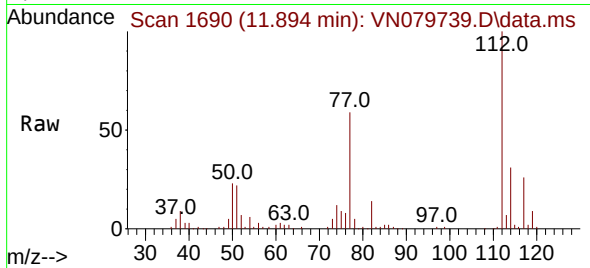
Tgt Ion:164 Resp: 59689
Ion Ratio Lower Upper
164 100
166 133.5 101.4 152.0
129 96.1 82.4 123.6
131 102.6 78.2 117.4





#65
Chlorobenzene
Concen: 18.405 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

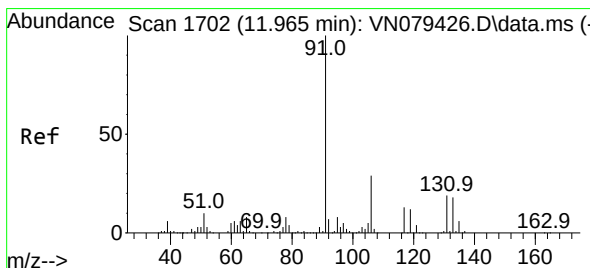
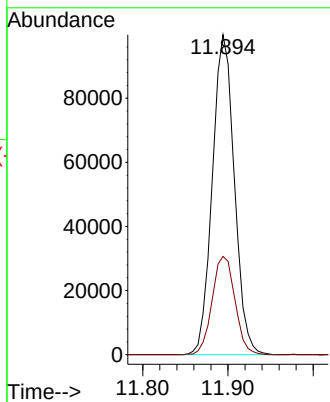
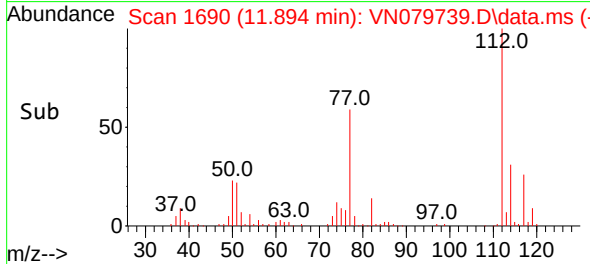
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion:112 Resp: 179144
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4

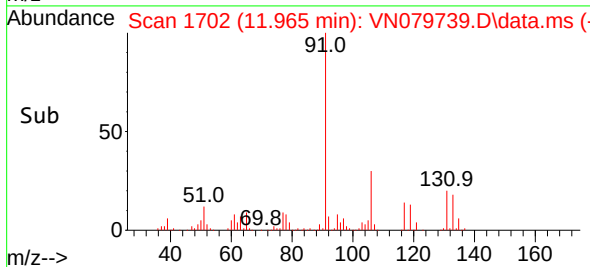
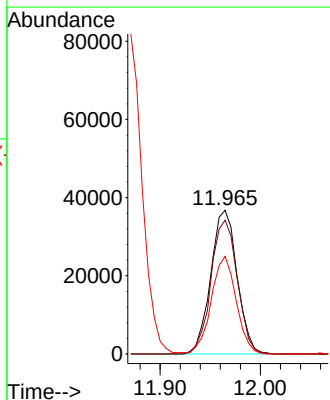
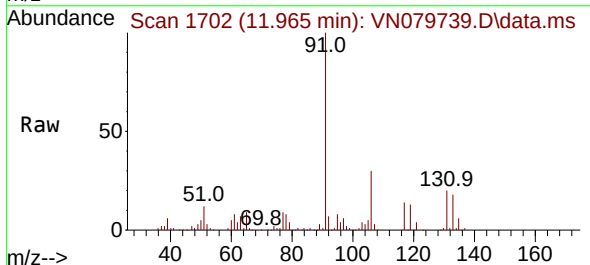
Manual Integrations
APPROVED

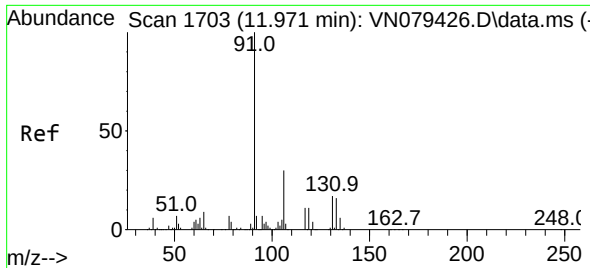
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.556 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion:131 Resp: 67111
Ion Ratio Lower Upper
131 100
133 92.9 46.4 139.1
119 64.4 34.1 102.2





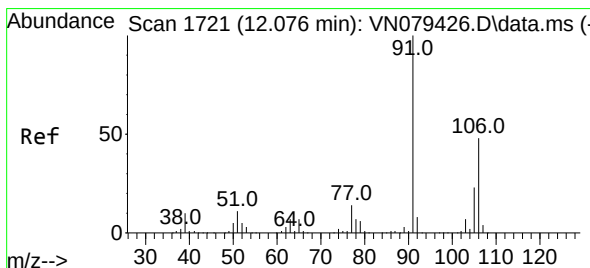
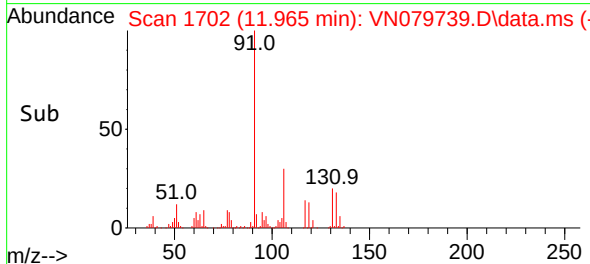
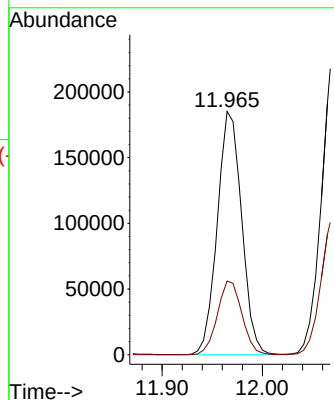
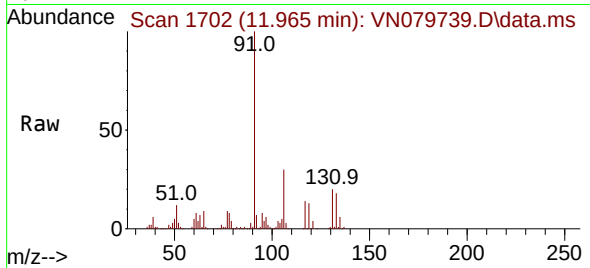
#67
Ethyl Benzene
Concen: 18.248 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 91 Resp: 312915
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

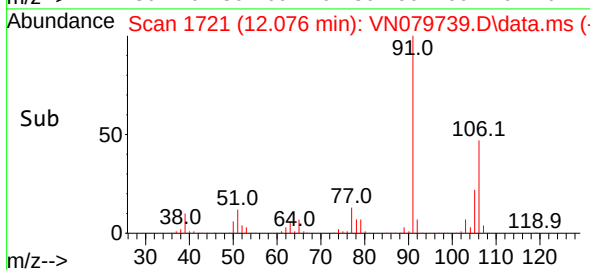
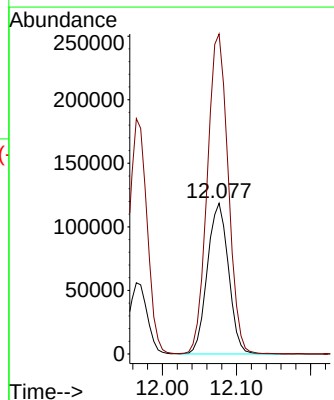
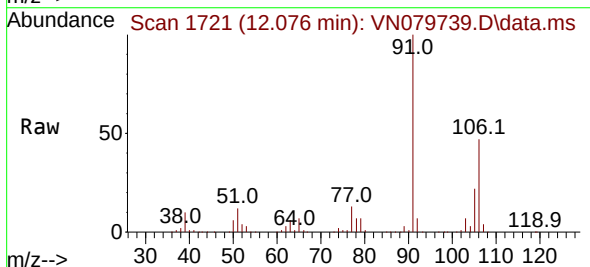
Manual Integrations
APPROVED

