

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078084.D
 Acq On : 06 Jun 2023 23:22
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 07 04:33:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:32:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	429302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	785661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	641552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186602	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.136	85	6000	1.236	ug/l	99
3) Chloromethane	2.371	50	7301	1.392	ug/l #	85
4) Vinyl Chloride	2.524	62	7464	1.175	ug/l	97
6) Chloroethane	3.136	64	5380	1.242	ug/l #	82
7) Trichlorofluoromethane	3.518	101	10312	1.197	ug/l	92
8) Diethyl Ether	3.965	74	3555	1.174	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	5047	1.110	ug/l #	76
12) 1,1-Dichloroethene	4.360	96	5670m	1.329	ug/l	
14) Allyl chloride	5.024	41	6020	1.052	ug/l #	79
15) Acrylonitrile	5.742	53	10447	5.127	ug/l #	83
16) Acetone	4.460	43	10105	6.133	ug/l #	77
17) Carbon Disulfide	4.718	76	14574	1.208	ug/l #	89
18) Methyl Acetate	5.036	43	9532	1.257	ug/l #	78
19) Methyl tert-butyl Ether	5.795	73	15583m	1.042	ug/l	
20) Methylene Chloride	5.295	84	6659	1.223	ug/l #	87
21) trans-1,2-Dichloroethene	5.801	96	5565	1.101	ug/l #	80
22) Diisopropyl ether	6.689	45	14323	1.064	ug/l	97
23) Vinyl Acetate	6.618	43	39327	4.915	ug/l #	84
24) 1,1-Dichloroethane	6.583	63	9566	1.077	ug/l	98
25) 2-Butanone	7.506	43	12587	4.968	ug/l #	72
26) 2,2-Dichloropropane	7.489	77	6777	1.034	ug/l	91
27) cis-1,2-Dichloroethene	7.500	96	7113	1.179	ug/l	93
28) Bromochloromethane	7.818	49	4242	1.040	ug/l #	97
29) Tetrahydrofuran	7.848	42	9271	5.474	ug/l #	83
30) Chloroform	7.977	83	10351	1.083	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	7950	0.947	ug/l #	44
36) 1,1-Dichloropropene	8.371	75	7075	0.993	ug/l #	92
37) Ethyl Acetate	7.571	43	5651	1.015	ug/l #	89
38) Carbon Tetrachloride	8.365	117	7759	1.031	ug/l #	95
39) Methylcyclohexane	9.612	83	7576	1.026	ug/l	92
40) Benzene	8.612	78	21705	1.020	ug/l #	89
41) Methacrylonitrile	7.795	41	3442	1.141	ug/l #	67
42) 1,2-Dichloroethane	8.677	62	7962	1.092	ug/l	91
43) Isopropyl Acetate	8.706	43	12816	1.204	ug/l #	55
44) Trichloroethene	9.353	130	6112	1.088	ug/l	93
45) 1,2-Dichloropropane	9.624	63	5357	1.012	ug/l	95

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Reviewed By : John Carlone 06/07/2023
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Quant Time: Jun 07 04:33:20 2023
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4316	1.107	ug/l	97
47) Bromodichloromethane	9.889	83	6657	0.919	ug/l	93
48) Methyl methacrylate	9.689	41	4349	0.973	ug/l #	89
49) 1,4-Dioxane	9.706	88	2225	23.696	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	28400	5.066	ug/l	94
52) Toluene	10.636	92	13741	1.023	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	7251	0.961	ug/l #	78
54) cis-1,3-Dichloropropene	10.324	75	7956	0.954	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	4422	0.870	ug/l #	64
56) Ethyl methacrylate	10.877	69	6574	0.889	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	8109	0.946	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.165	63	12187	4.078	ug/l	98
59) 2-Hexanone	11.206	43	18353	4.702	ug/l	93
60) Dibromochloromethane	11.365	129	5385	0.969	ug/l	94
61) 1,2-Dibromoethane	11.471	107	5359	1.005	ug/l	92
64) Tetrachloroethene	11.106	164	5003	1.169	ug/l #	64
65) Chlorobenzene	11.900	112	14708	1.071	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.971	131	5247	1.038	ug/l #	62
67) Ethyl Benzene	11.971	91	23149	0.976	ug/l	95
68) m/p-Xylenes	12.071	106	17701	1.959	ug/l	98
69) o-Xylene	12.406	106	8274	0.933	ug/l	85
70) Styrene	12.418	104	12920	0.925	ug/l	95
71) Bromoform	12.588	173	2992	0.917	ug/l #	96
73) Isopropylbenzene	12.700	105	19922	1.129	ug/l	98
74) N-amyl acetate	12.500	43	6672	1.148	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.947	83	6779	1.211	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	5285m	1.193	ug/l	
77) Bromobenzene	12.982	156	4386	1.071	ug/l	79
78) n-propylbenzene	13.041	91	20952	1.093	ug/l	96
79) 2-Chlorotoluene	13.130	91	15072	1.218	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	16130	1.129	ug/l	95
82) 4-Chlorotoluene	13.230	91	13257	1.148	ug/l	97
83) tert-Butylbenzene	13.441	119	14295	1.151	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	14501	1.047	ug/l	97
85) sec-Butylbenzene	13.624	105	17989	1.107	ug/l	90
86) p-Isopropyltoluene	13.735	119	13638	1.034	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	8036	1.160	ug/l	93
88) 1,4-Dichlorobenzene	13.818	146	7676m	1.148	ug/l	
89) n-Butylbenzene	14.059	91	10940	1.052	ug/l	95
90) Hexachloroethane	14.335	117	2568	1.097	ug/l	83
91) 1,2-Dichlorobenzene	14.118	146	7463	1.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	900	1.030	ug/l	70
93) 1,2,4-Trichlorobenzene	15.388	180	2090	0.866	ug/l #	18
94) Hexachlorobutadiene	15.506	225	1787	1.274	ug/l #	66
95) Naphthalene	15.653	128	7398	0.912	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.847	180	2858	1.059	ug/l	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

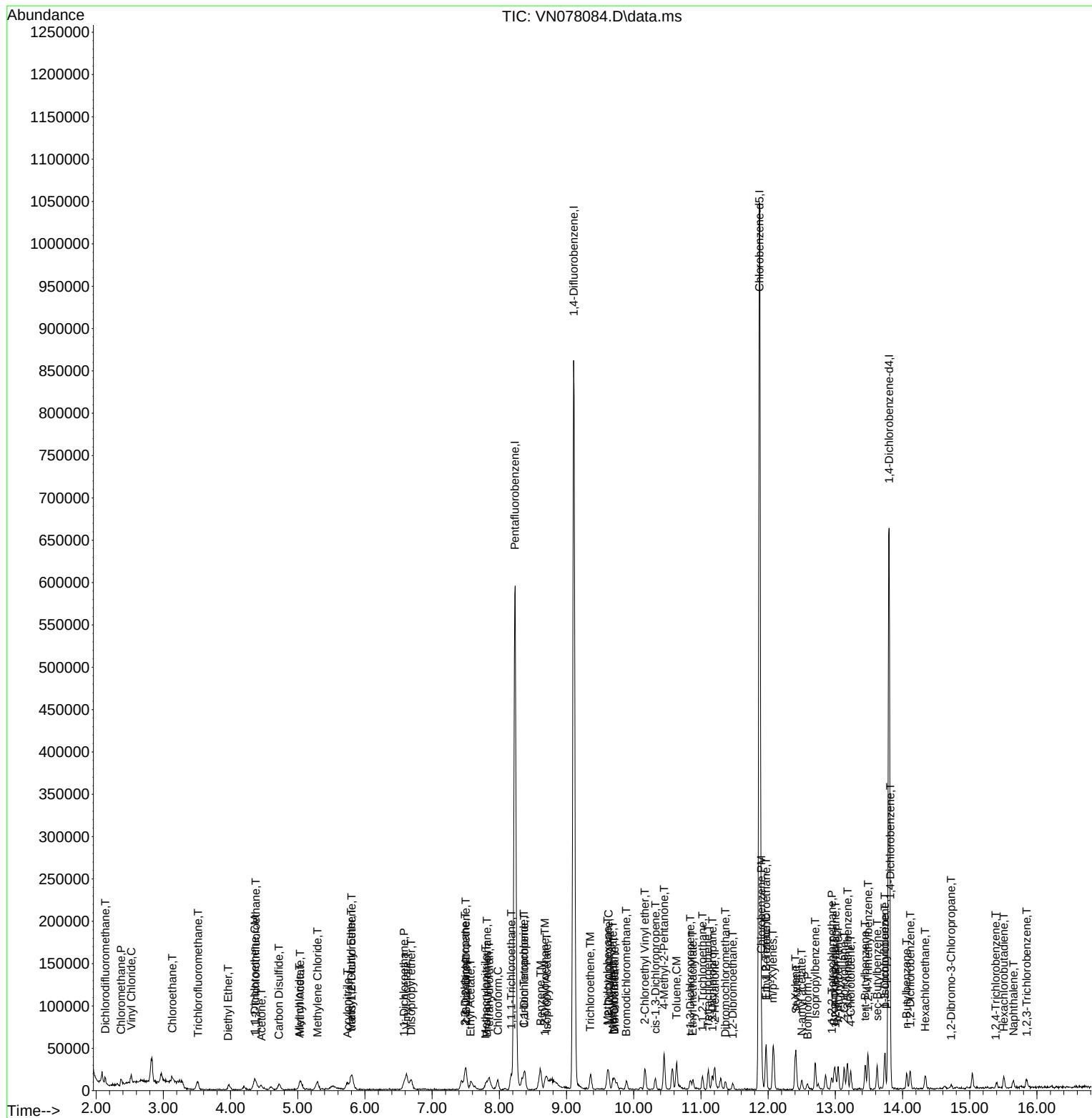
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
Data File : VN078084.D
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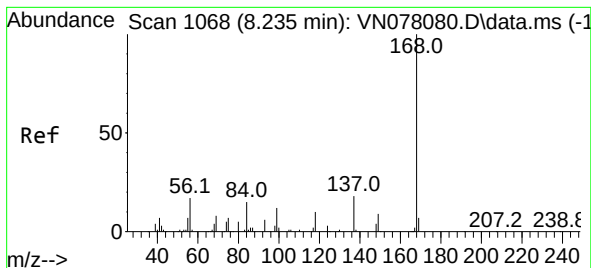
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

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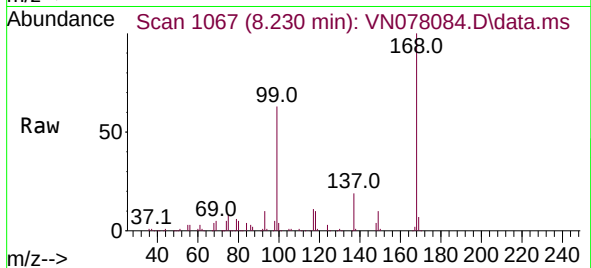
Quant Time: Jun 07 04:33:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 04:32:59 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

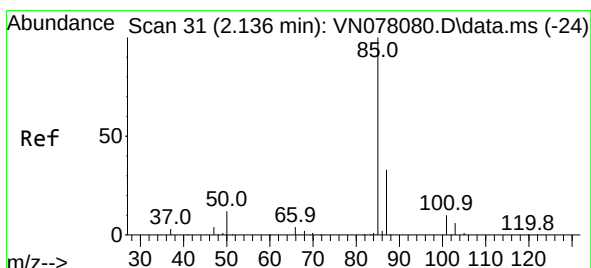
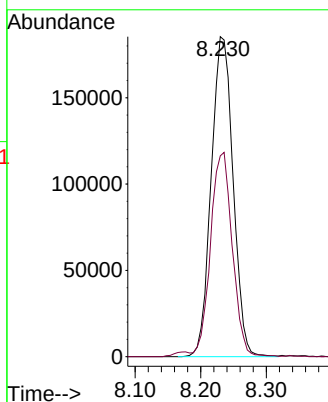
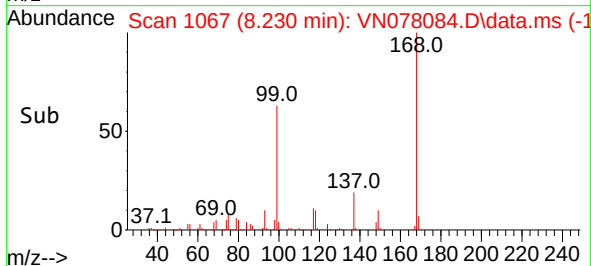
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 42930
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6

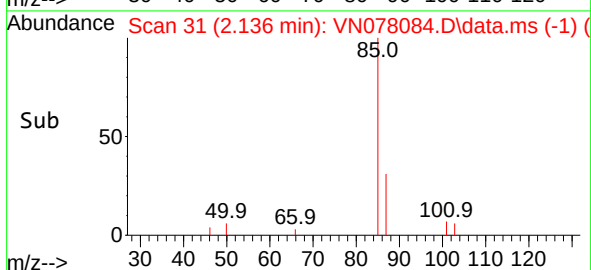
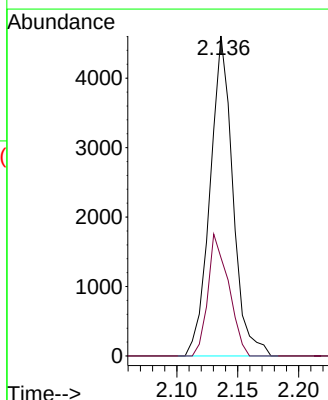
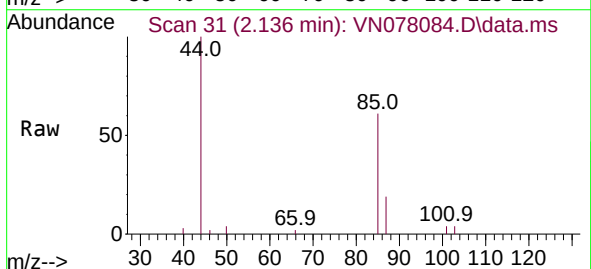
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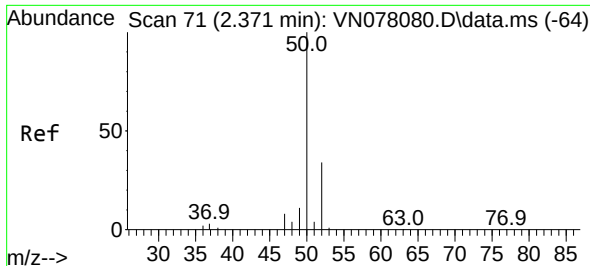
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#2
Dichlorodifluoromethane
Concen: 1.236 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

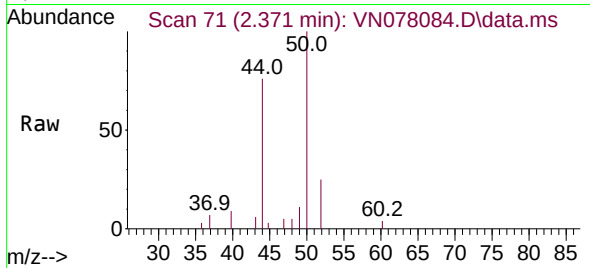
Tgt Ion: 85 Resp: 6000
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





#3
Chloromethane
Concen: 1.392 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

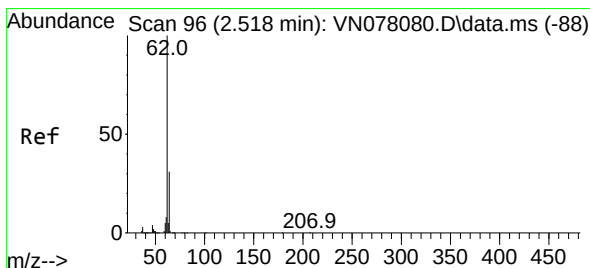
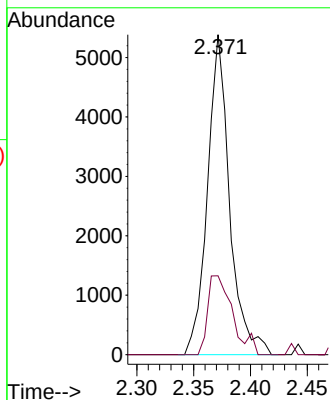
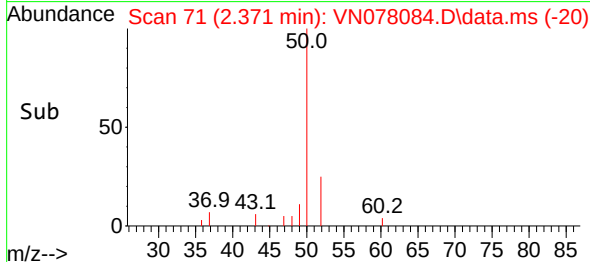
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 50 Resp: 730
Ion Ratio Lower Upper
50 100
52 24.6 26.5 39.7

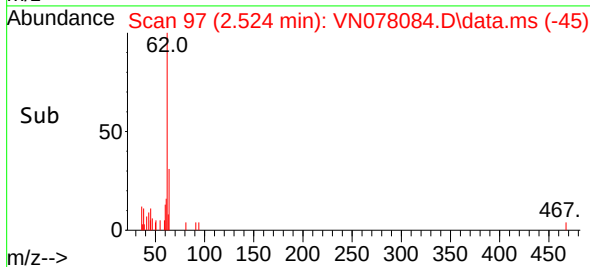
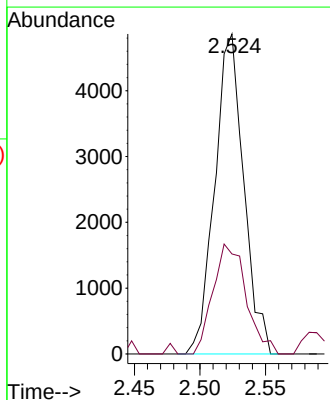
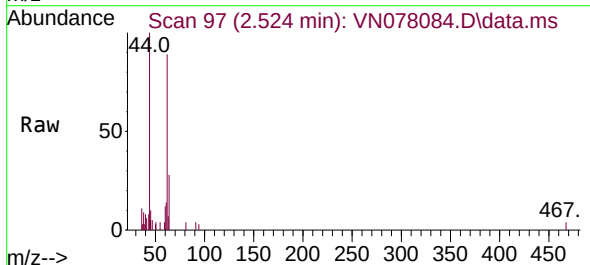
Manual Integrations
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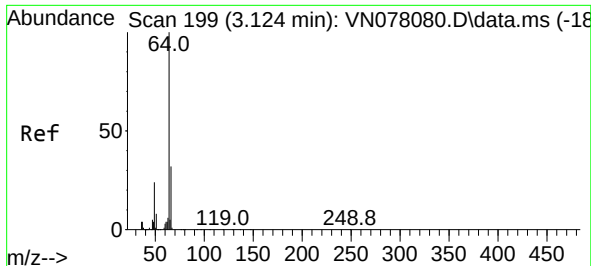
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#4
Vinyl Chloride
Concen: 1.175 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion: 62 Resp: 7464
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





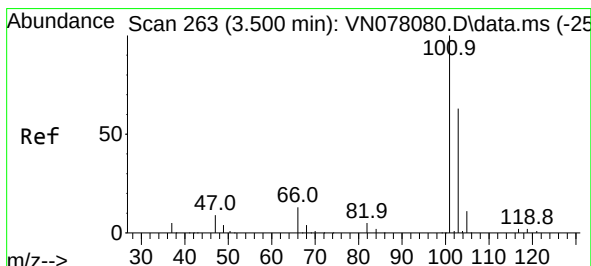
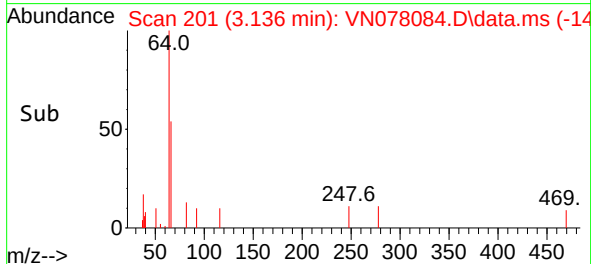
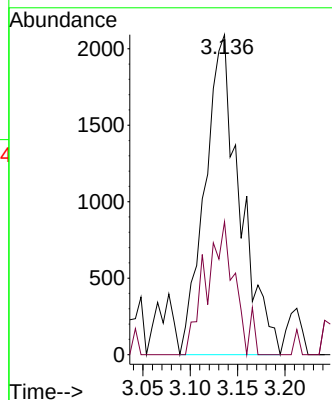
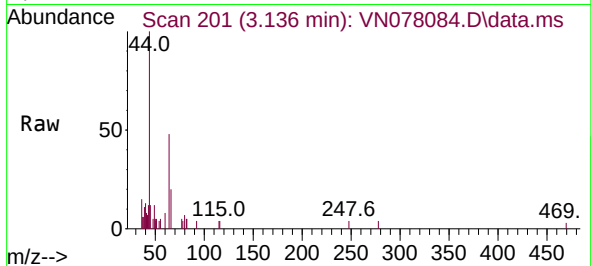
#6
Chloroethane
Concen: 1.242 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 5380
Ion Ratio Lower Upper
64 100
66 41.5 25.4 38.2

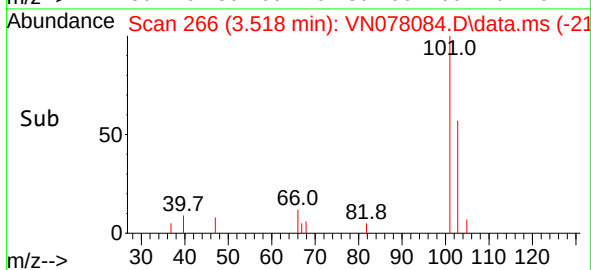
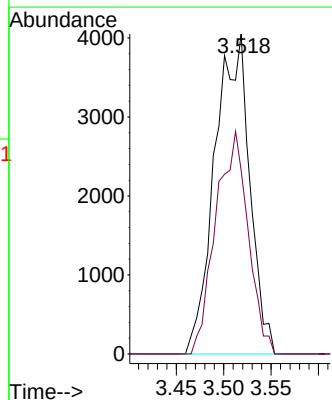
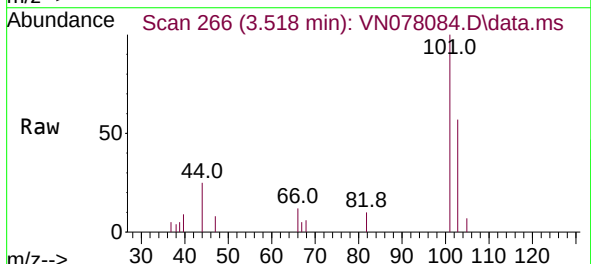
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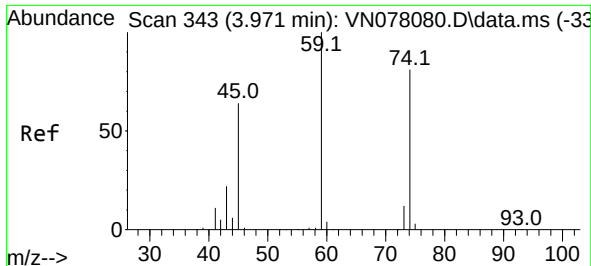
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#7
Trichlorofluoromethane
Concen: 1.197 ug/l
RT: 3.518 min Scan# 266
Delta R.T. 0.018 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

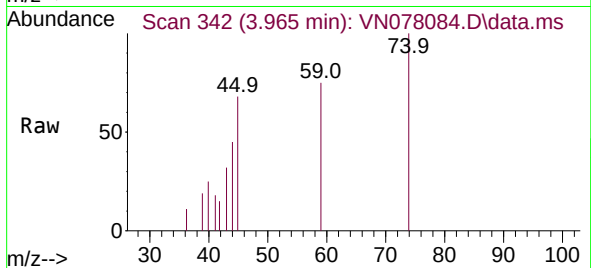
Tgt Ion:101 Resp: 10312
Ion Ratio Lower Upper
101 100
103 57.3 50.7 76.1





#8
Diethyl Ether
Concen: 1.174 ug/l
RT: 3.965 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078084.D
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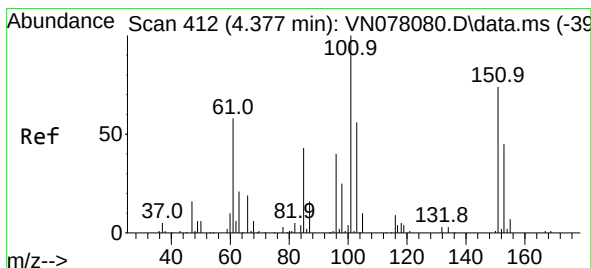
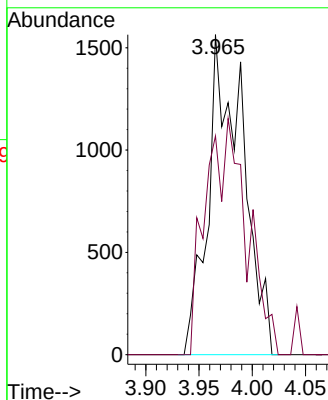
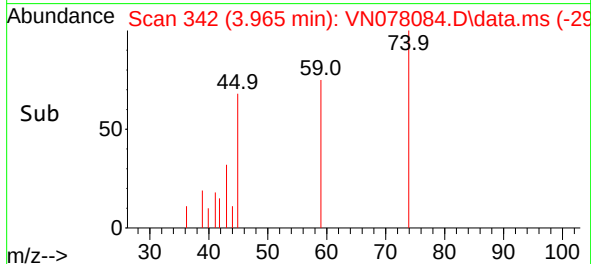
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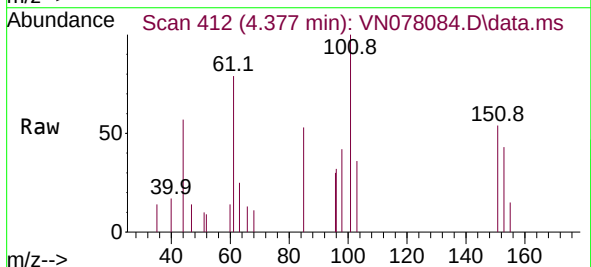
Tgt Ion: 74 Resp: 355
Ion Ratio Lower Upper
74 100
45 39.5 34.4 103.3

