

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078347.D
 Acq On : 22 Jun 2023 14:04
 Operator : JC\MD
 Sample : VN0622MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 17:01:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	384263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	594250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268545	52.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	8.171	113	229998	53.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.240%			
50) Toluene-d8	10.571	98	831416	49.811	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.853	95	253326	48.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	83422	19.205	ug/l	93
3) Chloromethane	2.377	50	88322	20.539	ug/l	100
4) Vinyl Chloride	2.524	62	121245	21.316	ug/l	98
5) Bromomethane	2.971	94	102986	23.958	ug/l	91
6) Chloroethane	3.136	64	87317	22.520	ug/l	99
7) Trichlorofluoromethane	3.512	101	143219	18.568	ug/l	99
8) Diethyl Ether	3.971	74	50484	18.628	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.395	101	75123	18.455	ug/l	94
10) Methyl Iodide	4.606	142	107128	18.609	ug/l	91
11) Tert butyl alcohol	5.530	59	58287	82.392	ug/l	96
12) 1,1-Dichloroethene	4.353	96	73947	17.623	ug/l	84
13) Acrolein	4.189	56	70757	90.751	ug/l	98
14) Allyl chloride	5.030	41	97589	19.052	ug/l	92
15) Acrylonitrile	5.736	53	170203	93.319	ug/l	99
16) Acetone	4.442	43	132792	90.047	ug/l	93
17) Carbon Disulfide	4.724	76	198202	18.351	ug/l	99
18) Methyl Acetate	5.042	43	124999	18.411	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	245649	18.348	ug/l	94
20) Methylene Chloride	5.289	84	91191	18.713	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	81610	18.032	ug/l	88
22) Diisopropyl ether	6.677	45	240568	19.966	ug/l #	92
23) Vinyl Acetate	6.618	43	682533	95.295	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	152775	19.221	ug/l	97
25) 2-Butanone	7.494	43	206286	90.964	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	127006	21.641	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	94529	17.510	ug/l	94
28) Bromochloromethane	7.824	49	81554	22.347	ug/l	91
29) Tetrahydrofuran	7.847	42	135618	89.456	ug/l	85
30) Chloroform	7.977	83	161675	18.890	ug/l	96
31) Cyclohexane	8.265	56	120910	18.397	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	142826	19.008	ug/l	97
36) 1,1-Dichloropropene	8.383	75	115425	18.586	ug/l	97
37) Ethyl Acetate	7.571	43	89991	18.549	ug/l #	93
38) Carbon Tetrachloride	8.365	117	126425	19.279	ug/l	95
39) Methylcyclohexane	9.606	83	102211	15.881	ug/l	90
40) Benzene	8.612	78	356619	19.234	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078347.D
 Acq On : 22 Jun 2023 14:04
 Operator : JC\MD
 Sample : VN0622MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 17:01:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	47846	18.194	ug/l	94
42) 1,2-Dichloroethane	8.683	62	131306	20.655	ug/l	96
43) Isopropyl Acetate	8.694	43	163055	17.573	ug/l	94
44) Trichloroethene	9.359	130	91159	18.617	ug/l	90
45) 1,2-Dichloropropane	9.630	63	90850	19.694	ug/l	93
46) Dibromomethane	9.712	93	64944	19.114	ug/l	96
47) Bromodichloromethane	9.888	83	129861	20.575	ug/l	98
48) Methyl methacrylate	9.688	41	72080	18.512	ug/l	89
49) 1,4-Dioxane	9.700	88	26705	326.314	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	448863	91.868	ug/l	93
52) Toluene	10.635	92	222675	19.022	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	126895	19.305	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	147041	20.237	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	88341	19.949	ug/l	98
56) Ethyl methacrylate	10.877	69	122703	19.030	ug/l	93
57) 1,3-Dichloropropane	11.171	76	146744	19.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	245066	94.083	ug/l	92
59) 2-Hexanone	11.200	43	307085	90.265	ug/l	91
60) Dibromochloromethane	11.365	129	93403	19.275	ug/l	99
61) 1,2-Dibromoethane	11.476	107	89206	19.196	ug/l	93
64) Tetrachloroethene	11.106	164	72080	18.182	ug/l	96
65) Chlorobenzene	11.894	112	233408	18.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	90692	19.376	ug/l	99
67) Ethyl Benzene	11.971	91	391950	17.849	ug/l	96
68) m/p-Xylenes	12.076	106	307213	36.710	ug/l	99
69) o-Xylene	12.400	106	142070	17.288	ug/l	91
70) Styrene	12.418	104	234683	18.139	ug/l	99
71) Bromoform	12.582	173	55962	18.526	ug/l #	97
73) Isopropylbenzene	12.700	105	360371	18.172	ug/l	99
74) N-amyl acetate	12.500	43	113097	17.318	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	120391	20.635	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	91924m	18.541	ug/l	
77) Bromobenzene	12.982	156	86222	18.729	ug/l	99
78) n-propylbenzene	13.041	91	384558	17.848	ug/l	100
79) 2-Chlorotoluene	13.129	91	254519	18.300	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	283711	17.670	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	31806	19.710	ug/l	89
82) 4-Chlorotoluene	13.229	91	240406	18.520	ug/l	100
83) tert-Butylbenzene	13.441	119	230836	16.539	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	272270	17.491	ug/l	98
85) sec-Butylbenzene	13.618	105	293383	16.060	ug/l	100
86) p-Isopropyltoluene	13.735	119	239614	16.164	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	132422	17.005	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	132576	17.644	ug/l	98
89) n-Butylbenzene	14.059	91	174734	14.944	ug/l	96
90) Hexachloroethane	14.341	117	44333	16.852	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	133271	17.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16456	16.752	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	34060	12.561	ug/l	92
94) Hexachlorobutadiene	15.506	225	23536	15.879	ug/l	97
95) Naphthalene	15.647	128	105722	11.591	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	40898	13.486	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
Data File : VN078347.D
Acq On : 22 Jun 2023 14:04
Operator : JC\MD
Sample : VN0622MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

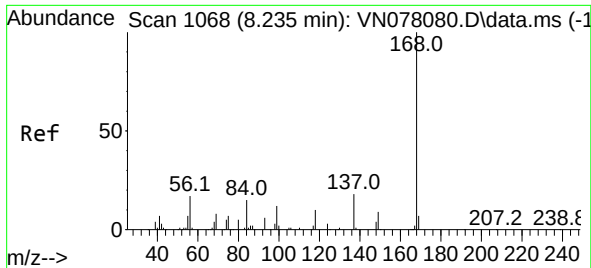
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 17:01:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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

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



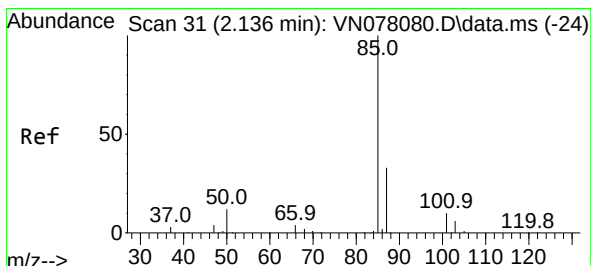
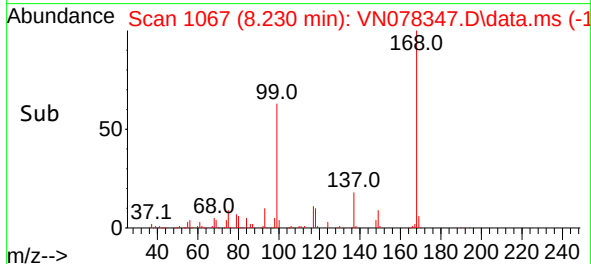
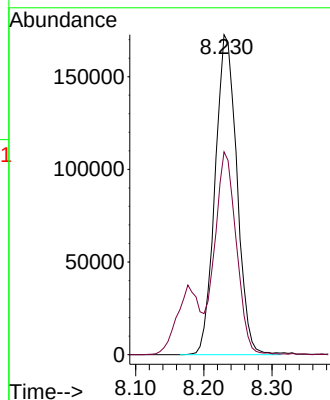
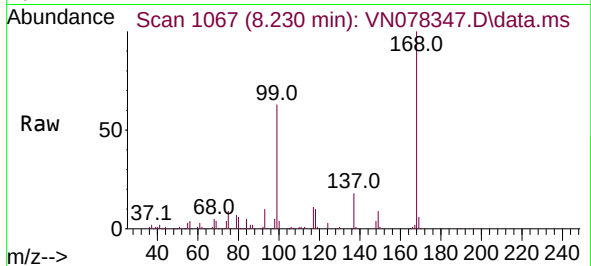
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion:168 Resp: 38426
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6

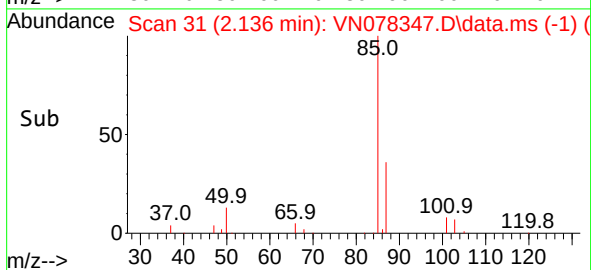
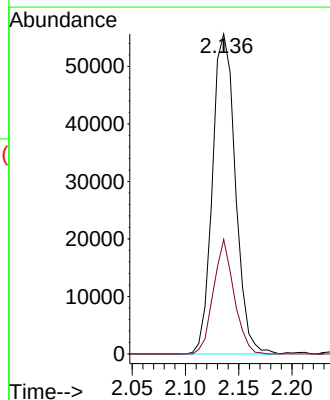
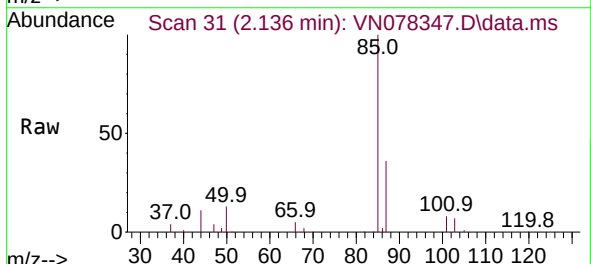
Manual Integrations
APPROVED

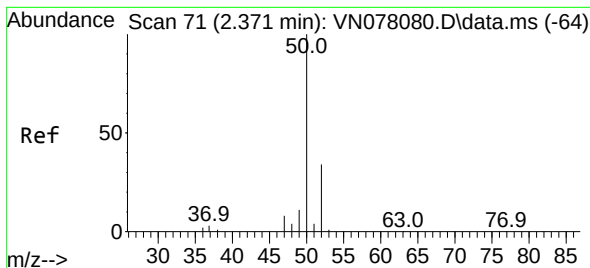
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#2
Dichlorodifluoromethane
Concen: 19.205 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion: 85 Resp: 83422
Ion Ratio Lower Upper
85 100
87 35.7 15.8 47.4





#3

Chloromethane

Concen: 20.539 ug/l

RT: 2.377 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

Tgt Ion: 50 Resp: 8832

Ion Ratio Lower Upper

50 100

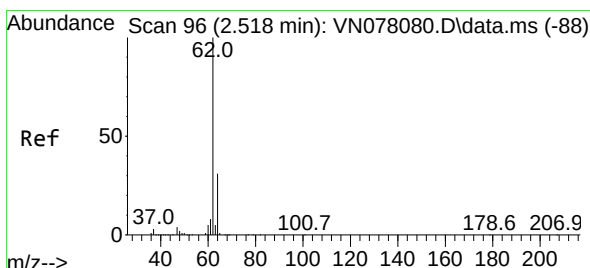
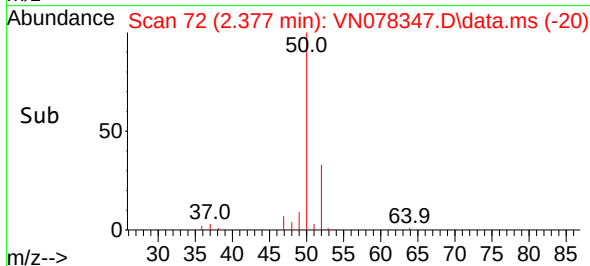
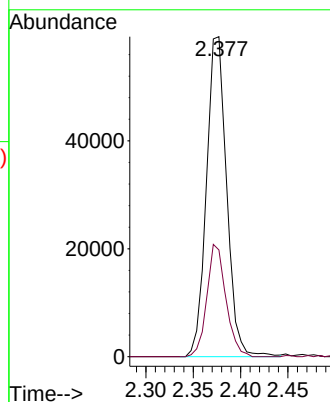
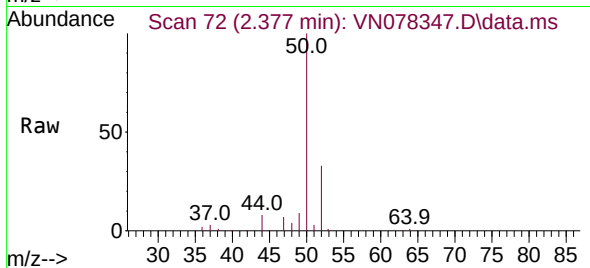
52 33.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#4

Vinyl Chloride

Concen: 21.316 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078347.D

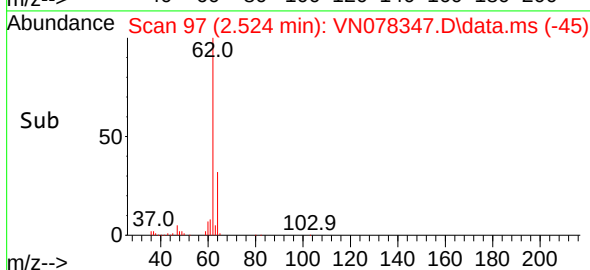
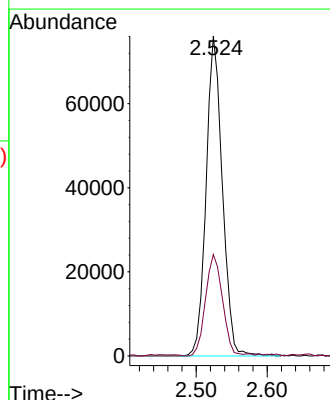
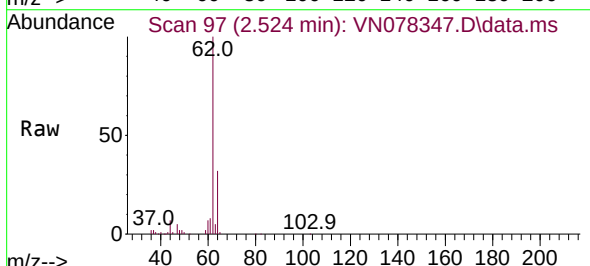
Acq: 22 Jun 2023 14:04

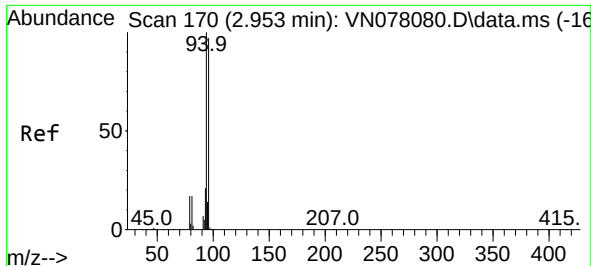
Tgt Ion: 62 Resp: 121245

Ion Ratio Lower Upper

62 100

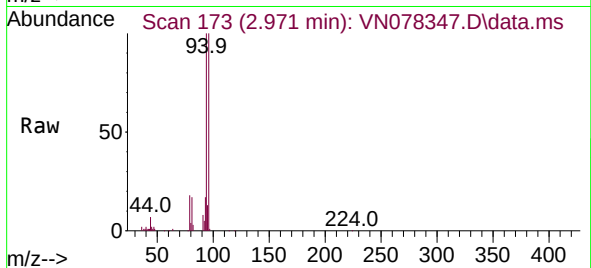
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 23.958 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

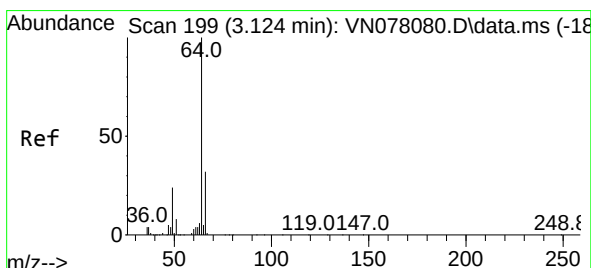
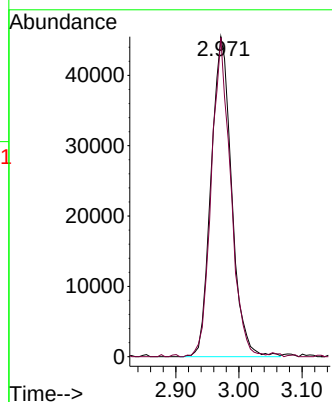
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 94 Resp: 102980
Ion Ratio Lower Upper
94 100
96 99.7 73.1 109.7

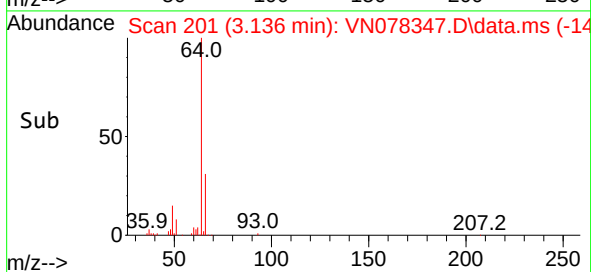
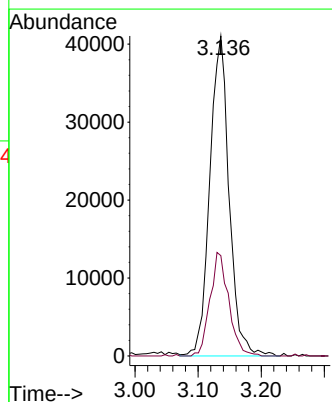
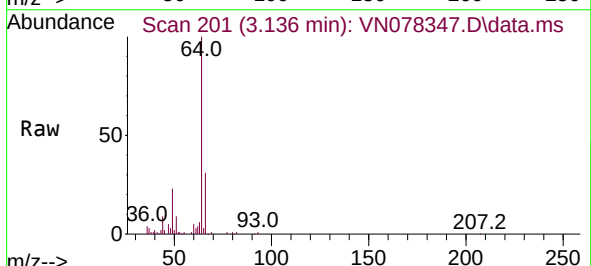
Manual Integrations
APPROVED

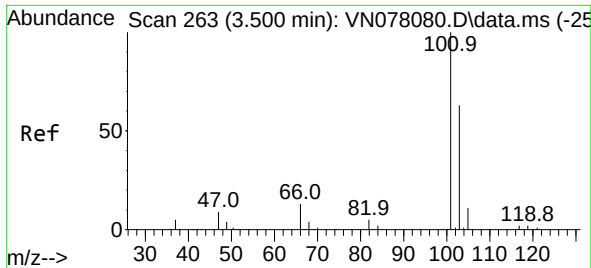
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#6
Chloroethane
Concen: 22.520 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

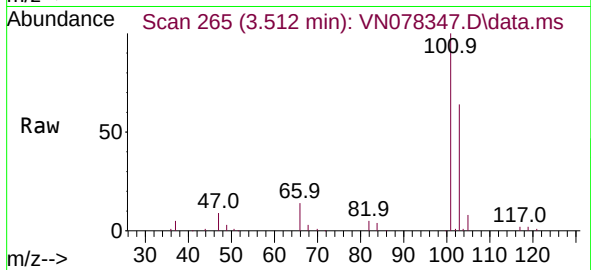
Tgt Ion: 64 Resp: 87317
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.568 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.012 min
 Lab File: VN078347.D
 Acq: 22 Jun 2023 14:04