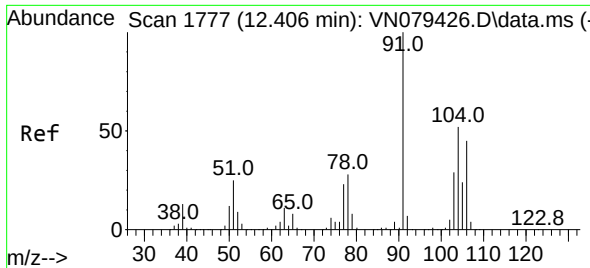
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#68
m/p-Xylenes
Concen: 36.985 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion:106 Resp: 234572
Ion Ratio Lower Upper
106 100
91 210.3 159.6 239.4





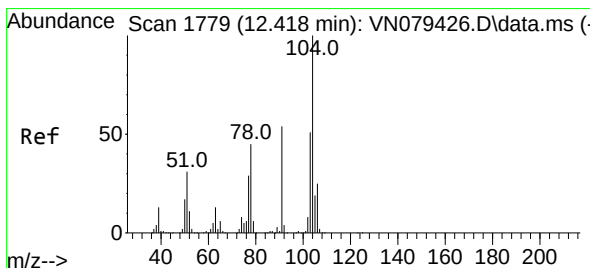
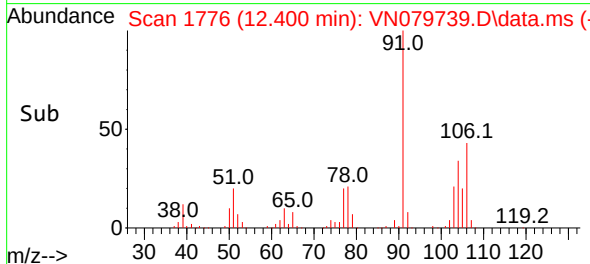
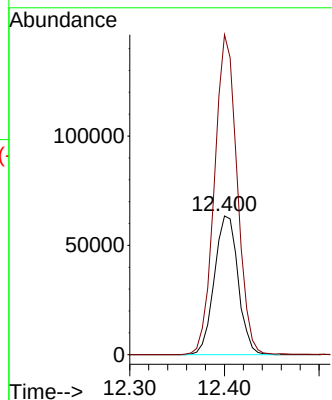
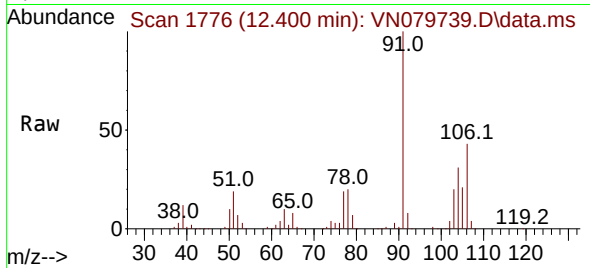
#69
o-Xylene
Concen: 18.129 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion:106 Resp: 11056
Ion Ratio Lower Upper
106 100
91 221.4 105.2 315.5

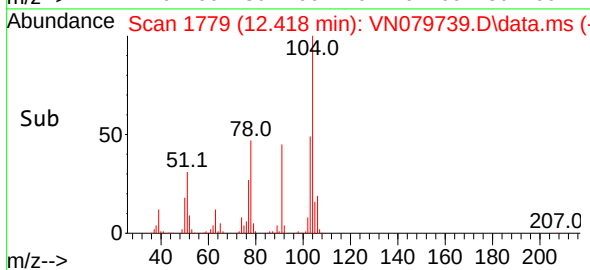
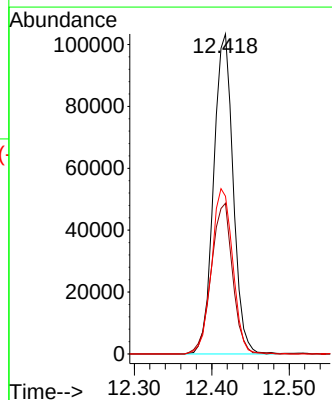
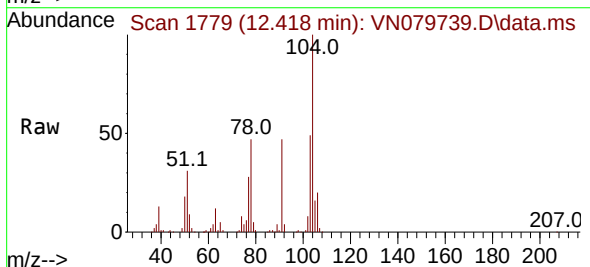
Manual Integrations
APPROVED

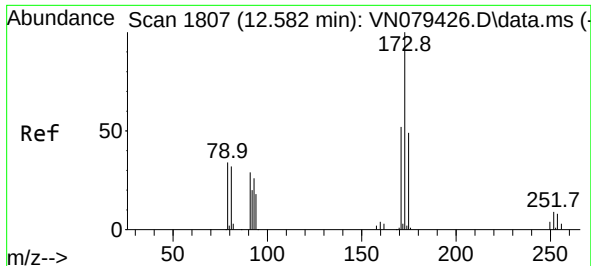
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#70
Styrene
Concen: 18.587 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

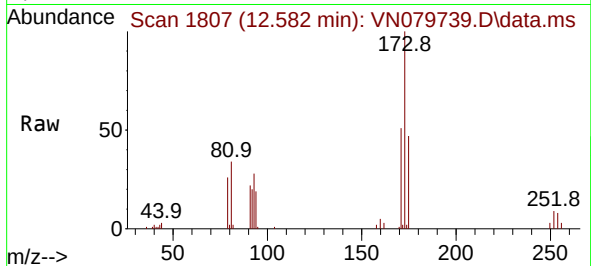
Tgt Ion:104 Resp: 181579
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 56.1 43.2 64.8





#71
Bromoform
Concen: 17.794 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

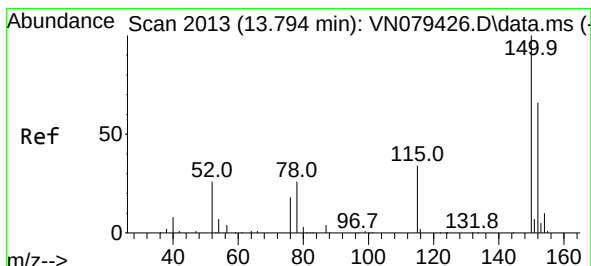
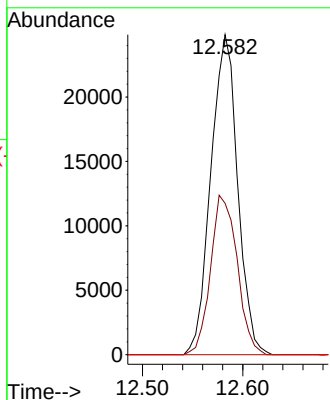
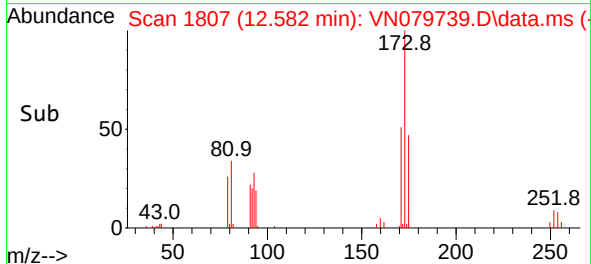
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion:173 Resp: 46095
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

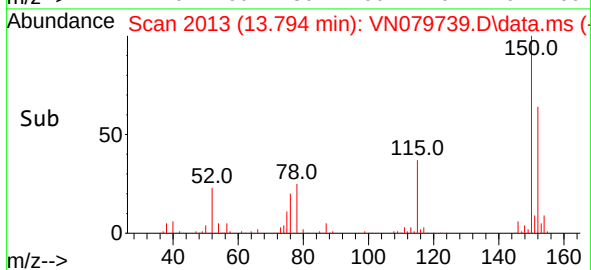
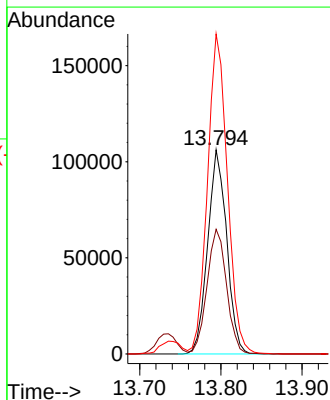
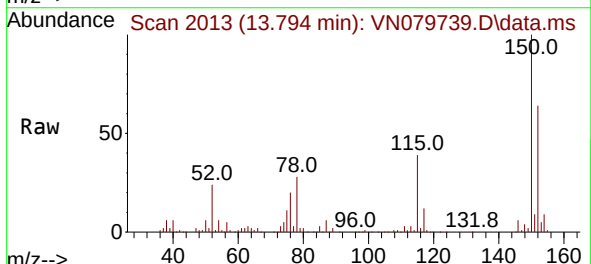
Manual Integrations
APPROVED