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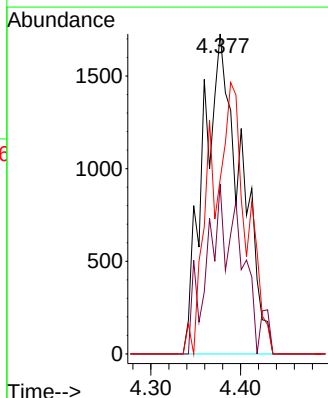
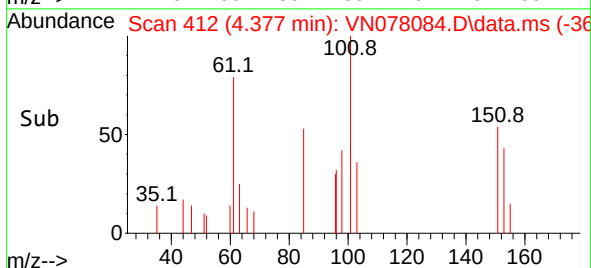
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

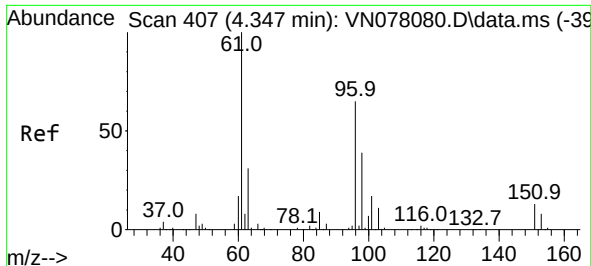


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.110 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



Tgt Ion:101 Resp: 5047
Ion Ratio Lower Upper
101 100
85 25.2 36.6 55.0#
151 56.2 57.6 86.4#





#12

1,1-Dichloroethene

Concen: 1.329 ug/l m

RT: 4.360 min Scan# 407

Delta R.T. 0.012 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 96 Resp: 5670

Ion Ratio Lower Upper

96 100

61 139.8 112.7 169.1

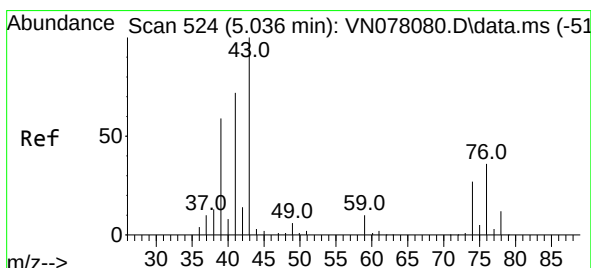
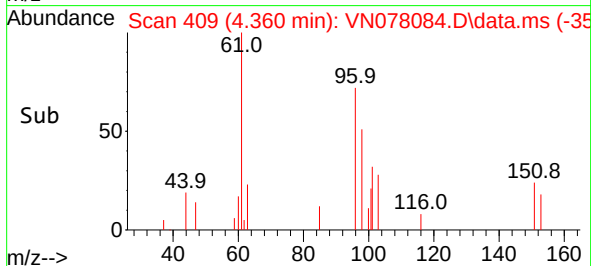
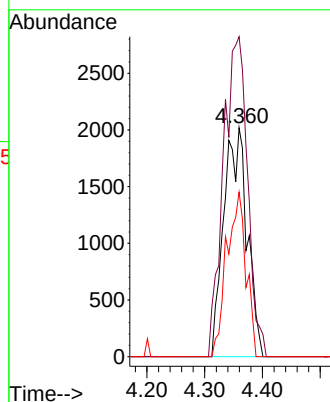
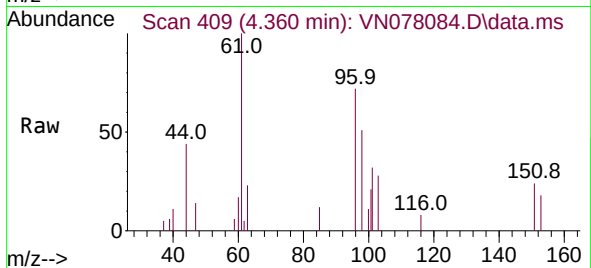
98 71.8 51.2 76.8

Manual Integrations

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#14

Allyl chloride

Concen: 1.052 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.011 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

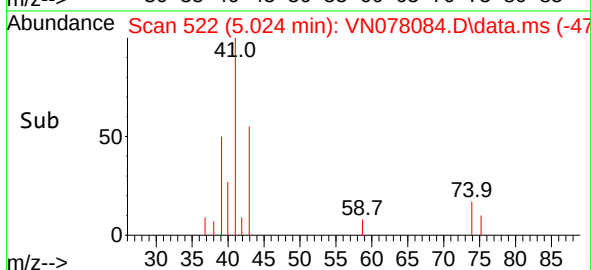
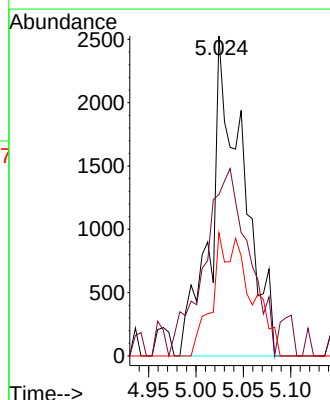
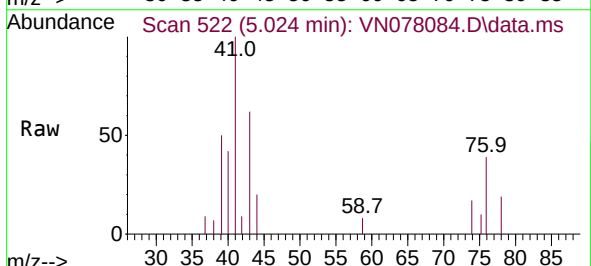
Tgt Ion: 41 Resp: 6020

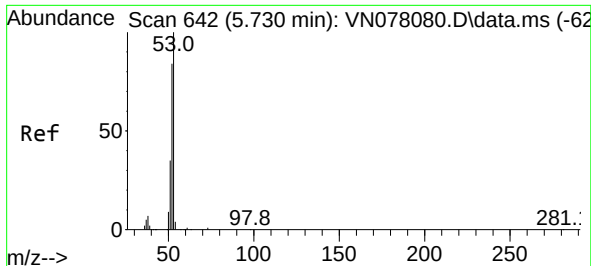
Ion Ratio Lower Upper

41 100

39 80.3 58.8 88.2

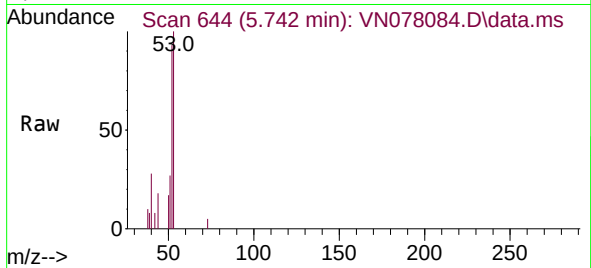
76 21.2 39.1 58.7#





#15
Acrylonitrile
Concen: 5.127 ug/l
RT: 5.742 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

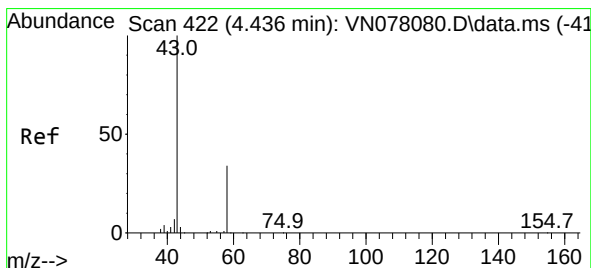
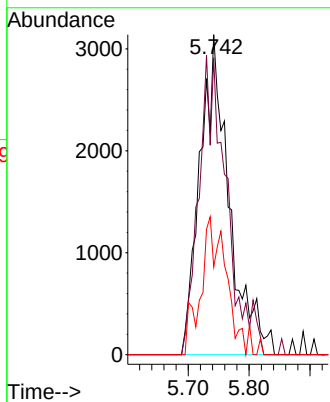
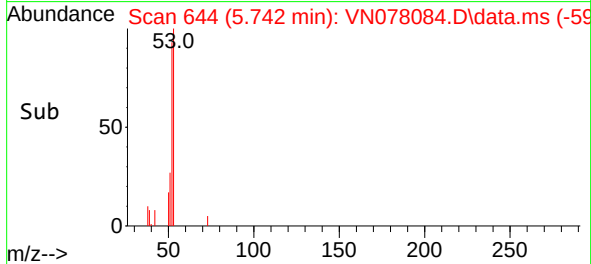
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



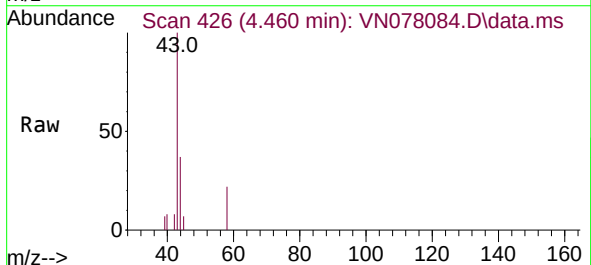
Tgt Ion: 53 Resp: 1044
Ion Ratio Lower Upper
53 100
52 86.1 65.3 97.9
51 10.9 28.9 43.3

Manual Integrations
APPROVED

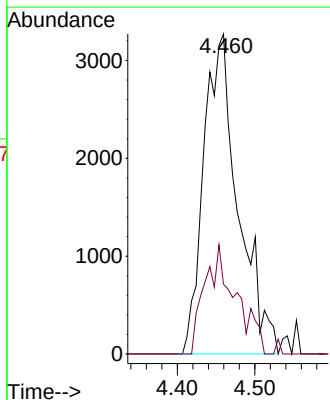
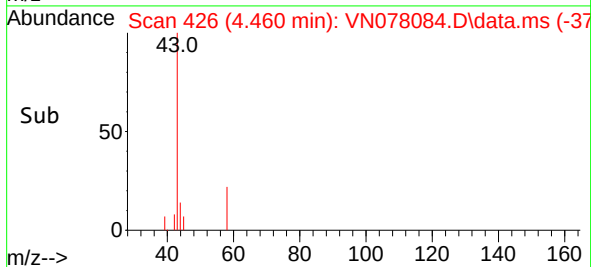
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

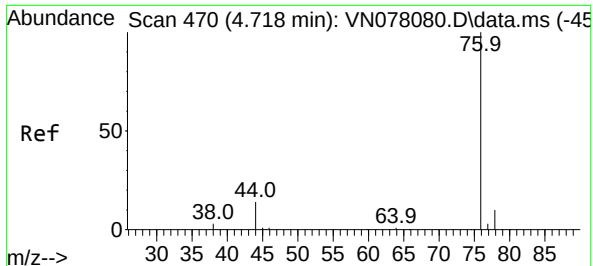


#16
Acetone
Concen: 6.133 ug/l
RT: 4.460 min Scan# 426
Delta R.T. 0.024 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



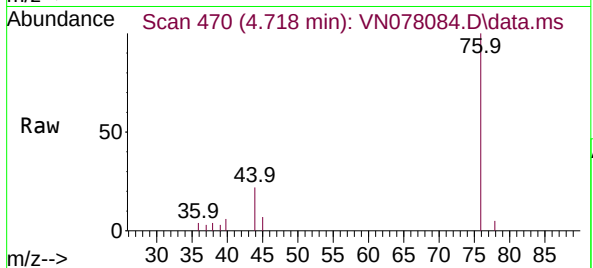
Tgt Ion: 43 Resp: 10105
Ion Ratio Lower Upper
43 100
58 21.8 28.0 42.0





#17
Carbon Disulfide
Concen: 1.208 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

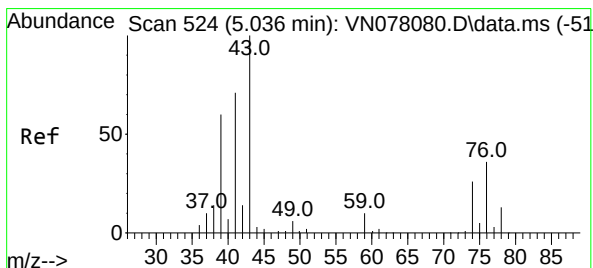
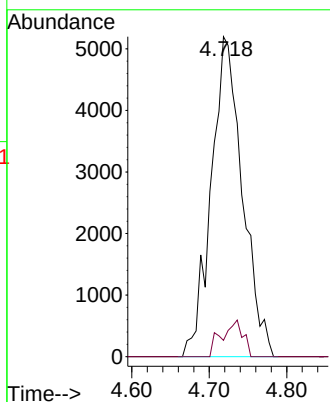
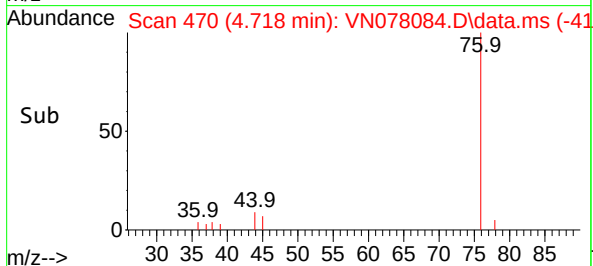
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



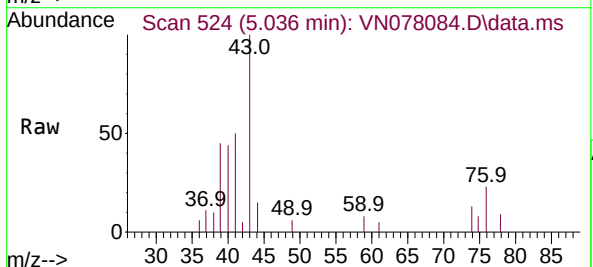
Tgt Ion: 76 Resp: 14574
Ion Ratio Lower Upper
76 100
78 5.1 7.4 11.0

Manual Integrations
APPROVED

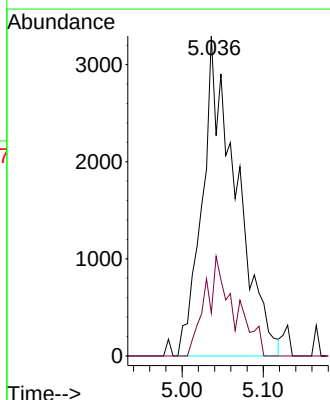
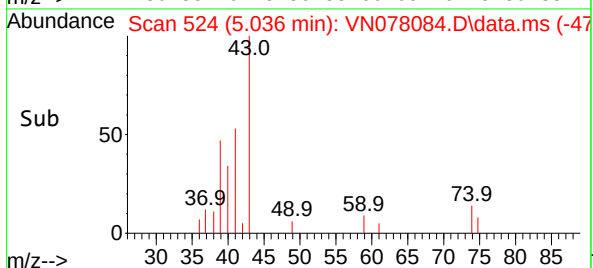
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

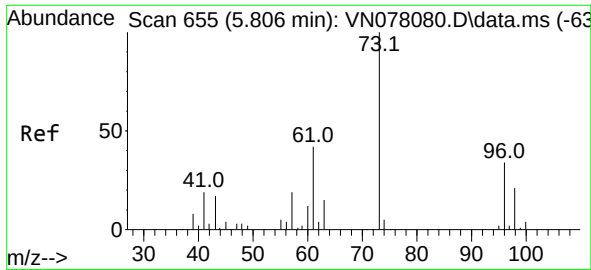


#18
Methyl Acetate
Concen: 1.257 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



Tgt Ion: 43 Resp: 9532
Ion Ratio Lower Upper
43 100
74 20.2 26.2 39.4





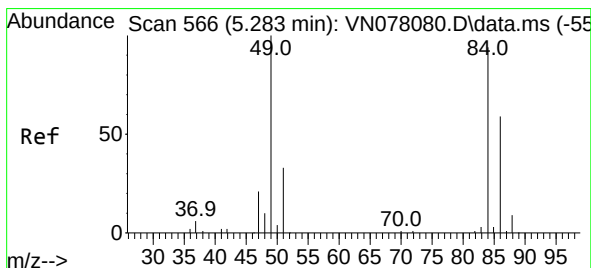
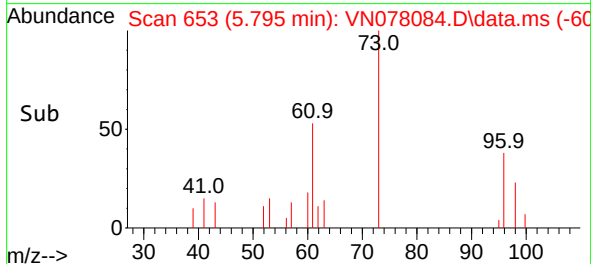
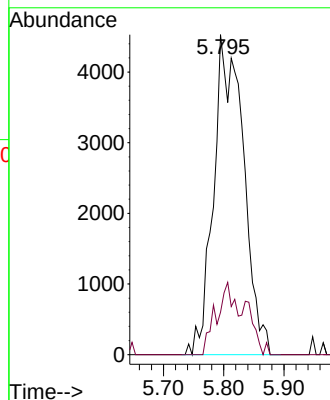
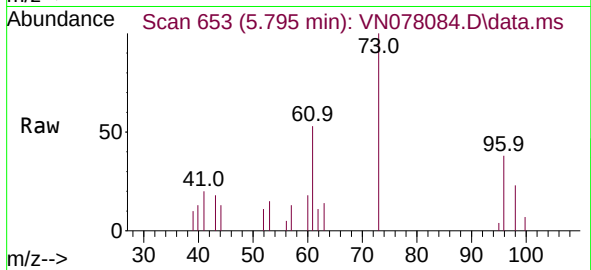
#19
Methyl tert-butyl Ether
Concen: 1.042 ug/l m
RT: 5.795 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 1558
Ion Ratio Lower Upper
73 100
57 13.2 15.6 23.4

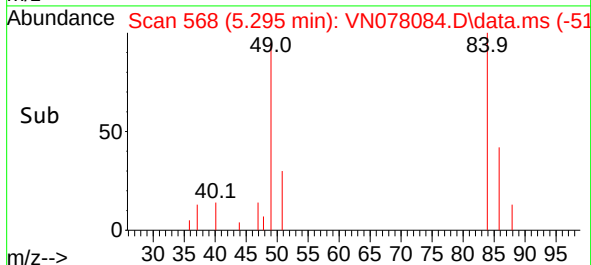
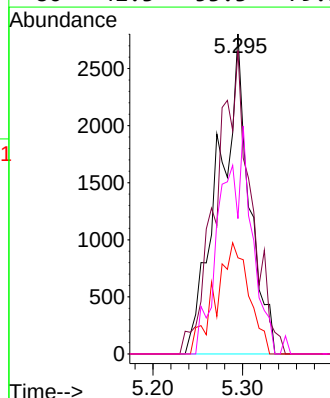
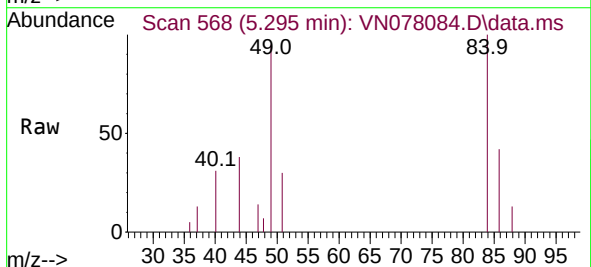
Manual Integrations
APPROVED

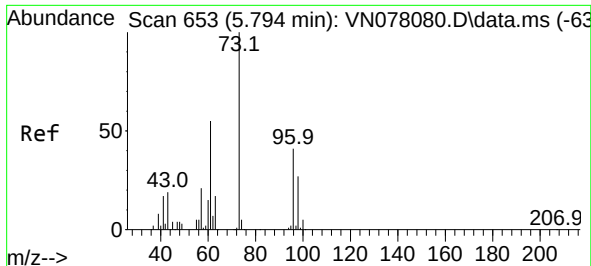
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#20
Methylene Chloride
Concen: 1.223 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

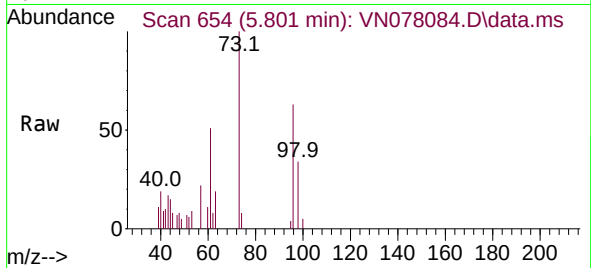
Tgt Ion: 84 Resp: 6659
Ion Ratio Lower Upper
84 100
49 94.9 79.7 119.5
51 30.0 25.2 37.8
86 42.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 1.101 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

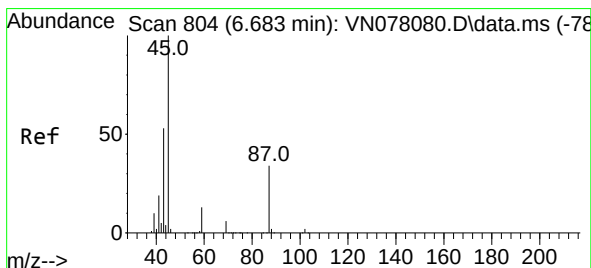
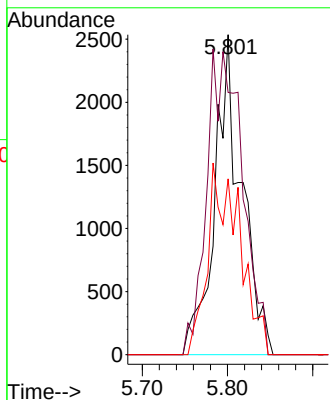
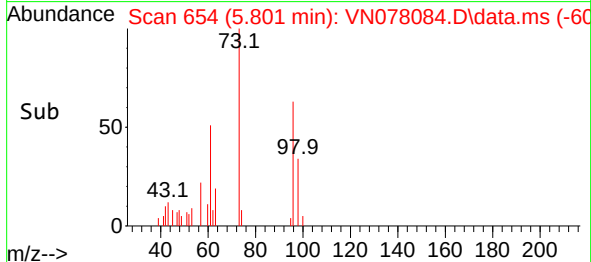
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 556
Ion Ratio Lower Upper
96 100
61 81.9 90.1 135.1
98 55.0 46.4 69.6

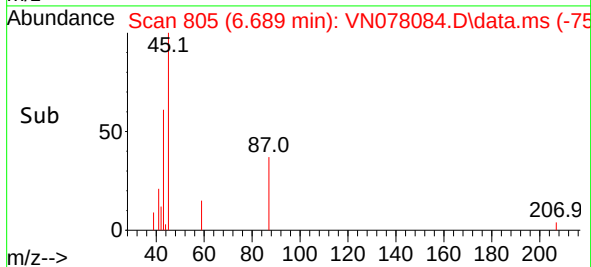
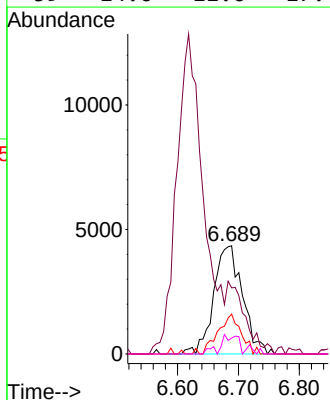
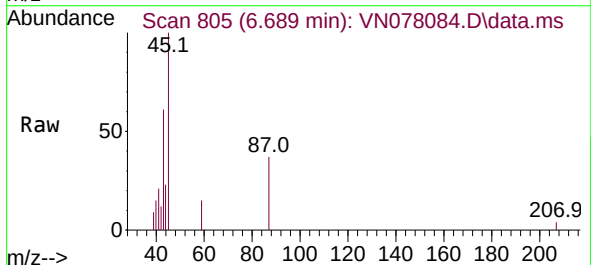
Manual Integrations
APPROVED

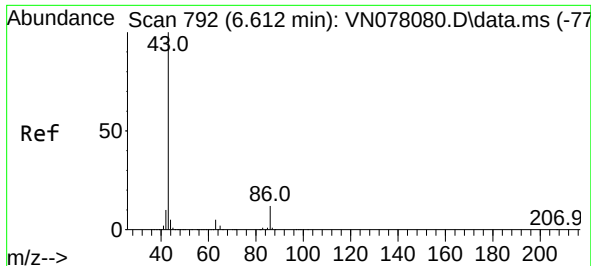
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#22
Diisopropyl ether
Concen: 1.064 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

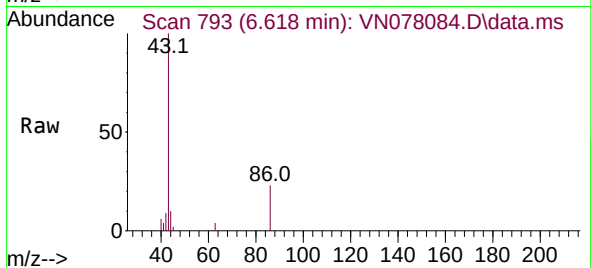
Tgt Ion: 45 Resp: 14323
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 36.8 31.8 47.8
59 14.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 4.915 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