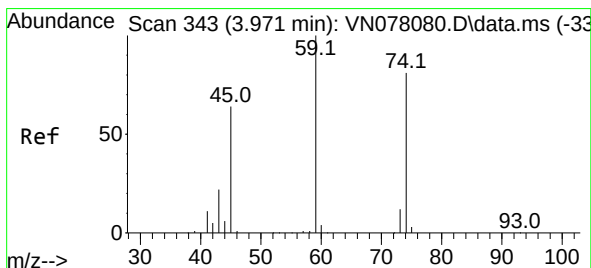
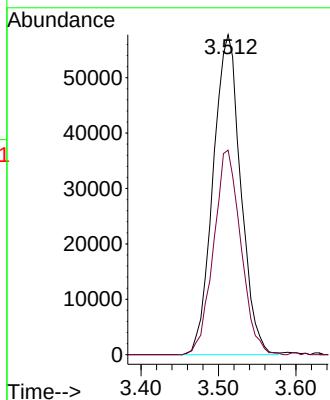
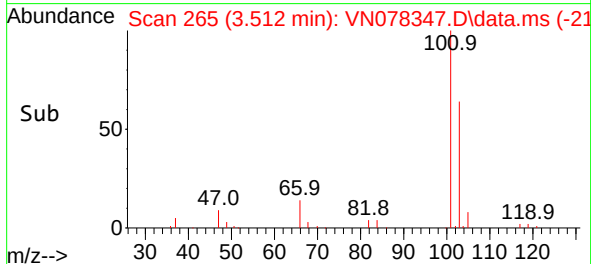
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01



Tgt Ion:101 Resp: 143219
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.7 76.1

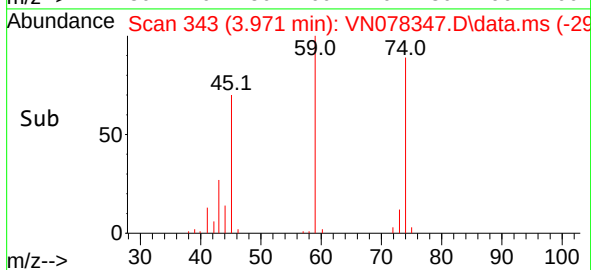
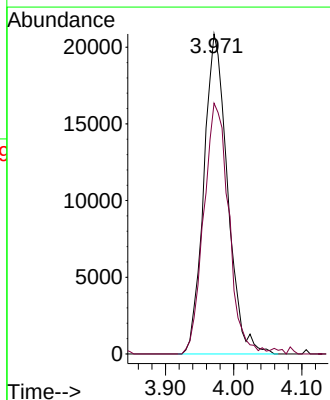
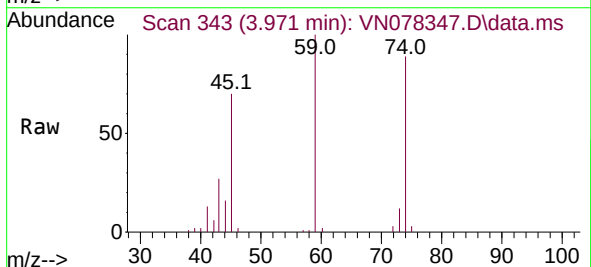
Manual Integrations
 APPROVED

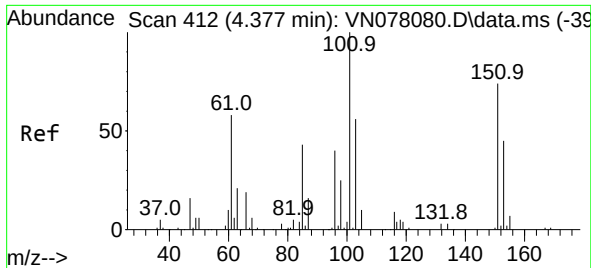
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#8
 Diethyl Ether
 Concen: 18.628 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078347.D
 Acq: 22 Jun 2023 14:04

Tgt Ion: 74 Resp: 50484
 Ion Ratio Lower Upper
 74 100
 45 82.5 34.4 103.3





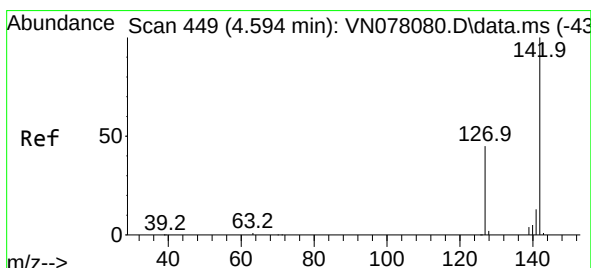
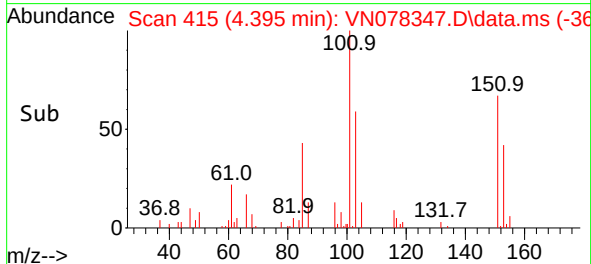
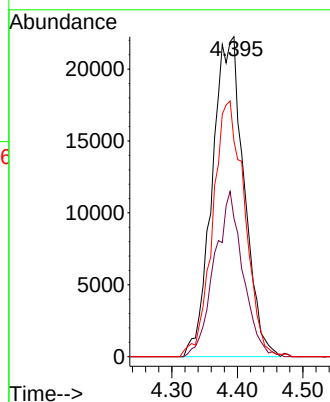
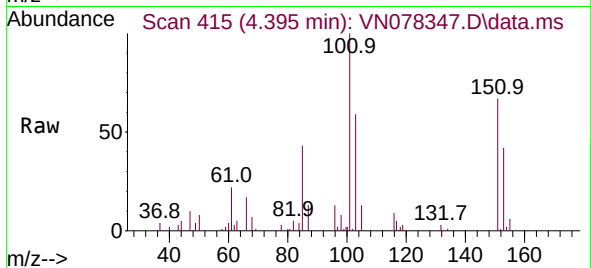
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.455 ug/l
RT: 4.395 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion:101 Resp: 7512
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 79.9 57.6 86.4

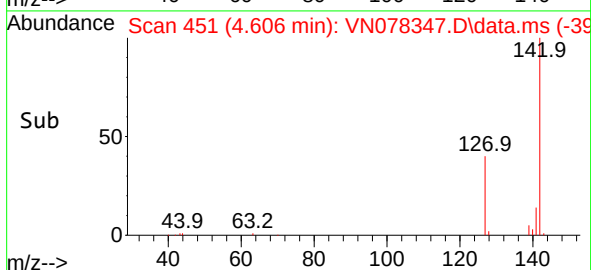
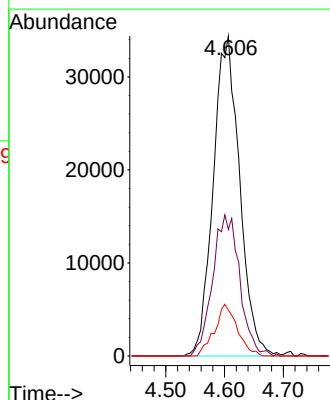
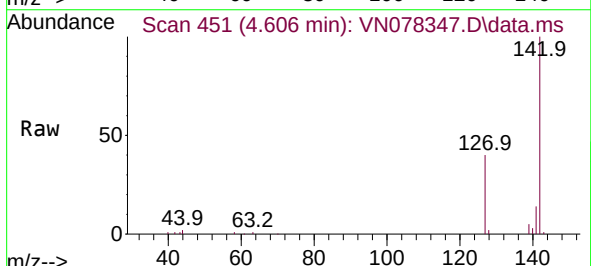
Manual Integrations
APPROVED

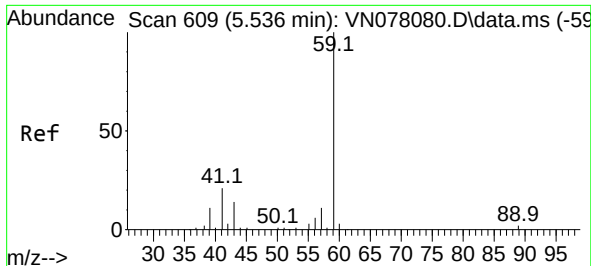
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#10
Methyl Iodide
Concen: 18.609 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

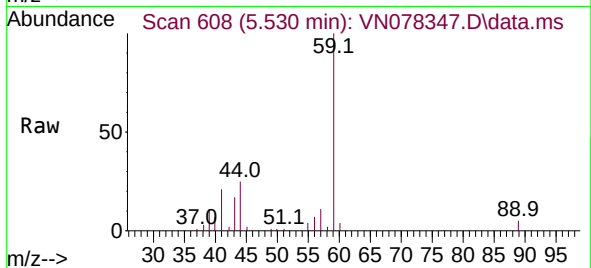
Tgt Ion:142 Resp: 107128
Ion Ratio Lower Upper
142 100
127 39.6 37.6 56.4
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 82.392 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

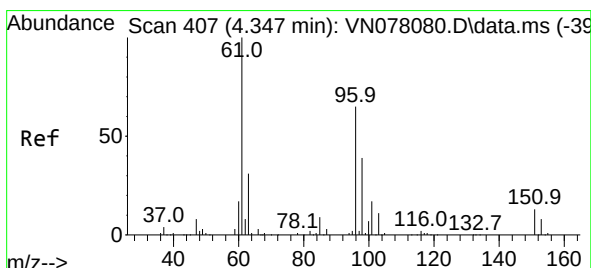
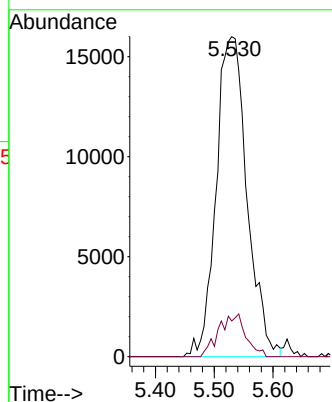
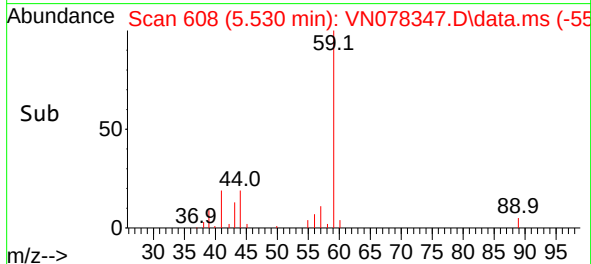
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



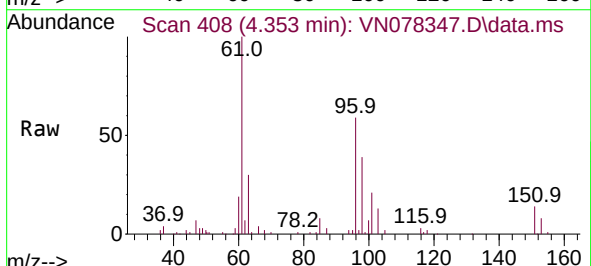
Tgt Ion: 59 Resp: 5828
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4

Manual Integrations
APPROVED

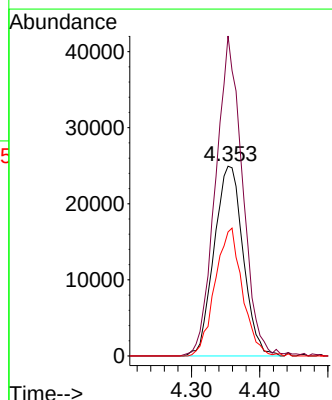
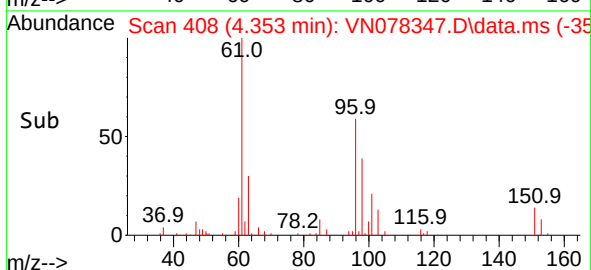
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

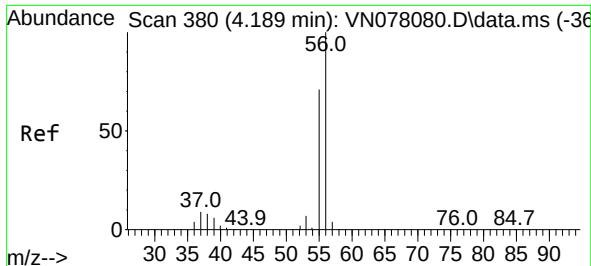


#12
1,1-Dichloroethene
Concen: 17.623 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



Tgt Ion: 96 Resp: 73947
Ion Ratio Lower Upper
96 100
61 168.6 112.7 169.1
98 65.3 51.2 76.8





#13

Acrolein

Concen: 90.751 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

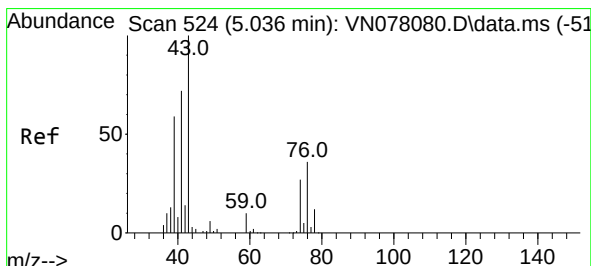
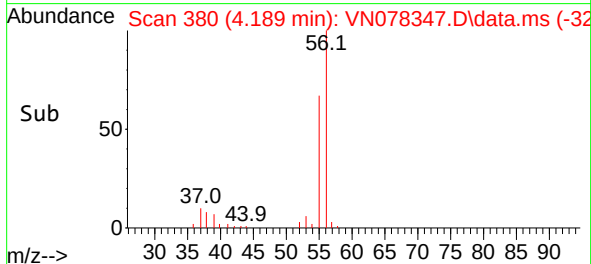
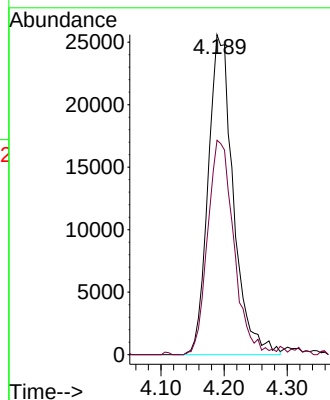
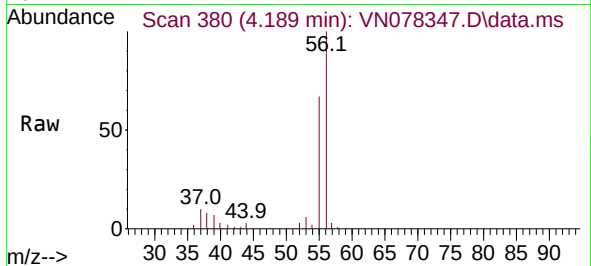
ClientSampleId :

VN0622MBS01

Tgt Ion: 56 Resp: 7075
 Ion Ratio Lower Upper
 56 100
 55 69.9 54.5 81.7

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#14

Allyl chloride

Concen: 19.052 ug/l

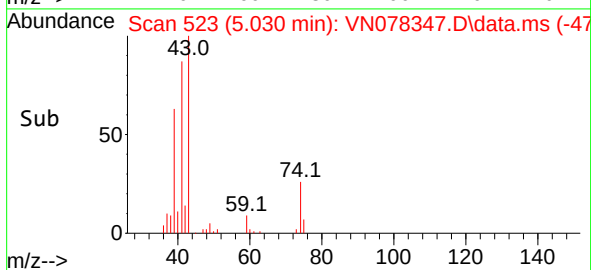
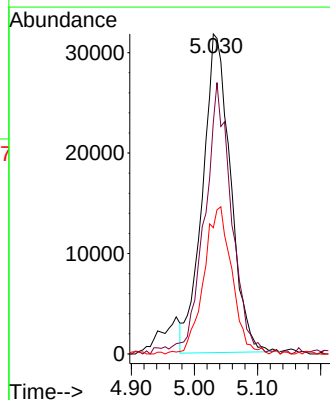
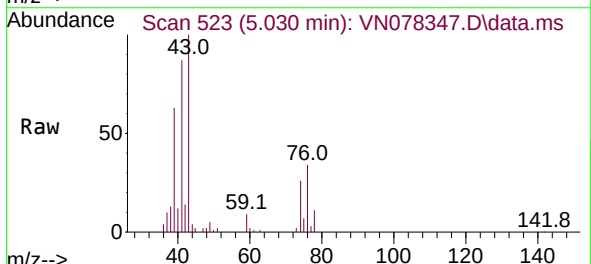
RT: 5.030 min Scan# 523

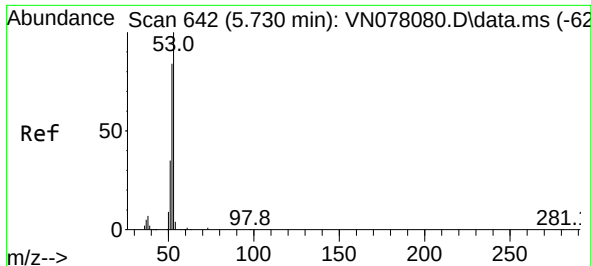
Delta R.T. -0.006 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

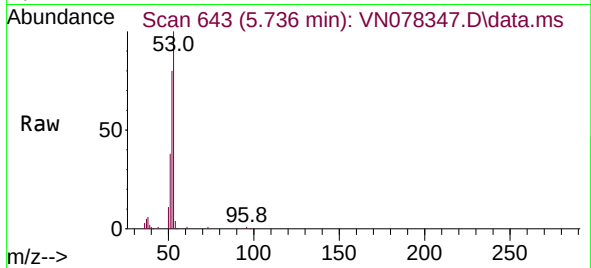
Tgt Ion: 41 Resp: 97589
 Ion Ratio Lower Upper
 41 100
 39 82.1 58.8 88.2
 76 46.3 39.1 58.7





#15
Acrylonitrile
Concen: 93.319 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

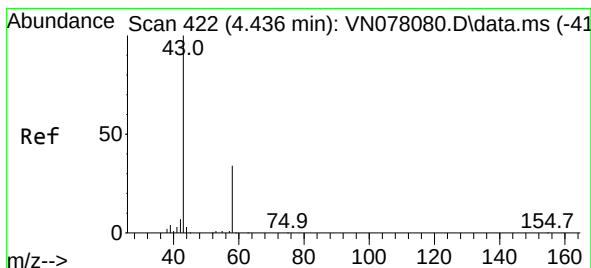
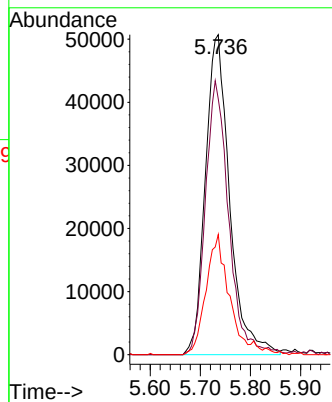
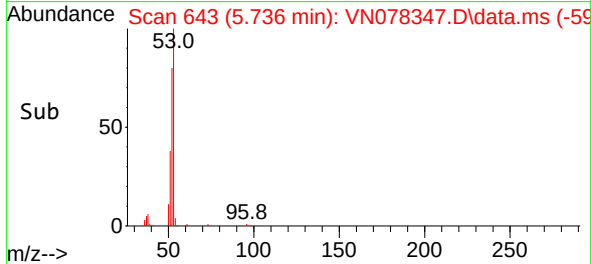
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 53 Resp: 17020
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.2 28.9 43.3