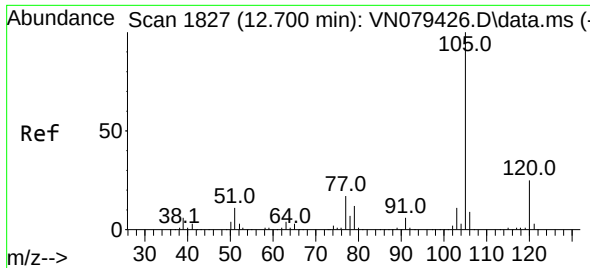
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Tgt Ion:152 Resp: 172761
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 163.9 0.0 355.8





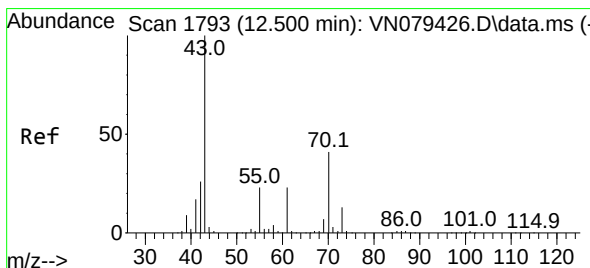
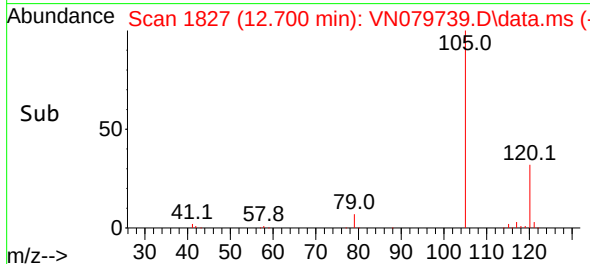
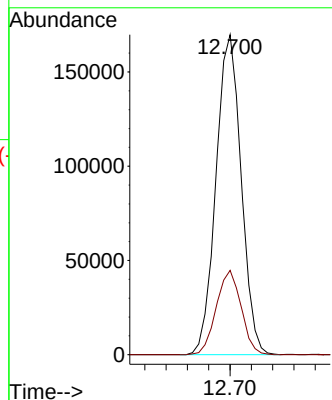
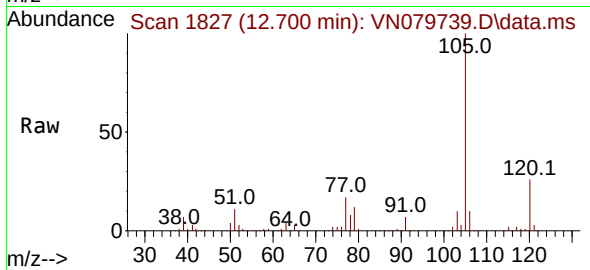
#73
Isopropylbenzene
Concen: 17.801 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion:105 Resp: 27855
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

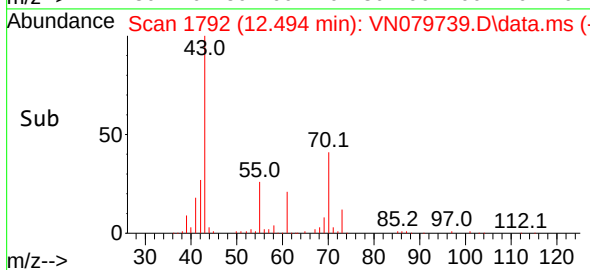
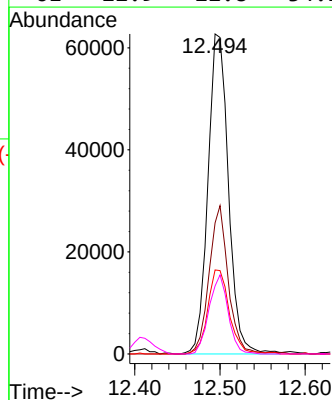
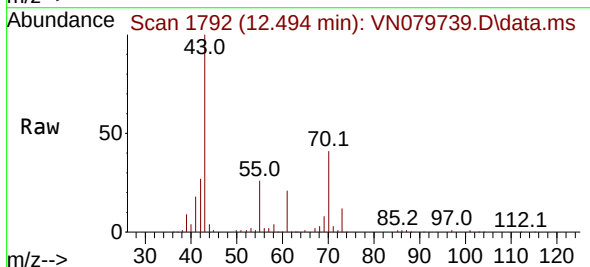
Manual Integrations
APPROVED

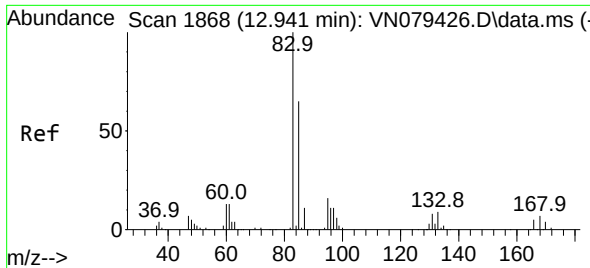
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#74
N-ethyl acetate
Concen: 16.868 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

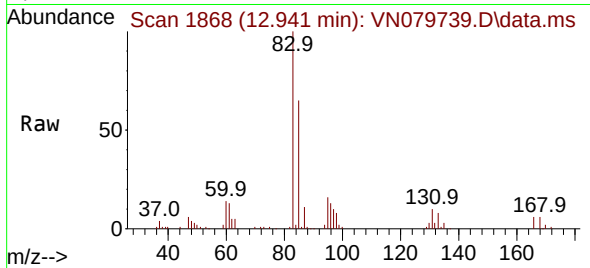
Tgt Ion: 43 Resp: 104984
Ion Ratio Lower Upper
43 100
70 43.2 43.4 65.2#
55 27.7 21.4 32.0
61 22.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.620 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

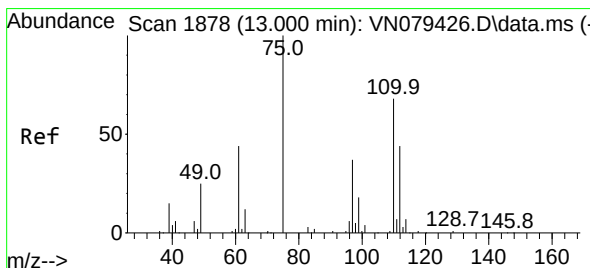
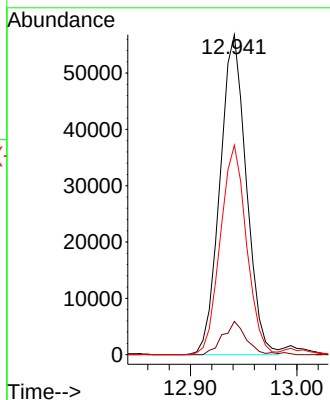
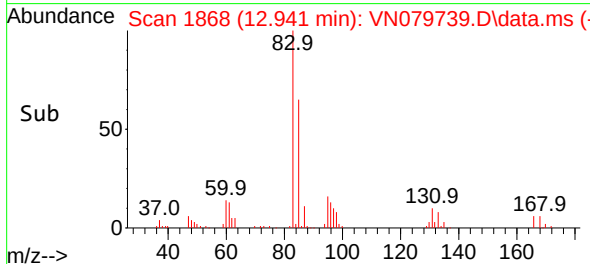
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 83 Resp: 97610
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 65.0 31.9 95.7

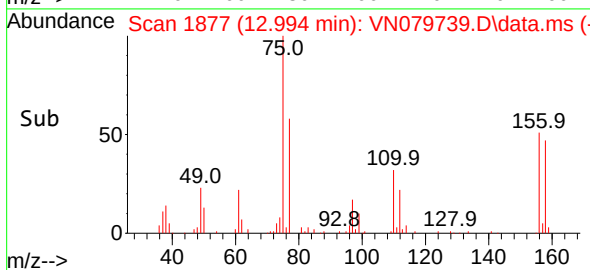
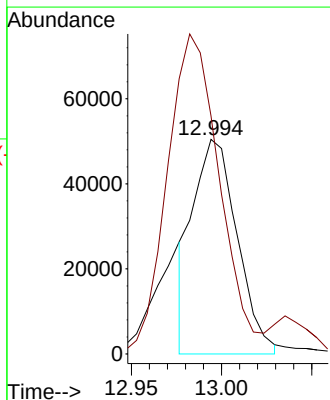
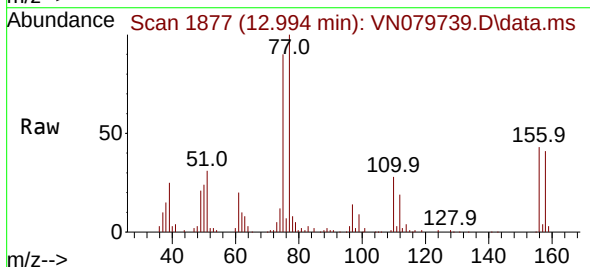
Manual Integrations
APPROVED