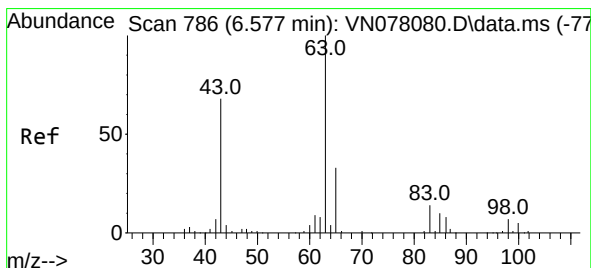
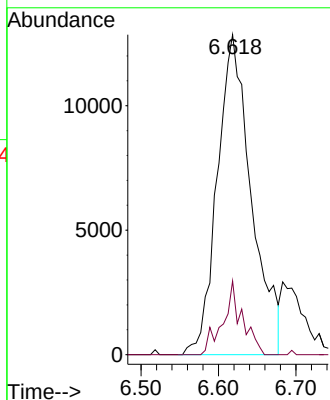
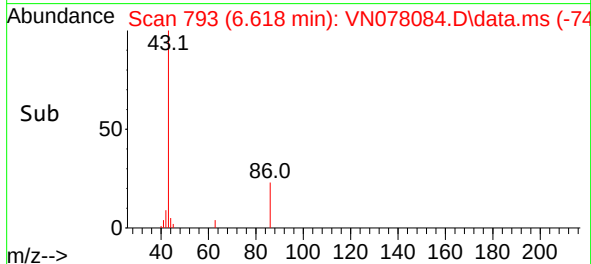
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 43 Resp: 3932
 Ion Ratio Lower Upper
 43 100
 86 23.1 13.0 19.6

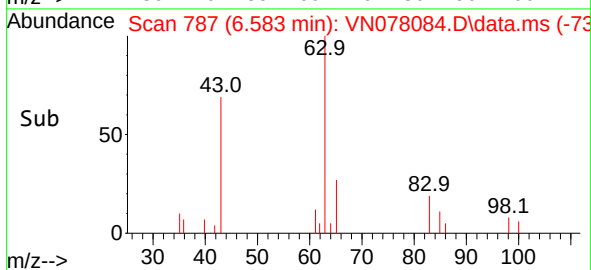
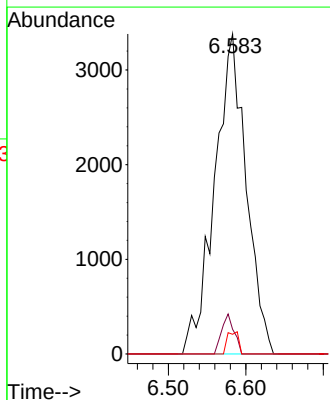
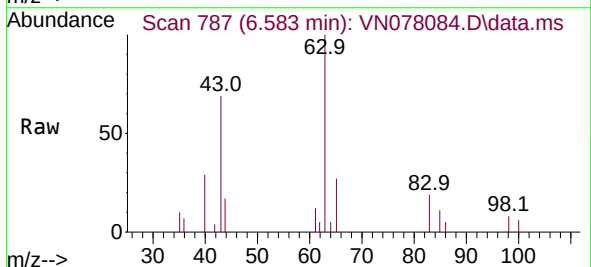
Manual Integrations
 APPROVED

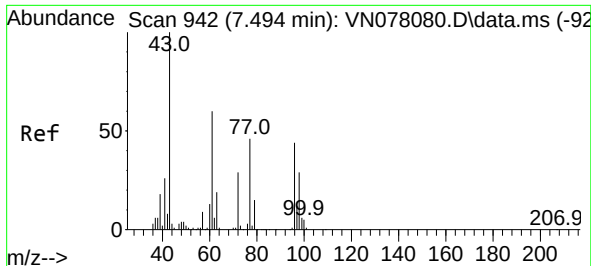
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#24
 1,1-Dichloroethane
 Concen: 1.077 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

Tgt Ion: 63 Resp: 9566
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 6.2 2.5 7.4





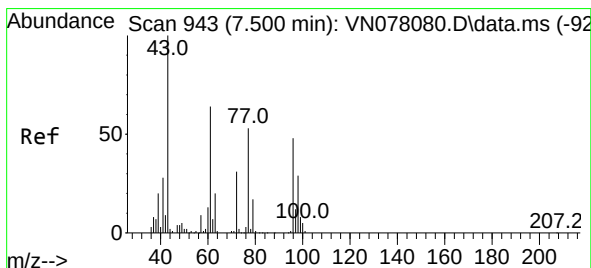
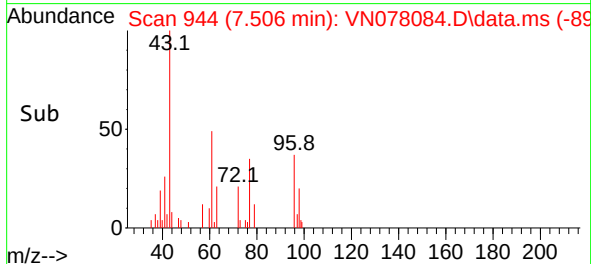
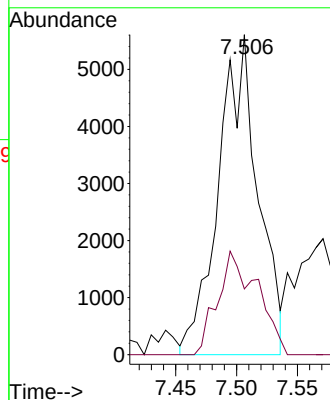
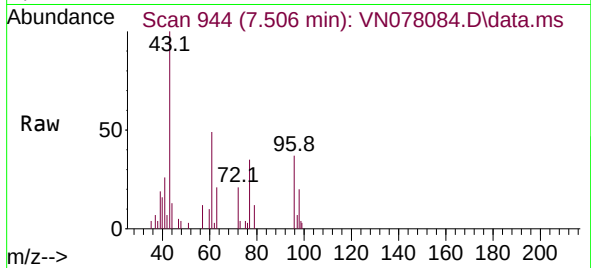
#25
2-Butanone
Concen: 4.968 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
72 21.2 30.2 45.2

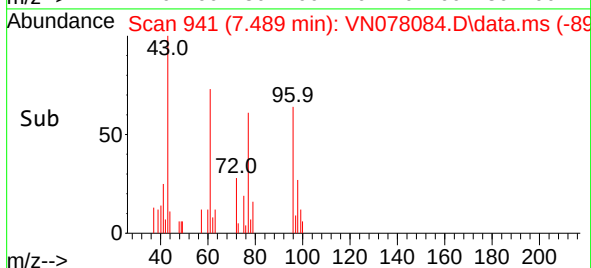
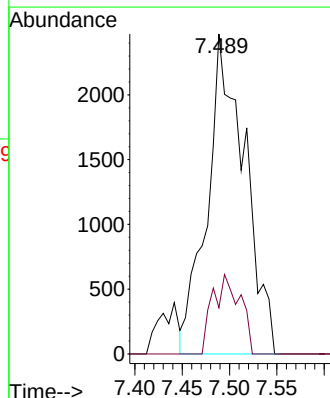
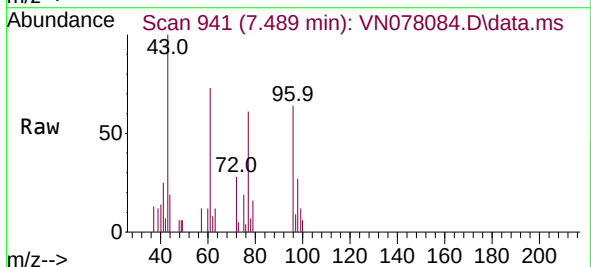
Manual Integrations
APPROVED

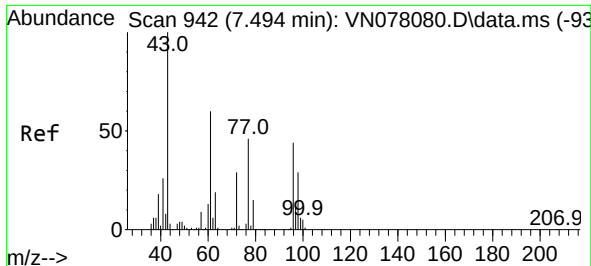
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#26
2,2-Dichloropropane
Concen: 1.034 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion: 77 Resp: 6777
Ion Ratio Lower Upper
77 100
97 18.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.179 ug/l

RT: 7.500 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

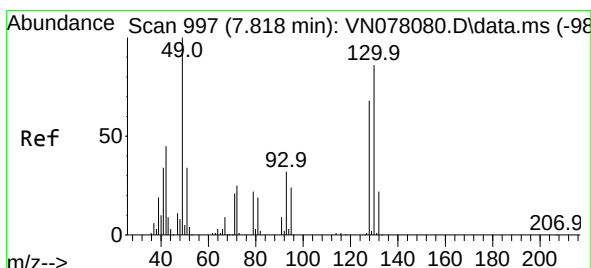
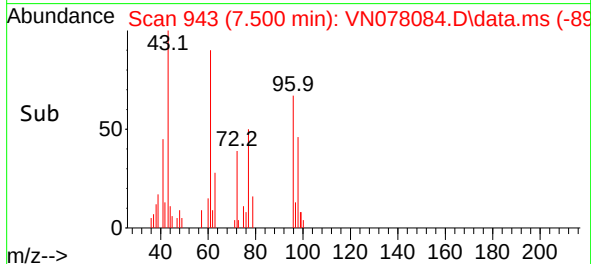
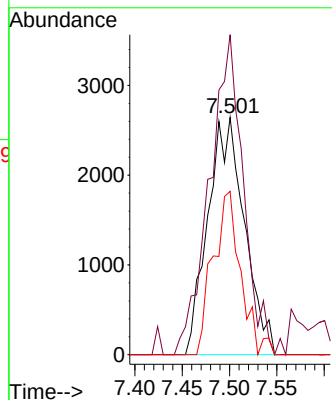
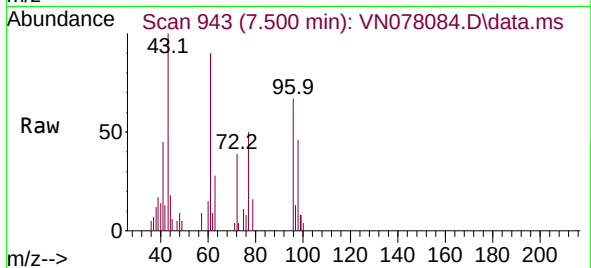
Tgt Ion: 96	Resp: 711
Ion Ratio	Lower Upper
96 100	
61 124.0	0.0 255.2
98 51.8	0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#28

Bromochloromethane

Concen: 1.040 ug/l

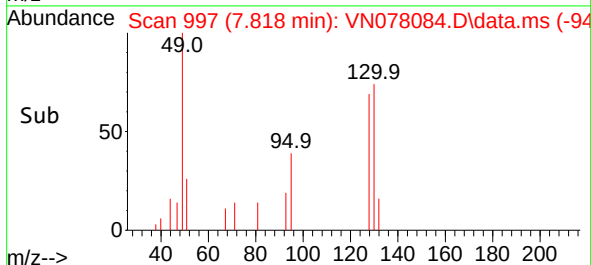
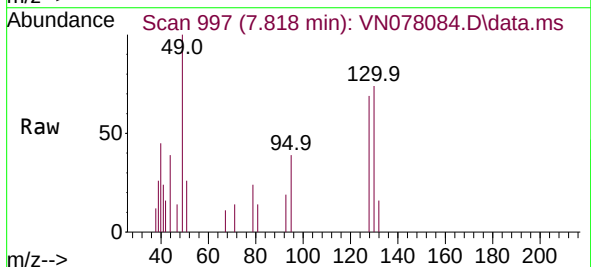
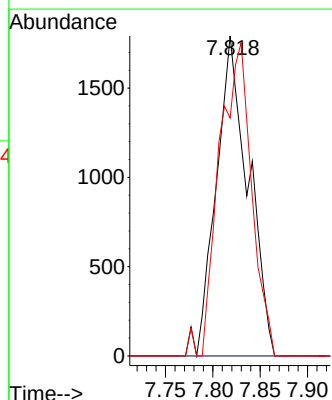
RT: 7.818 min Scan# 997

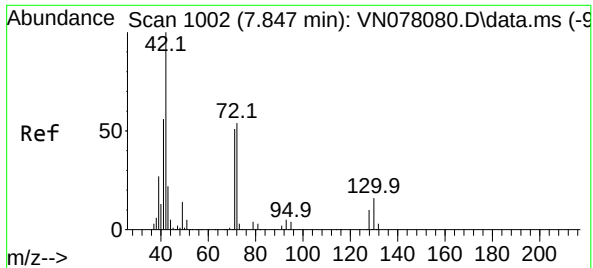
Delta R.T. 0.000 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Tgt Ion: 49	Resp: 4242
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.8
130 96.9	75.3 112.9





#29

Tetrahydrofuran

Concen: 5.474 ug/l

RT: 7.848 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

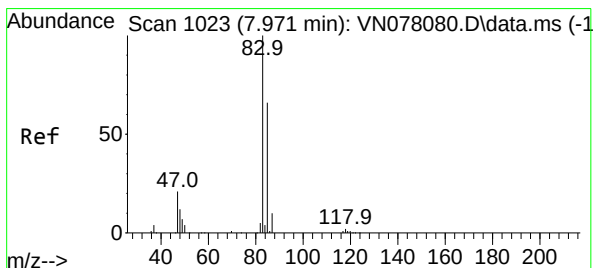
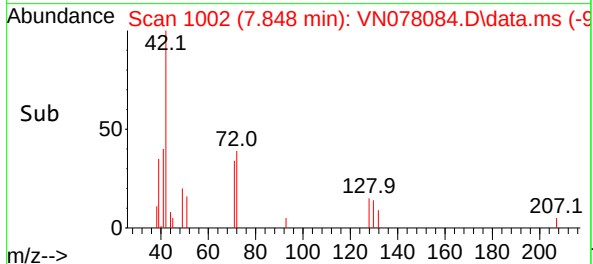
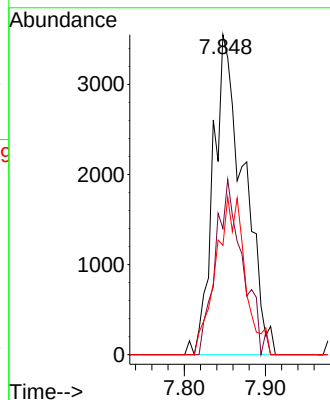
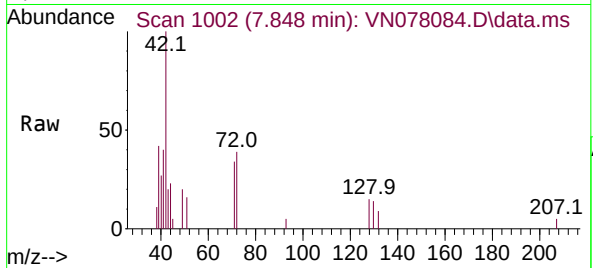
Tgt Ion:	42	Resp:	927
Ion Ratio	Lower	Upper	
42	100		
72	48.7	49.8	74.6
71	47.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#30

Chloroform

Concen: 1.083 ug/l

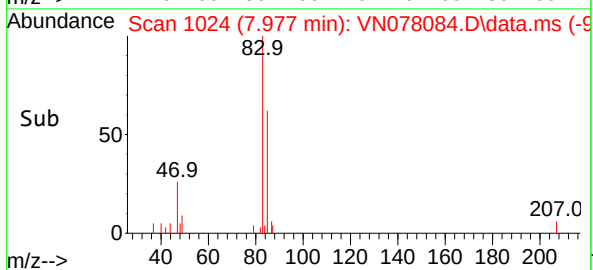
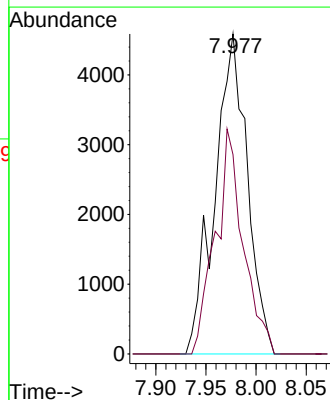
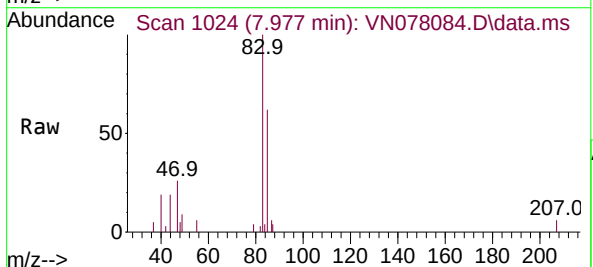
RT: 7.977 min Scan# 1024

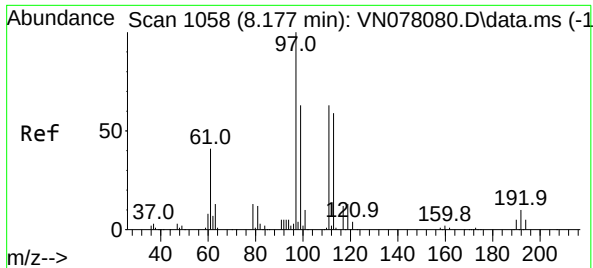
Delta R.T. 0.006 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

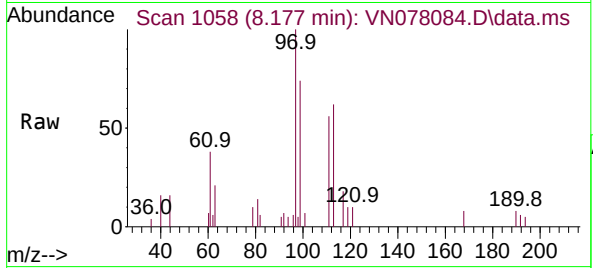
Tgt Ion:	83	Resp:	10351
Ion Ratio	Lower	Upper	
83	100		
85	62.3	55.4	83.0





#32
 1,1,1-Trichloroethane
 Concen: 0.947 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

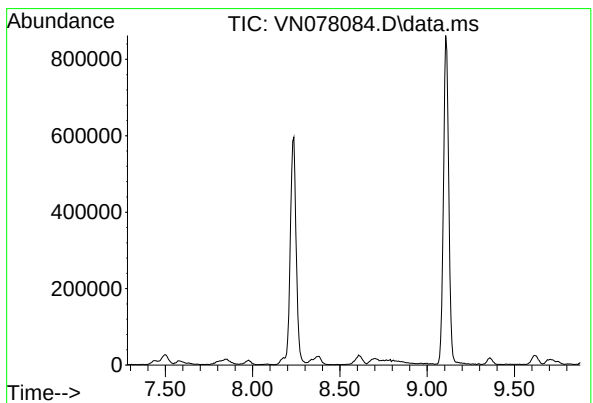
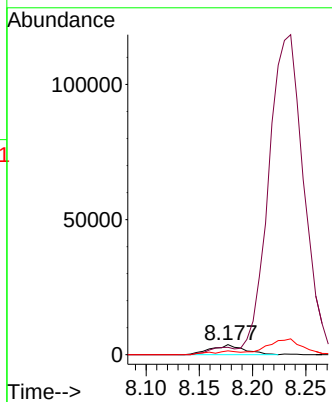
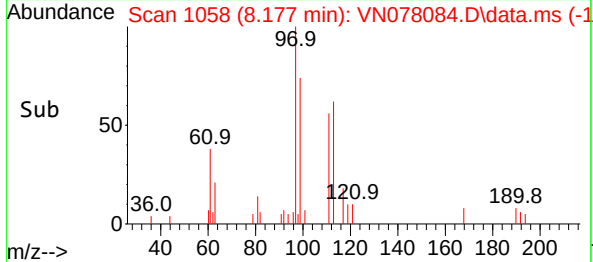
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 97	Resp: 7950
Ion Ratio	Lower Upper
97	100
99	0.0 50.3 75.5
61	31.3 34.7 52.1

Manual Integrations
 APPROVED

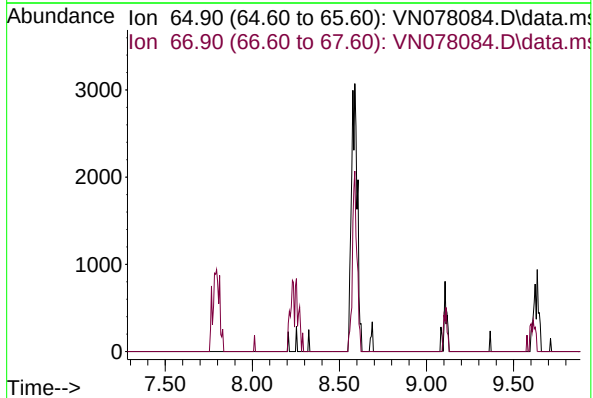
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

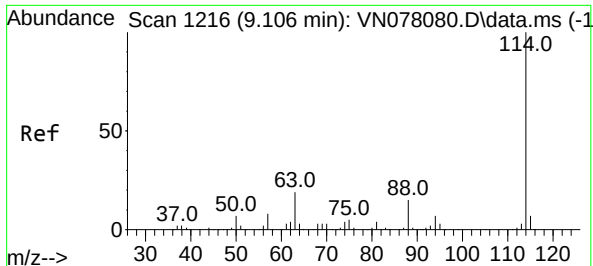


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 78566

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

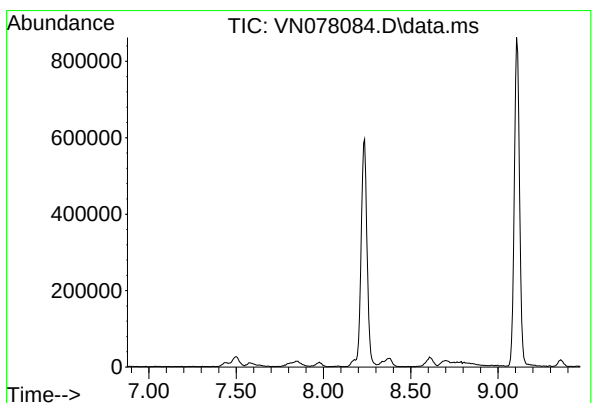
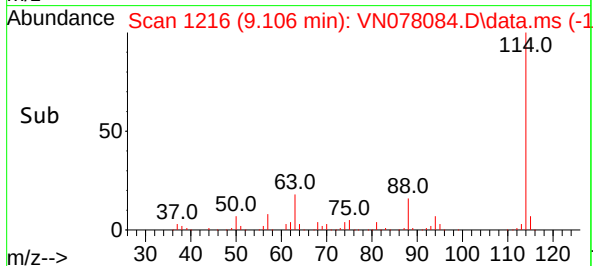
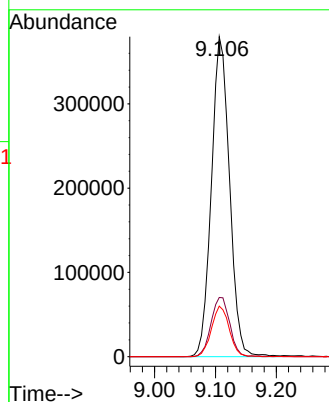
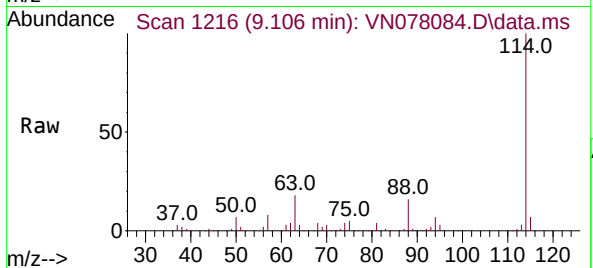
88 15.8 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.18 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

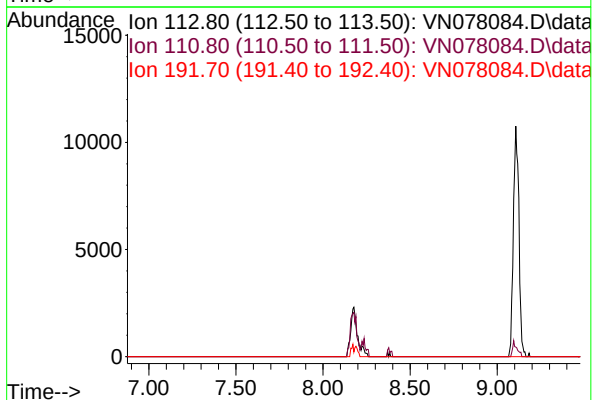
Tgt Ion: 113

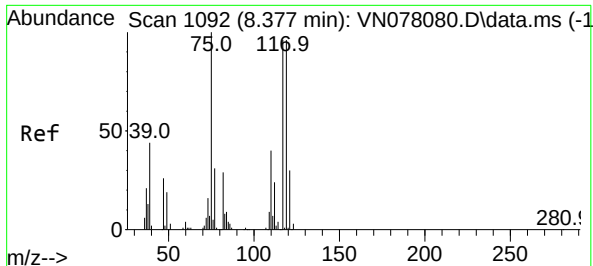
Sig Exp Ratio

113 100

111 103.2

192 15.9





#36

1,1-Dichloropropene

Concen: 0.993 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN078084.D

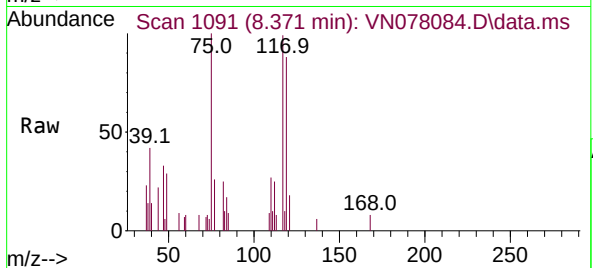
Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



Tgt Ion: 75 Resp: 7075

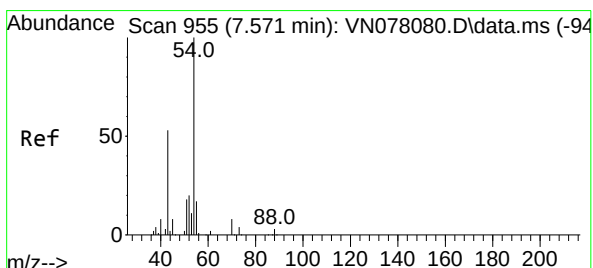
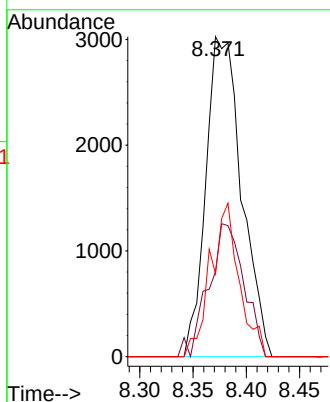
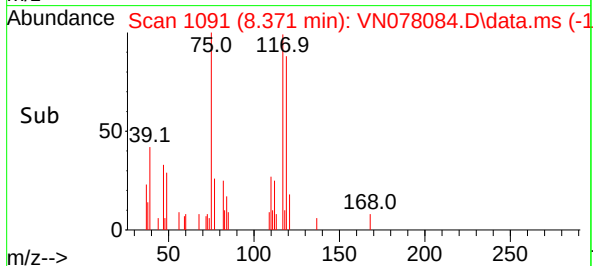
Ion	Ratio	Lower	Upper
75	100		
110	41.0	19.1	57.3
77	38.4	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#37