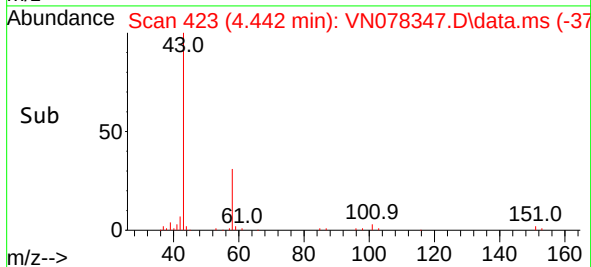
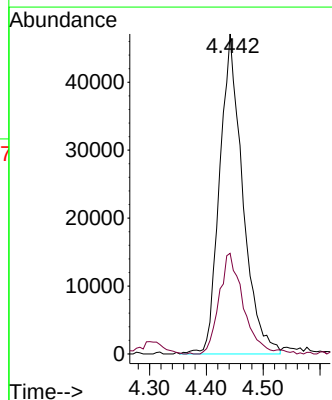
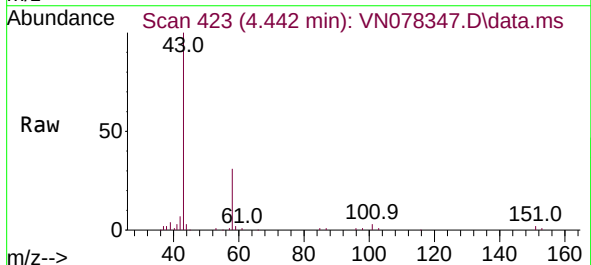
Manual Integrations
APPROVED

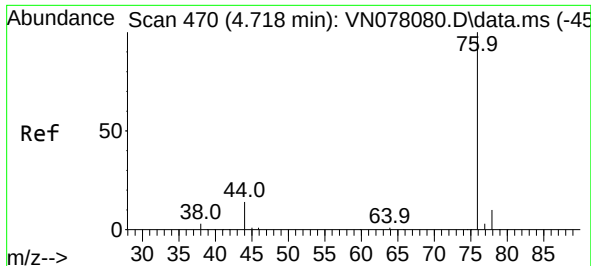
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#16
Acetone
Concen: 90.047 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion: 43 Resp: 132792
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





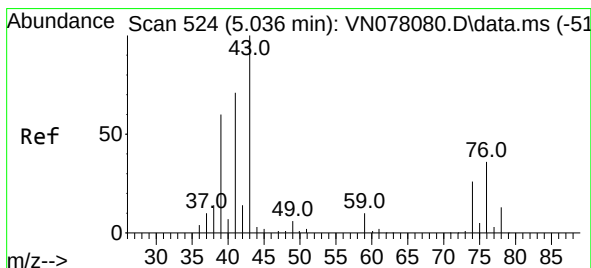
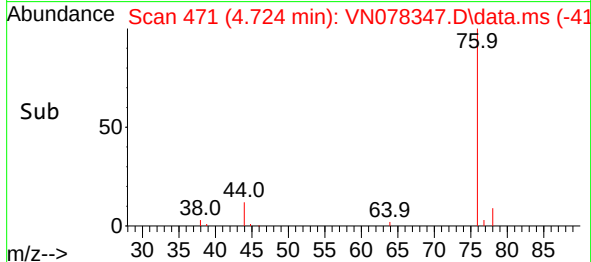
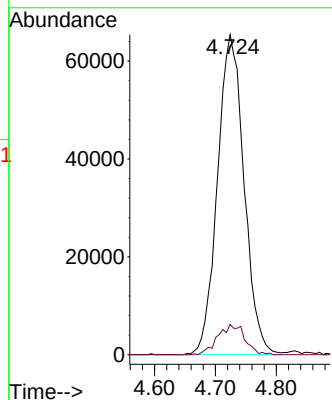
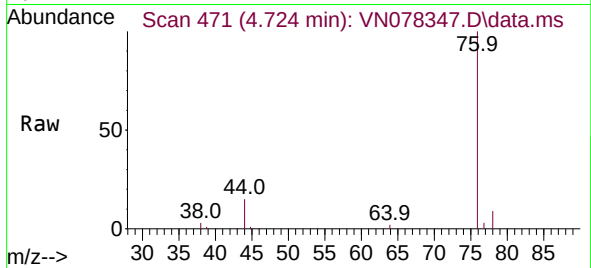
#17
Carbon Disulfide
Concen: 18.351 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion: 76 Resp: 19820
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

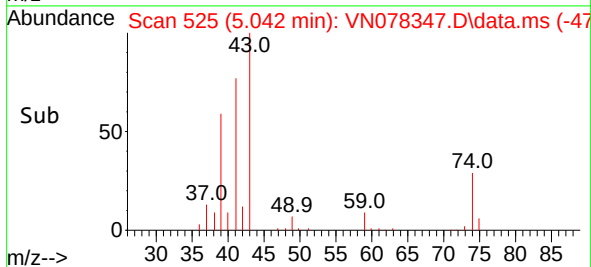
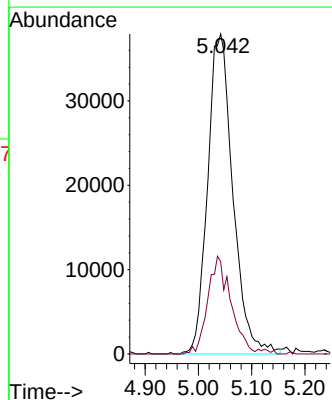
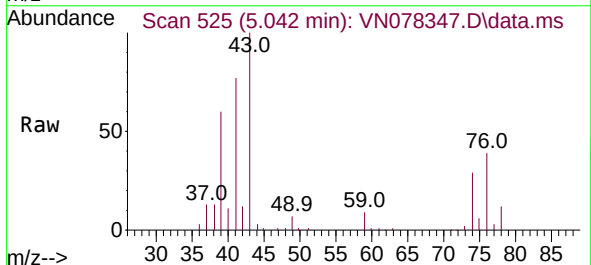
Manual Integrations
APPROVED

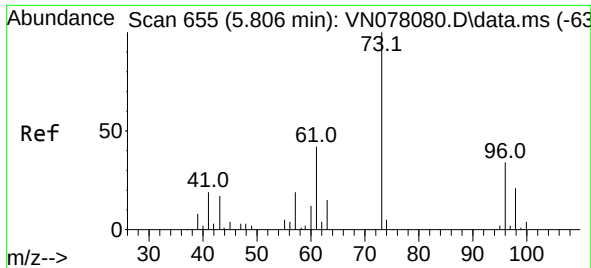
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#18
Methyl Acetate
Concen: 18.411 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion: 43 Resp: 124999
Ion Ratio Lower Upper
43 100
74 27.8 26.2 39.4





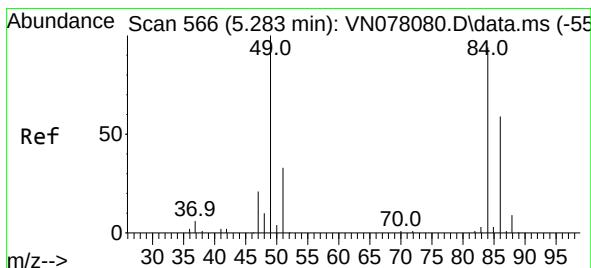
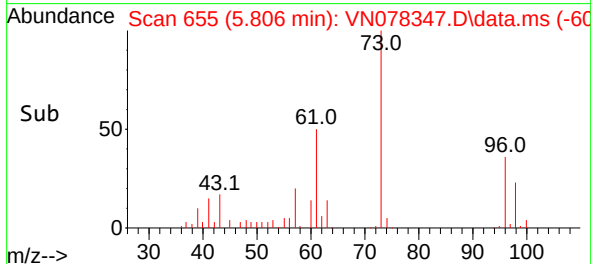
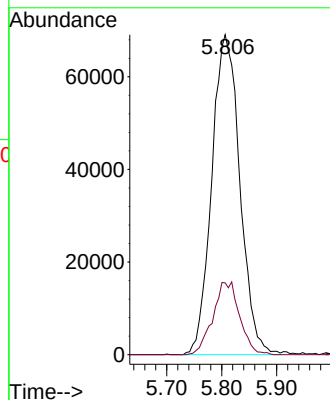
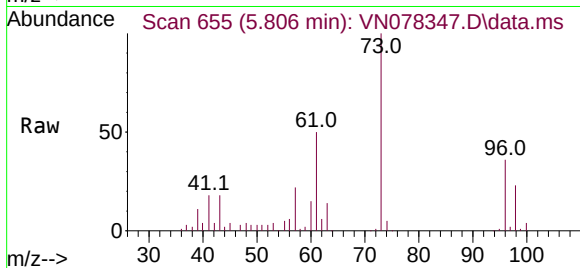
#19
Methyl tert-butyl Ether
Concen: 18.348 ug/l
RT: 5.806 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion: 73 Resp: 245649
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

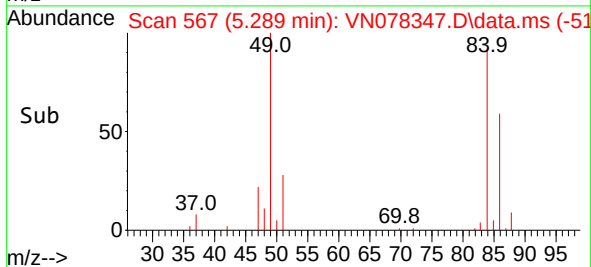
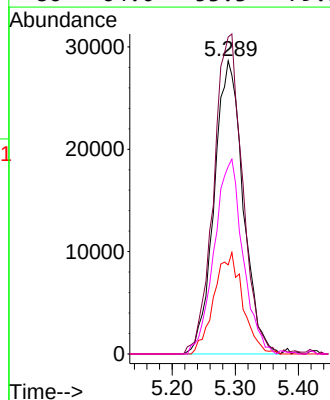
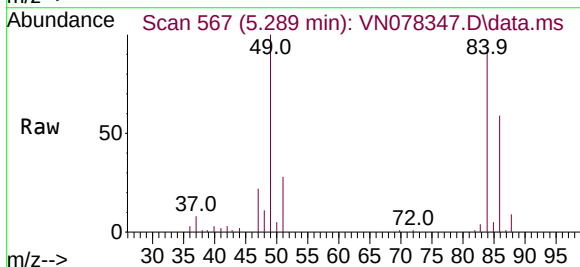
Manual Integrations
APPROVED

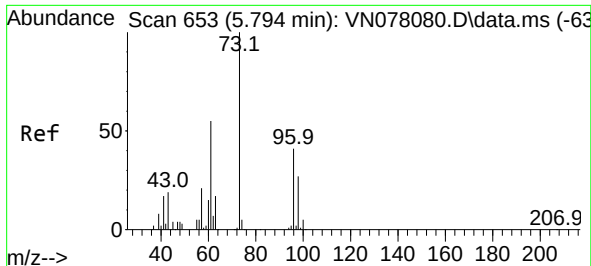
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#20
Methylene Chloride
Concen: 18.713 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

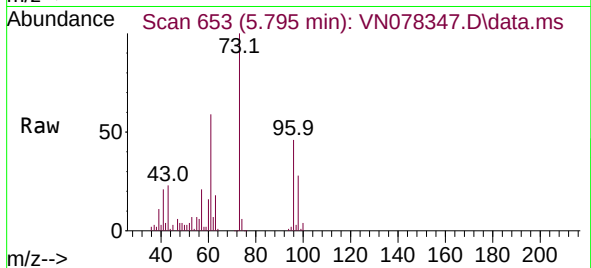
Tgt Ion: 84 Resp: 91191
Ion Ratio Lower Upper
84 100
49 108.1 79.7 119.5
51 30.4 25.2 37.8
86 64.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.032 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

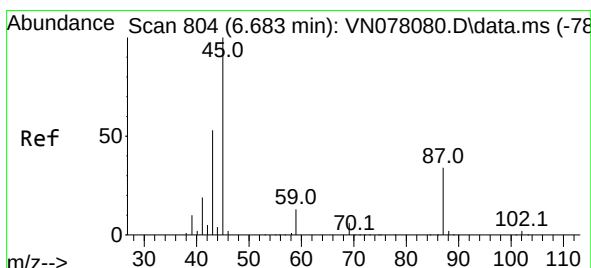
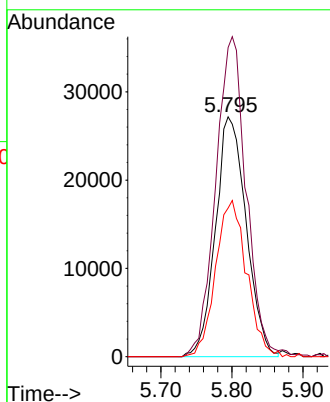
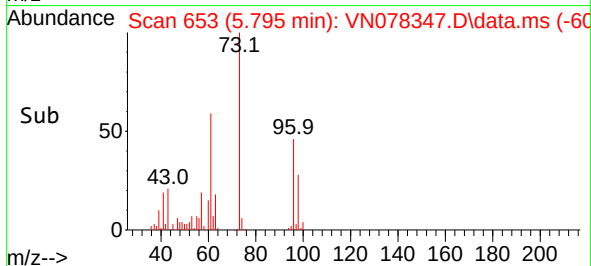
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



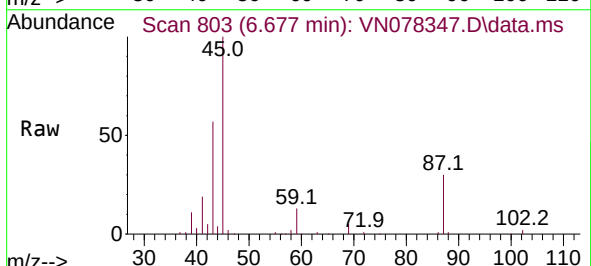
Tgt Ion: 96 Resp: 81610
Ion Ratio Lower Upper
96 100
61 128.9 90.1 135.1
98 62.0 46.4 69.6

Manual Integrations
APPROVED

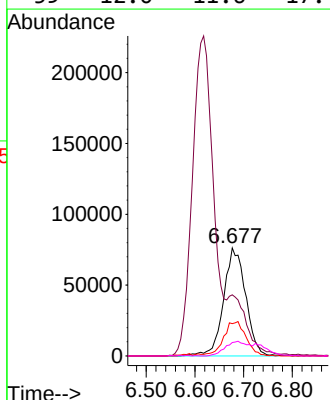
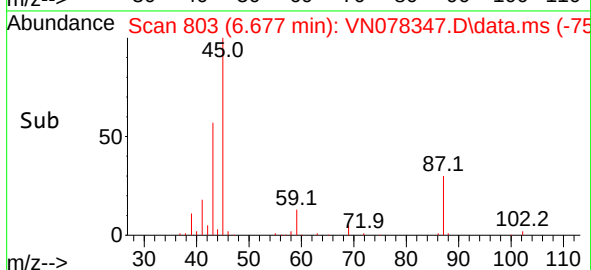
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

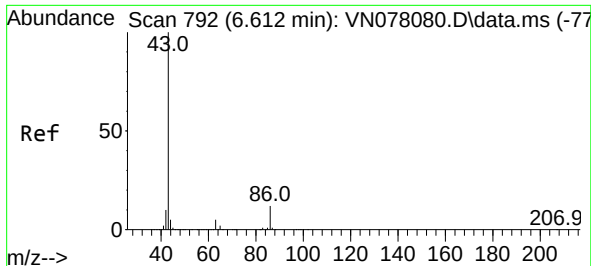


#22
Diisopropyl ether
Concen: 19.966 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



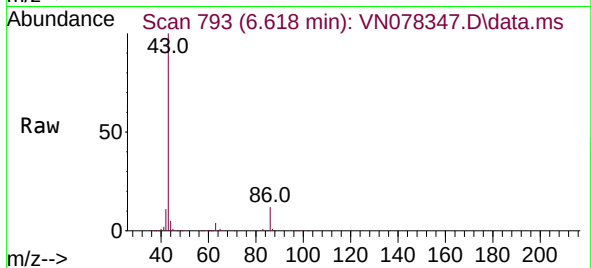
Tgt Ion: 45 Resp: 240568
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 29.5 31.8 47.8#
59 12.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 95.295 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078347.D
 Acq: 22 Jun 2023 14:04

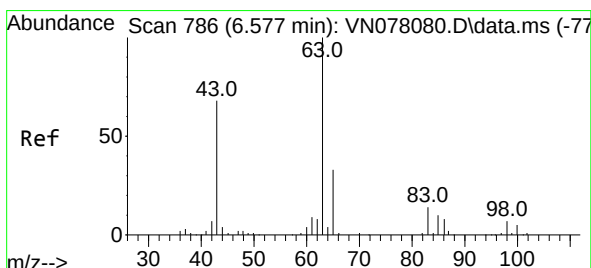
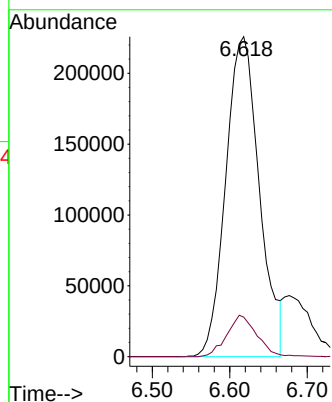
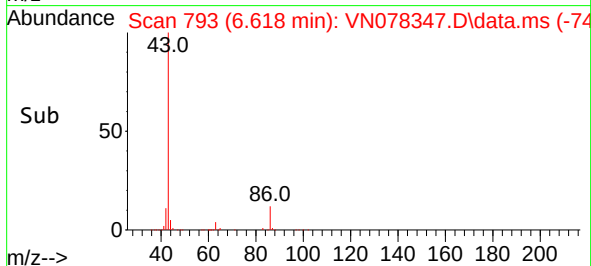
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01



Tgt Ion: 43 Resp: 68253
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

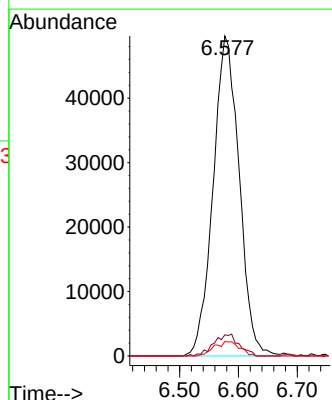
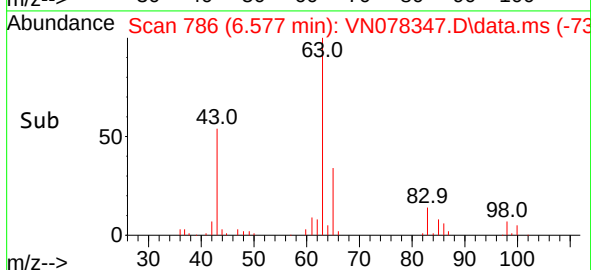
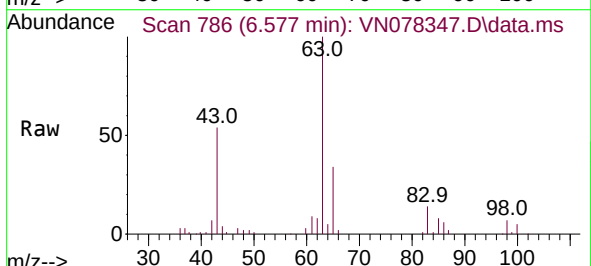
Manual Integrations
 APPROVED

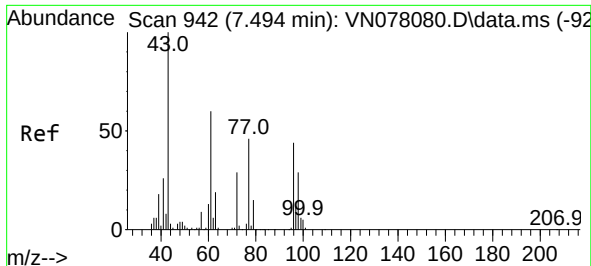
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#24
 1,1-Dichloroethane
 Concen: 19.221 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078347.D
 Acq: 22 Jun 2023 14:04

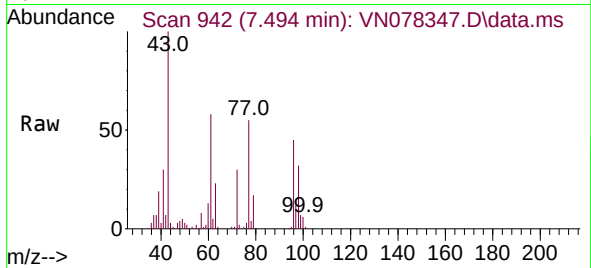
Tgt Ion: 63 Resp: 152775
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 90.964 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