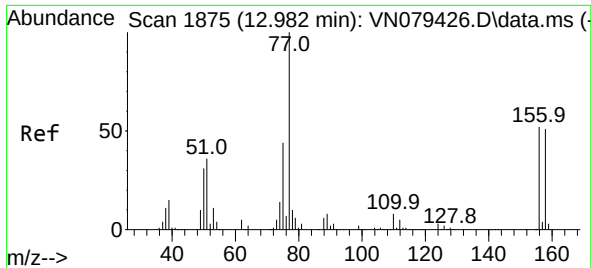
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#76
1,2,3-Trichloropropane
Concen: 18.277 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

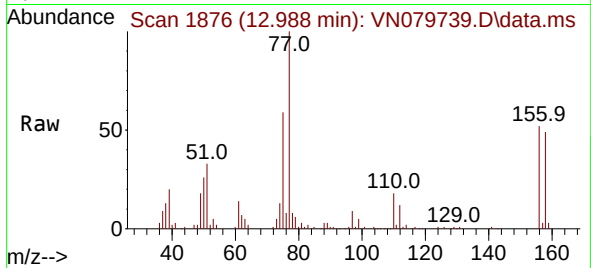
Tgt Ion: 75 Resp: 85738
Ion Ratio Lower Upper
75 100
77 177.6 84.5 253.5





#77
Bromobenzene
Concen: 18.077 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

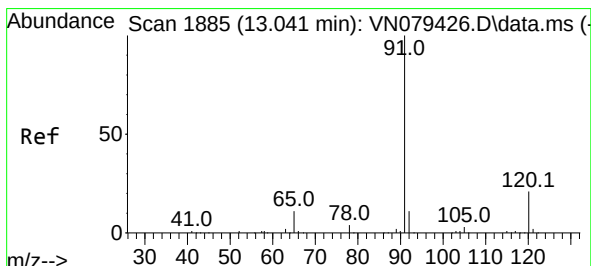
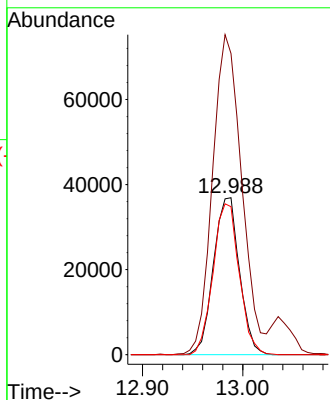
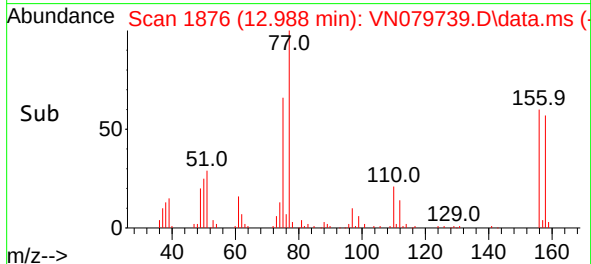
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



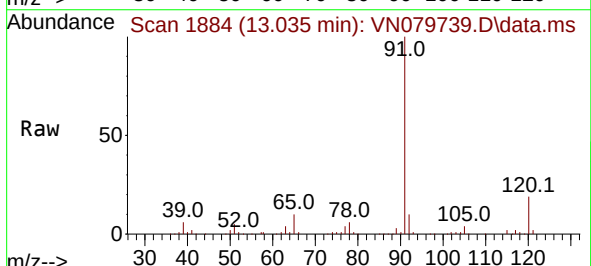
Tgt Ion:156 Resp: 6652
Ion Ratio Lower Upper
156 100
77 229.0 107.7 323.3
158 96.7 48.4 145.3

Manual Integrations
APPROVED

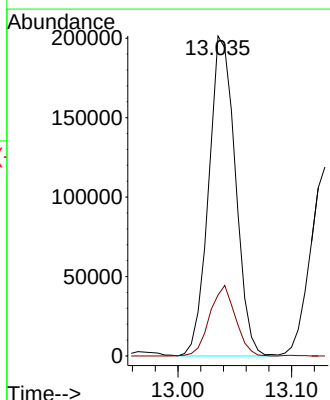
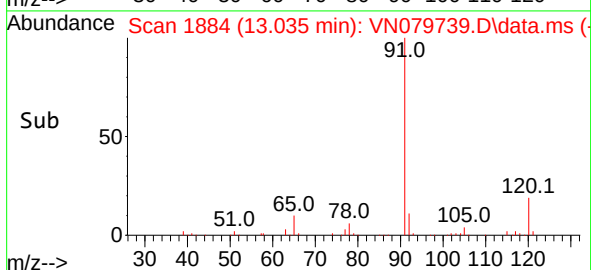
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

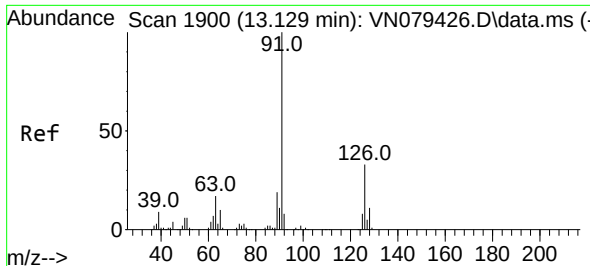


#78
n-propylbenzene
Concen: 18.263 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



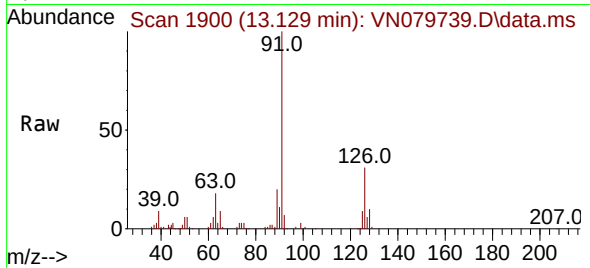
Tgt Ion: 91 Resp: 329207
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 17.878 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

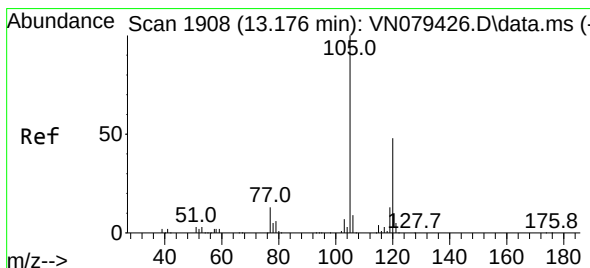
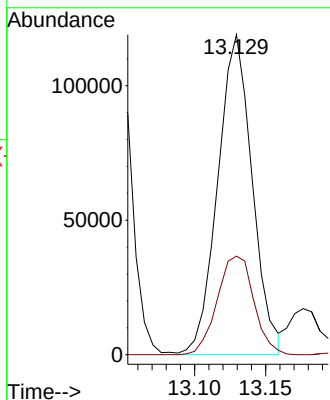
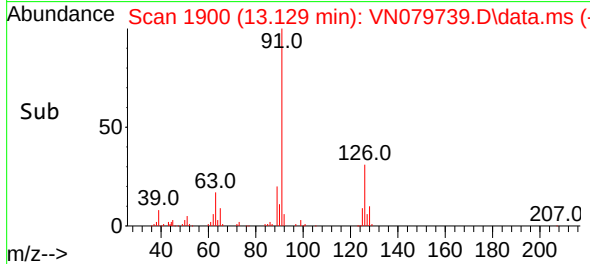
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 91 Resp: 20088
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

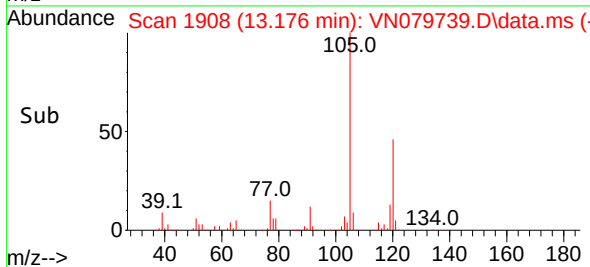
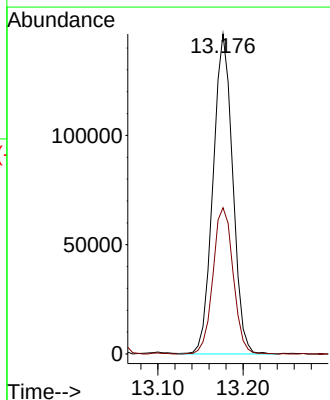
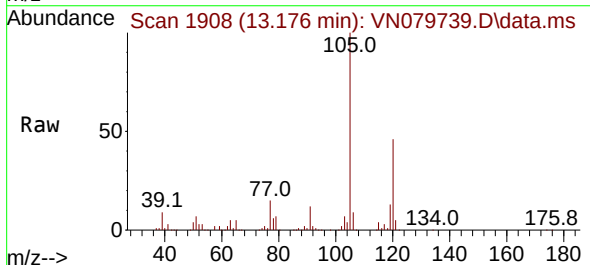
Manual Integrations
APPROVED