Ethyl Acetate

Concen: 1.015 ug/l

RT: 7.571 min Scan# 955

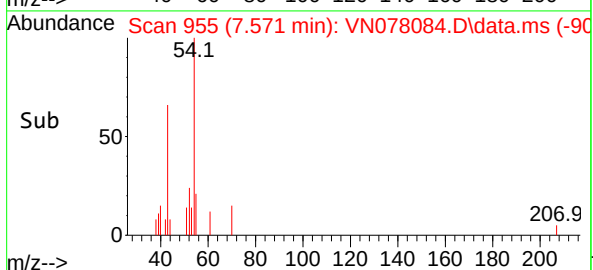
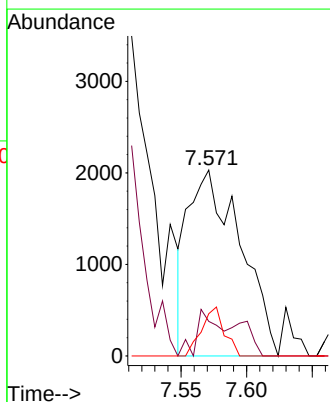
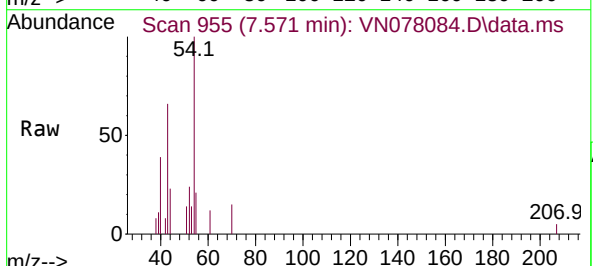
Delta R.T. 0.000 min

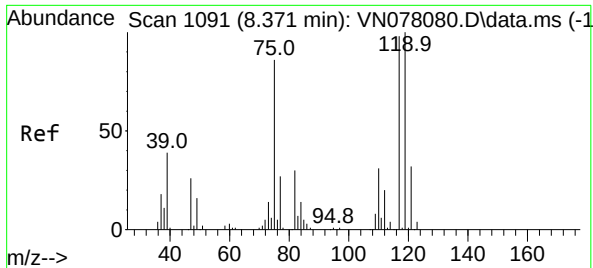
Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Tgt Ion: 43 Resp: 5651

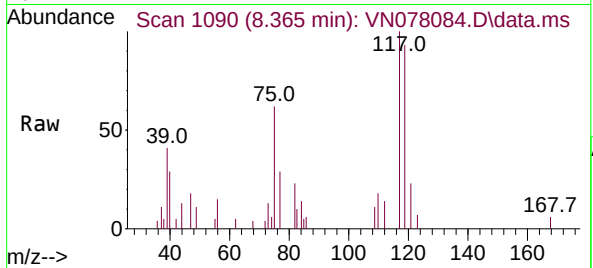
Ion	Ratio	Lower	Upper
43	100		
61	10.4	13.2	19.8
70	11.3	11.3	16.9





#38
Carbon Tetrachloride
Concen: 1.031 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

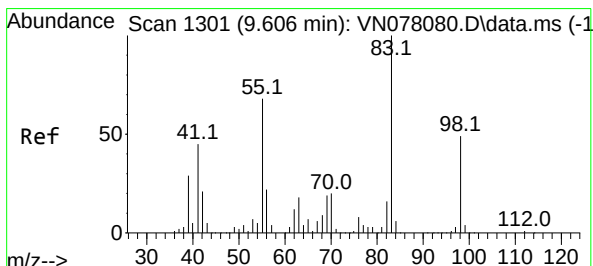
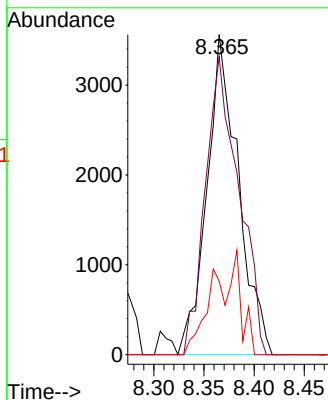
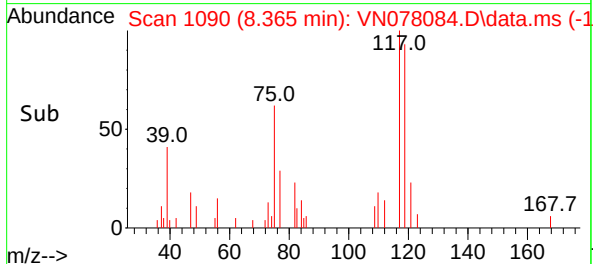
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 775
Ion Ratio Lower Upper
117 100
119 93.2 77.3 115.9
121 22.9 23.3 34.9

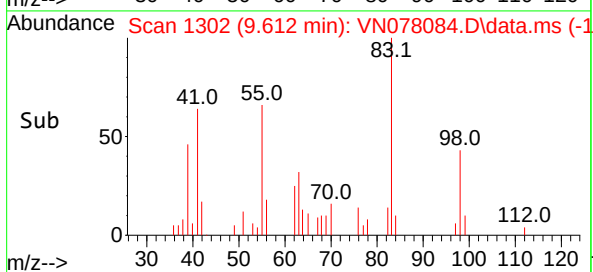
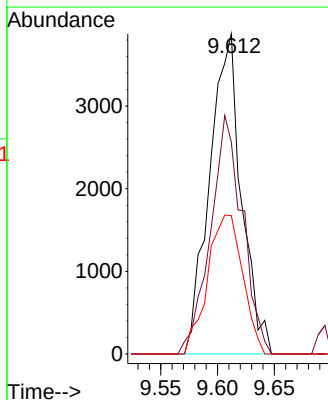
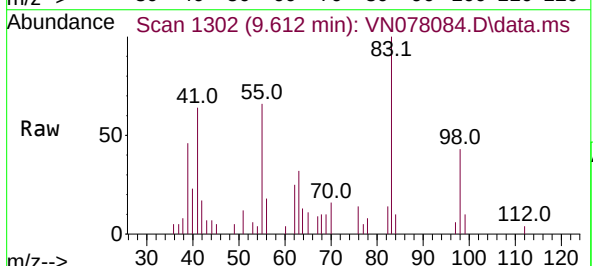
Manual Integrations
APPROVED

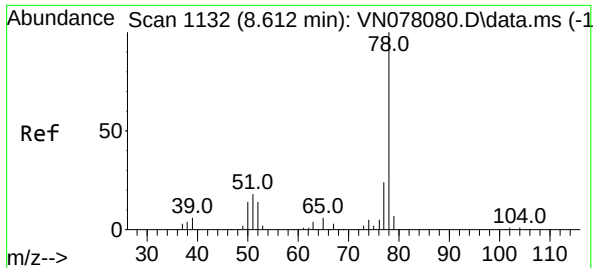
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#39
Methylcyclohexane
Concen: 1.026 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion: 83 Resp: 7576
Ion Ratio Lower Upper
83 100
55 66.2 49.1 73.7
98 43.2 40.6 61.0





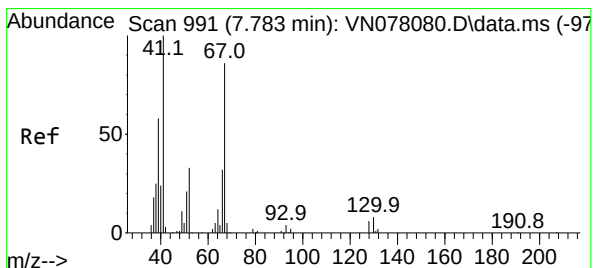
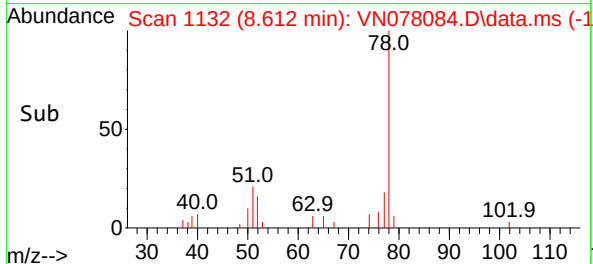
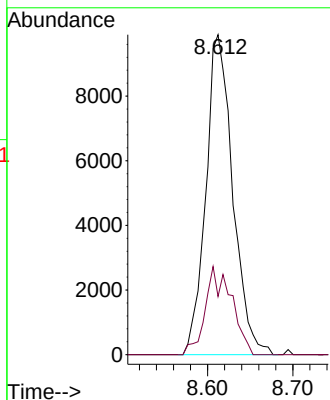
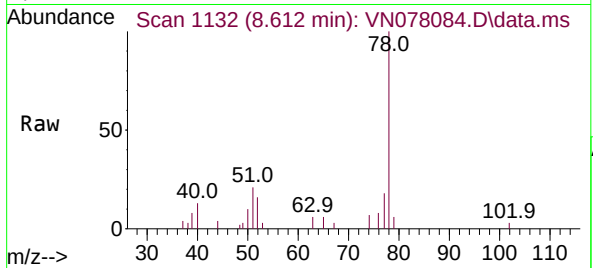
#40
Benzene
Concen: 1.020 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 2170
Ion Ratio Lower Upper
78 100
77 18.2 19.0 28.6

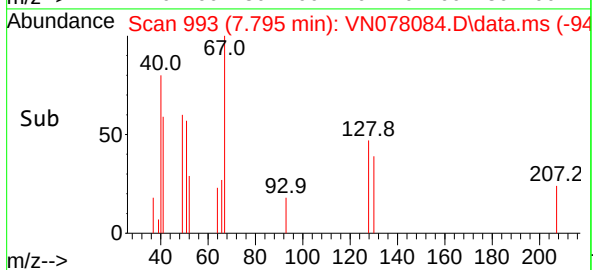
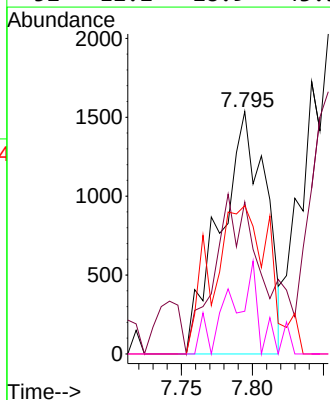
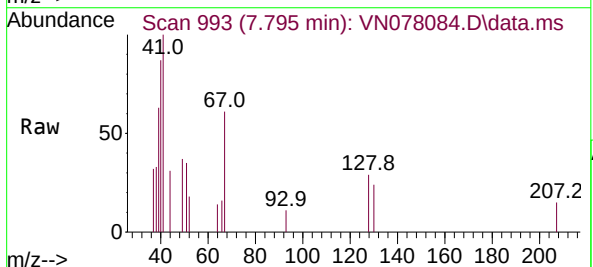
Manual Integrations
APPROVED

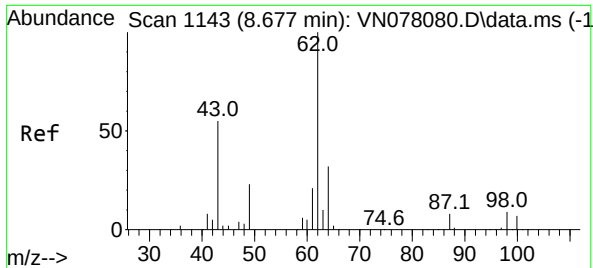
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#41
Methacrylonitrile
Concen: 1.141 ug/l
RT: 7.795 min Scan# 993
Delta R.T. 0.012 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion: 41 Resp: 3442
Ion Ratio Lower Upper
41 100
39 71.2 42.6 64.0#
67 62.5 77.5 116.3#
52 12.2 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 1.092 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

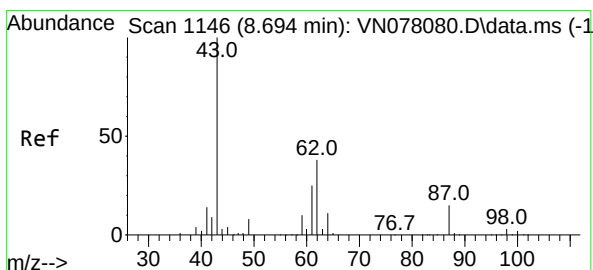
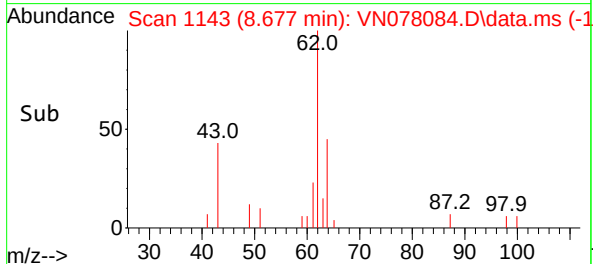
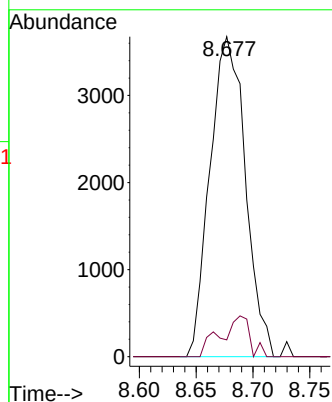
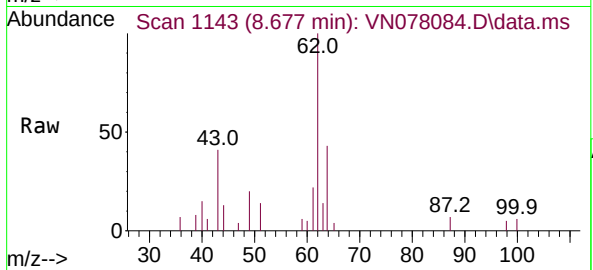
Tgt Ion: 62 Resp: 7962
 Ion Ratio Lower Upper
 62 100
 98 6.5 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#43

Isopropyl Acetate

Concen: 1.204 ug/l

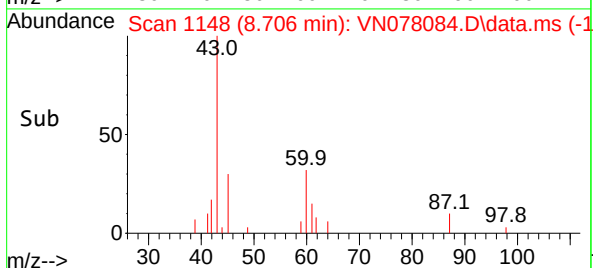
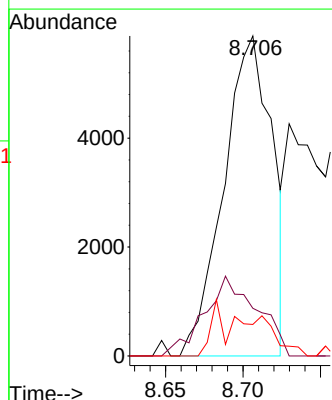
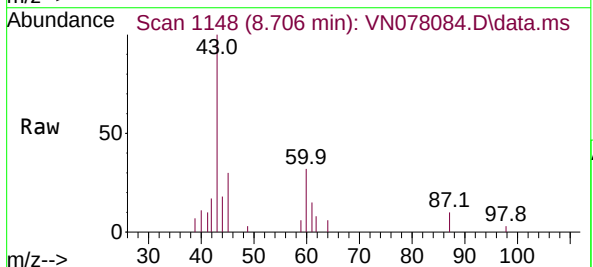
RT: 8.706 min Scan# 1148

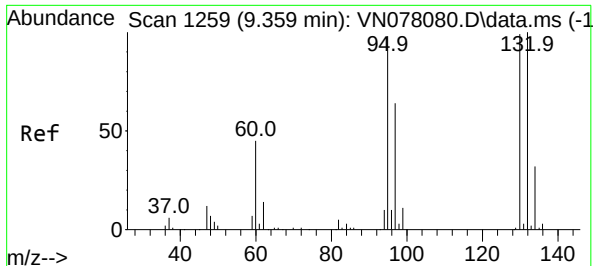
Delta R.T. 0.012 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Tgt Ion: 43 Resp: 12816
 Ion Ratio Lower Upper
 43 100
 61 0.0 24.7 37.1#
 87 6.6 14.6 21.8#





#44
Trichloroethene
Concen: 1.088 ug/l
RT: 9.353 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

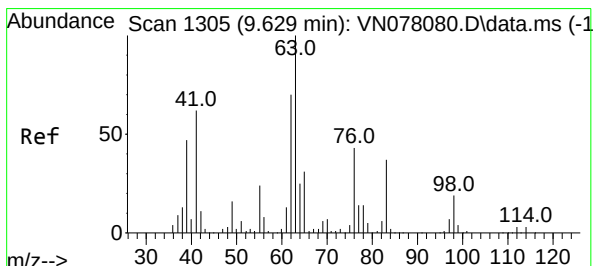
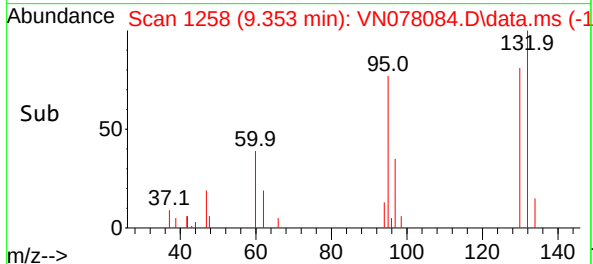
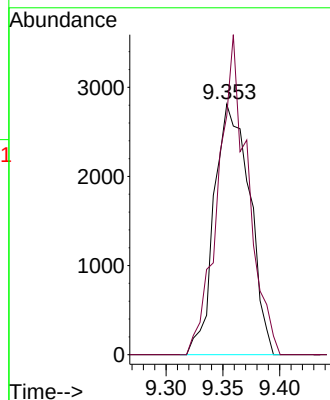
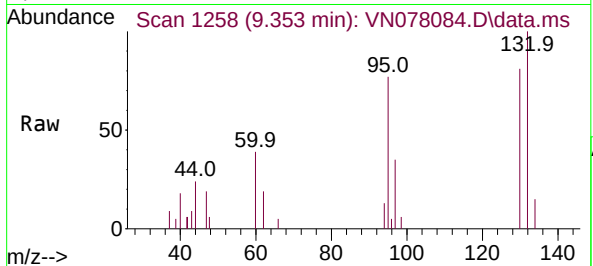
VSTDICC001

Tgt Ion:130 Resp: 6112
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.6

Manual Integrations

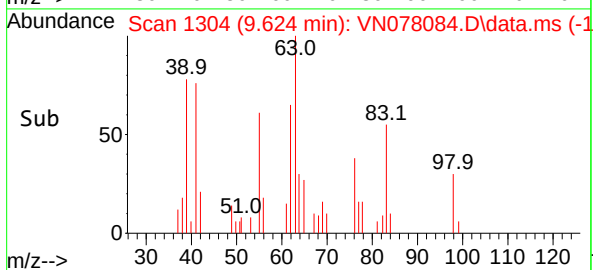
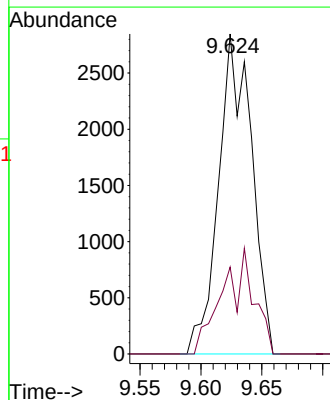
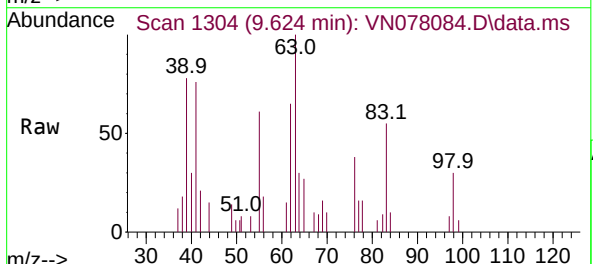
APPROVED

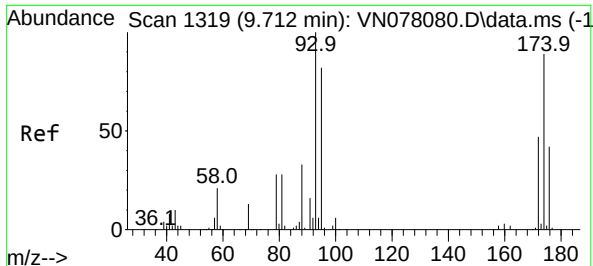
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#45
1,2-Dichloropropane
Concen: 1.012 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

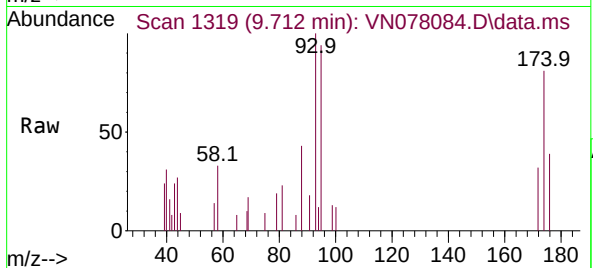
Tgt Ion: 63 Resp: 5357
Ion Ratio Lower Upper
63 100
65 27.2 23.9 35.9





#46
Dibromomethane
Concen: 1.107 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

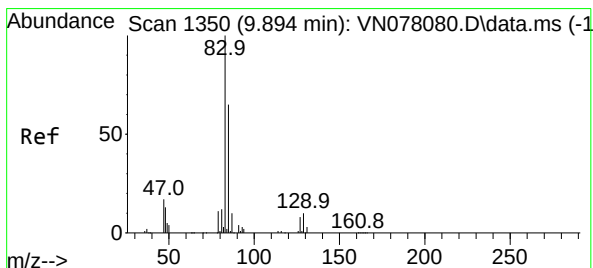
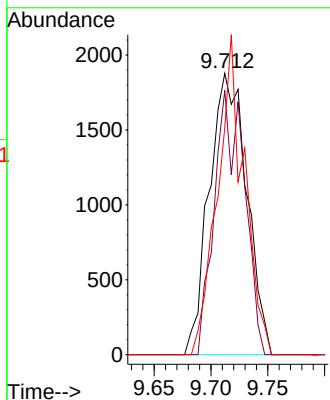
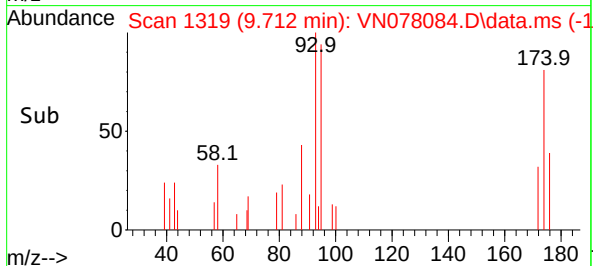
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



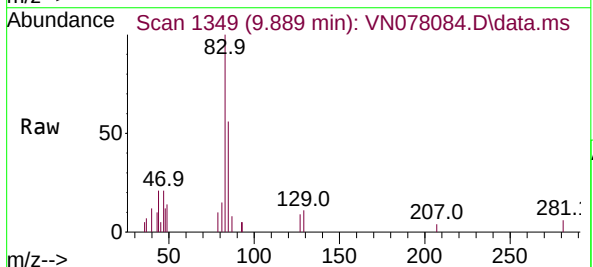
Tgt Ion: 93 Resp: 4310
Ion Ratio Lower Upper
93 100
95 75.3 63.8 95.8
174 81.3 65.6 98.4

Manual Integrations
APPROVED

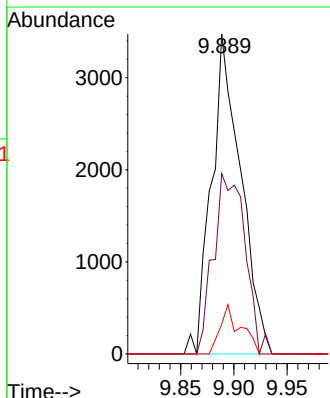
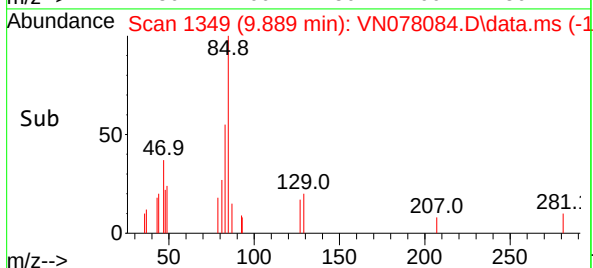
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

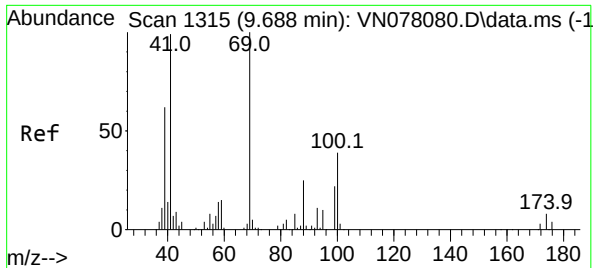


#47
Bromodichloromethane
Concen: 0.919 ug/l
RT: 9.889 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



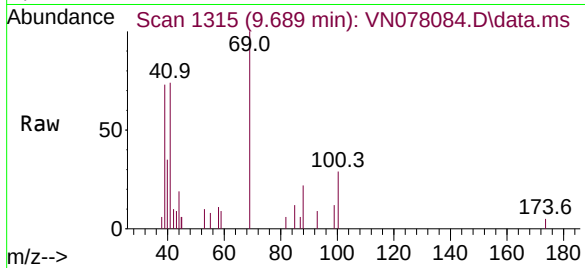
Tgt Ion: 83 Resp: 6657
Ion Ratio Lower Upper
83 100
85 56.3 49.6 74.4
127 9.4 7.0 10.6