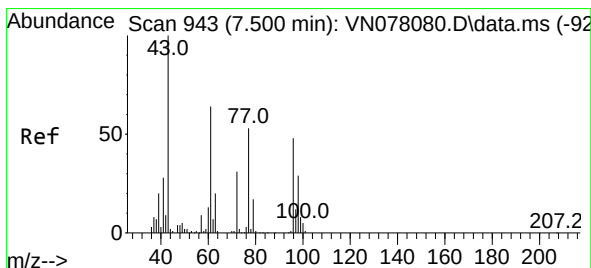
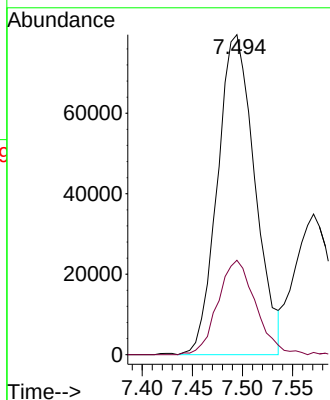
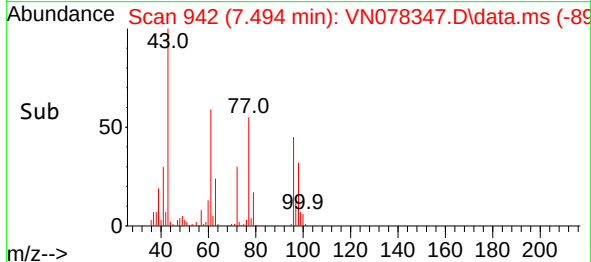
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 43 Resp: 206280
Ion Ratio Lower Upper
43 100
72 29.5 30.2 45.2

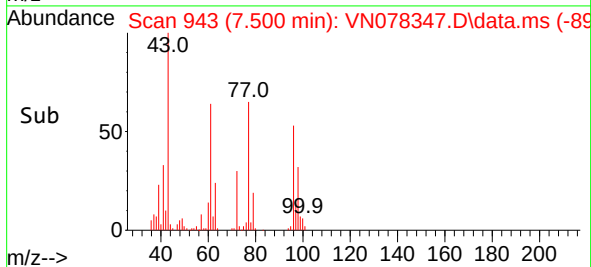
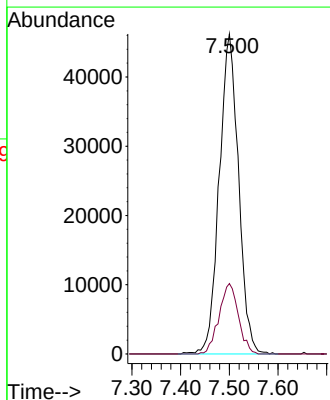
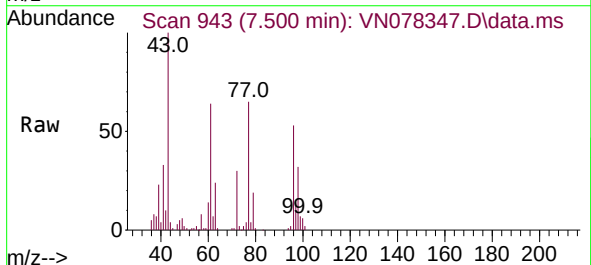
Manual Integrations
APPROVED

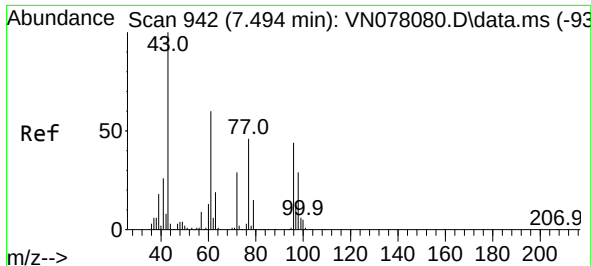
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#26
2,2-Dichloropropane
Concen: 21.641 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

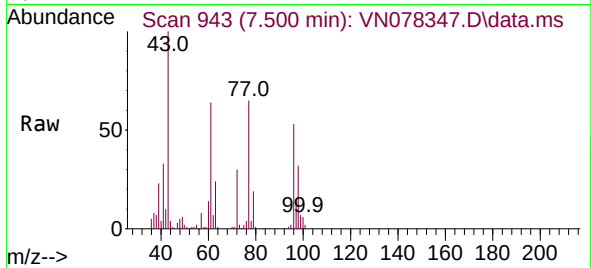
Tgt Ion: 77 Resp: 127006
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 17.510 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

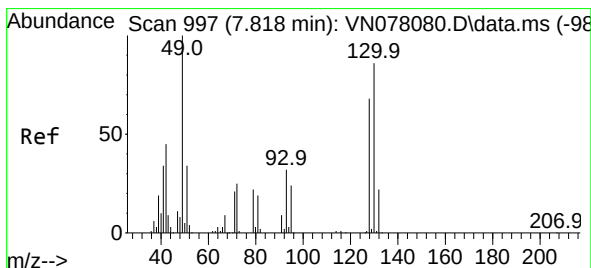
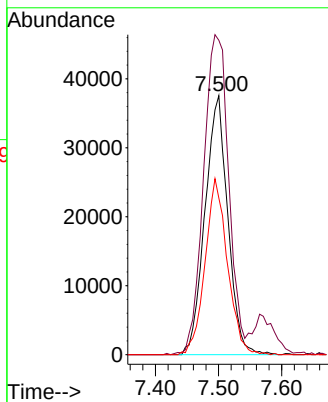
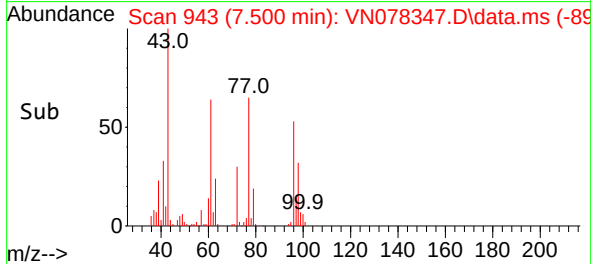
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 96 Resp: 94529
Ion Ratio Lower Upper
96 100
61 135.8 0.0 255.2
98 66.7 0.0 128.8

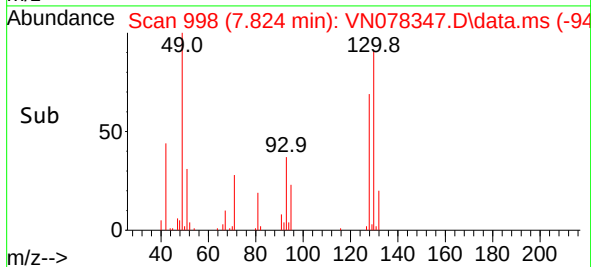
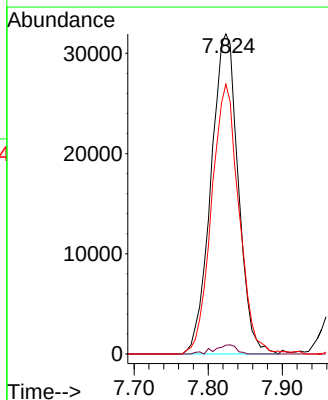
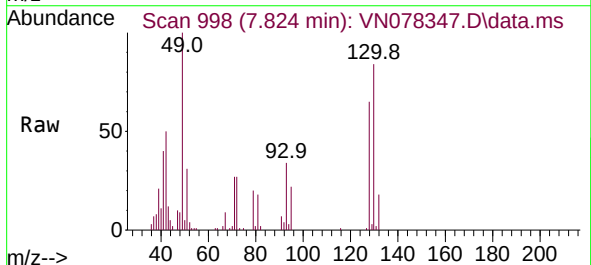
Manual Integrations
APPROVED

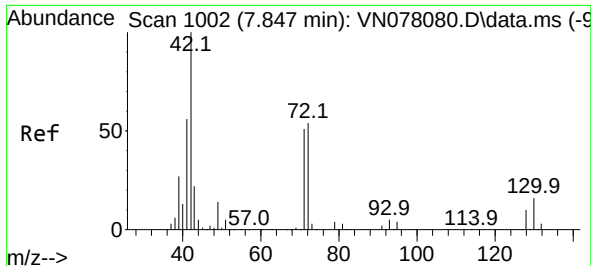
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#28
Bromochloromethane
Concen: 22.347 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

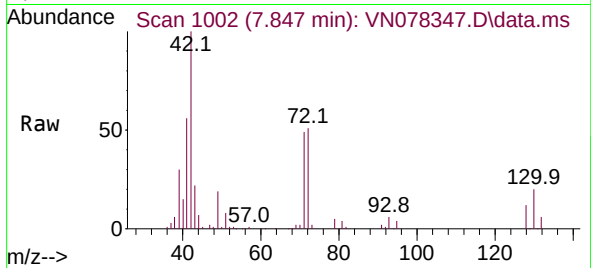
Tgt Ion: 49 Resp: 81554
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 85.0 75.3 112.9





#29
Tetrahydrofuran
Concen: 89.456 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

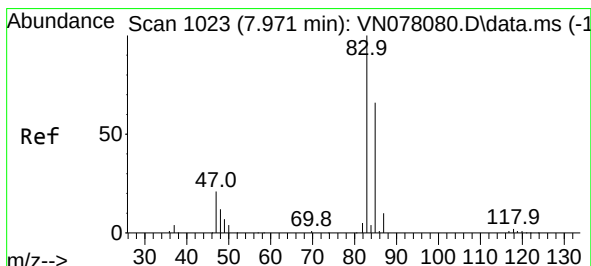
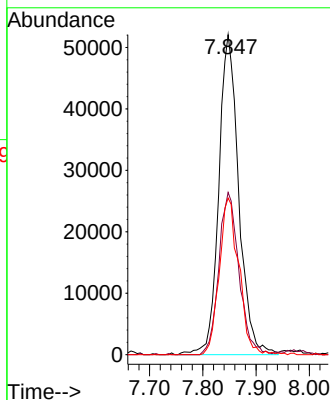
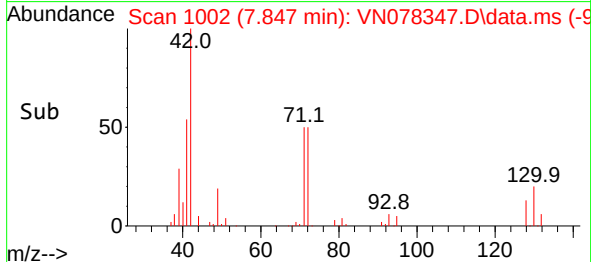
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 42 Resp: 135618
Ion Ratio Lower Upper
42 100
72 51.2 49.8 74.6
71 48.2 47.4 71.2

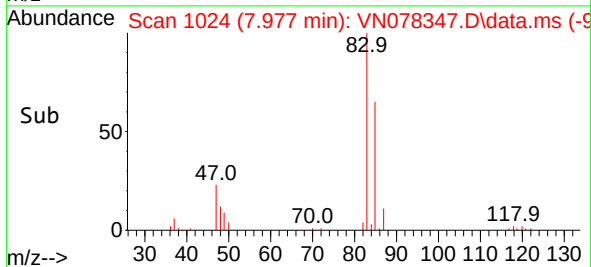
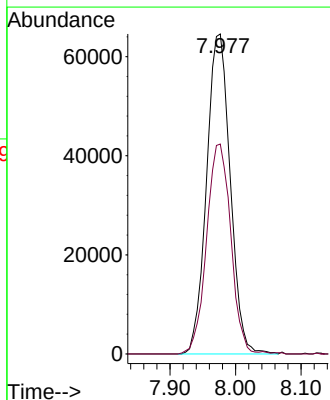
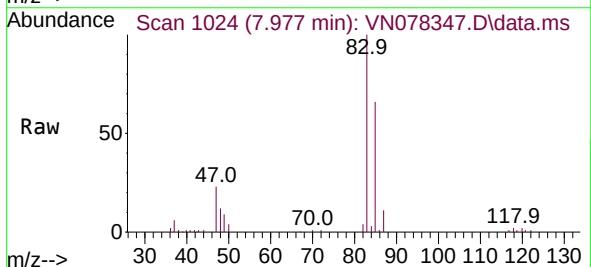
Manual Integrations
APPROVED

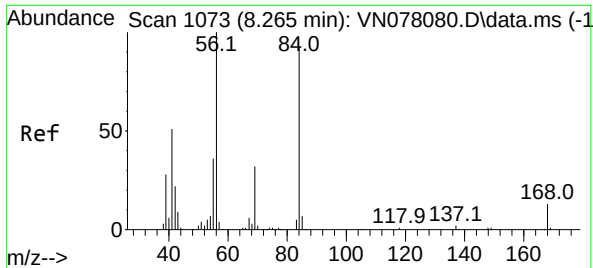
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#30
Chloroform
Concen: 18.890 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

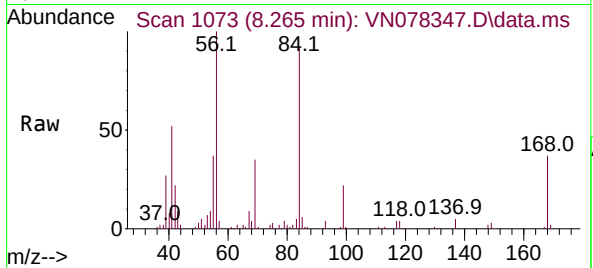
Tgt Ion: 83 Resp: 161675
Ion Ratio Lower Upper
83 100
85 65.6 55.4 83.0





#31
Cyclohexane
Concen: 18.397 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

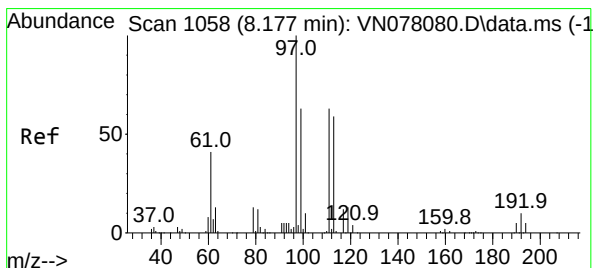
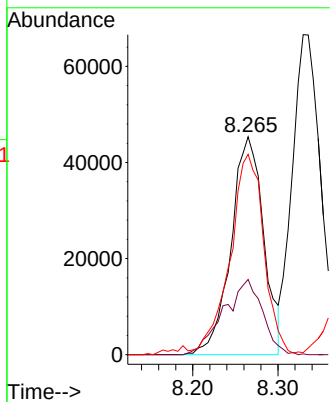
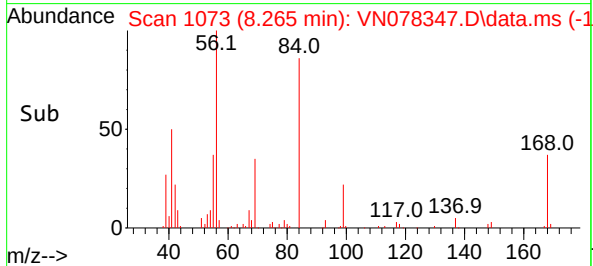
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



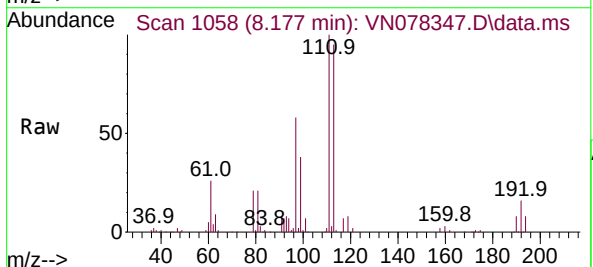
Tgt Ion: 56 Resp: 120910
Ion Ratio Lower Upper
56 100
69 34.5 26.8 40.2
84 90.4 81.8 122.6

Manual Integrations
APPROVED

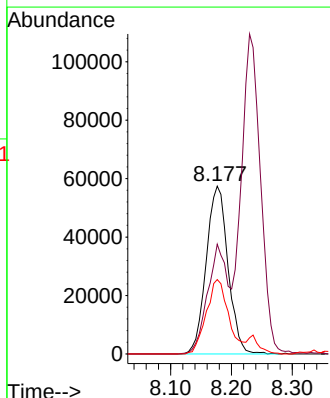
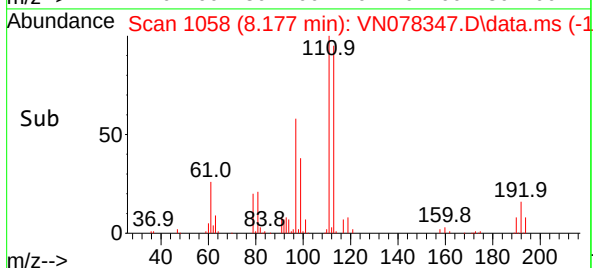
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

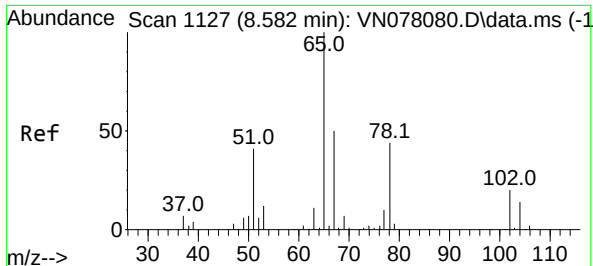


#32
1,1,1-Trichloroethane
Concen: 19.008 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



Tgt Ion: 97 Resp: 142826
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 46.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.415 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

Tgt Ion: 65 Resp: 26854

Ion Ratio Lower Upper

65 100

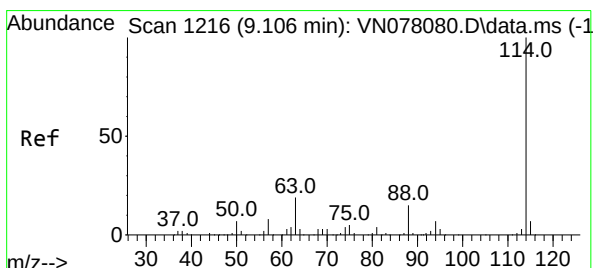
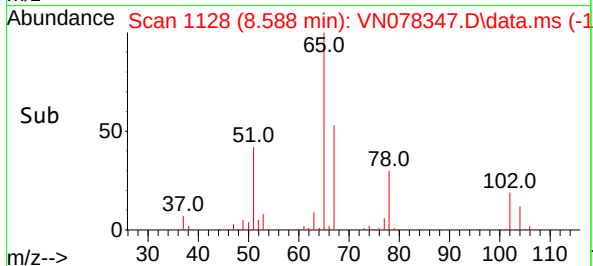
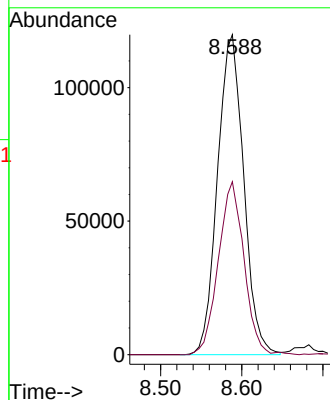
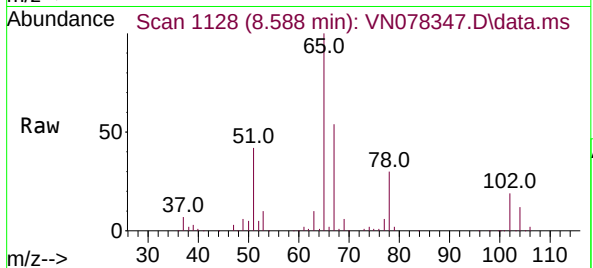
67 53.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