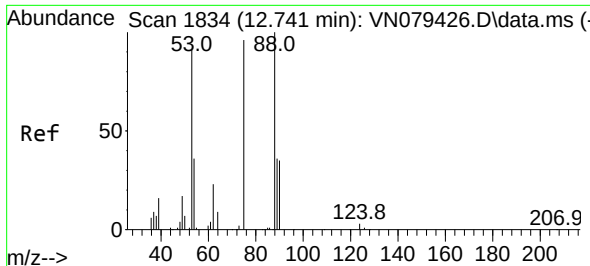
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.398 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

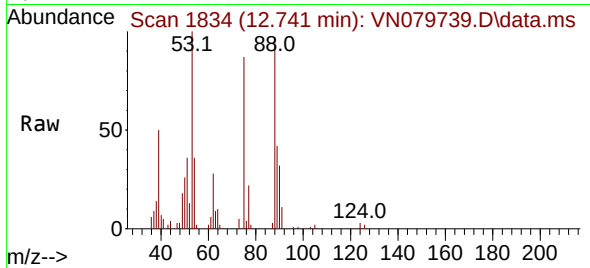
Tgt Ion:105 Resp: 234681
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.970 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

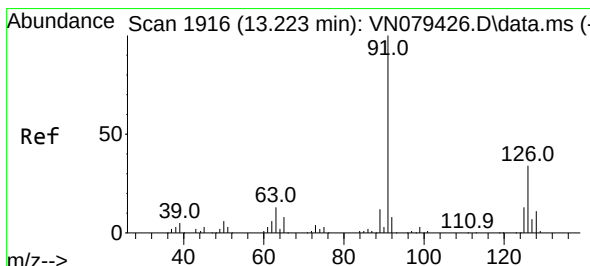
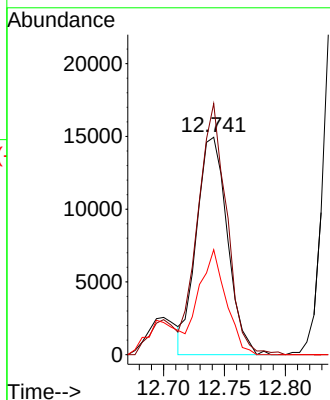
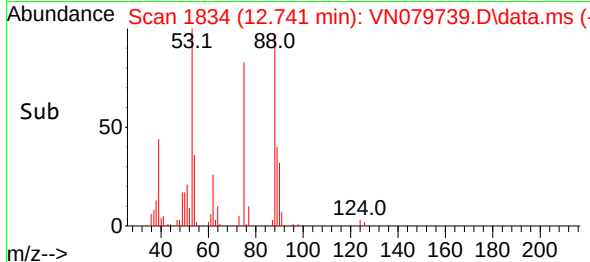
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 75 Resp: 2639
Ion Ratio Lower Upper
75 100
53 107.8 67.4 101.2
89 42.1 38.8 58.2

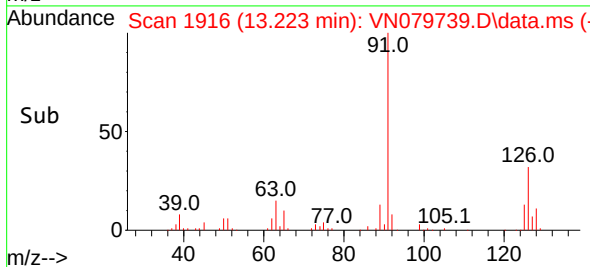
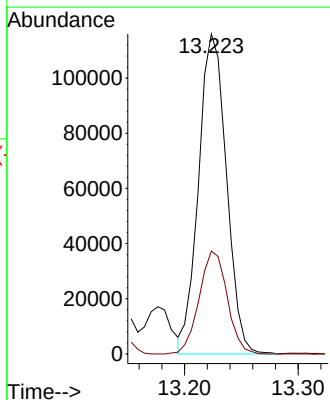
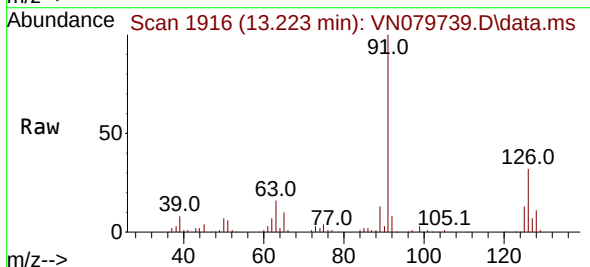
Manual Integrations
APPROVED

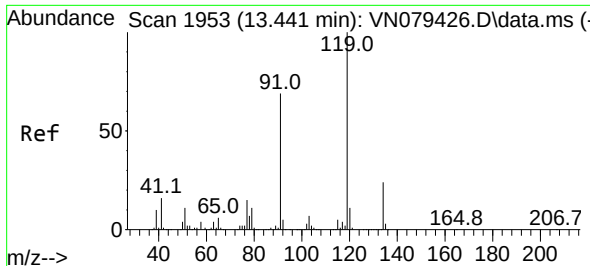
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#82
4-Chlorotoluene
Concen: 18.307 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

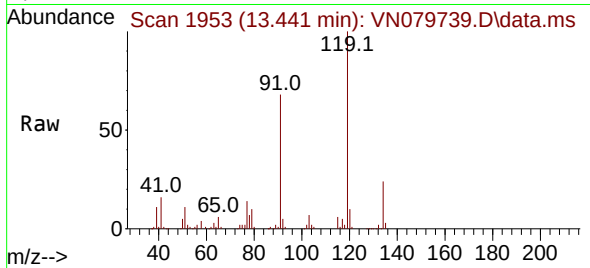
Tgt Ion: 91 Resp: 197580
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.768 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

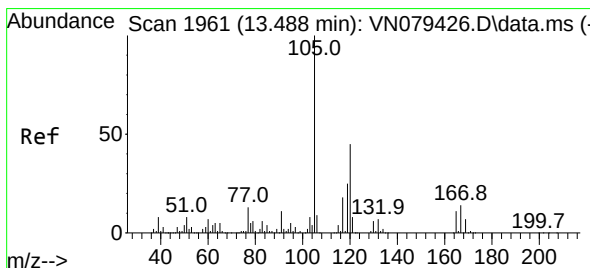
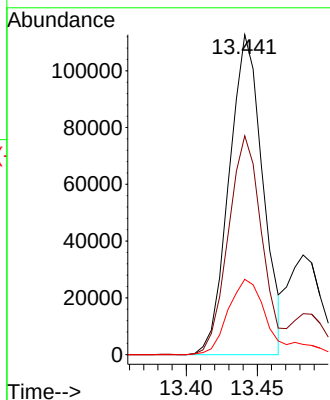
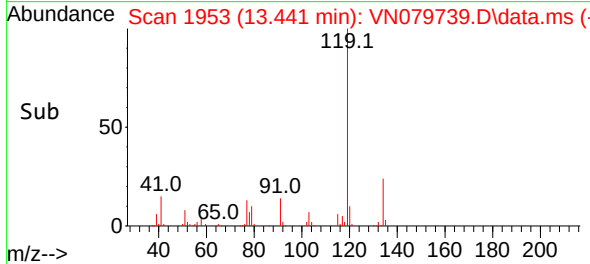
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



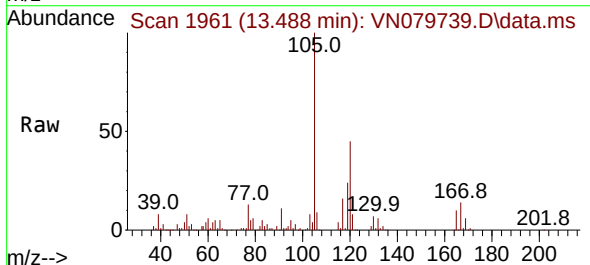
Tgt Ion:119 Resp: 185749
Ion Ratio Lower Upper
119 100
91 69.4 33.9 101.7
134 28.5 13.2 39.6

Manual Integrations
APPROVED

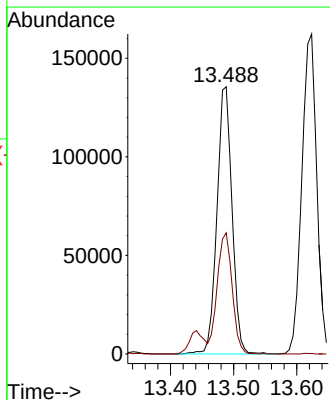
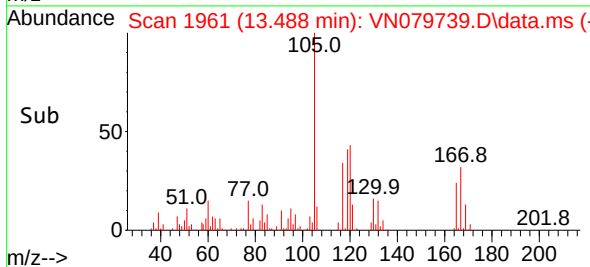
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