#48
Methyl methacrylate
Concen: 0.973 ug/l
RT: 9.689 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

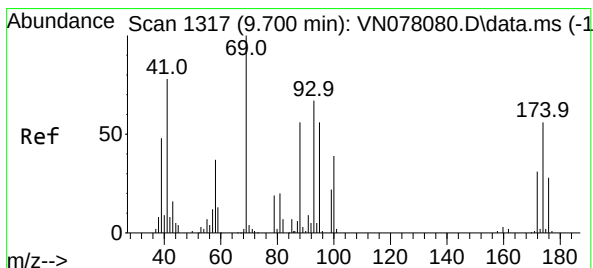
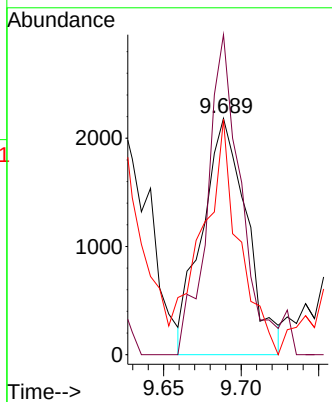
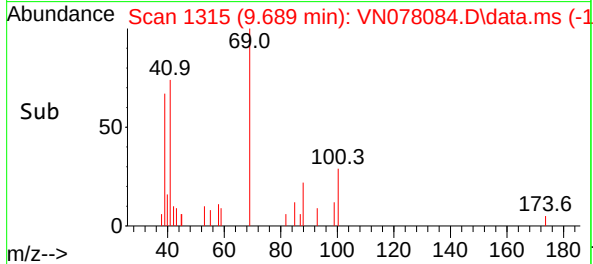
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



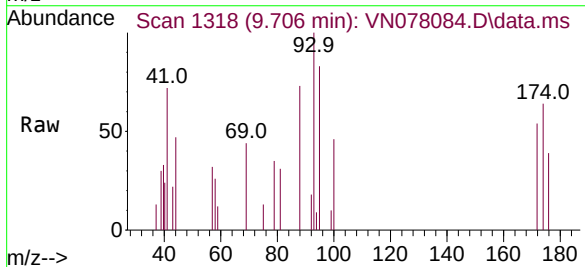
Tgt Ion: 41 Resp: 4349
Ion Ratio Lower Upper
41 100
69 105.9 90.4 135.6
39 82.6 54.6 81.8

Manual Integrations
APPROVED

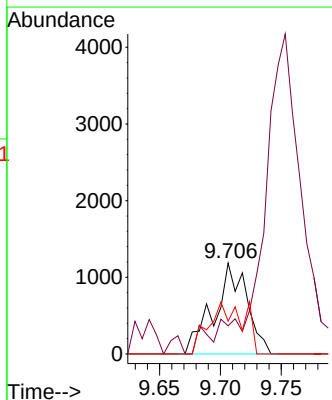
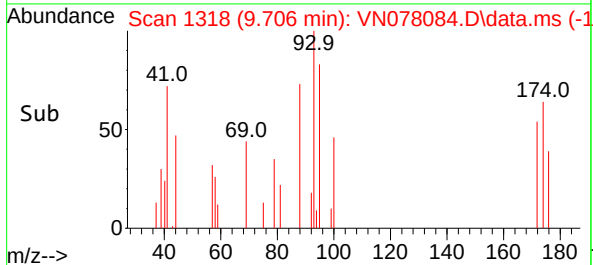
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

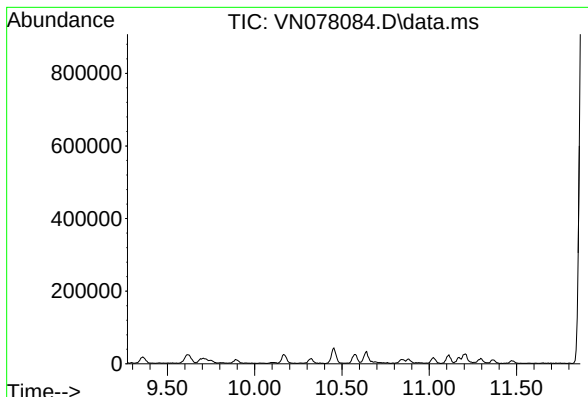


#49
1,4-Dioxane
Concen: 23.696 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



Tgt Ion: 88 Resp: 2225
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 60.4 47.0 70.4



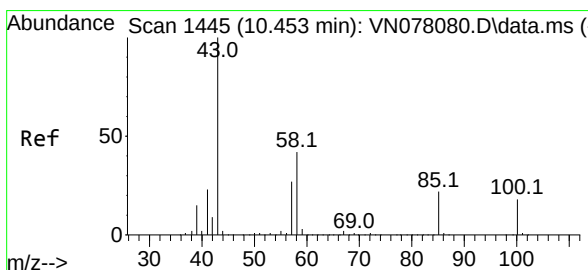
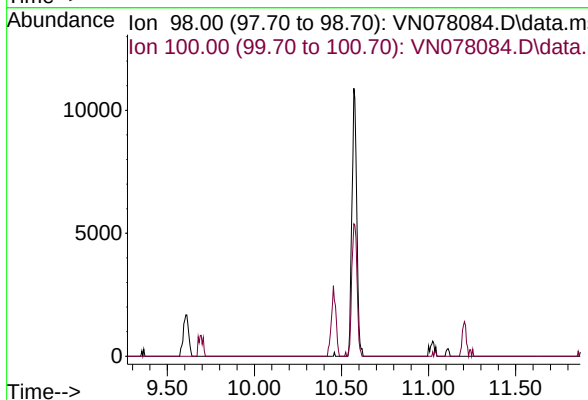


#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22
 Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

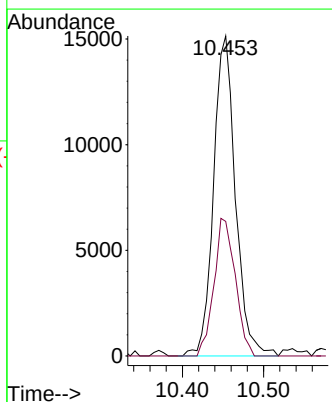
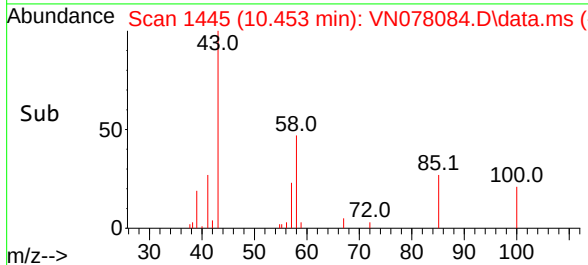
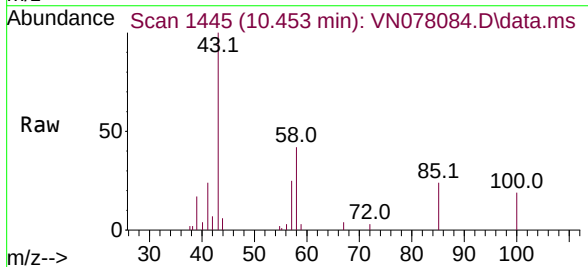
Manual Integrations
 APPROVED

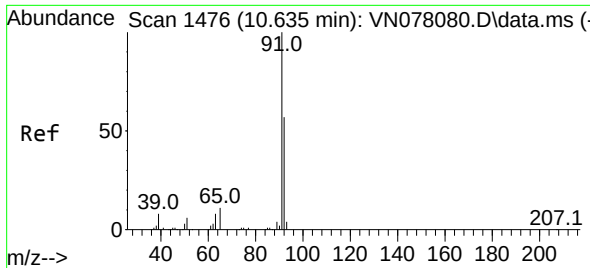
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#51
 4-Methyl-2-Pentanone
 Concen: 5.066 ug/l
 RT: 10.453 min Scan# 1445
 Delta R.T. 0.000 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

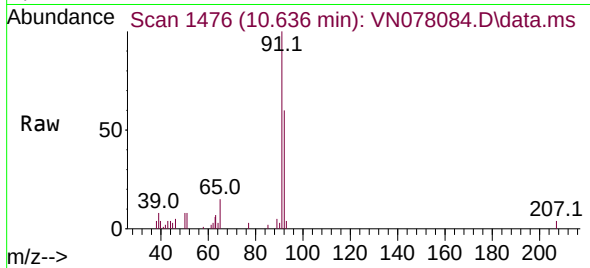
Tgt Ion: 43 Resp: 28400
 Ion Ratio Lower Upper
 43 100
 58 41.8 36.6 54.8





#52
Toluene
Concen: 1.023 ug/l
RT: 10.636 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

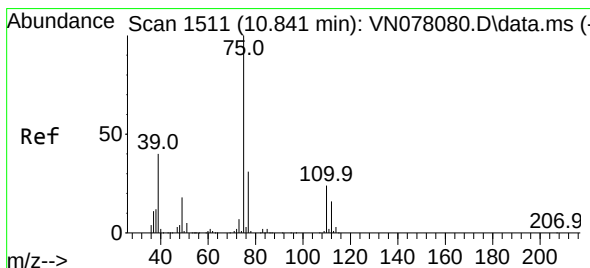
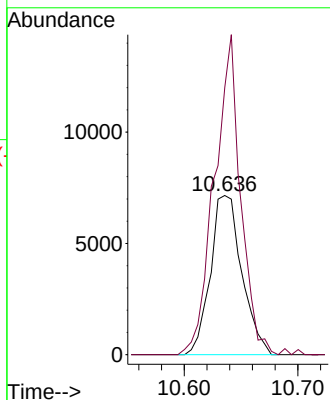
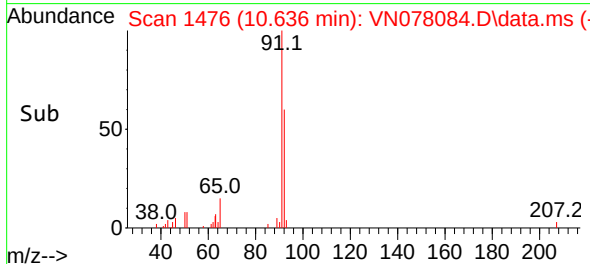
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 1374
Ion Ratio Lower Upper
92 100
91 168.0 137.4 206.0

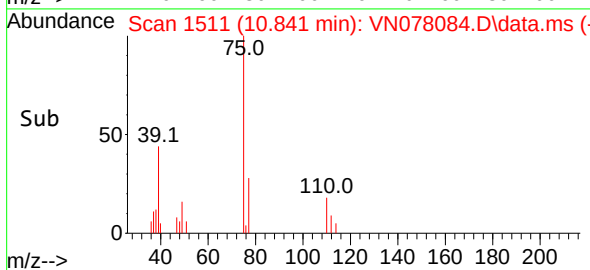
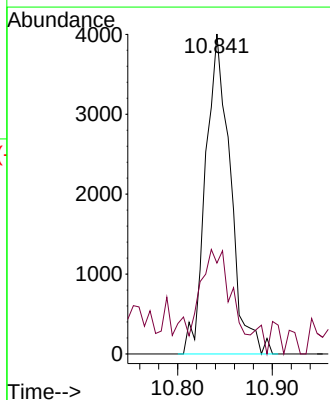
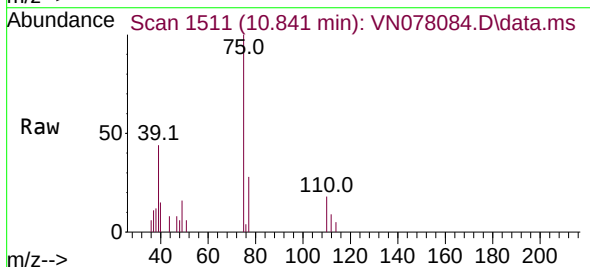
Manual Integrations
APPROVED

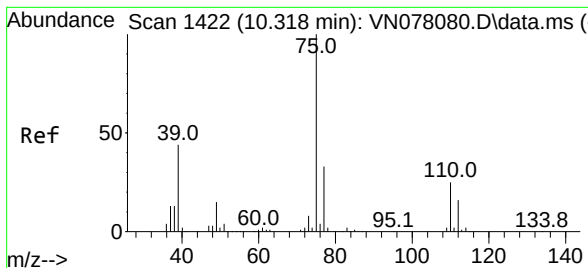
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#53
t-1,3-Dichloropropene
Concen: 0.961 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

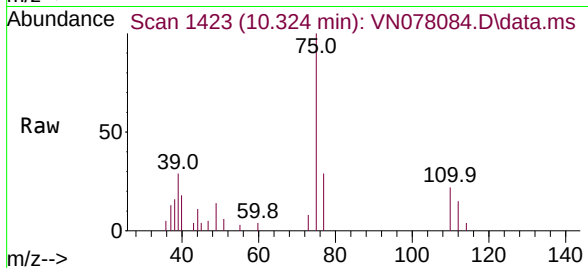
Tgt Ion: 75 Resp: 7251
Ion Ratio Lower Upper
75 100
77 19.4 25.4 38.0#





#54
 cis-1,3-Dichloropropene
 Concen: 0.954 ug/l
 RT: 10.324 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

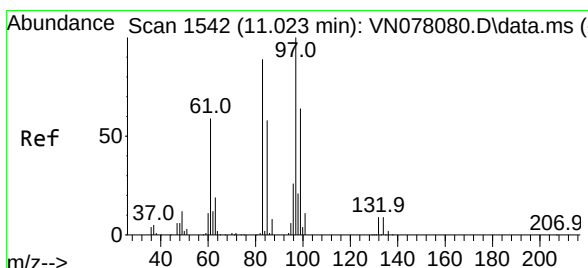
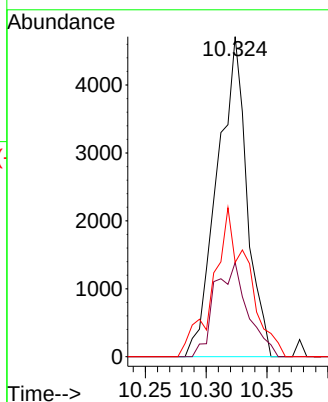
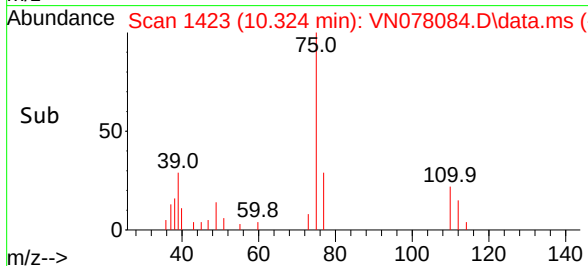
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 7950
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.1 39.1
 39 29.4 31.6 47.4

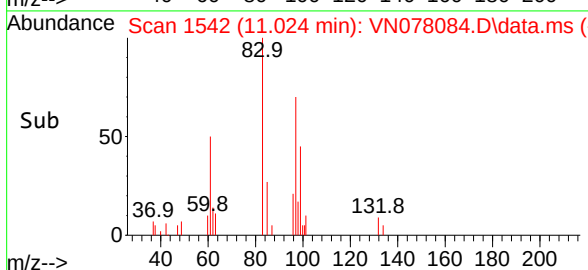
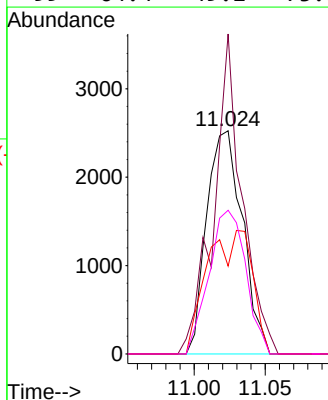
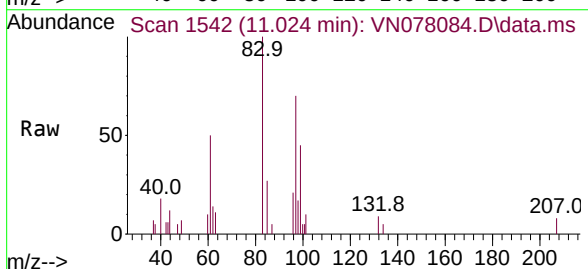
Manual Integrations
 APPROVED

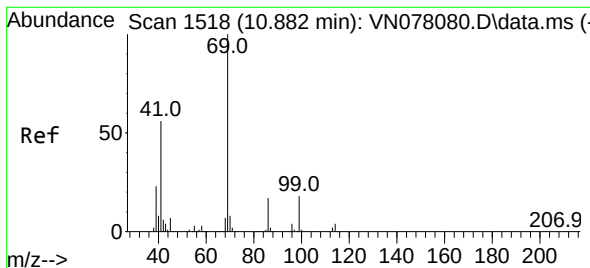
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#55
 1,1,2-Trichloroethane
 Concen: 0.870 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

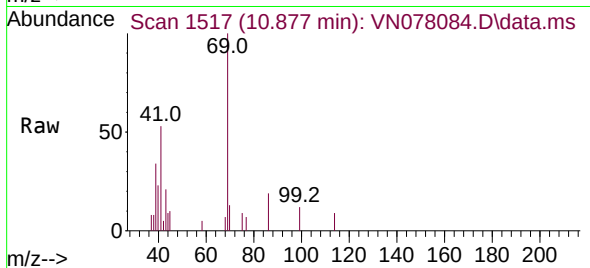
Tgt Ion: 97 Resp: 4422
 Ion Ratio Lower Upper
 97 100
 83 143.4 65.1 97.7#
 85 39.4 43.4 65.2#
 99 64.4 49.2 73.8





#56
Ethyl methacrylate
Concen: 0.889 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

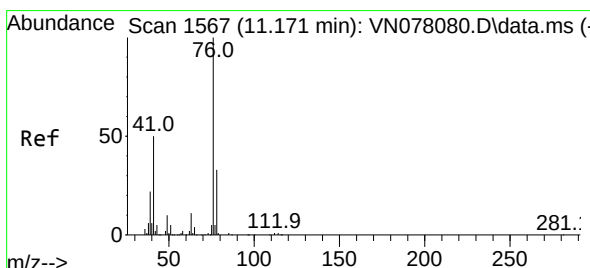
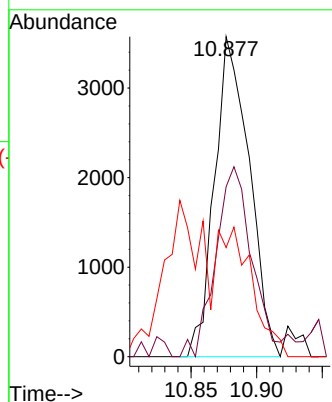
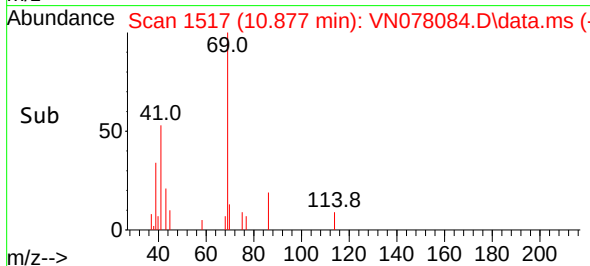
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 6574
Ion Ratio Lower Upper
69 100
41 62.0 39.6 59.4
39 40.5 28.6 43.0

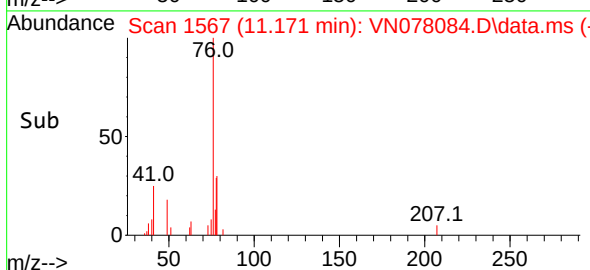
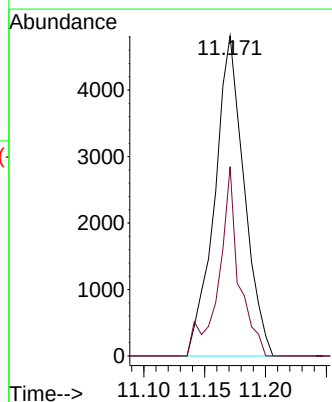
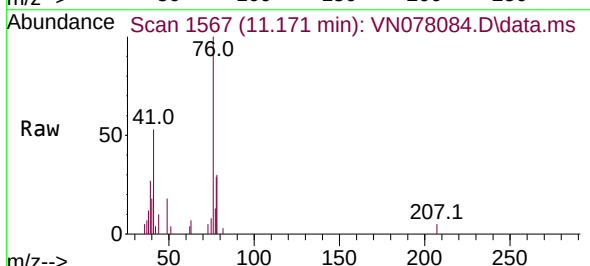
Manual Integrations
APPROVED

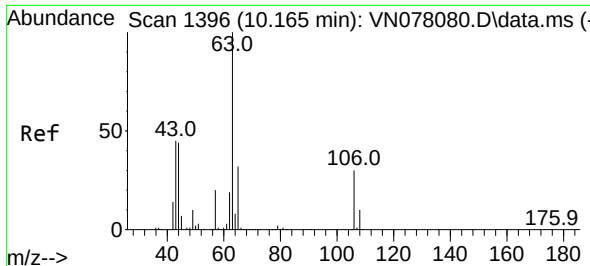
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#57
1,3-Dichloropropane
Concen: 0.946 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

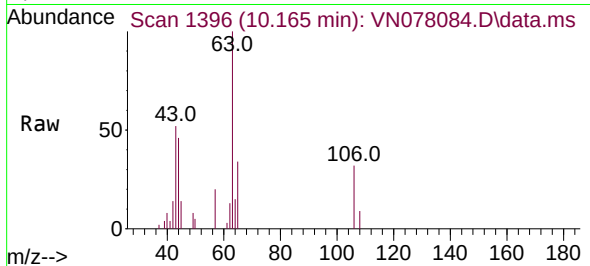
Tgt Ion: 76 Resp: 8109
Ion Ratio Lower Upper
76 100
78 40.5 26.1 39.1





#58
2-Chloroethyl Vinyl ether
Concen: 4.078 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

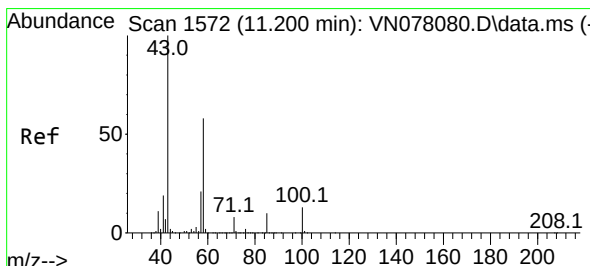
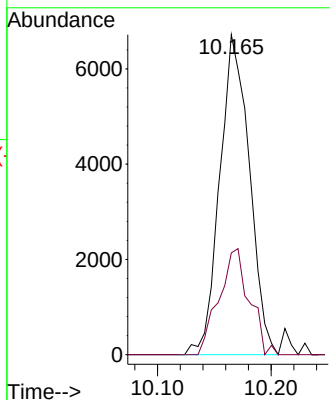
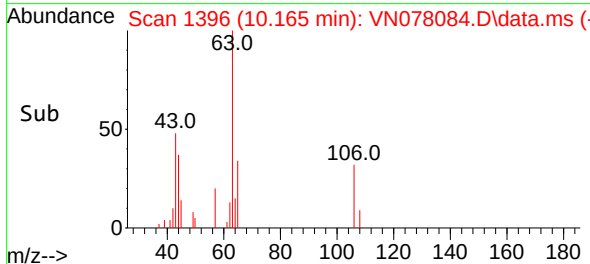
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



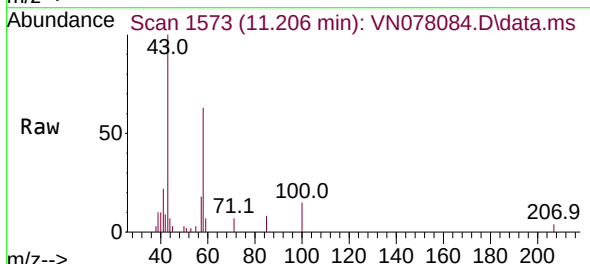
Tgt Ion: 63 Resp: 1218
Ion Ratio Lower Upper
63 100
106 33.8 26.2 39.4

Manual Integrations
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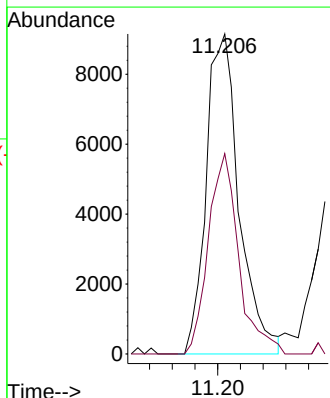
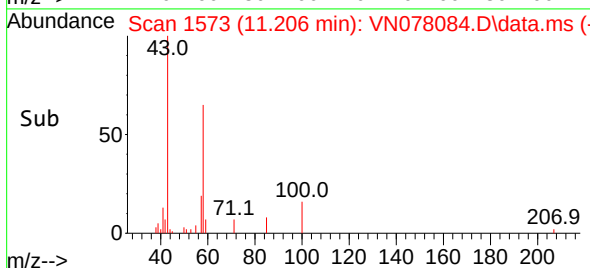
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

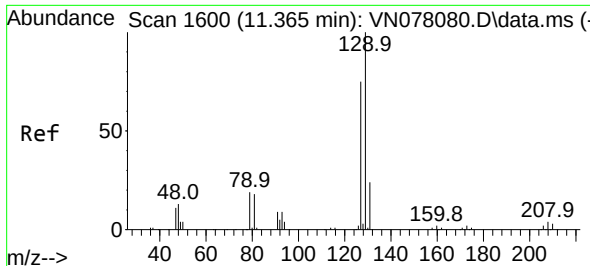


#59
2-Hexanone
Concen: 4.702 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