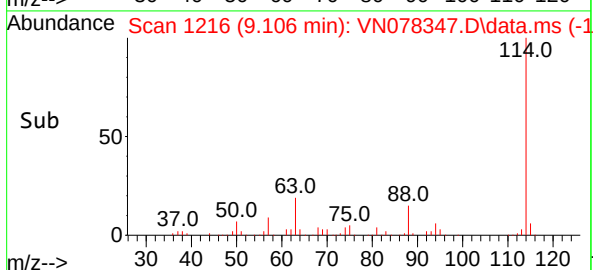
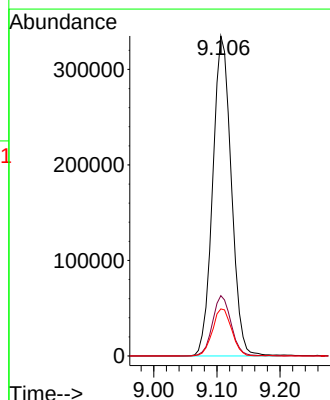
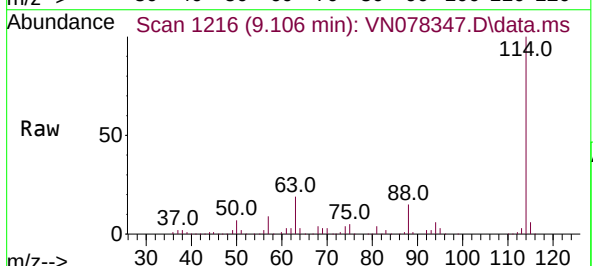
Tgt Ion:114 Resp: 684769

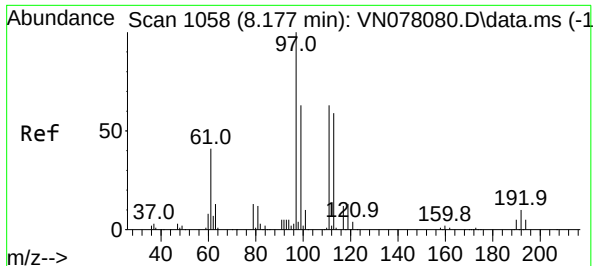
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.121 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

Tgt Ion: 113 Resp: 229998

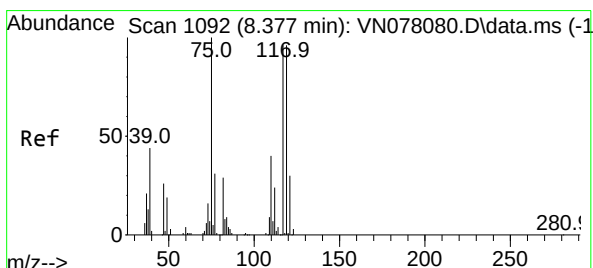
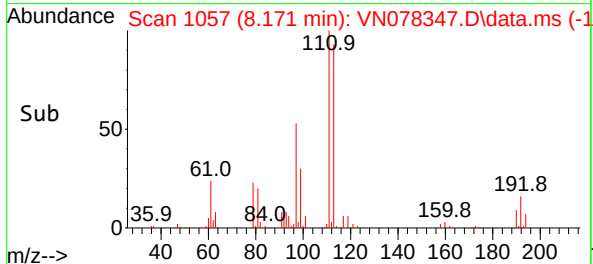
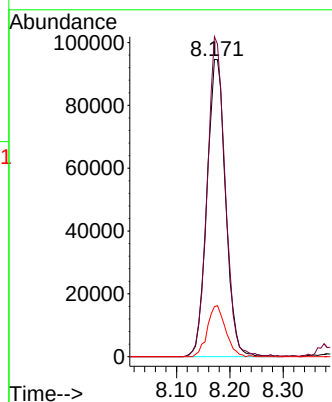
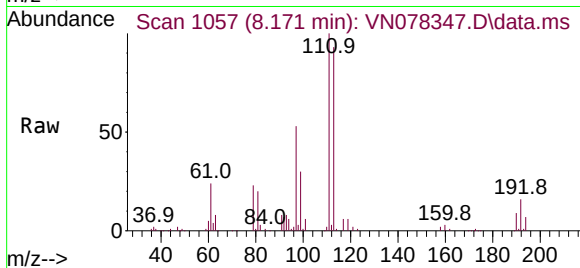
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	16.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#36

1,1-Dichloropropene

Concen: 18.586 ug/l

RT: 8.383 min Scan# 1093

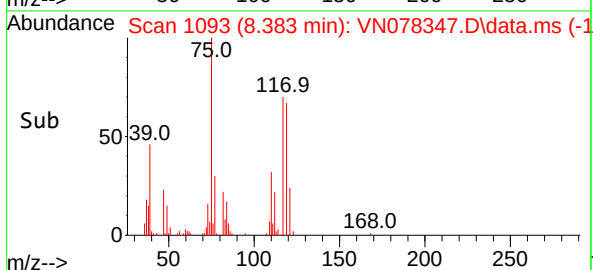
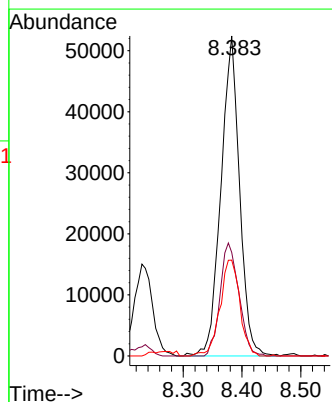
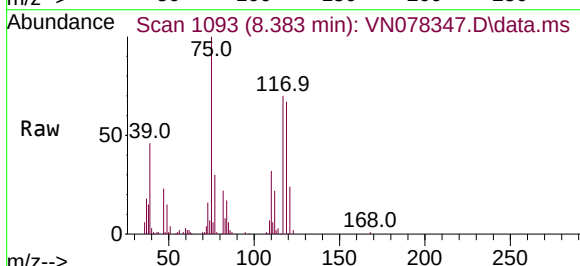
Delta R.T. 0.006 min

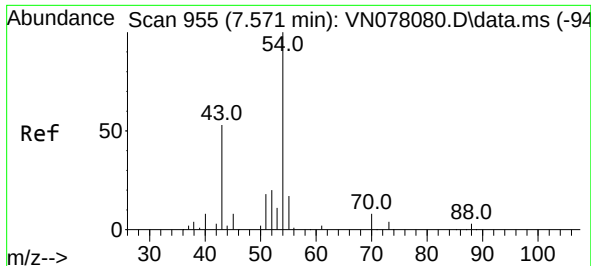
Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Tgt Ion: 75 Resp: 115425

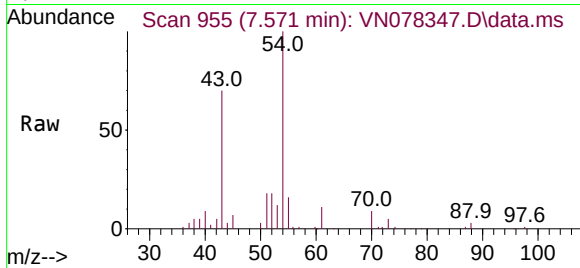
Ion	Ratio	Lower	Upper
75	100		
110	35.6	19.1	57.3
77	32.0	25.0	37.4





#37
Ethyl Acetate
Concen: 18.549 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

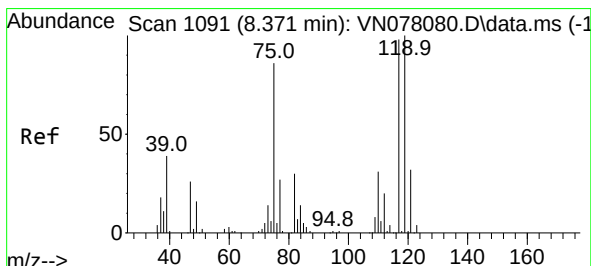
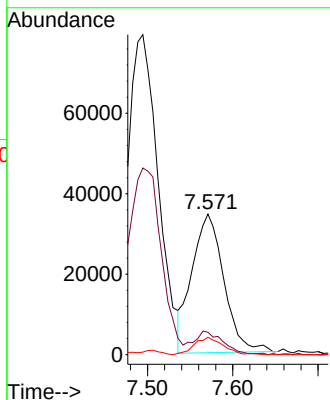
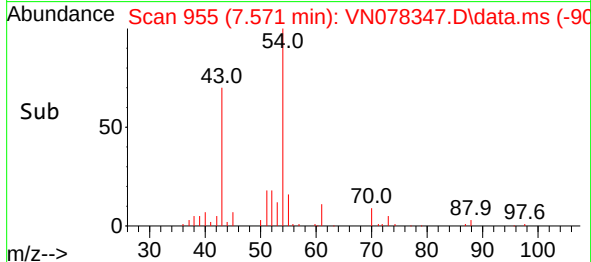
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 43 Resp: 8999
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 11.2 11.3 16.9

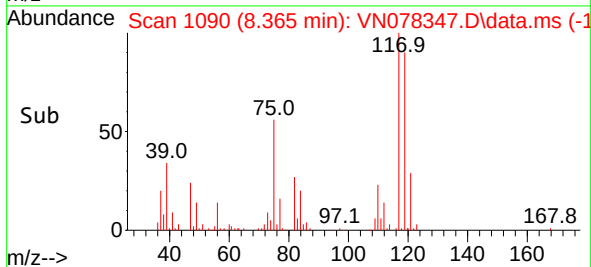
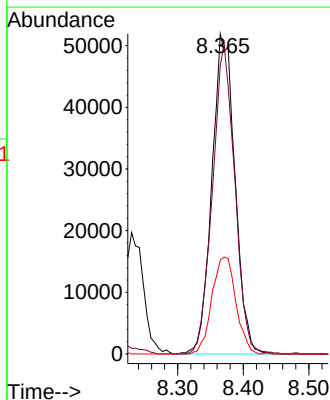
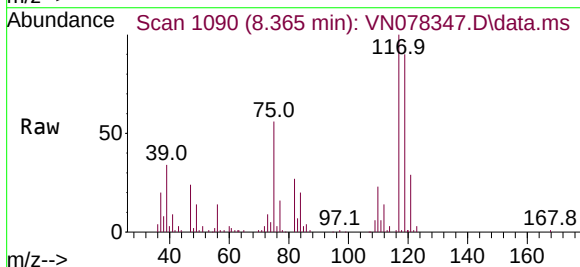
Manual Integrations
APPROVED

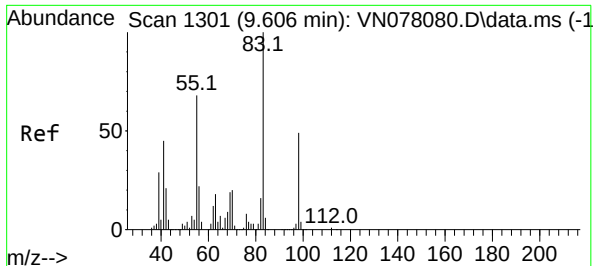
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#38
Carbon Tetrachloride
Concen: 19.279 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion:117 Resp: 126425
Ion Ratio Lower Upper
117 100
119 90.2 77.3 115.9
121 29.4 23.3 34.9





#39

Methylcyclohexane

Concen: 15.881 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

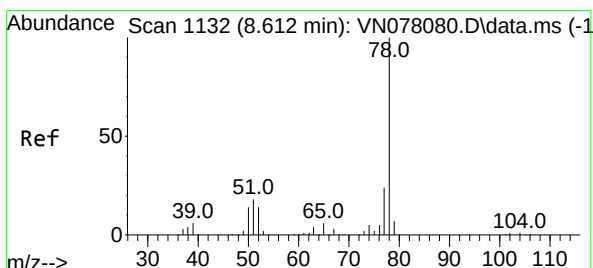
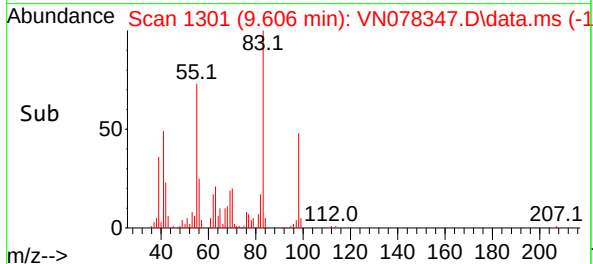
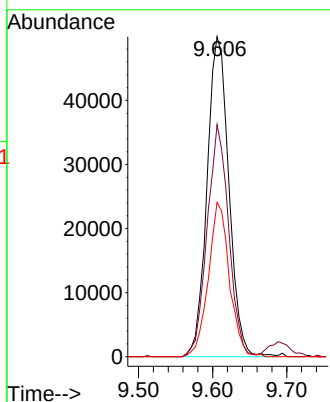
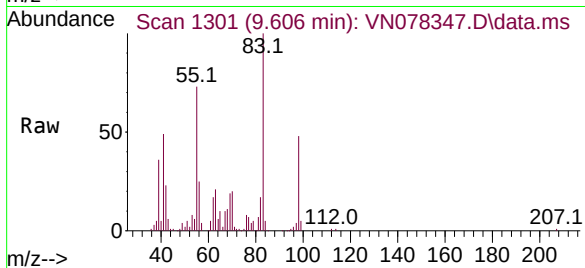
Tgt Ion:	83	Resp:	10221
Ion Ratio	Lower	Upper	
83	100		
55	72.5	49.1	73.7
98	48.2	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#40

Benzene

Concen: 19.234 ug/l

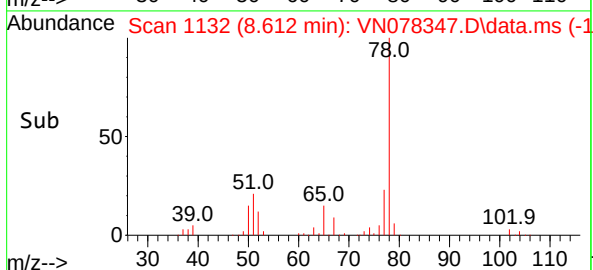
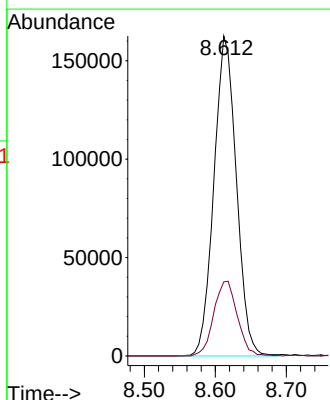
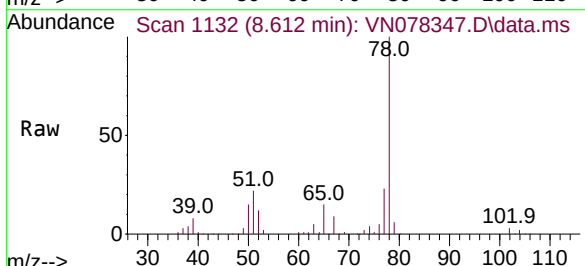
RT: 8.612 min Scan# 1132

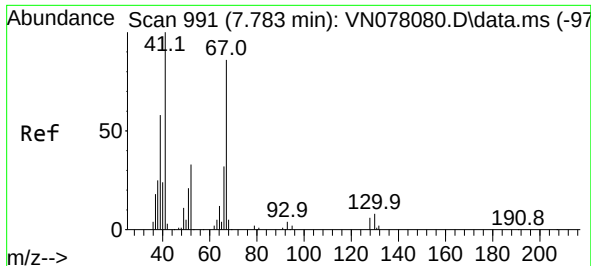
Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

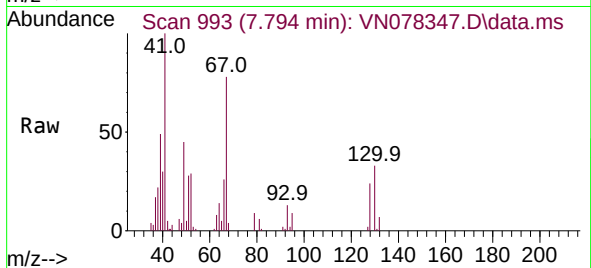
Tgt Ion:	78	Resp:	356619
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.0	28.6





#41
Methacrylonitrile
Concen: 18.194 ug/l
RT: 7.794 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

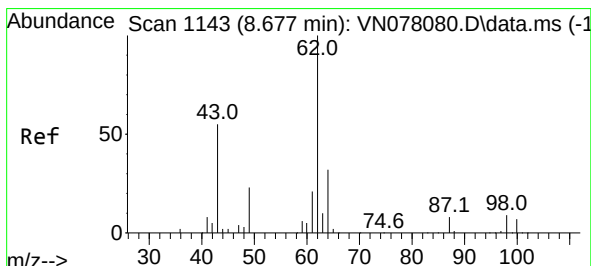
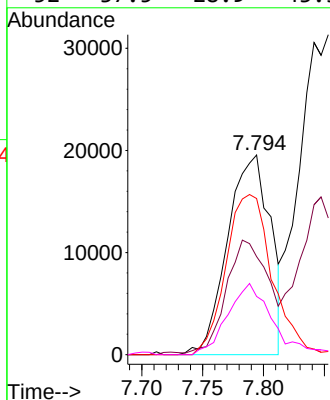
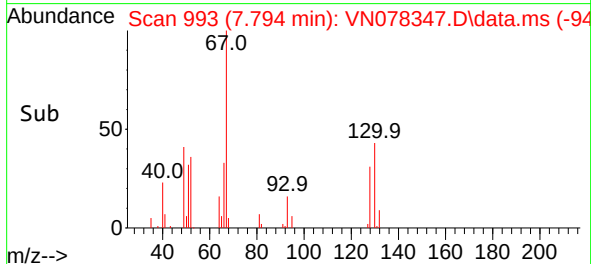
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



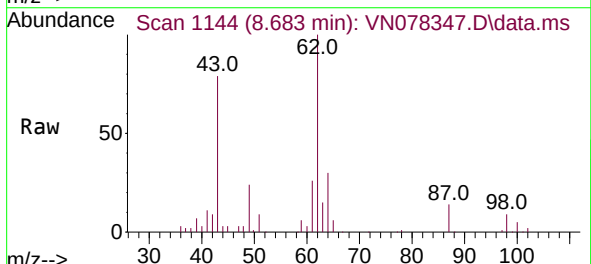
Tgt Ion: 41 Resp: 47840
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 87.0 77.5 116.3
52 37.5 28.9 43.3

Manual Integrations
APPROVED

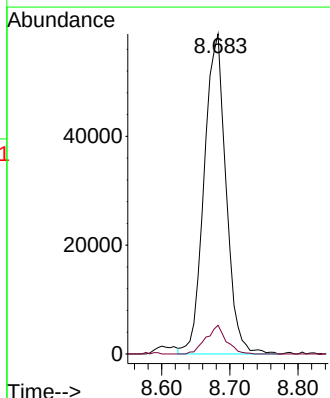
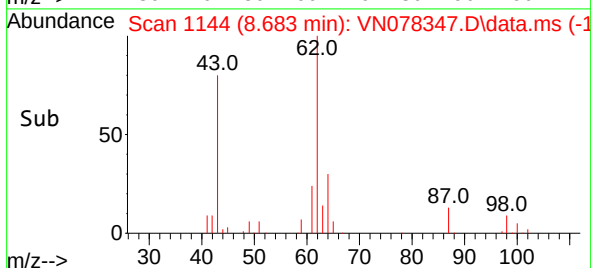
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

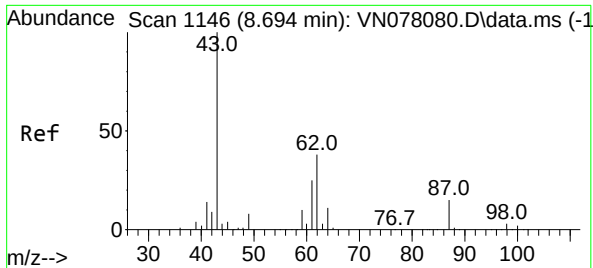


#42
1,2-Dichloroethane
Concen: 20.655 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



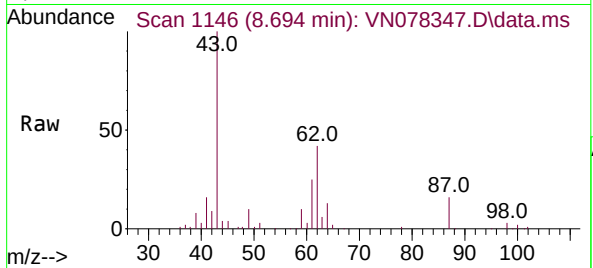
Tgt Ion: 62 Resp: 131306
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.573 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