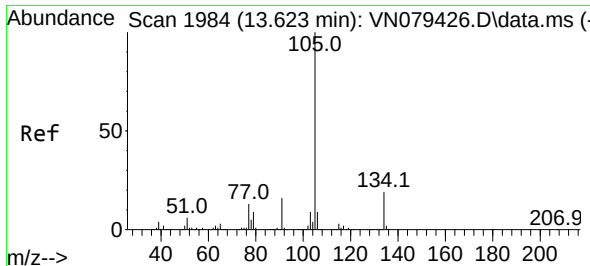


#84
1,2,4-Trimethylbenzene
Concen: 18.293 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



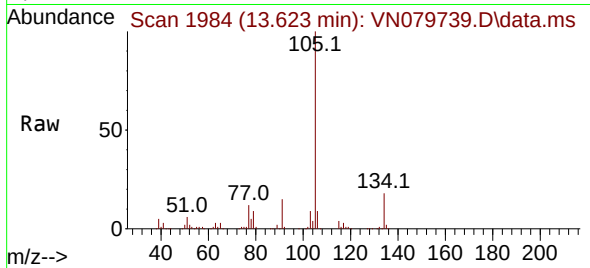
Tgt Ion:105 Resp: 225111
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.253 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079739.D
 Acq: 31 Oct 2023 13:00

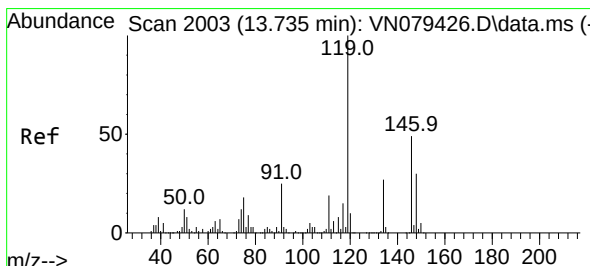
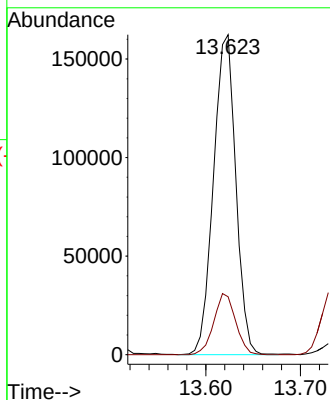
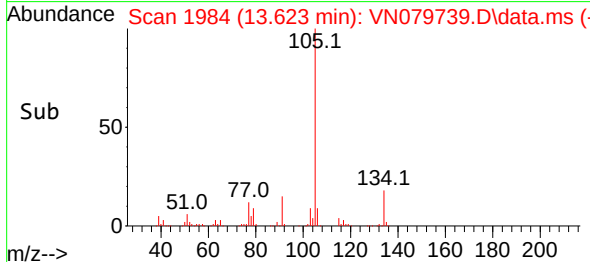
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01



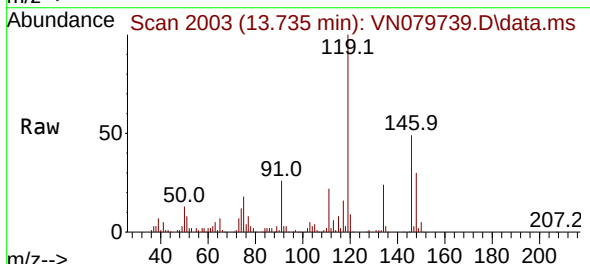
Tgt Ion:105 Resp: 266150
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3

Manual Integrations
 APPROVED

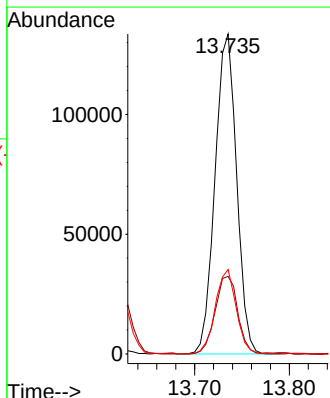
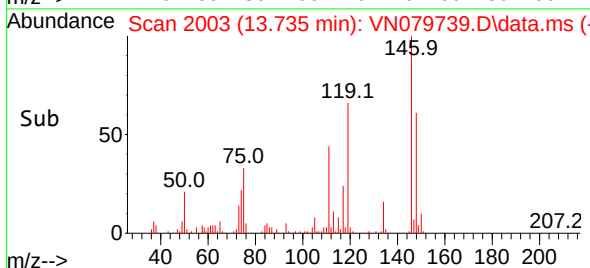
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

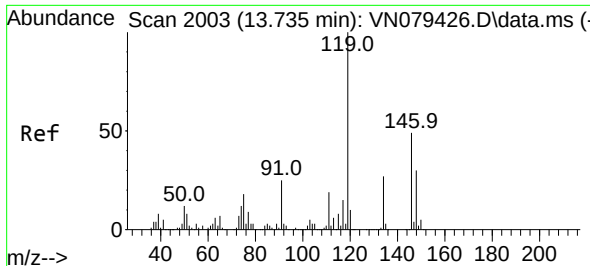


#86
 p-Isopropyltoluene
 Concen: 18.245 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079739.D
 Acq: 31 Oct 2023 13:00



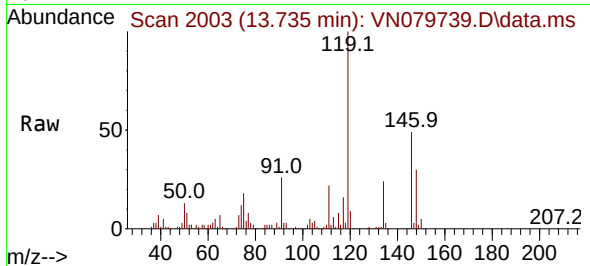
Tgt Ion:119 Resp: 211896
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.890 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

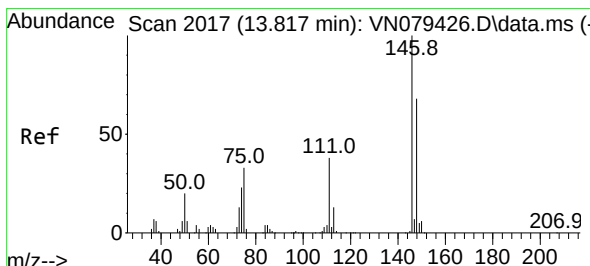
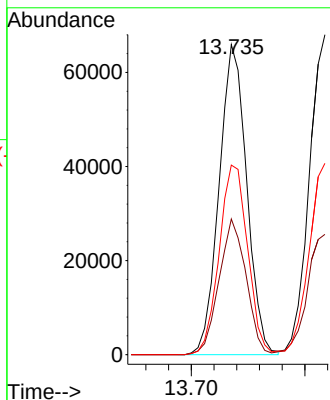
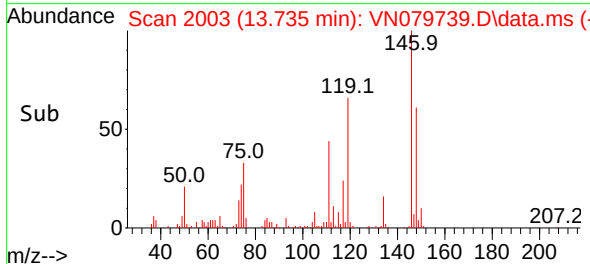
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



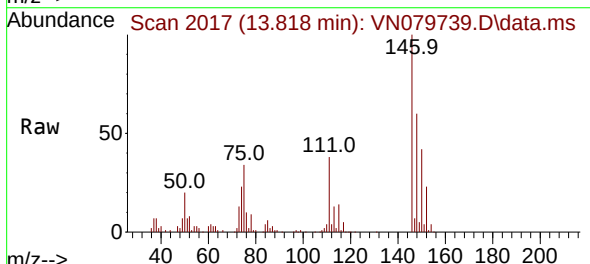
Tgt Ion:146 Resp: 111374
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.3
148 63.1 32.0 96.0