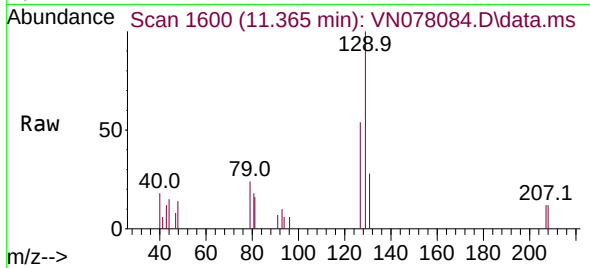
Tgt Ion: 43 Resp: 18353
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1





#60
Dibromochloromethane
Concen: 0.969 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

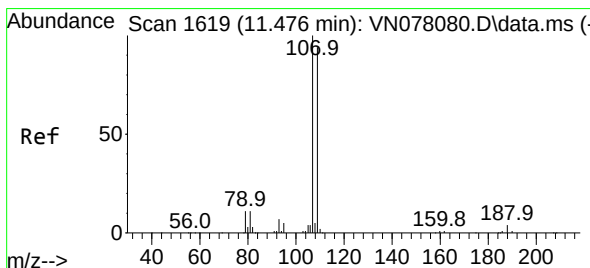
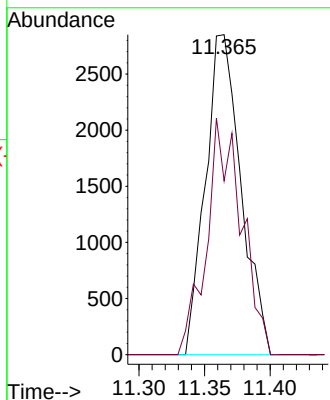
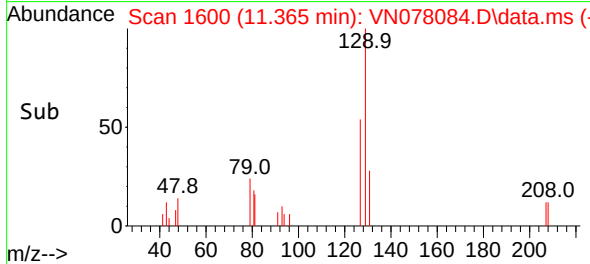
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



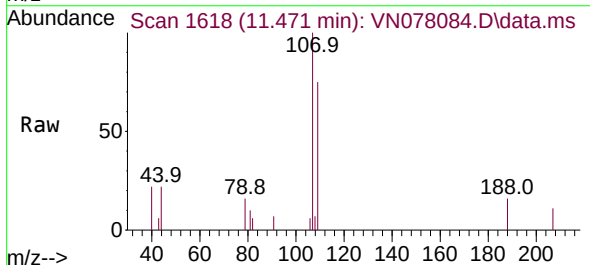
Tgt Ion:129 Resp: 5385
Ion Ratio Lower Upper
129 100
127 72.5 38.6 116.0

Manual Integrations
APPROVED

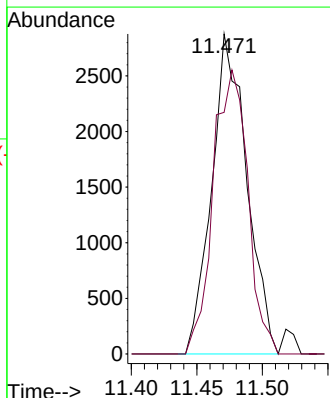
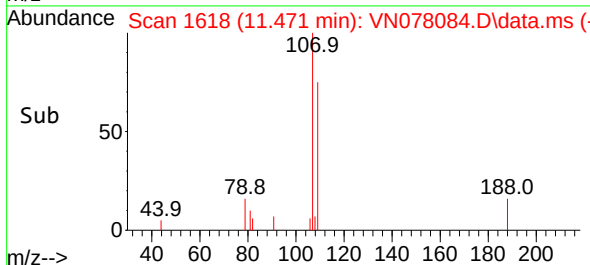
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

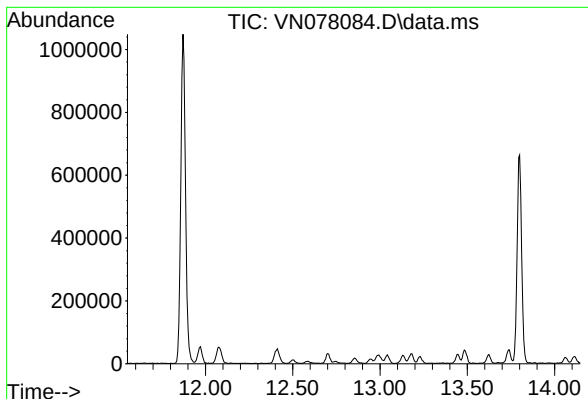


#61
1,2-Dibromoethane
Concen: 1.005 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



Tgt Ion:107 Resp: 5359
Ion Ratio Lower Upper
107 100
109 87.8 76.6 114.8





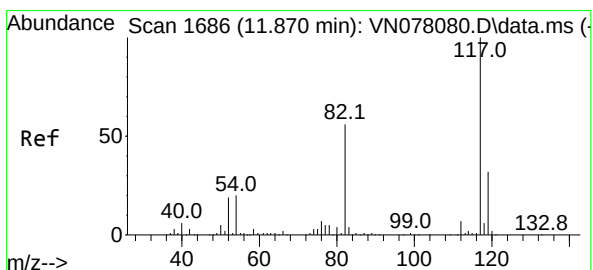
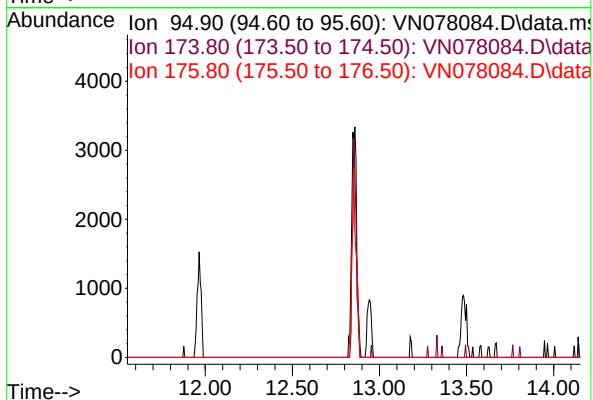
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 71.9
 176 67.9

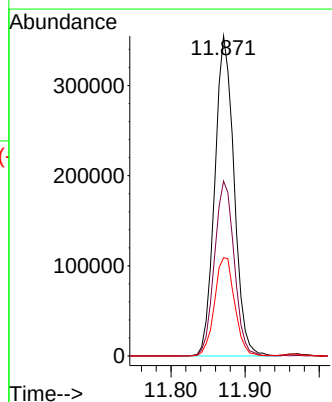
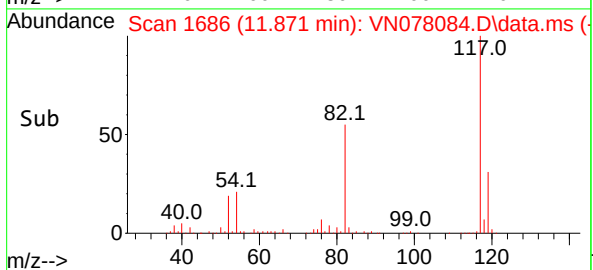
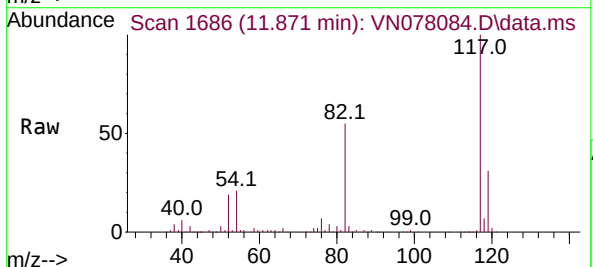
Manual Integrations
 APPROVED

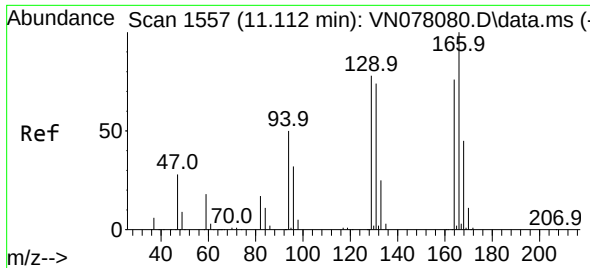
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

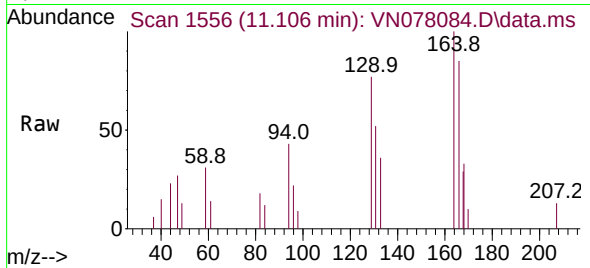
Tgt Ion:117 Resp: 641552
 Ion Ratio Lower Upper
 117 100
 82 54.7 44.0 66.0
 119 30.7 25.6 38.4





#64
Tetrachloroethene
Concen: 1.169 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

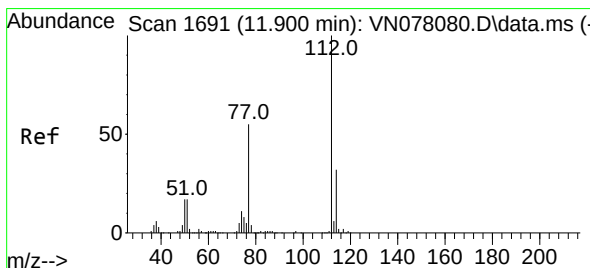
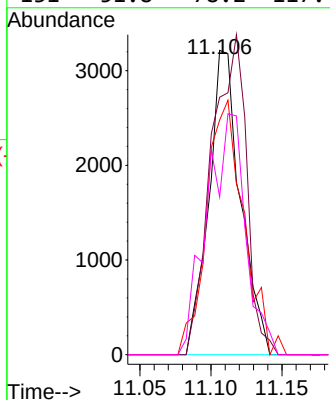
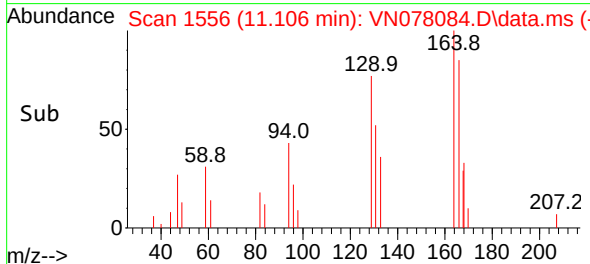
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 500
Ion Ratio Lower Upper
164 100
166 84.6 101.4 152.0
129 77.1 82.4 123.6
131 51.8 78.2 117.4#

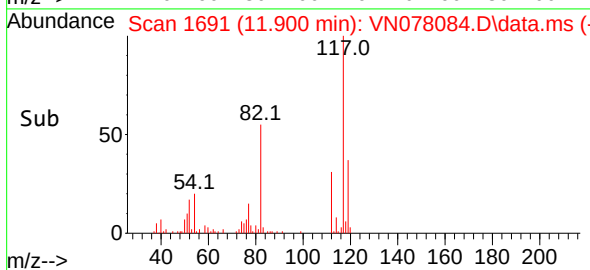
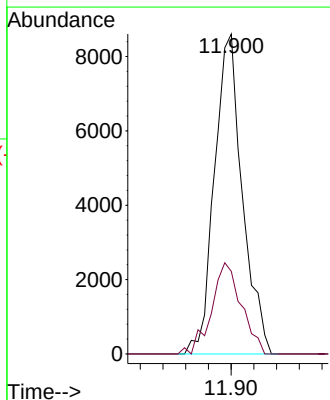
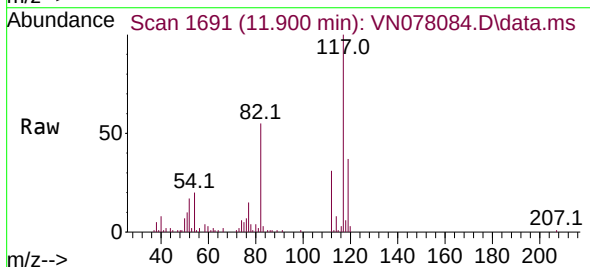
Manual Integrations
APPROVED

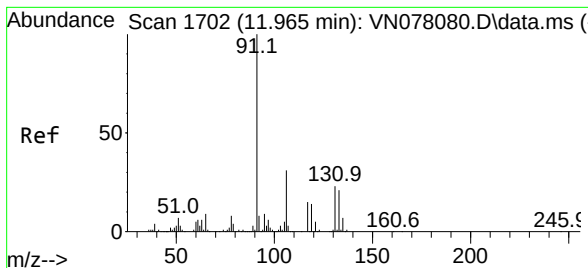
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#65
Chlorobenzene
Concen: 1.071 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion:112 Resp: 14708
Ion Ratio Lower Upper
112 100
114 25.8 25.0 37.4





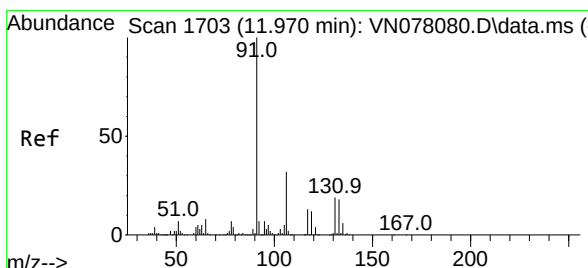
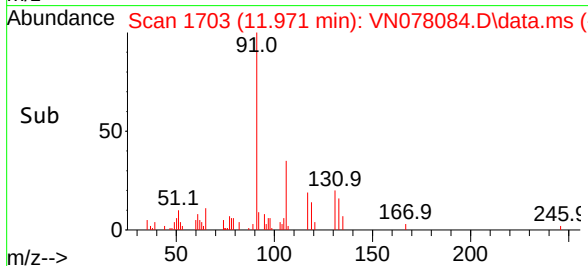
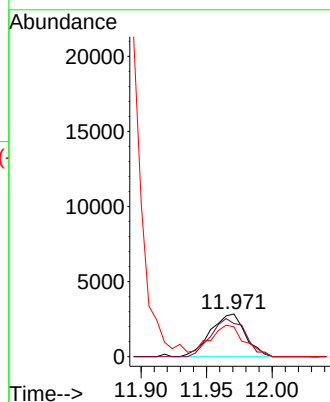
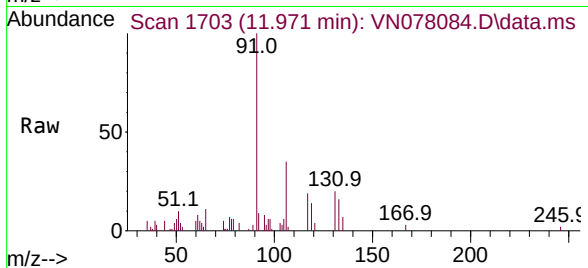
#66
1,1,1,2-Tetrachloroethane
Concen: 1.038 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 524
Ion Ratio Lower Upper
131 100
133 88.1 46.4 139.1
119 0.0 34.1 102.2

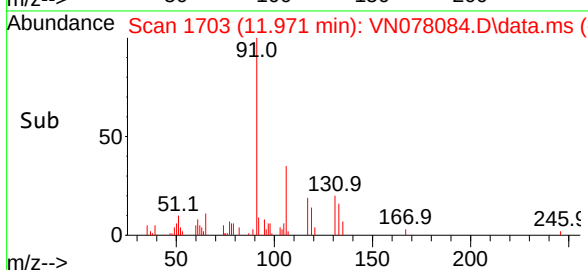
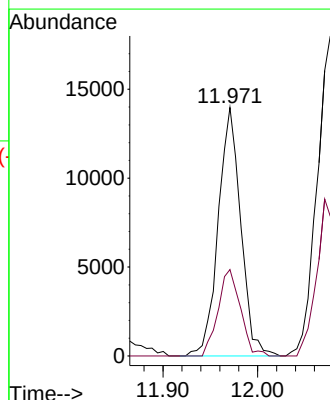
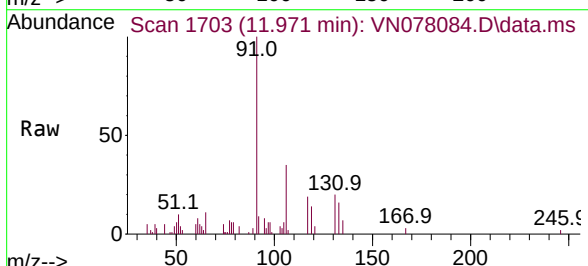
Manual Integrations
APPROVED

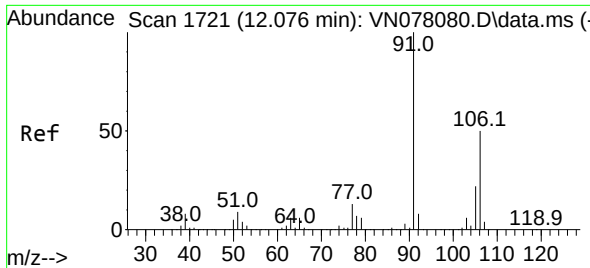
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#67
Ethyl Benzene
Concen: 0.976 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion: 91 Resp: 23149
Ion Ratio Lower Upper
91 100
106 34.8 25.6 38.4





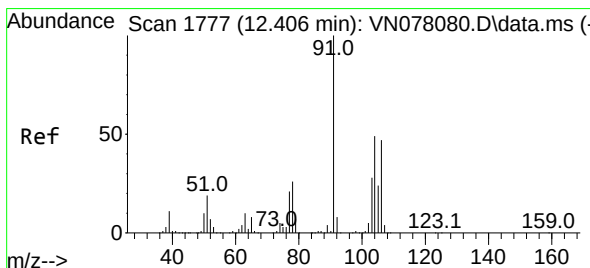
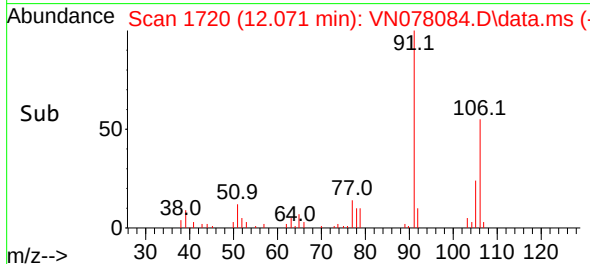
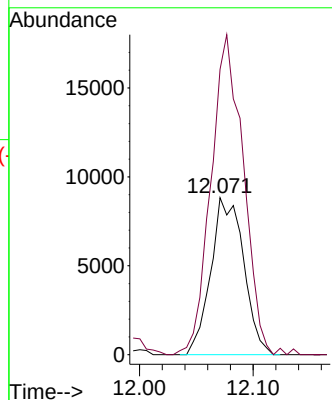
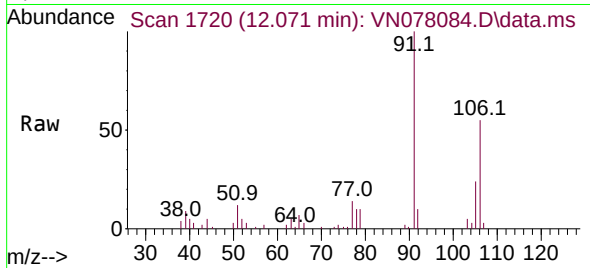
#68
m/p-Xylenes
Concen: 1.959 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1770
Ion Ratio Lower Upper
106 100
91 202.1 159.6 239.4

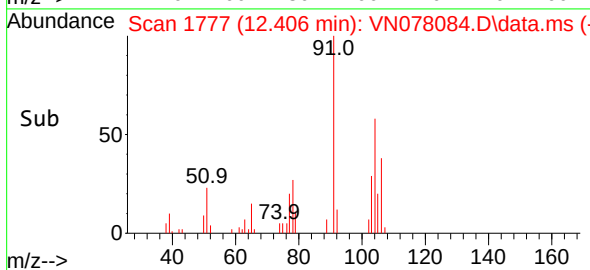
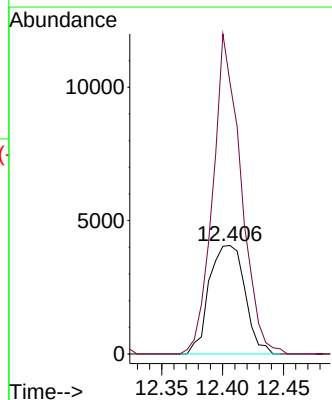
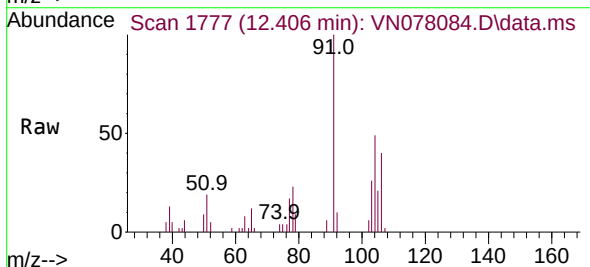
Manual Integrations
APPROVED

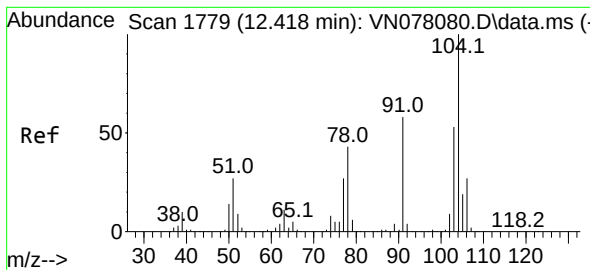
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#69
o-Xylene
Concen: 0.933 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion:106 Resp: 8274
Ion Ratio Lower Upper
106 100
91 233.1 105.2 315.5





#70

Styrene

Concen: 0.925 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

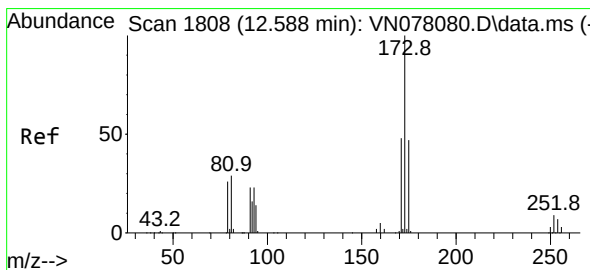
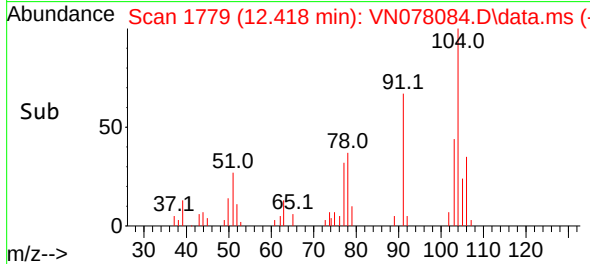
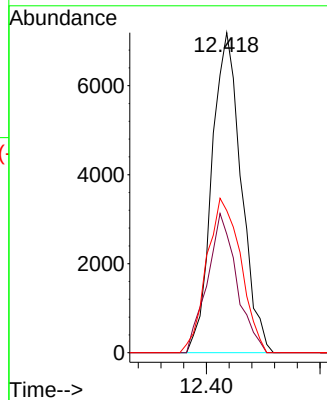
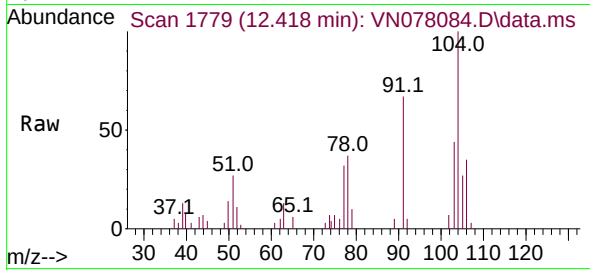
Tgt Ion:	104	Resp:	12920
Ion Ratio	Lower	Upper	
104	100		
78	43.6	39.5	59.3
103	55.9	43.2	64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#71

Bromoform

Concen: 0.917 ug/l

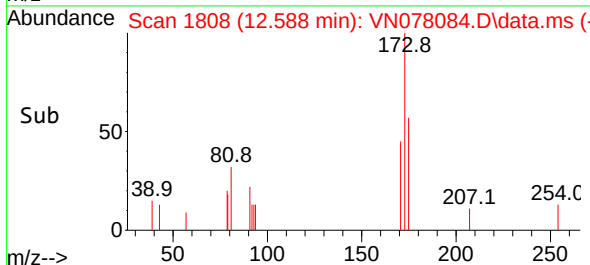
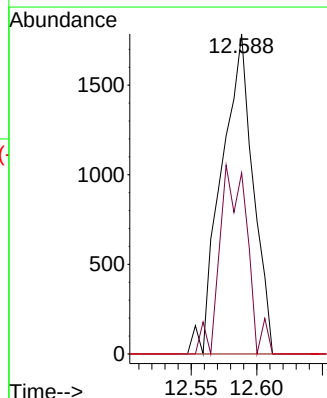
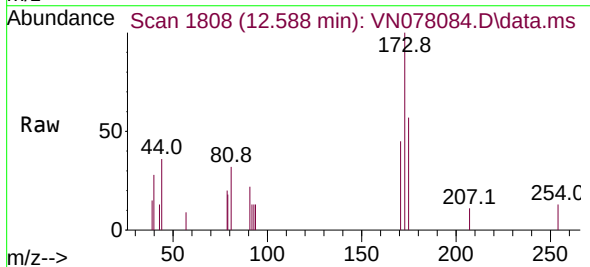
RT: 12.588 min Scan# 1808

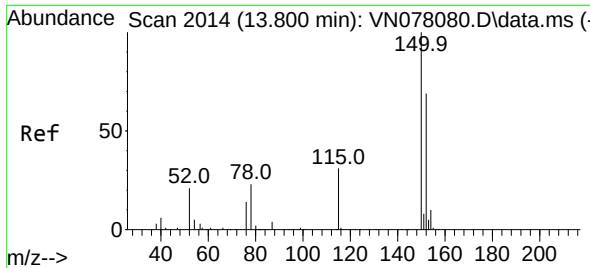
Delta R.T. 0.000 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