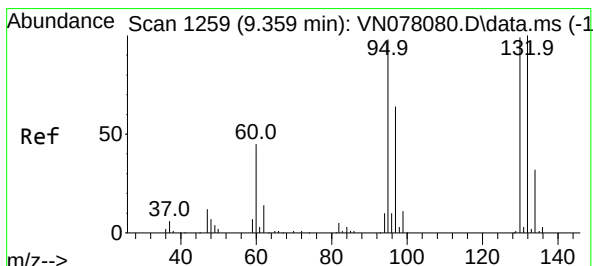
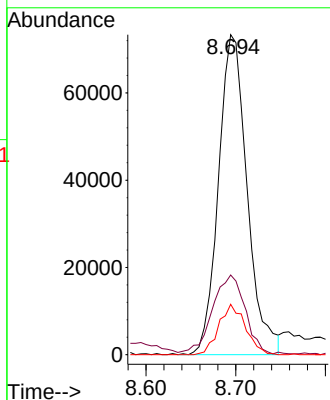
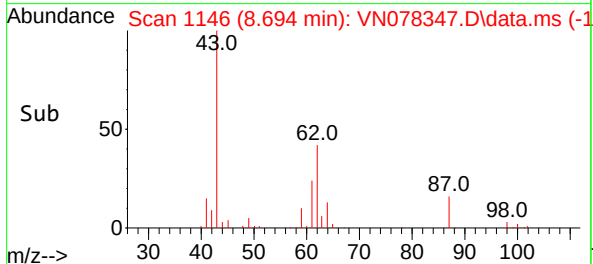
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



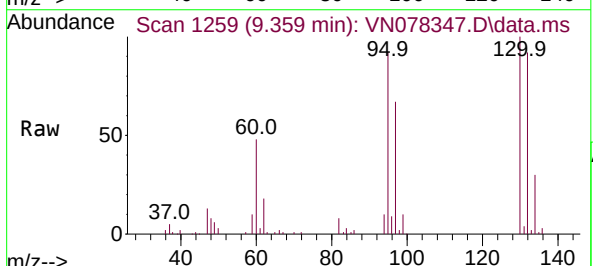
Tgt Ion: 43 Resp: 16305
Ion Ratio Lower Upper
43 100
61 28.1 24.7 37.1
87 14.6 14.6 21.8

Manual Integrations
APPROVED

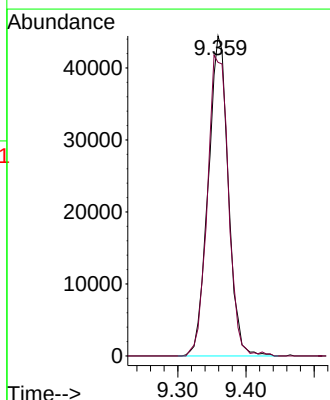
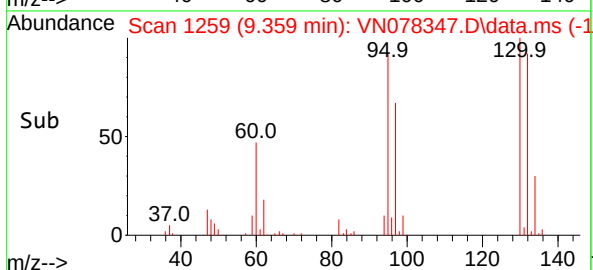
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

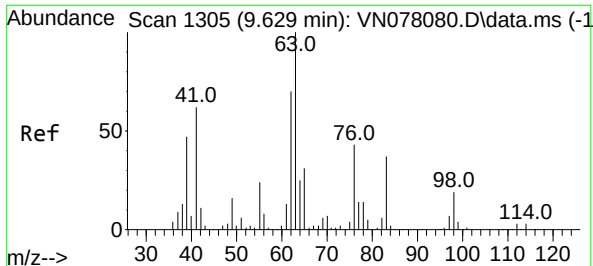


#44
Trichloroethene
Concen: 18.617 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



Tgt Ion:130 Resp: 91159
Ion Ratio Lower Upper
130 100
95 91.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.694 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

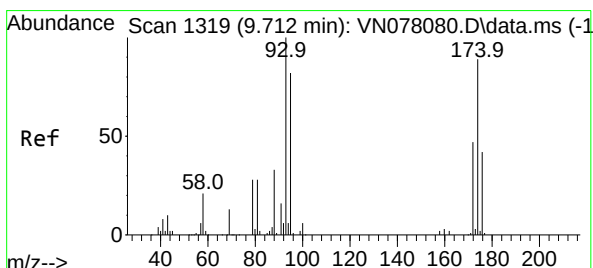
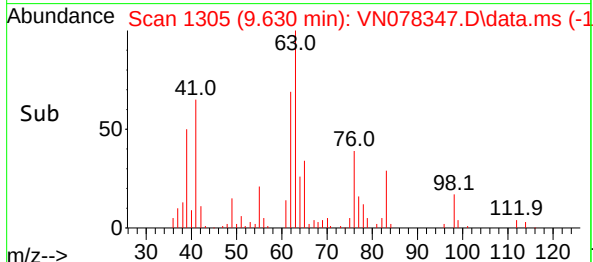
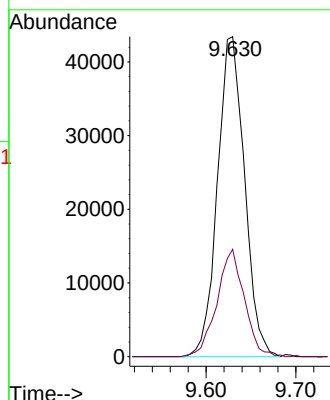
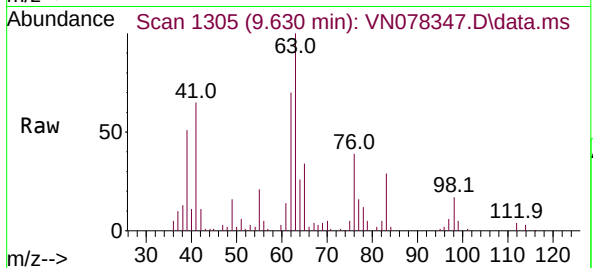
VN0622MBS01

Tgt Ion: 63 Resp: 90850
 Ion Ratio Lower Upper
 63 100
 65 33.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#46

Dibromomethane

Concen: 19.114 ug/l

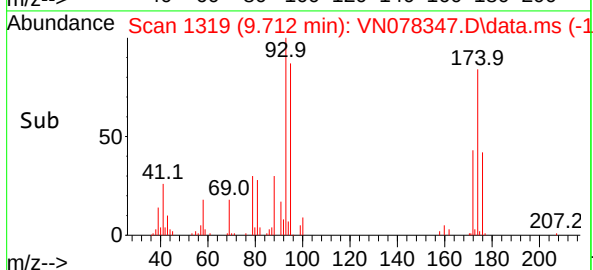
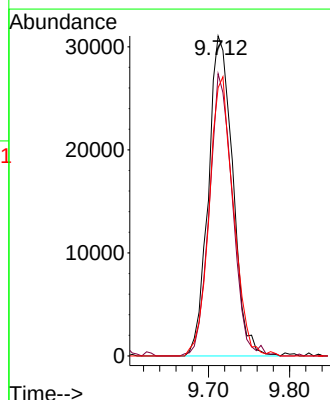
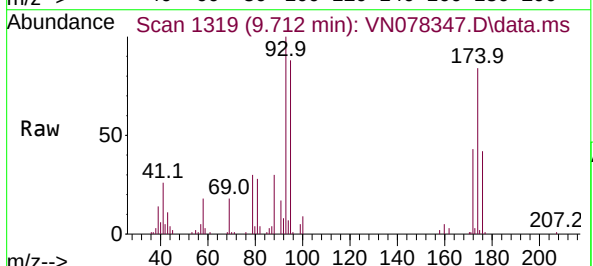
RT: 9.712 min Scan# 1319

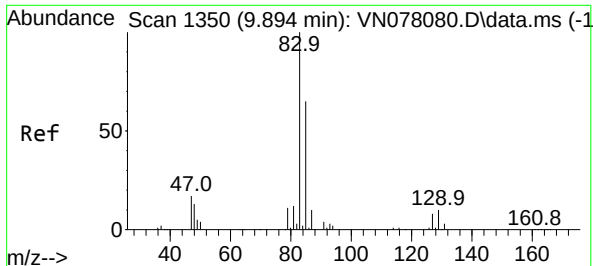
Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

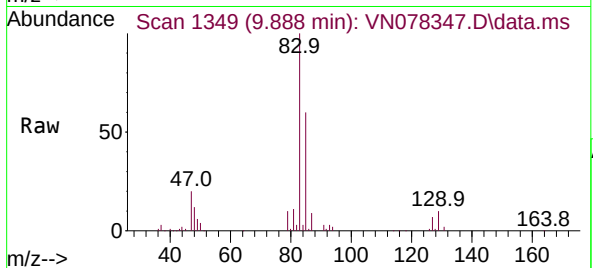
Tgt Ion: 93 Resp: 64944
 Ion Ratio Lower Upper
 93 100
 95 83.6 63.8 95.8
 174 86.1 65.6 98.4





#47
Bromodichloromethane
Concen: 20.575 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

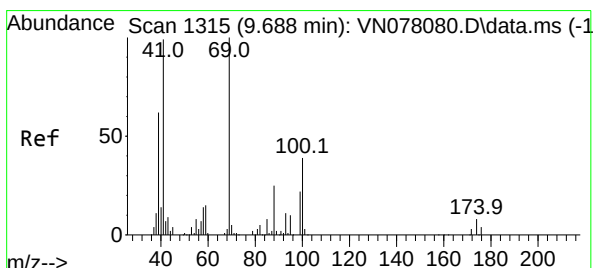
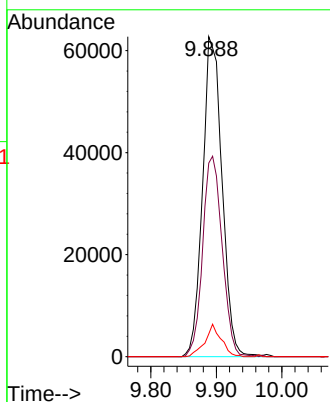
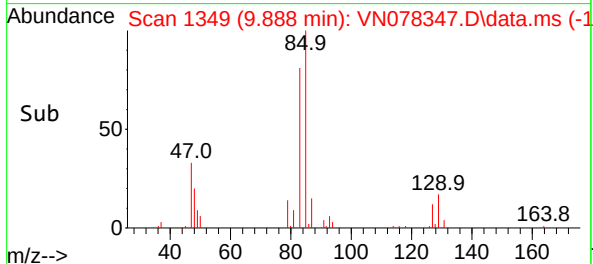
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 83 Resp: 12986
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 7.1 7.0 10.6

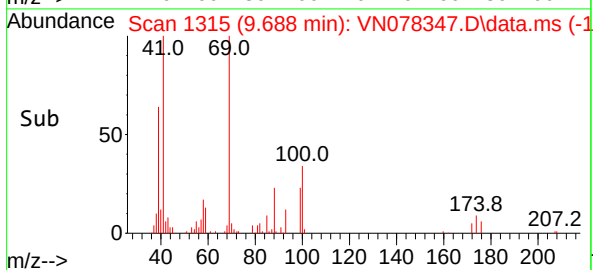
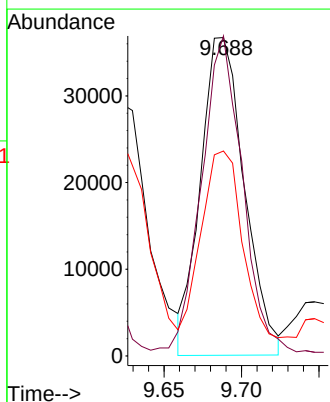
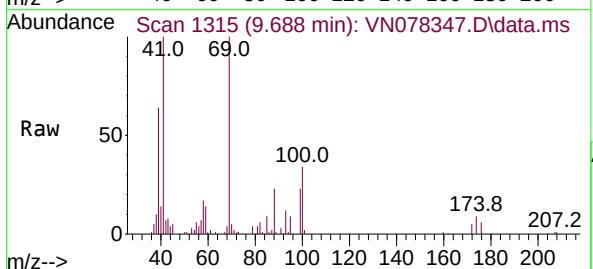
Manual Integrations
APPROVED

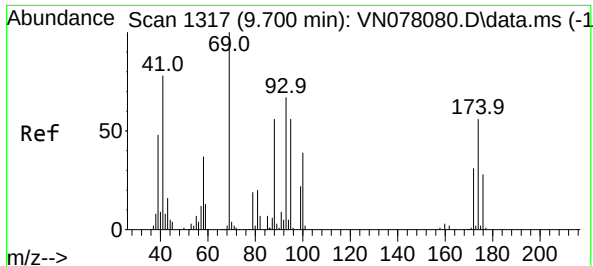
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#48
Methyl methacrylate
Concen: 18.512 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

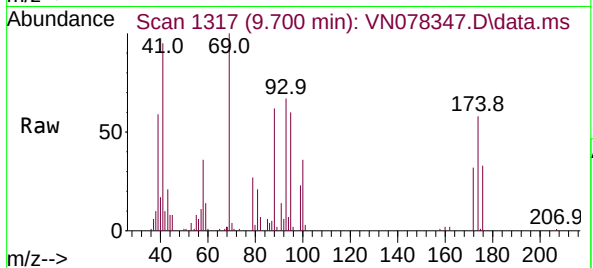
Tgt Ion: 41 Resp: 72080
Ion Ratio Lower Upper
41 100
69 97.5 90.4 135.6
39 63.7 54.6 81.8





#49
1,4-Dioxane
Concen: 326.314 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

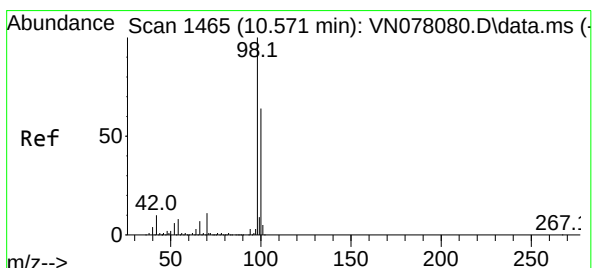
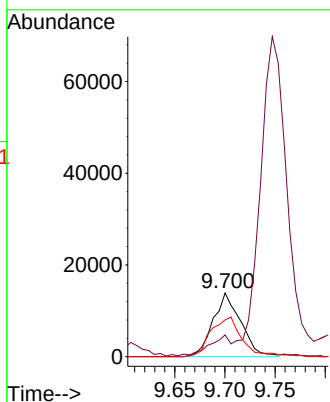
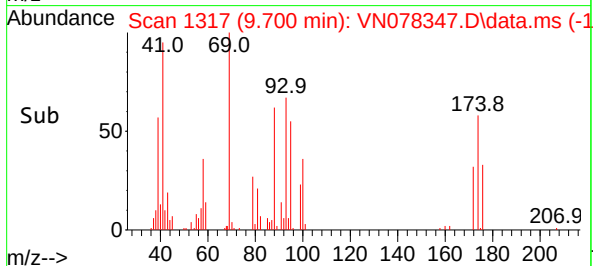
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



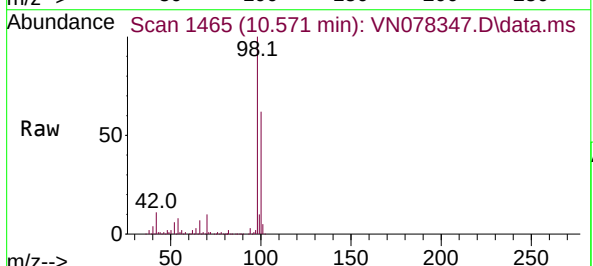
Tgt Ion: 88 Resp: 2670
Ion Ratio Lower Upper
88 100
43 23.8 17.0 25.6
58 70.8 47.0 70.4

Manual Integrations
APPROVED

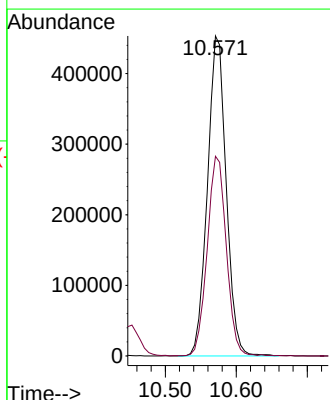
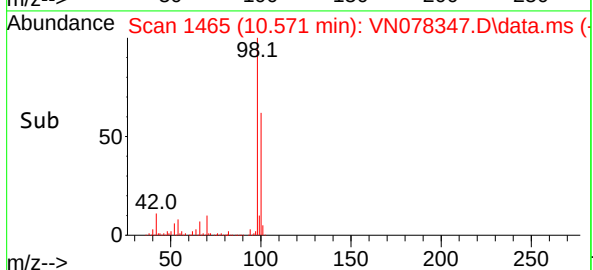
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

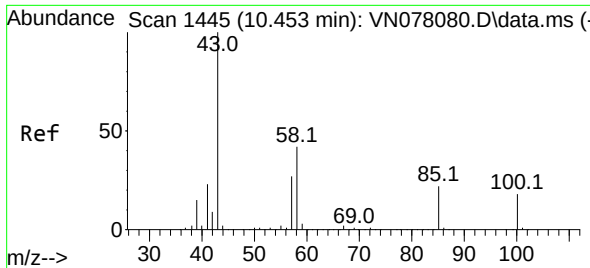


#50
Toluene-d8
Concen: 49.811 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



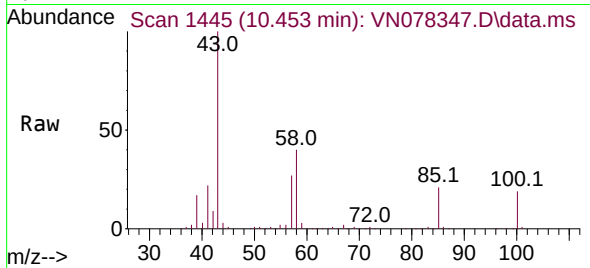
Tgt Ion: 98 Resp: 831416
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 91.868 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

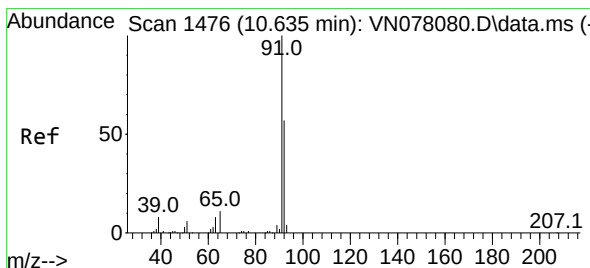
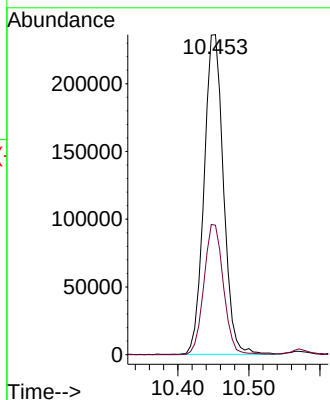
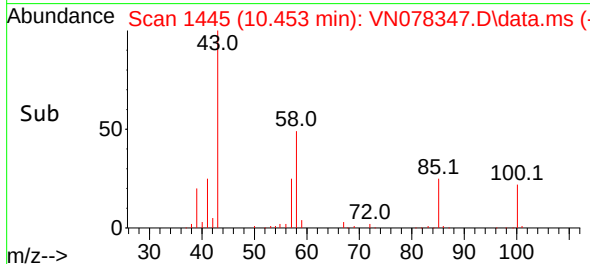
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



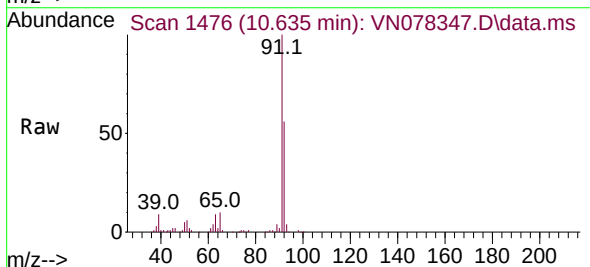
Tgt Ion: 43 Resp: 44886
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