Manual Integrations
APPROVED

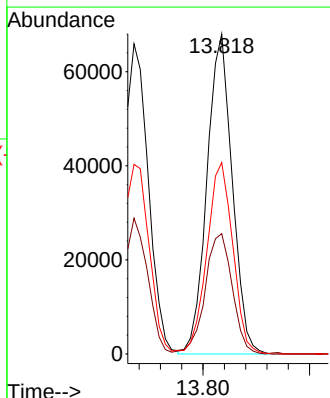
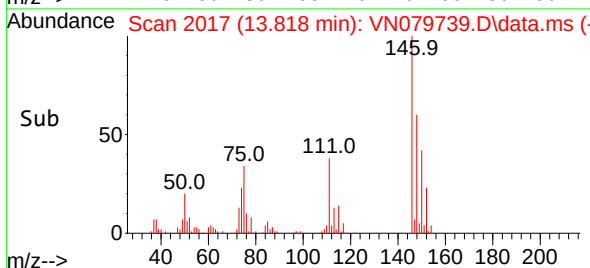
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

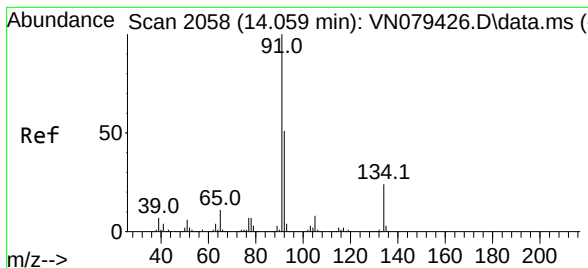


#88
1,4-Dichlorobenzene
Concen: 18.050 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



Tgt Ion:146 Resp: 111948
Ion Ratio Lower Upper
146 100
111 40.4 20.6 61.8
148 61.5 31.6 94.8





#89

n-Butylbenzene

Concen: 17.284 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

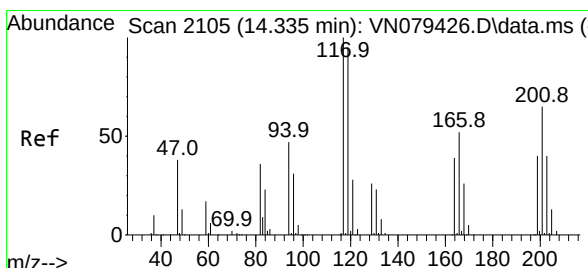
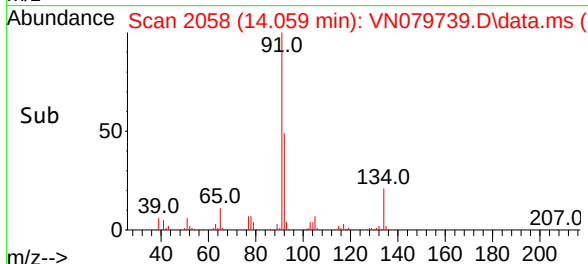
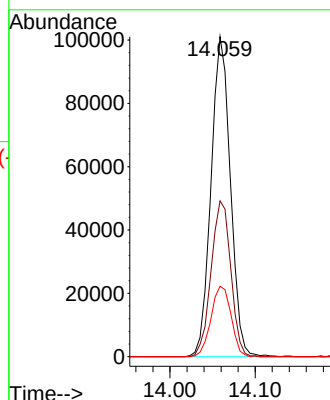
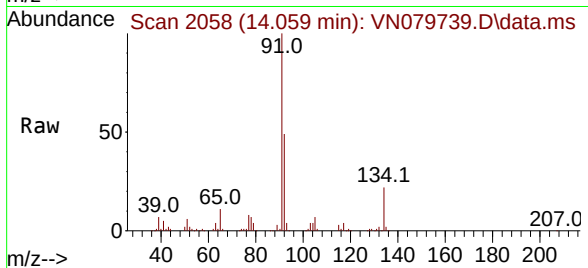
Tgt Ion:	91	Resp:	159479
Ion Ratio	Lower	Upper	
91	100		
92	49.4	26.4	79.0
134	22.9	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#90

Hexachloroethane

Concen: 18.238 ug/l

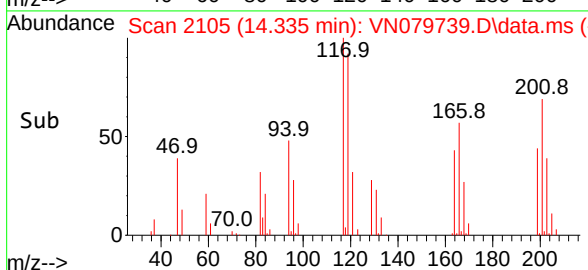
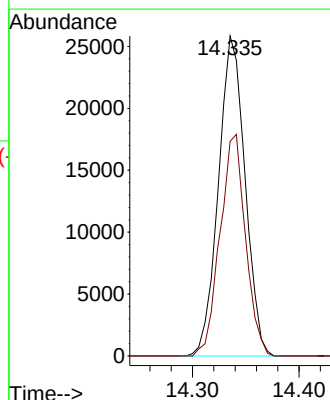
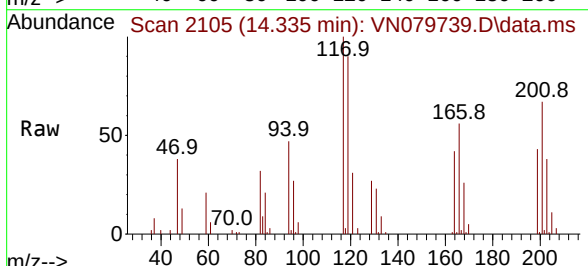
RT: 14.335 min Scan# 2105

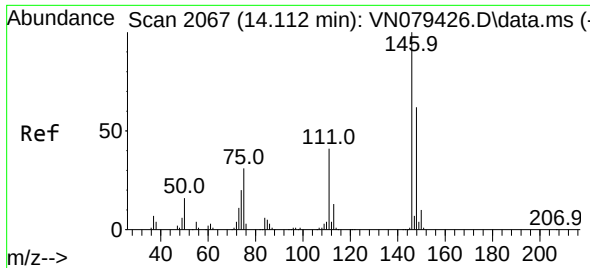
Delta R.T. 0.000 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

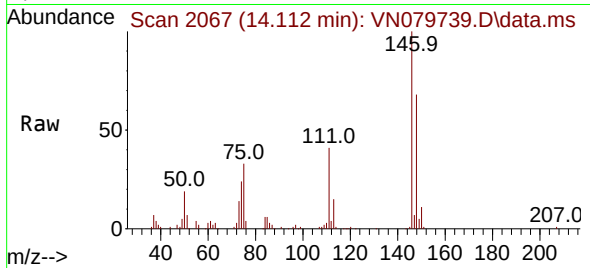
Tgt Ion:	117	Resp:	44755
Ion Ratio	Lower	Upper	
117	100		
201	66.6	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 17.814 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00

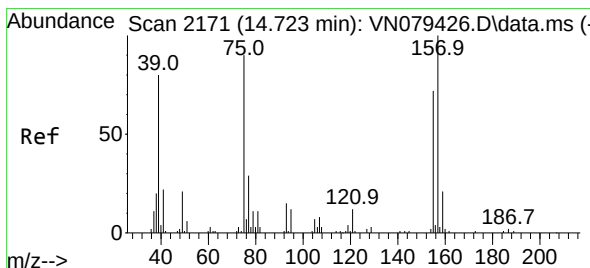
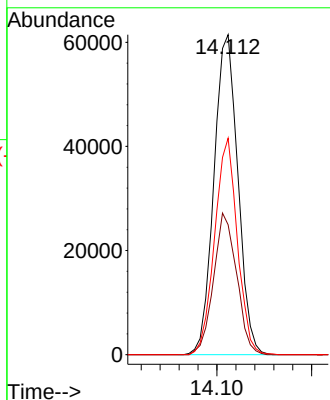
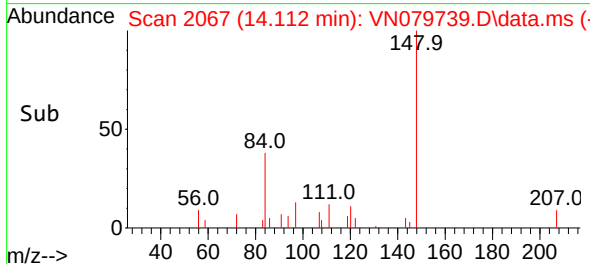
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



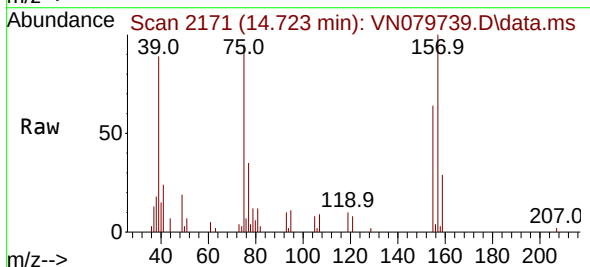
Tgt Ion:146 Resp: 10786
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.1 31.8 95.3