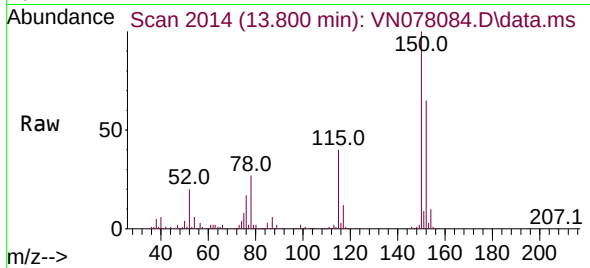
Tgt Ion:	173	Resp:	2992
Ion Ratio	Lower	Upper	
173	100		
175	51.3	24.3	73.0
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

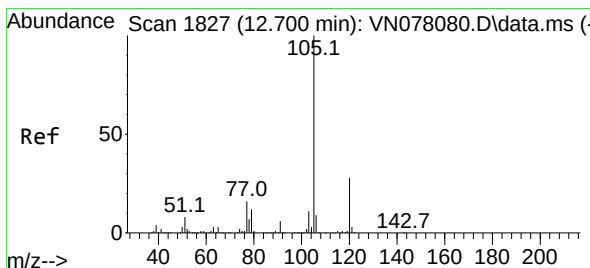
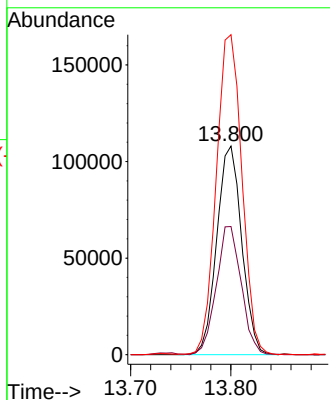
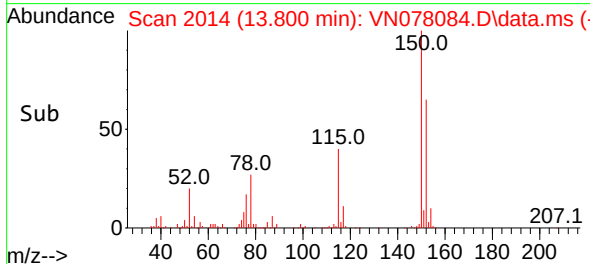
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



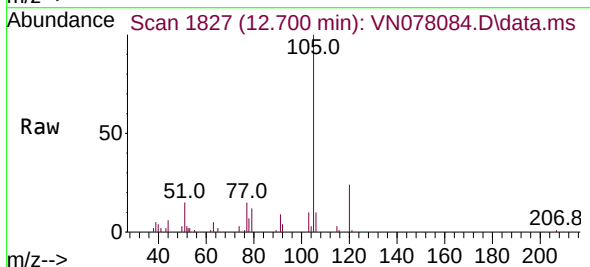
Tgt Ion:152 Resp: 18660
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 157.8 0.0 355.8

Manual Integrations
APPROVED

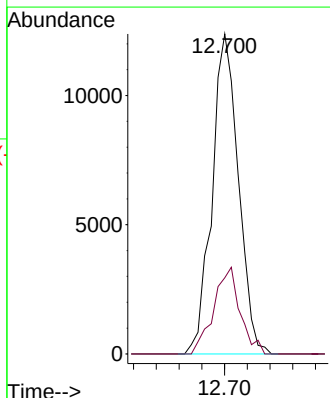
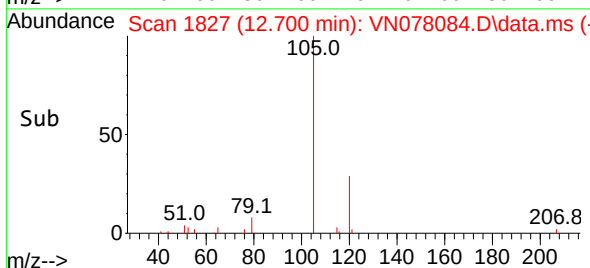
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

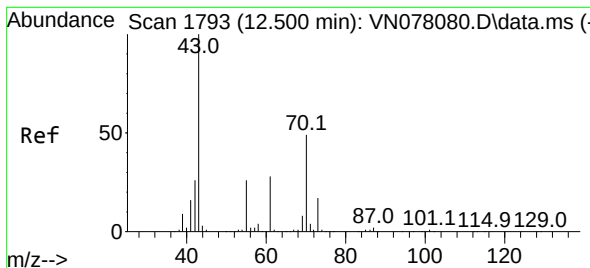


#73
Isopropylbenzene
Concen: 1.129 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



Tgt Ion:105 Resp: 19922
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1





#74

N-amy1 acetate

Concen: 1.148 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

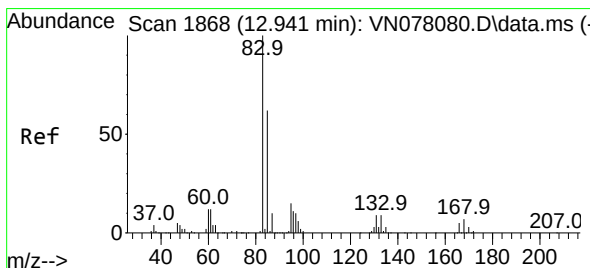
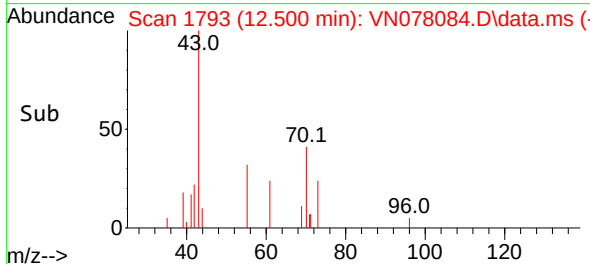
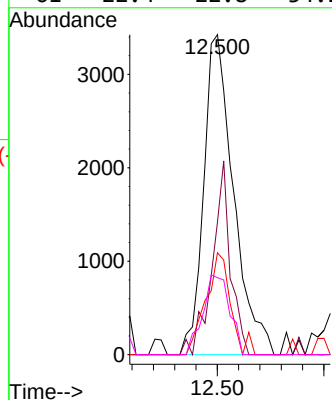
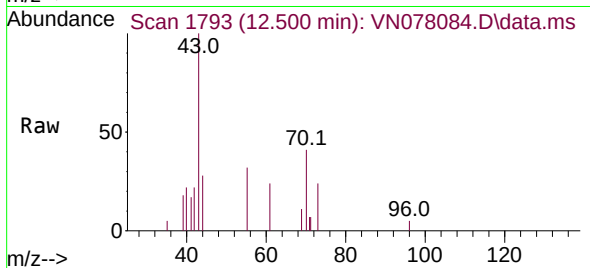
Tgt Ion: 43	Resp: 6672
Ion Ratio	Lower Upper
43 100	
70 36.8	43.4 65.2
55 26.2	21.4 32.0
61 22.4	22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 1.211 ug/l

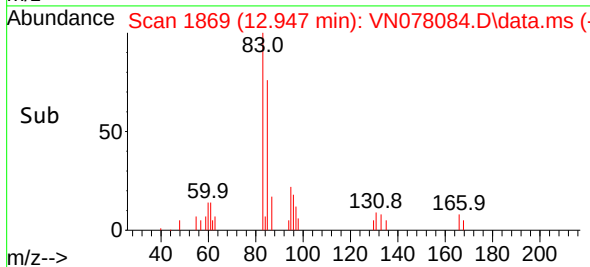
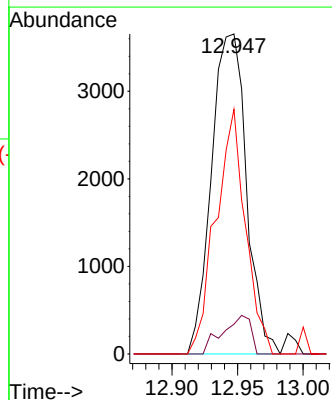
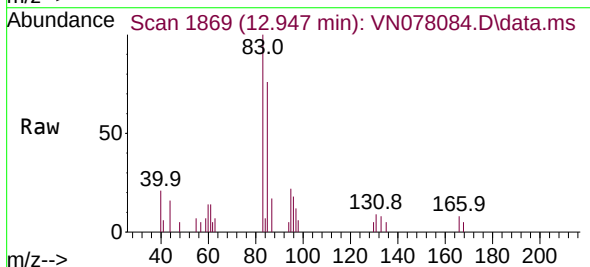
RT: 12.947 min Scan# 1869

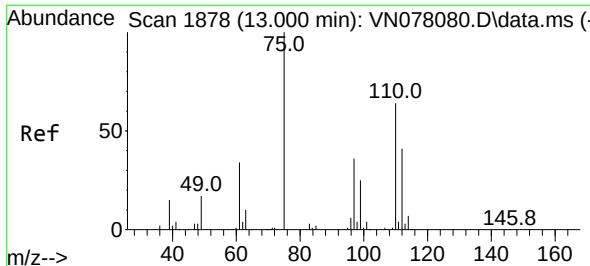
Delta R.T. 0.006 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

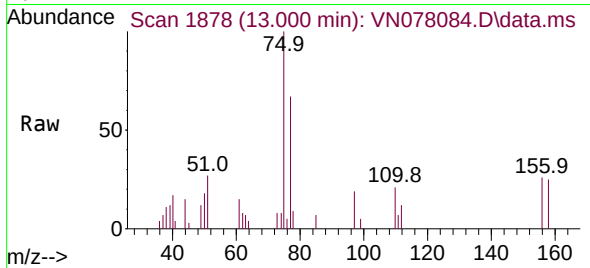
Tgt Ion: 83	Resp: 6779
Ion Ratio	Lower Upper
83 100	
131 9.7	5.0 15.0
85 64.9	31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 1.193 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

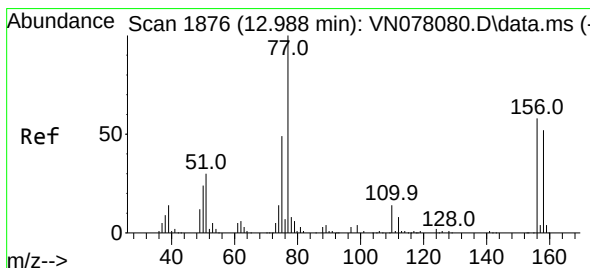
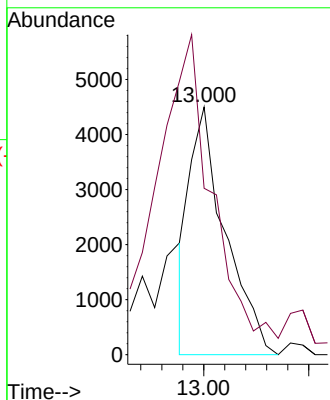
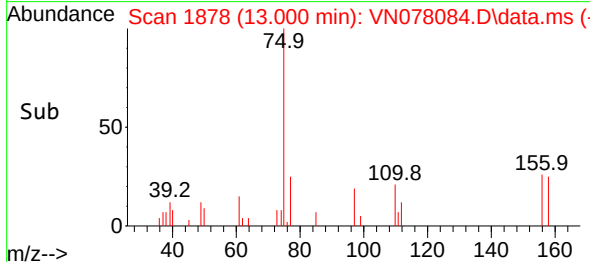
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



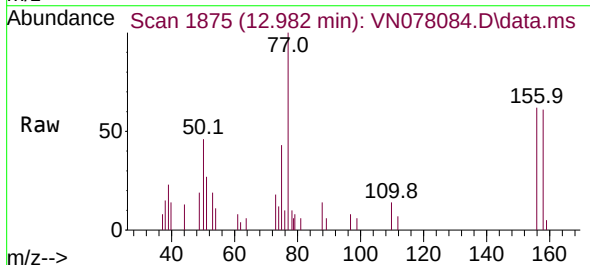
Tgt Ion: 75 Resp: 528
Ion Ratio Lower Upper
75 100
77 212.7 84.5 253.5

Manual Integrations
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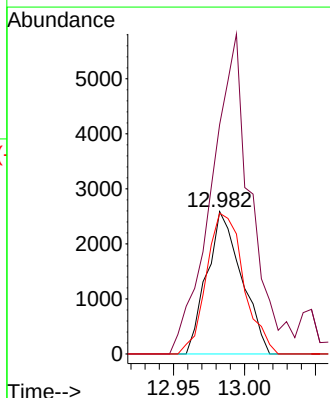
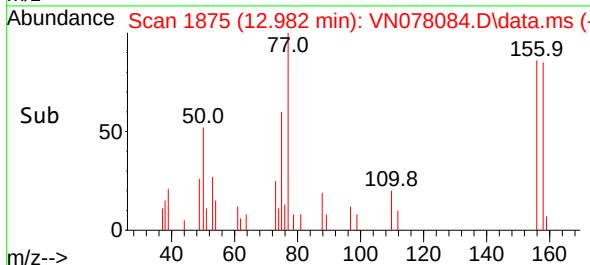
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

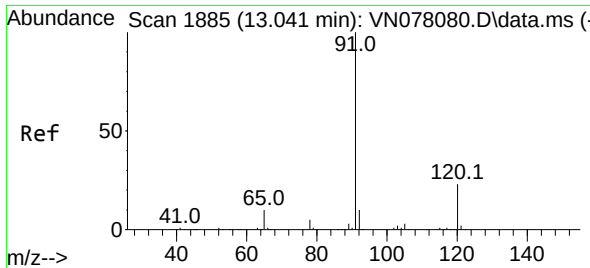


#77
Bromobenzene
Concen: 1.071 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



Tgt Ion:156 Resp: 4386
Ion Ratio Lower Upper
156 100
77 256.2 107.7 323.3
158 106.4 48.4 145.3





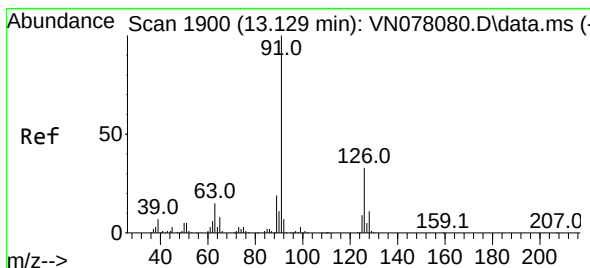
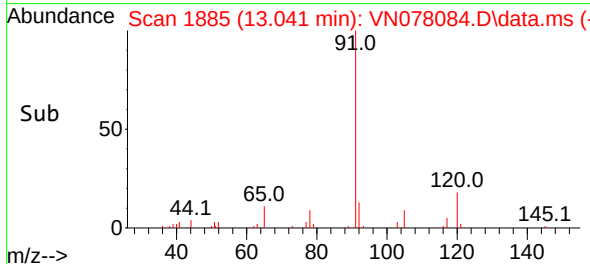
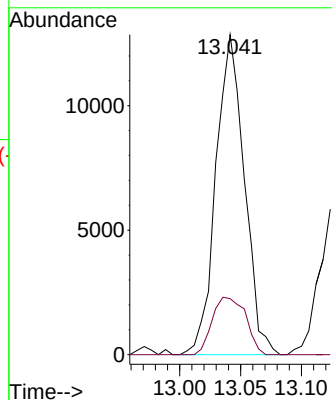
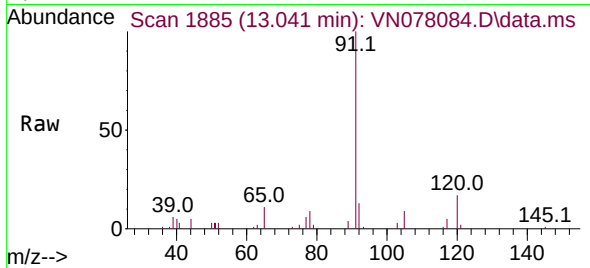
#78
n-propylbenzene
Concen: 1.093 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 20952
Ion Ratio Lower Upper
91 100
120 21.0 11.5 34.4

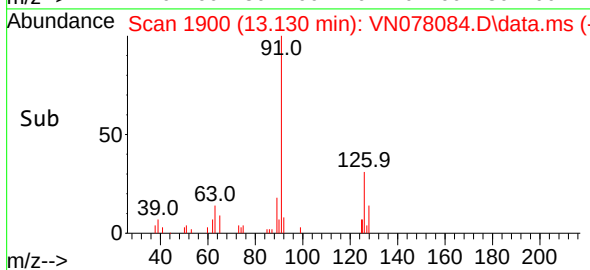
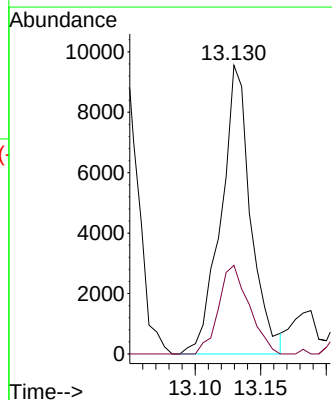
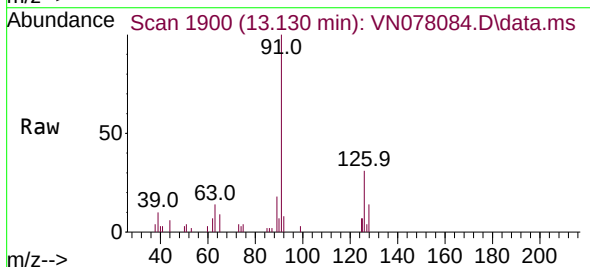
Manual Integrations
APPROVED

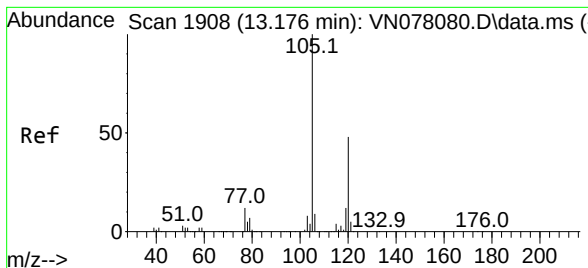
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#79
2-Chlorotoluene
Concen: 1.218 ug/l
RT: 13.130 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion: 91 Resp: 15072
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 1.129 ug/l

RT: 13.182 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 16130

Ion Ratio Lower Upper

105 100

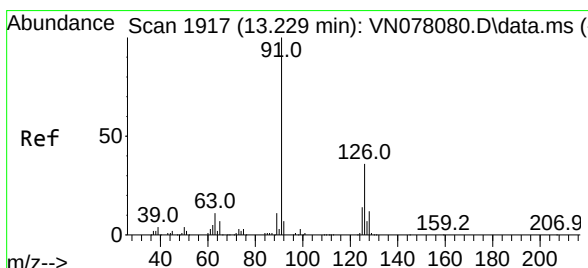
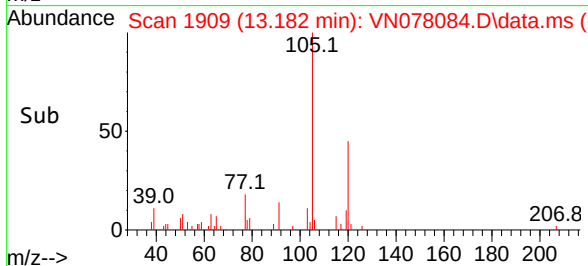
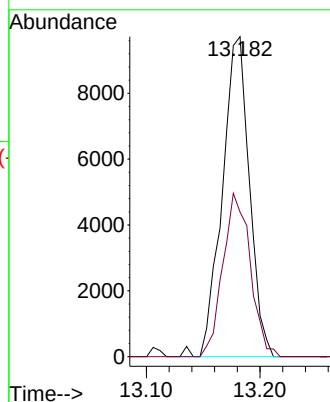
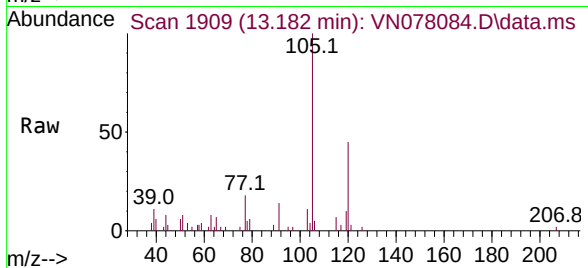
120 51.6 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#82

4-Chlorotoluene

Concen: 1.148 ug/l

RT: 13.230 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VN078084.D

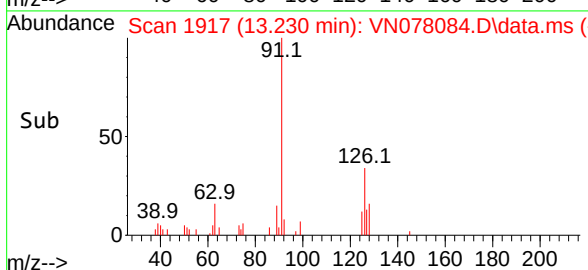
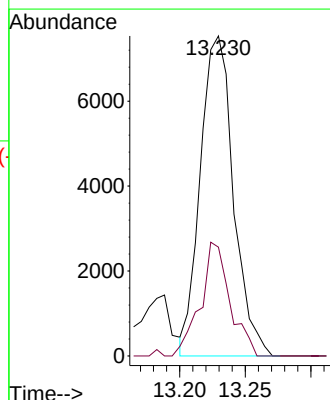
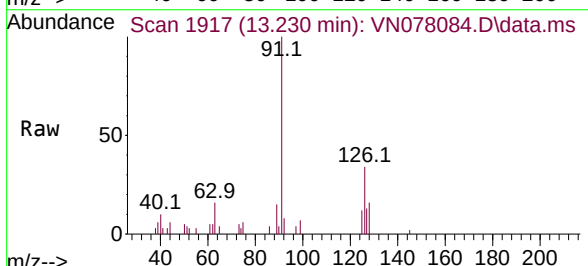
Acq: 06 Jun 2023 23:22

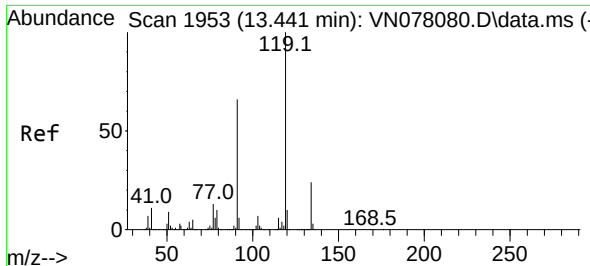
Tgt Ion: 91 Resp: 13257

Ion Ratio Lower Upper

91 100

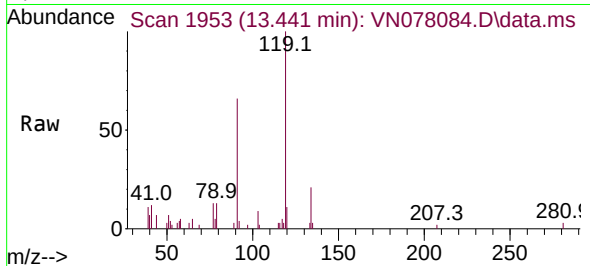
126 31.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 1.151 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

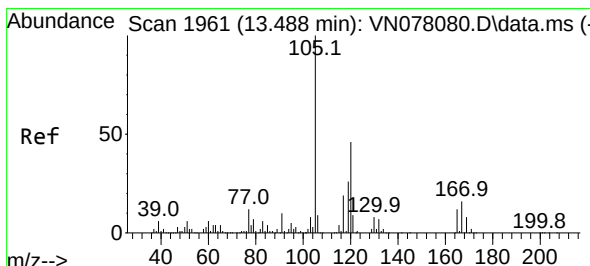
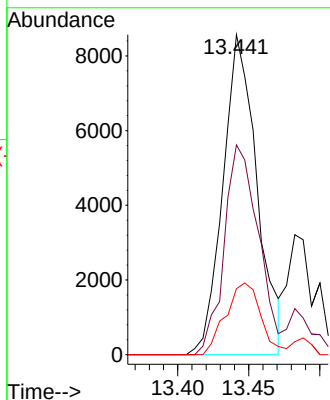
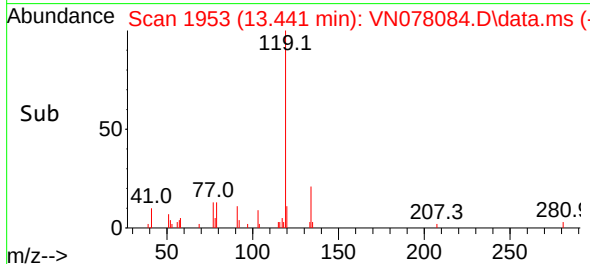
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



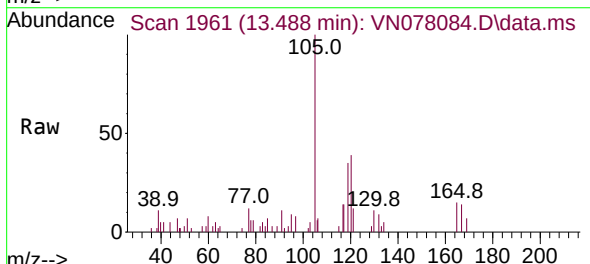
Tgt Ion:119 Resp: 1429
Ion Ratio Lower Upper
119 100
91 65.7 33.9 101.7
134 23.3 13.2 39.6

Manual Integrations
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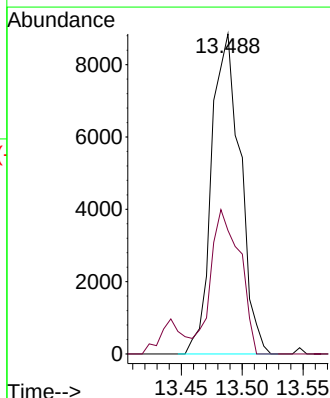
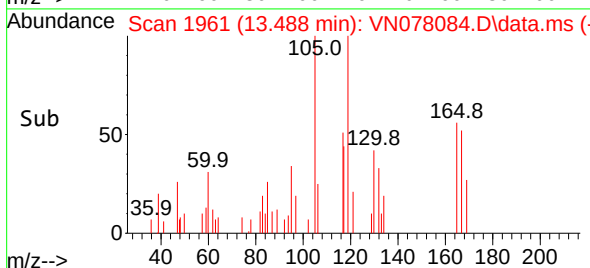
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