Manual Integrations
APPROVED

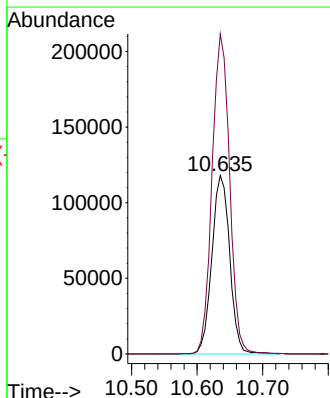
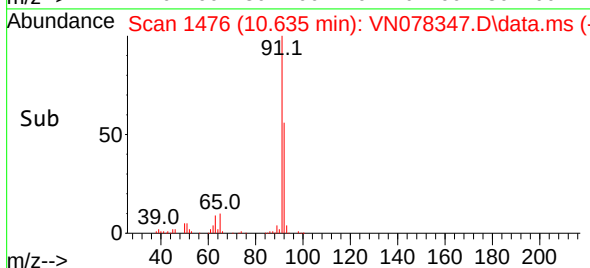
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

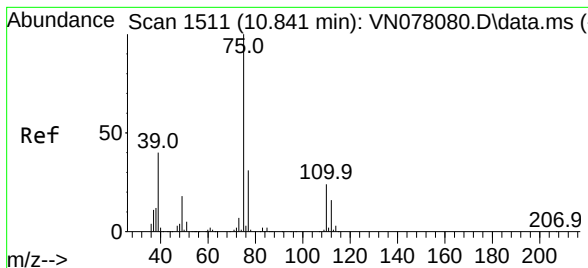


#52
Toluene
Concen: 19.022 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



Tgt Ion: 92 Resp: 222675
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0





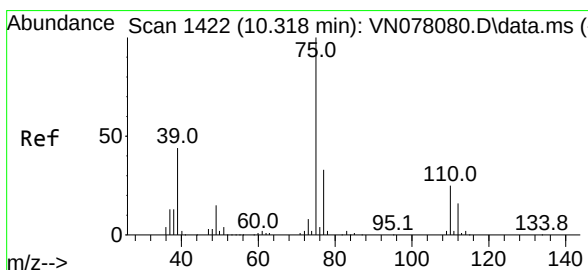
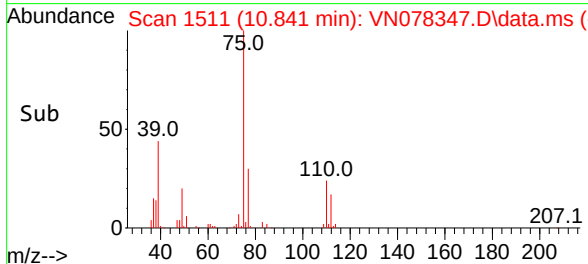
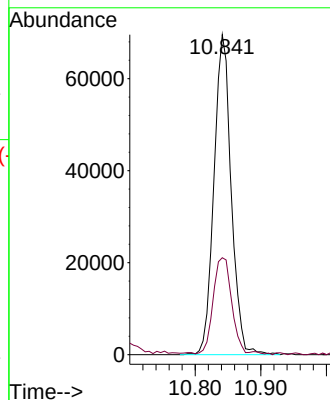
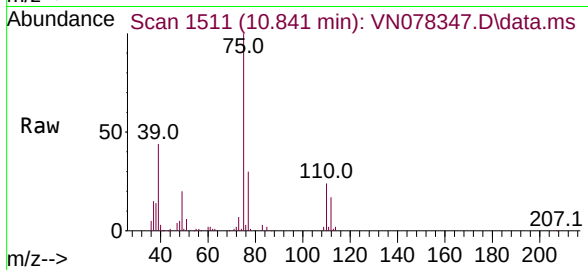
#53
t-1,3-Dichloropropene
Concen: 19.305 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion: 75 Resp: 12689
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0

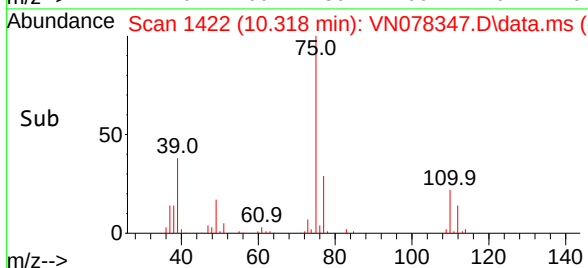
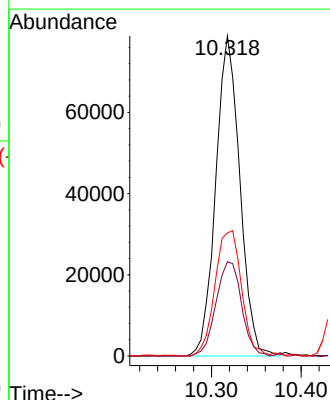
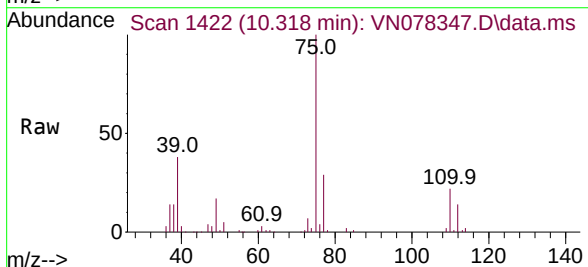
Manual Integrations
APPROVED

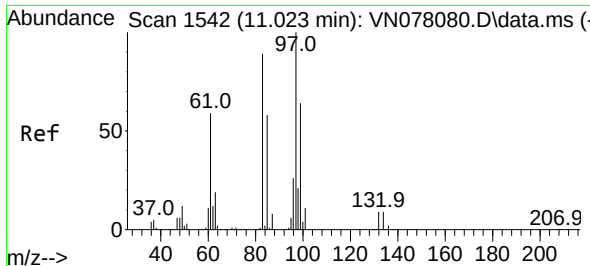
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#54
cis-1,3-Dichloropropene
Concen: 20.237 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

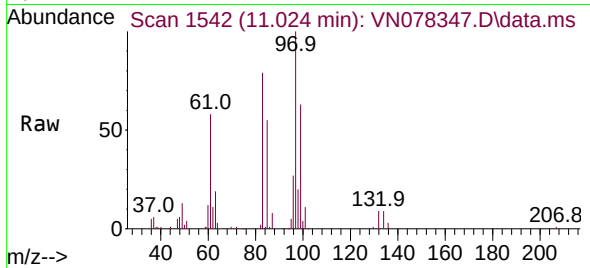
Tgt Ion: 75 Resp: 147041
Ion Ratio Lower Upper
75 100
77 29.4 26.1 39.1
39 38.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.949 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

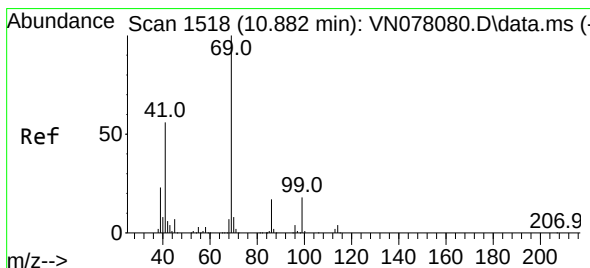
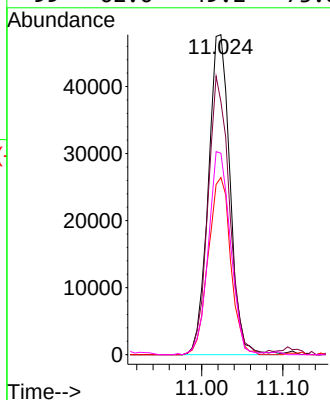
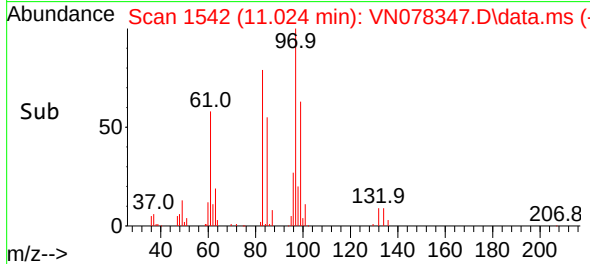
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion:	97	Resp:	8834
Ion Ratio	100	Lower	Upper
97	100		
83	79.0	65.1	97.7
85	55.4	43.4	65.2
99	62.6	49.2	73.8

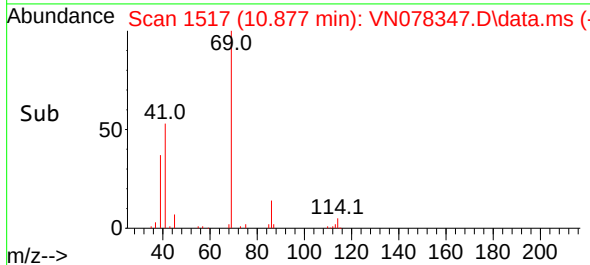
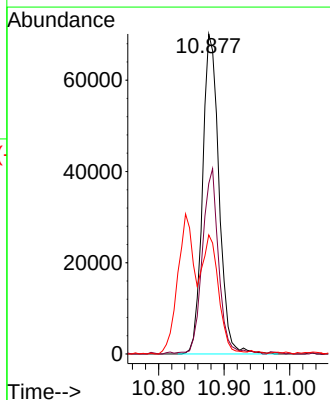
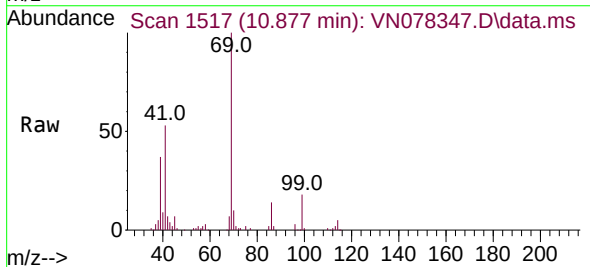
Manual Integrations
APPROVED

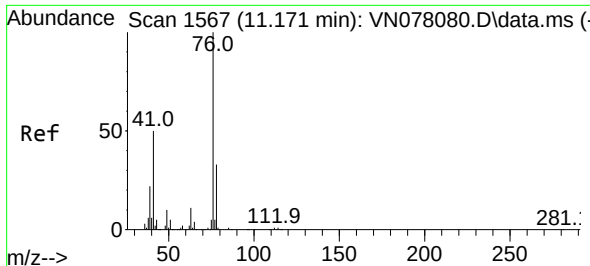
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#56
Ethyl methacrylate
Concen: 19.030 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion:	69	Resp:	122703
Ion Ratio	100	Lower	Upper
69	100		
41	57.4	39.6	59.4
39	36.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.632 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

Tgt Ion: 76 Resp: 146744

Ion Ratio Lower Upper

76 100

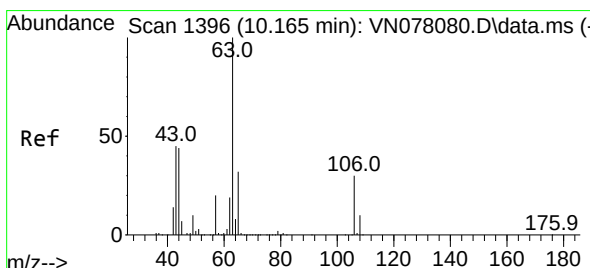
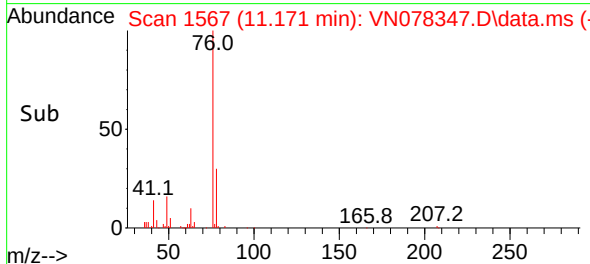
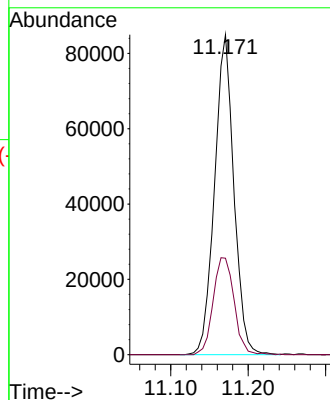
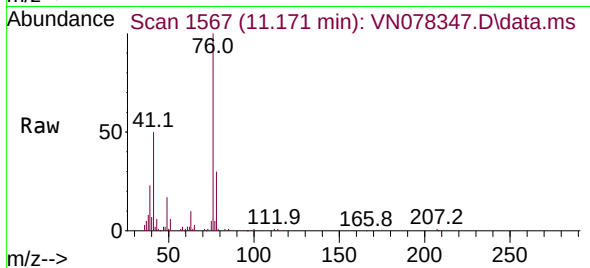
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.083 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078347.D

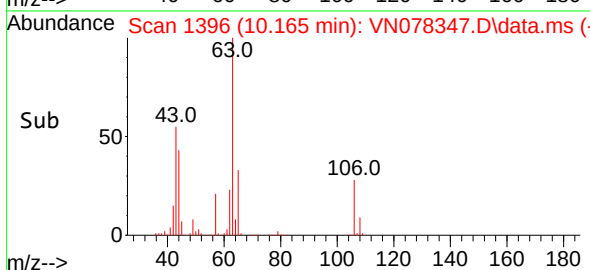
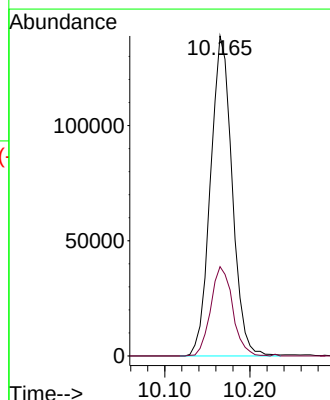
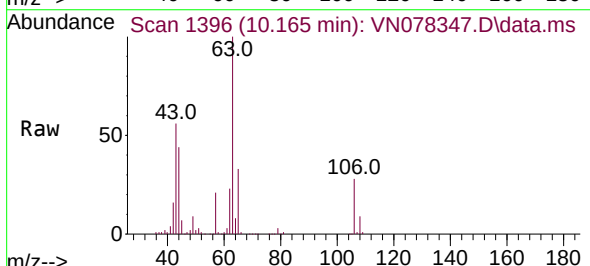
Acq: 22 Jun 2023 14:04

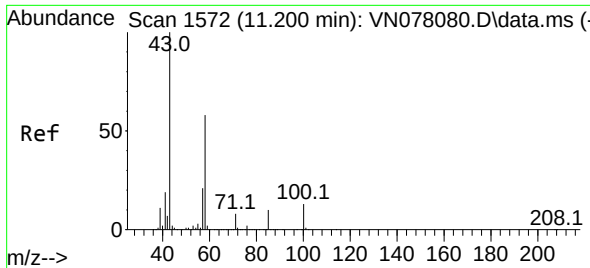
Tgt Ion: 63 Resp: 245066

Ion Ratio Lower Upper

63 100

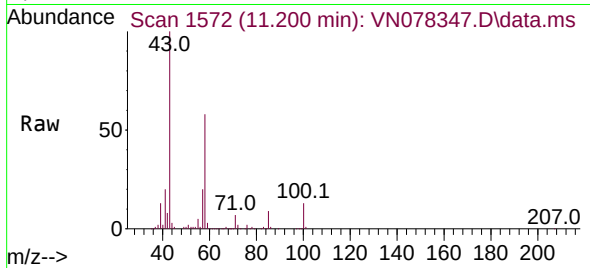
106 28.2 26.2 39.4





#59
2-Hexanone
Concen: 90.265 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

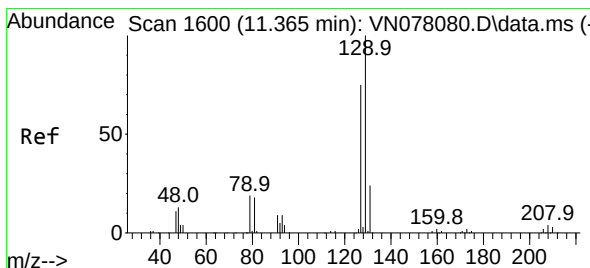
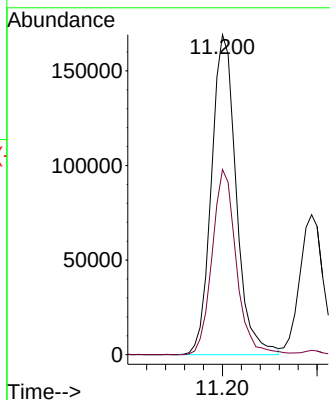
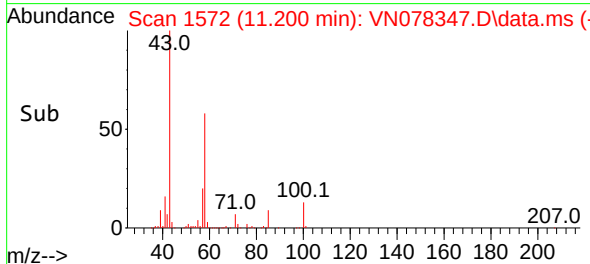
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 43 Resp: 307085
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1

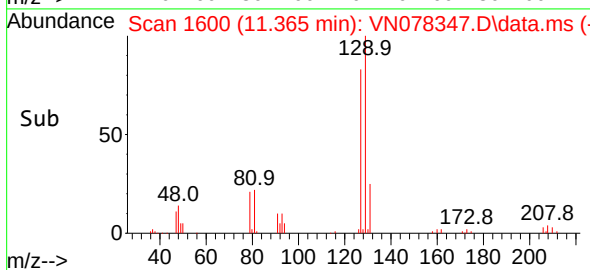
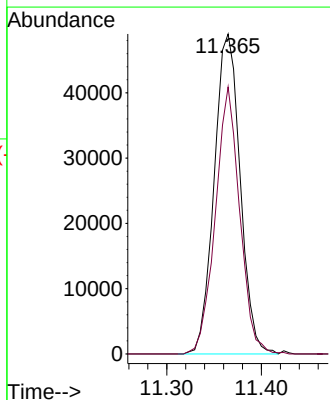
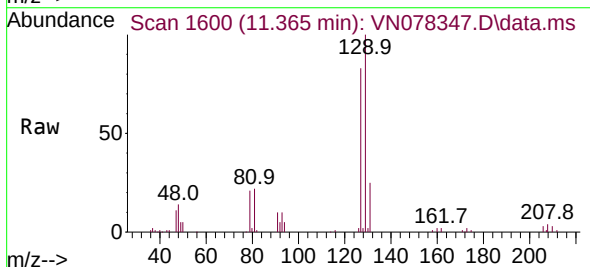
Manual Integrations
APPROVED

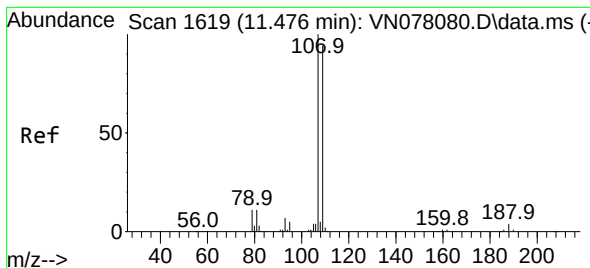
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#60
Dibromochloromethane
Concen: 19.275 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion:129 Resp: 93403
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