Manual Integrations
APPROVED

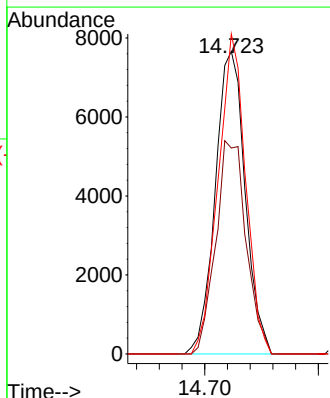
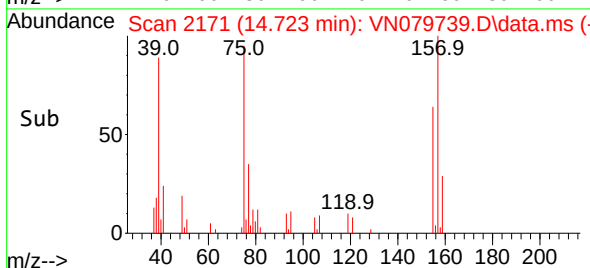
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

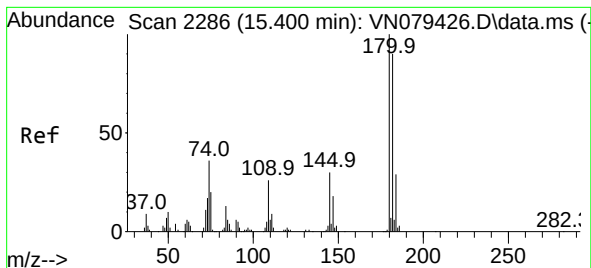


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.385 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079739.D
Acq: 31 Oct 2023 13:00



Tgt Ion: 75 Resp: 13999
Ion Ratio Lower Upper
75 100
155 71.6 39.1 117.2
157 97.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.554 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

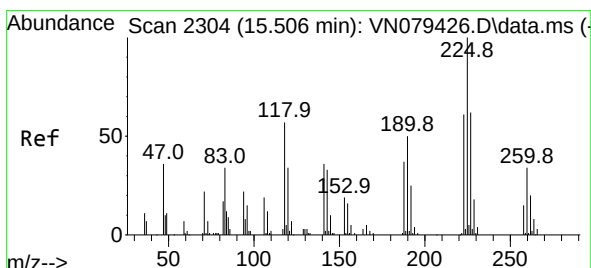
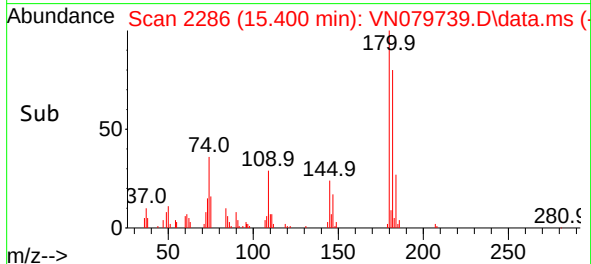
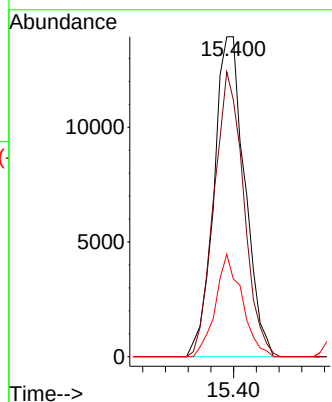
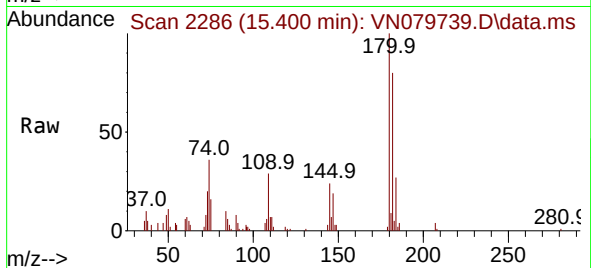
Tgt Ion:	180	Resp:	2626
Ion Ratio	Lower	Upper	
180	100		
182	85.8	46.1	138.2
145	27.5	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#94

Hexachlorobutadiene

Concen: 17.154 ug/l

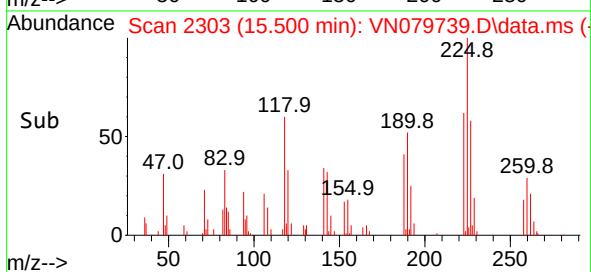
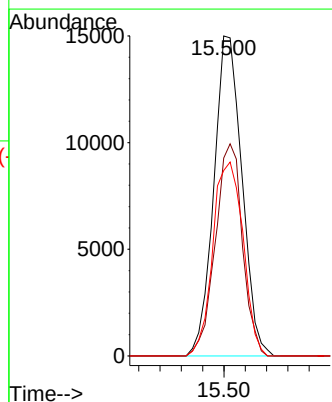
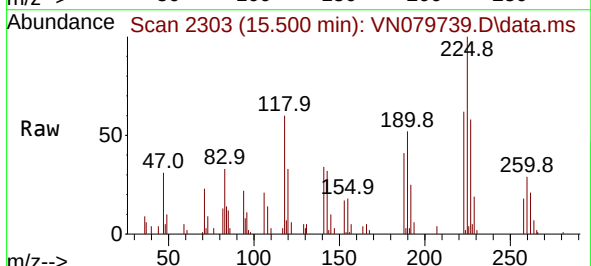
RT: 15.500 min Scan# 2303

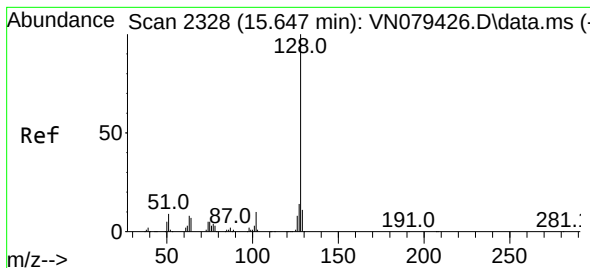
Delta R.T. -0.006 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Tgt Ion:	225	Resp:	27471
Ion Ratio	Lower	Upper	
225	100		
223	63.9	31.3	93.8
227	65.0	31.9	95.9





#95

Naphthalene

Concen: 11.710 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

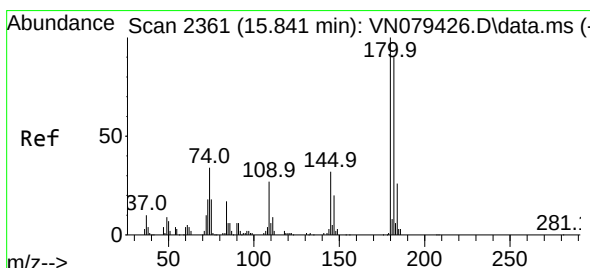
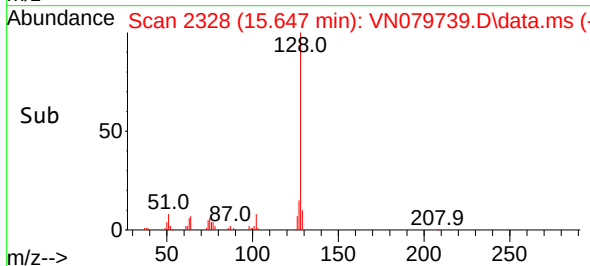
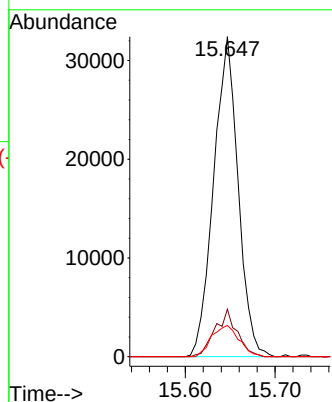
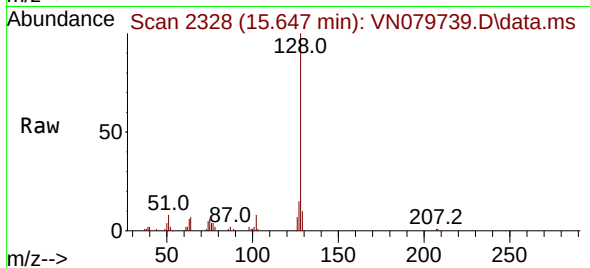
Tgt Ion:	128	Resp:	6135
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.0	15.0
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.200 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079739.D

Acq: 31 Oct 2023 13:00

Tgt Ion:	180	Resp:	28619
Ion Ratio	Lower	Upper	
180	100		
182	92.1	46.2	138.6
145	35.0	17.5	52.6