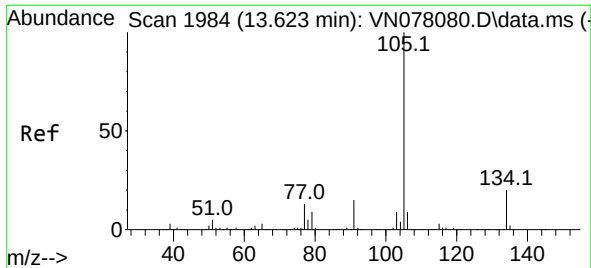


#84
1,2,4-Trimethylbenzene
Concen: 1.047 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



Tgt Ion:105 Resp: 14501
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





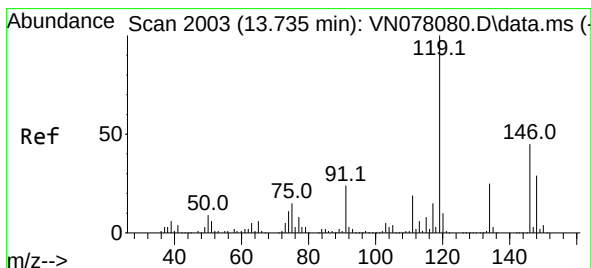
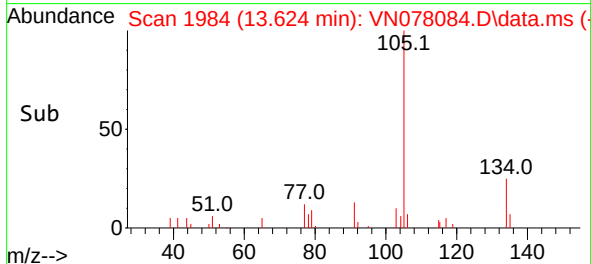
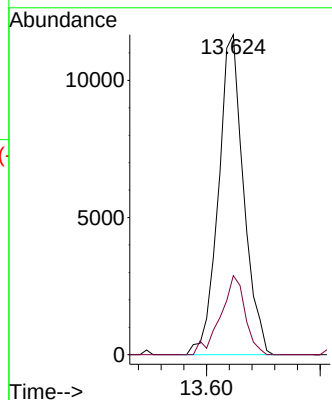
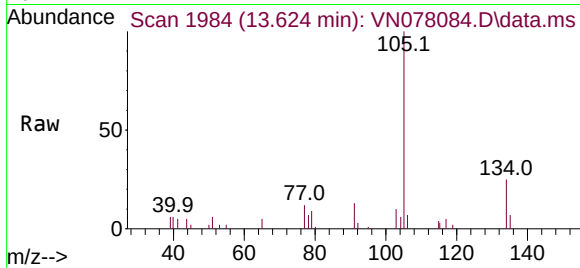
#85
 sec-Butylbenzene
 Concen: 1.107 ug/l
 RT: 13.624 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 17989
 Ion Ratio Lower Upper
 105 100
 134 24.0 9.8 29.3

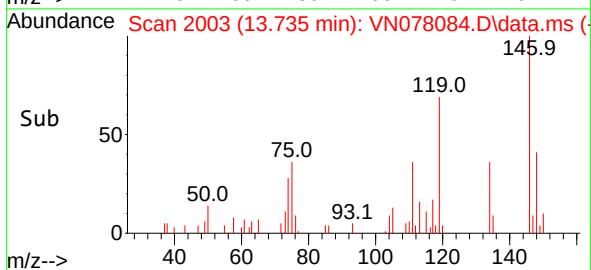
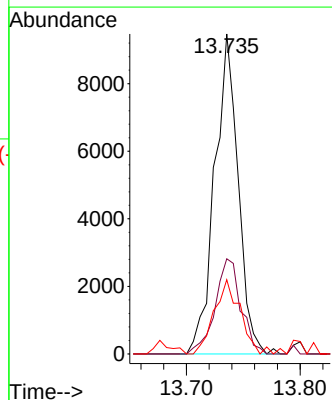
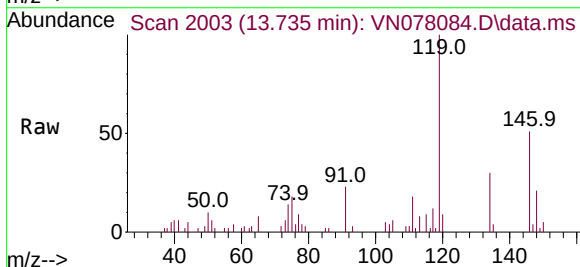
Manual Integrations
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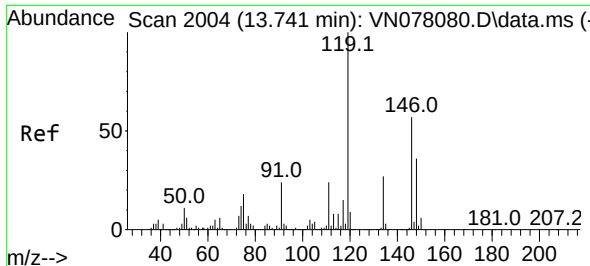
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#86
 p-Isopropyltoluene
 Concen: 1.034 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078084.D
 Acq: 06 Jun 2023 23:22

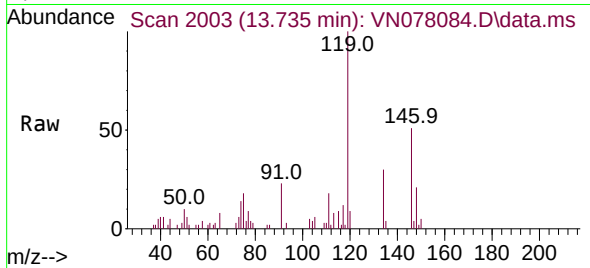
Tgt Ion:119 Resp: 13638
 Ion Ratio Lower Upper
 119 100
 134 32.6 12.6 37.8
 91 25.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 1.160 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

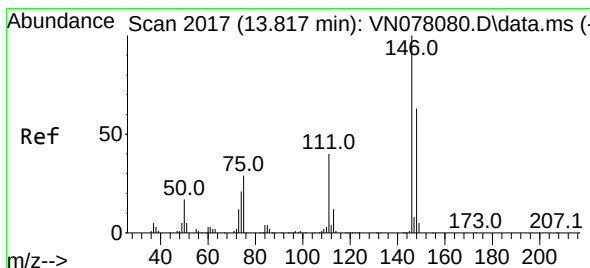
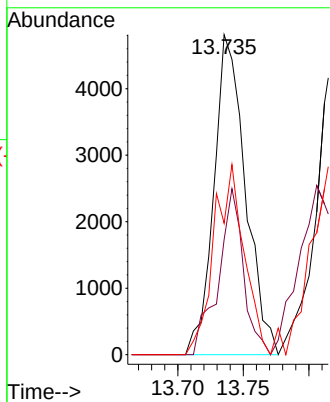
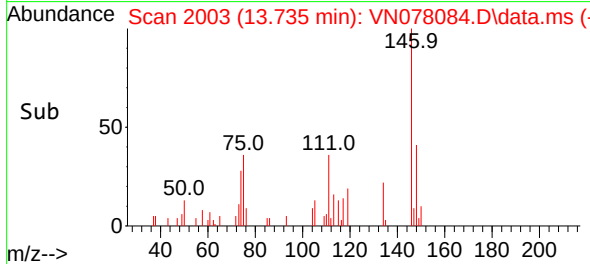
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:146 Resp: 8030
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.3
148 56.9 32.0 96.0

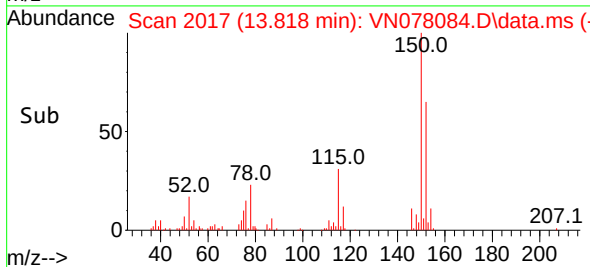
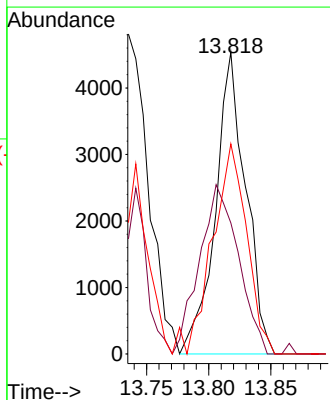
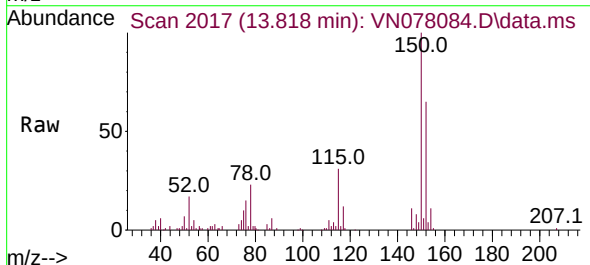
Manual Integrations
APPROVED

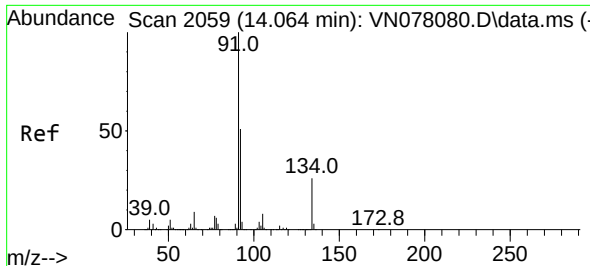
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#88
1,4-Dichlorobenzene
Concen: 1.148 ug/l m
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion:146 Resp: 7676
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.8
148 59.6 31.6 94.8





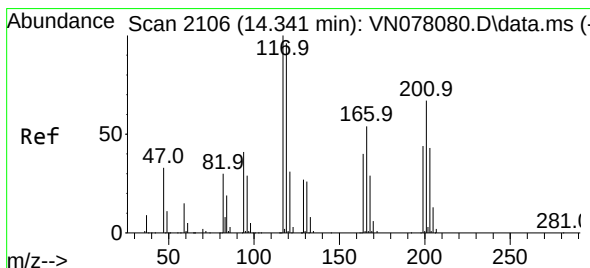
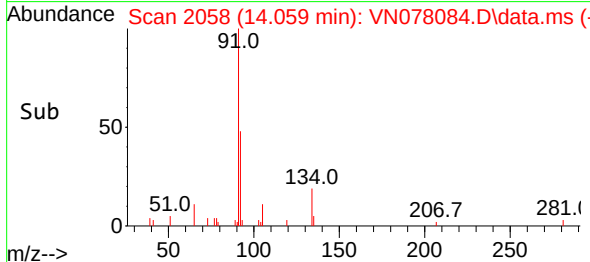
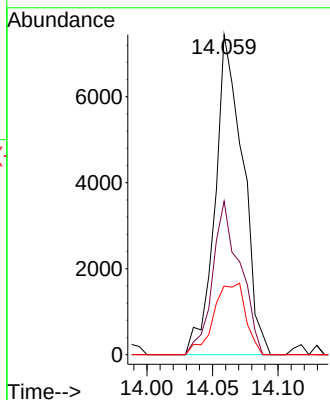
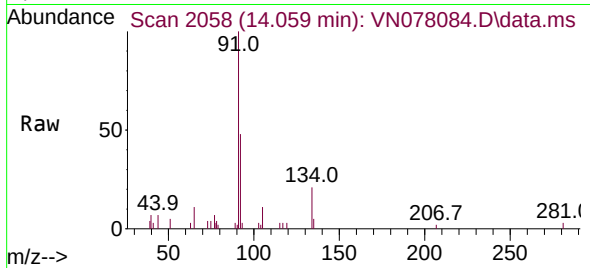
#89
n-Butylbenzene
Concen: 1.052 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 10940
Ion Ratio Lower Upper
91 100
92 47.8 26.4 79.0
134 25.8 12.6 37.6

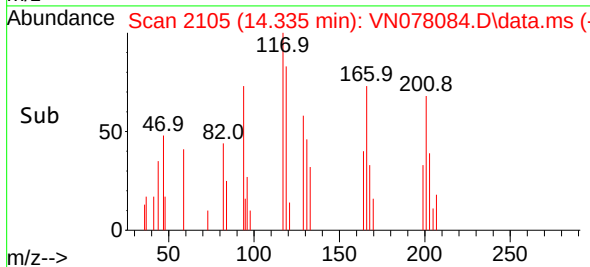
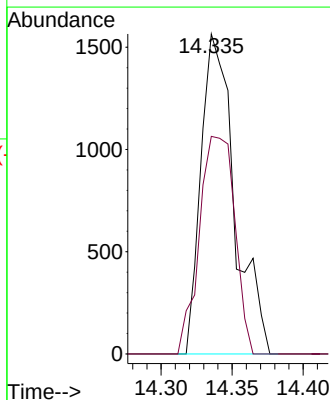
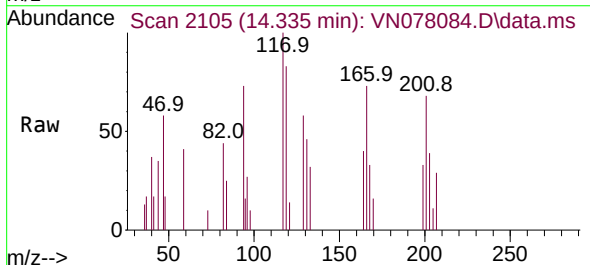
Manual Integrations
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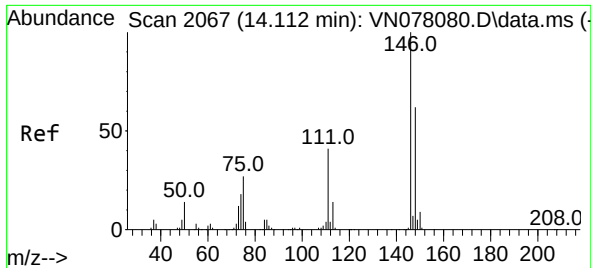
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#90
Hexachloroethane
Concen: 1.097 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Tgt Ion:117 Resp: 2568
Ion Ratio Lower Upper
117 100
201 71.7 29.3 88.0





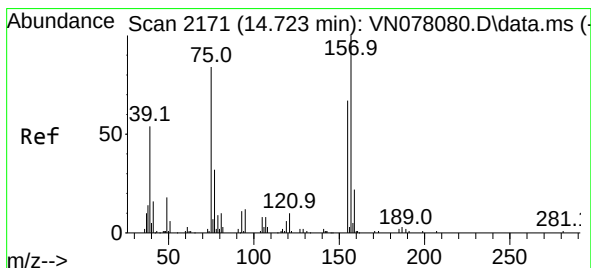
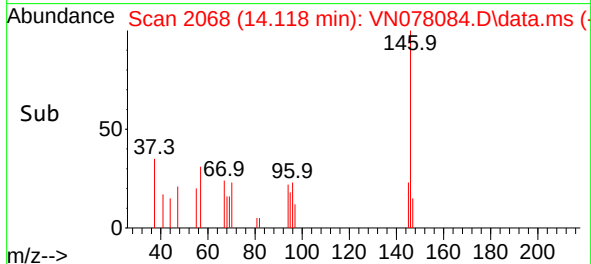
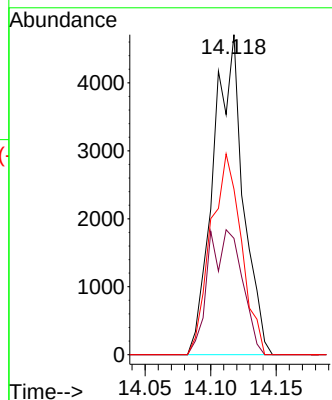
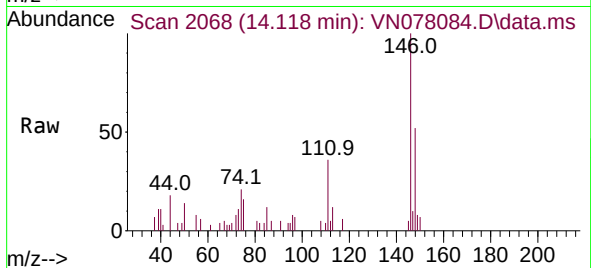
#91
1,2-Dichlorobenzene
Concen: 1.102 ug/l
RT: 14.118 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 746
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 64.2 31.8 95.3

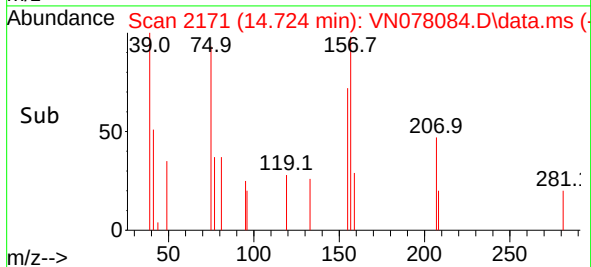
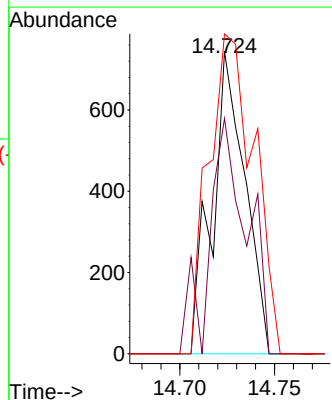
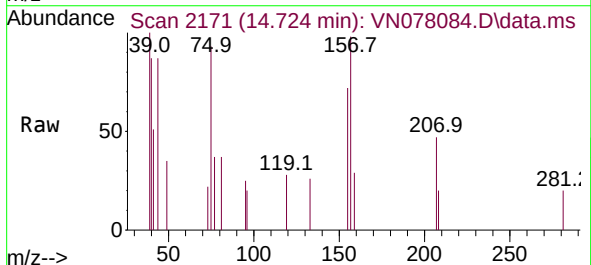
Manual Integrations
APPROVED

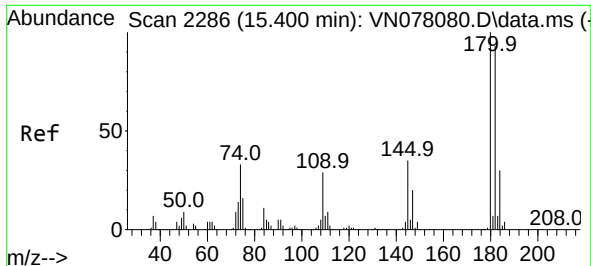
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.030 ug/l
RT: 14.724 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

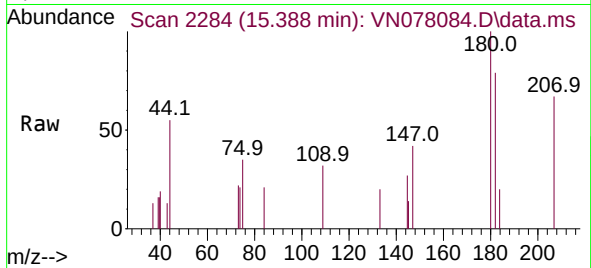
Tgt Ion: 75 Resp: 900
Ion Ratio Lower Upper
75 100
155 88.3 39.1 117.2
157 145.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 0.866 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22

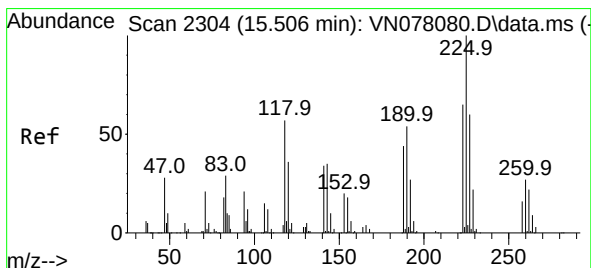
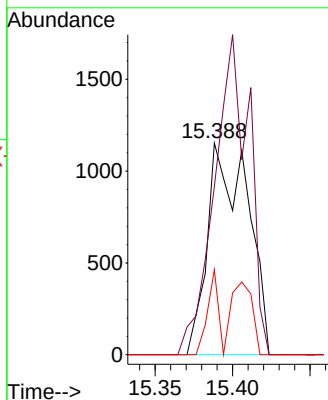
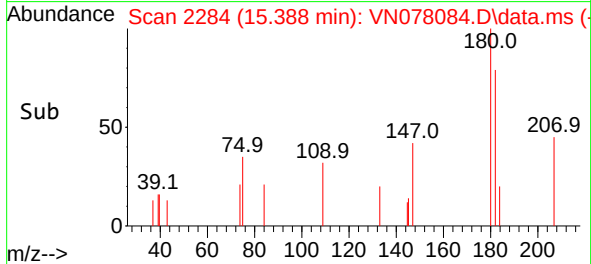
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



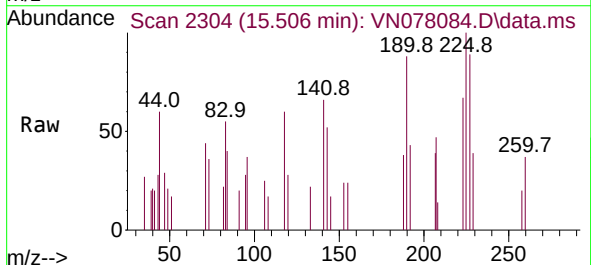
Tgt Ion:180 Resp: 2090
Ion Ratio Lower Upper
180 100
182 0.0 46.1 138.2
145 10.6 16.6 49.8

Manual Integrations
APPROVED

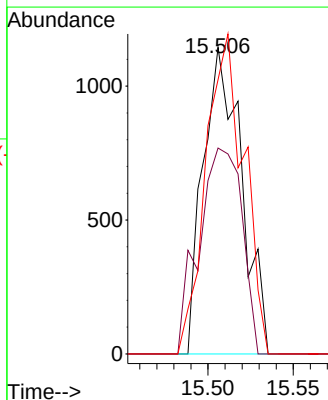
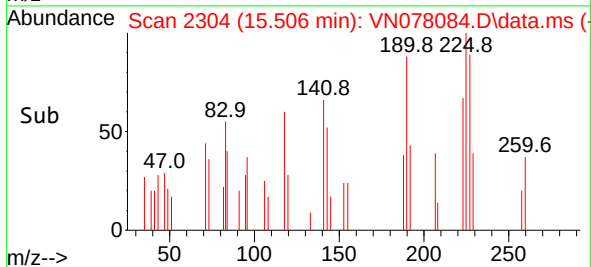
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

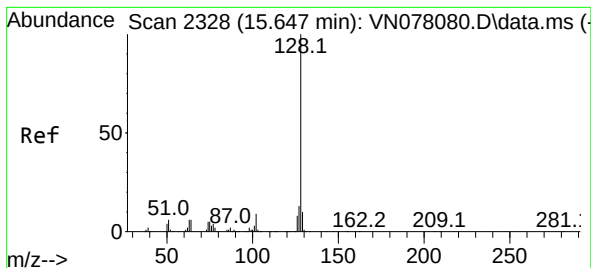


#94
Hexachlorobutadiene
Concen: 1.274 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078084.D
Acq: 06 Jun 2023 23:22



Tgt Ion:225 Resp: 1787
Ion Ratio Lower Upper
225 100
223 75.7 31.3 93.8
227 103.8 31.9 95.9





#95

Naphthalene

Concen: 0.912 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.006 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

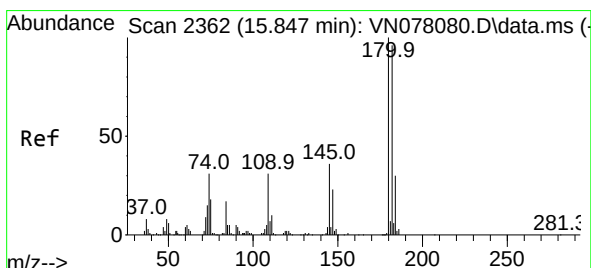
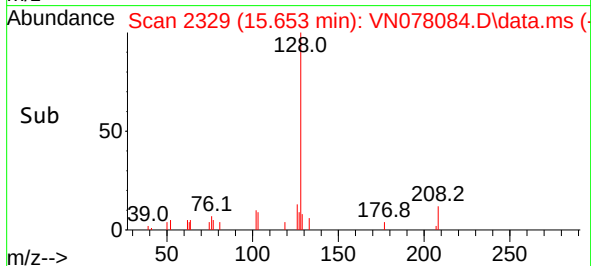
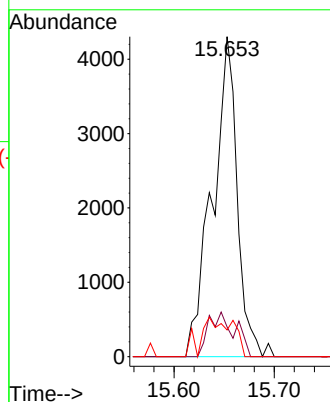
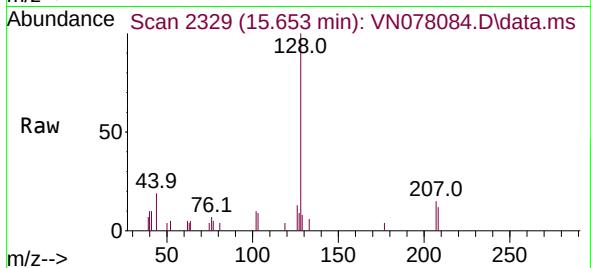
Tgt Ion:128	Resp:	7398
Ion Ratio	Lower	Upper
128	100	
127	14.9	10.0 15.0
129	15.8	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#96

1,2,3-Trichlorobenzene

Concen: 1.059 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078084.D

Acq: 06 Jun 2023 23:22

Tgt Ion:180	Resp:	2858
Ion Ratio	Lower	Upper
180	100	
182	104.3	46.2 138.6
145	43.5	17.5 52.6