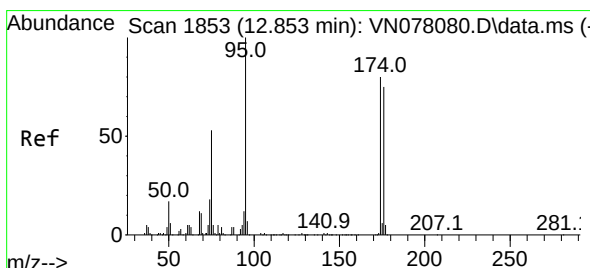
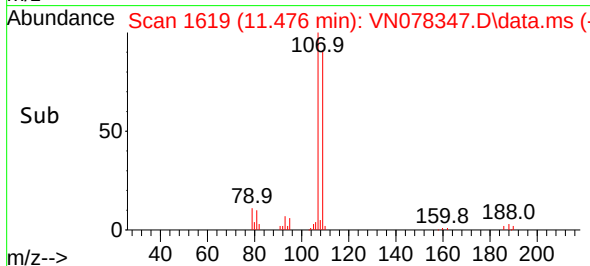
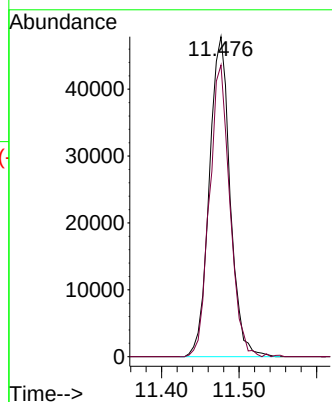
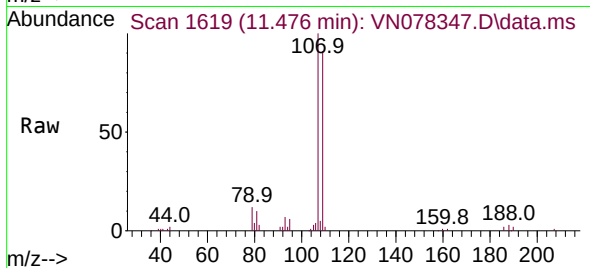
#61
1,2-Dibromoethane
Concen: 19.196 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion:107 Resp: 89200
Ion Ratio Lower Upper
107 100
109 89.2 76.6 114.8

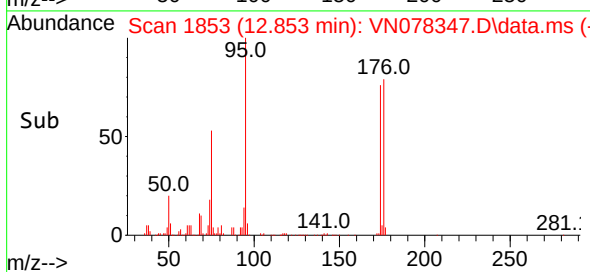
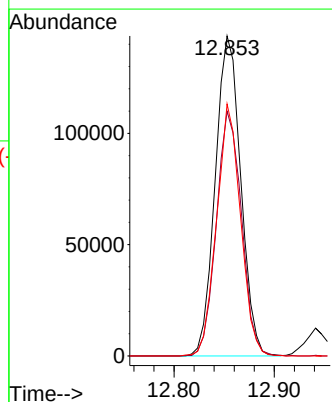
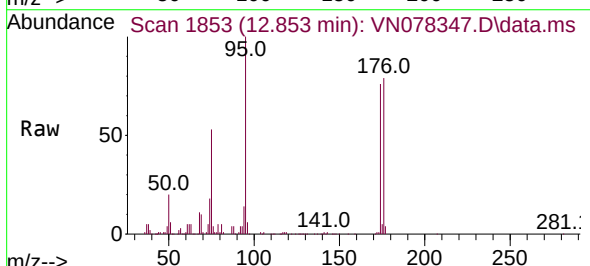
Manual Integrations
APPROVED

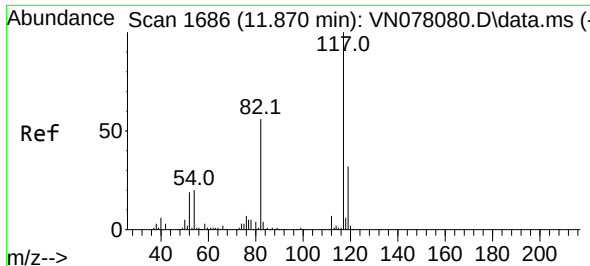
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#62
4-Bromofluorobenzene
Concen: 48.820 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

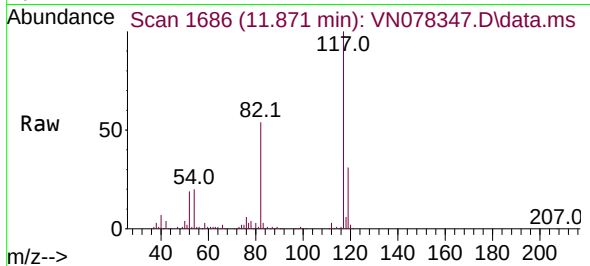
Tgt Ion: 95 Resp: 253326
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 73.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

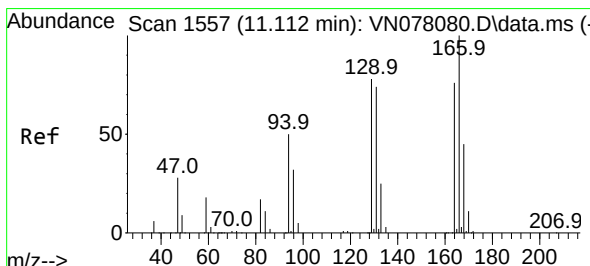
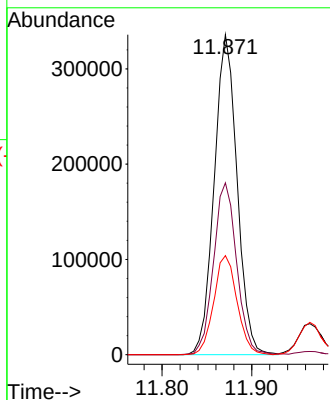
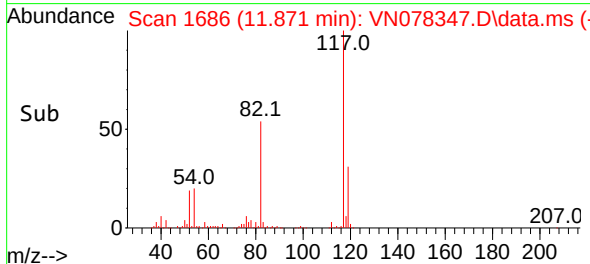
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion:117 Resp: 594250
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 31.0 25.6 38.4

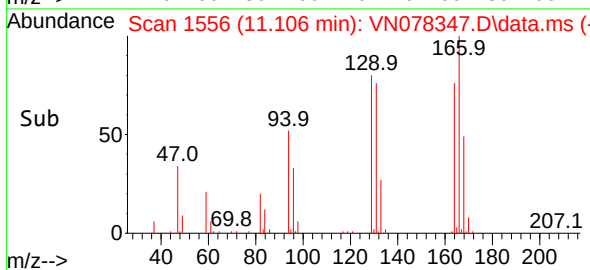
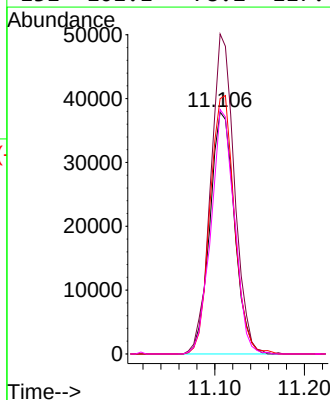
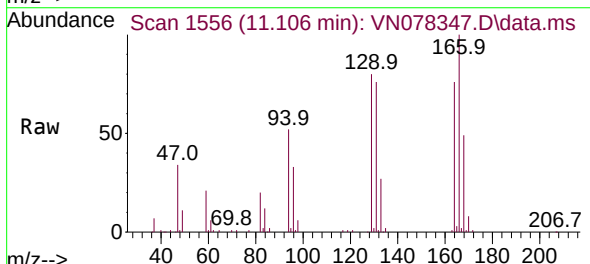
Manual Integrations
APPROVED

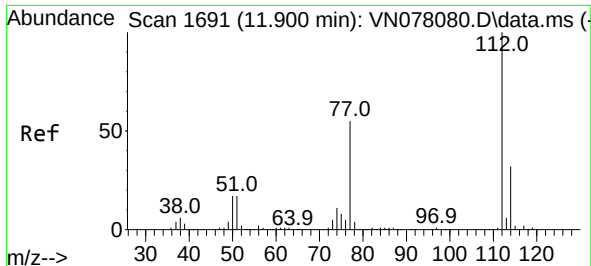
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#64
Tetrachloroethene
Concen: 18.182 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion:164 Resp: 72080
Ion Ratio Lower Upper
164 100
166 132.3 101.4 152.0
129 105.6 82.4 123.6
131 101.1 78.2 117.4





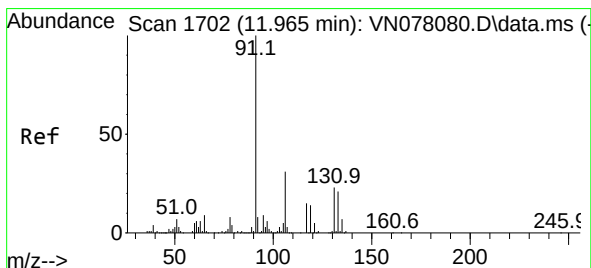
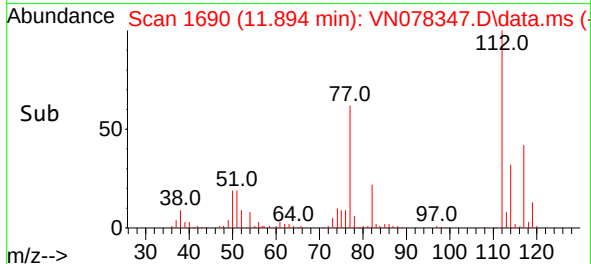
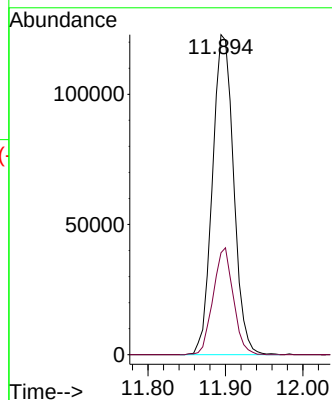
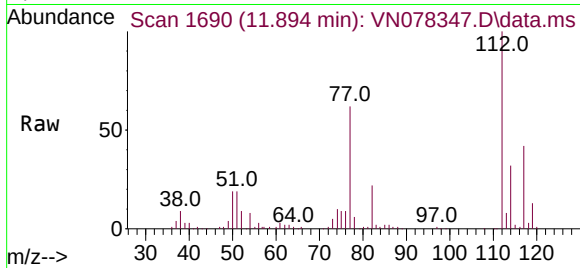
#65
Chlorobenzene
Concen: 18.341 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion:112 Resp: 233408
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

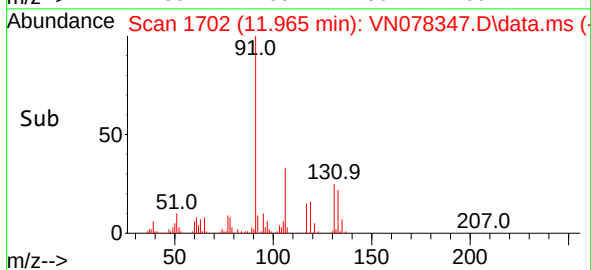
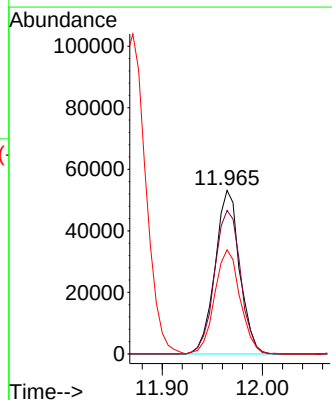
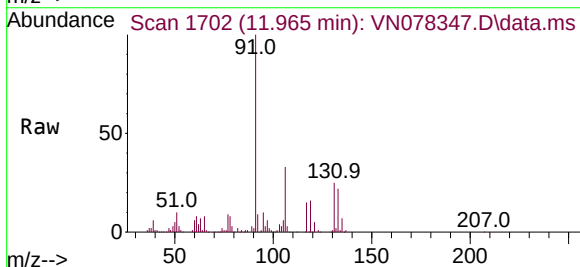
Manual Integrations
APPROVED

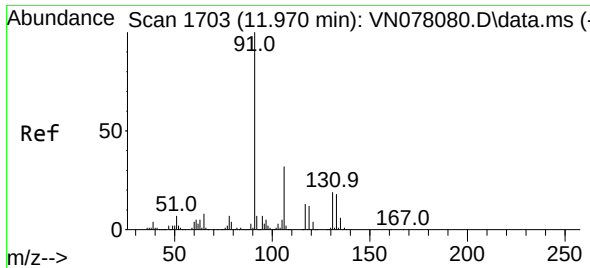
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.376 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion:131 Resp: 90692
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 66.1 34.1 102.2





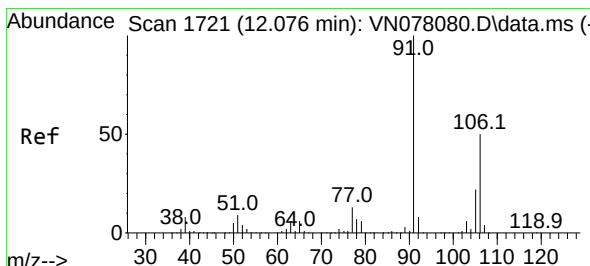
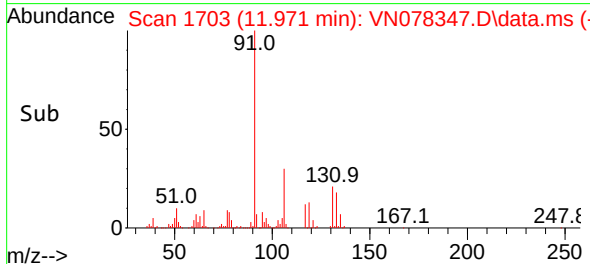
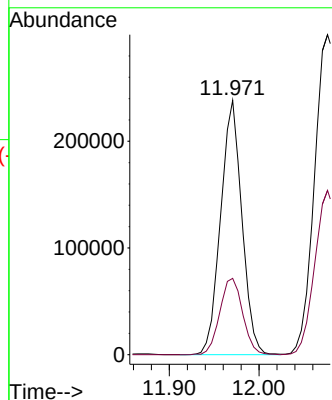
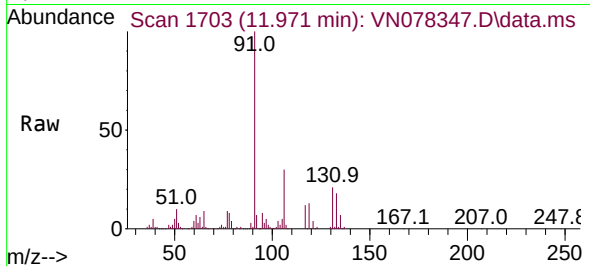
#67
Ethyl Benzene
Concen: 17.849 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion: 91 Resp: 391950
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

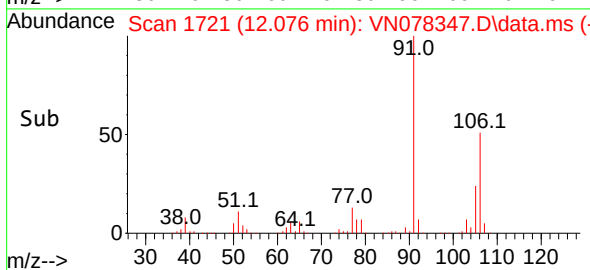
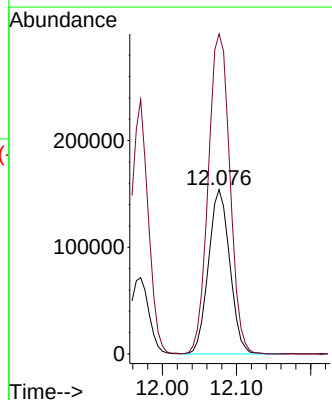
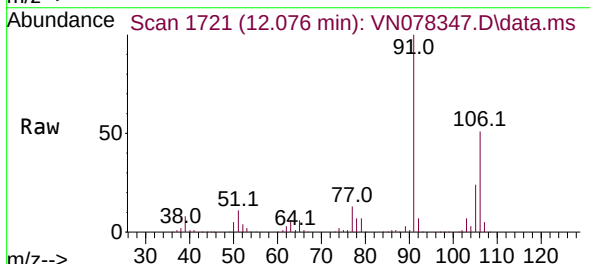
Manual Integrations
APPROVED

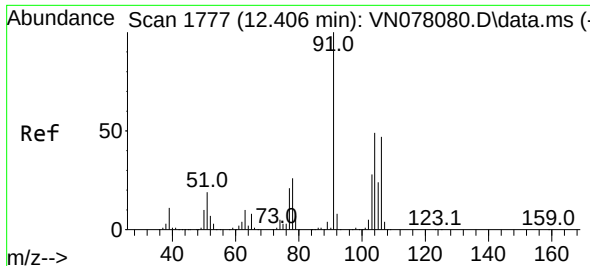
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#68
m/p-Xylenes
Concen: 36.710 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion:106 Resp: 307213
Ion Ratio Lower Upper
106 100
91 198.3 159.6 239.4





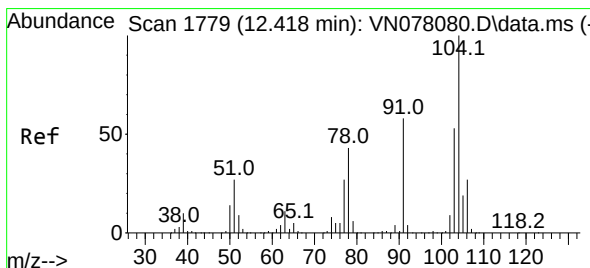
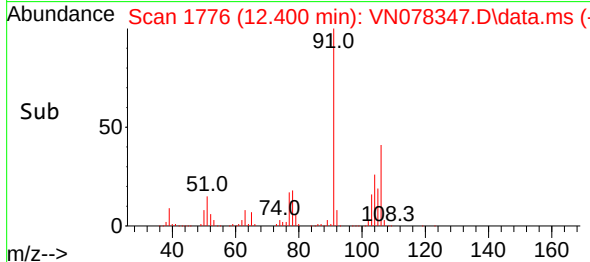
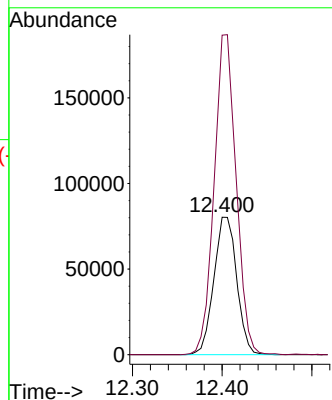
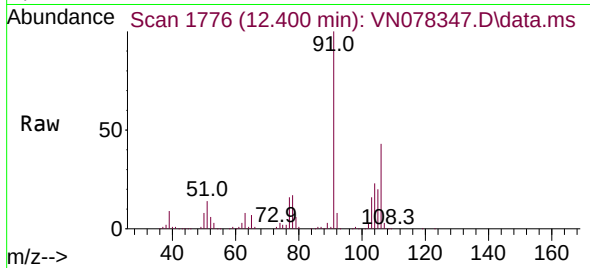
#69
o-Xylene
Concen: 17.288 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion:106 Resp: 142070
Ion Ratio Lower Upper
106 100
91 224.3 105.2 315.5

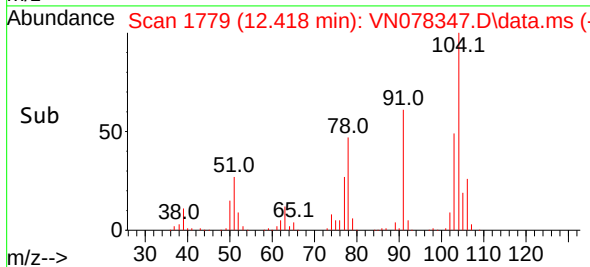
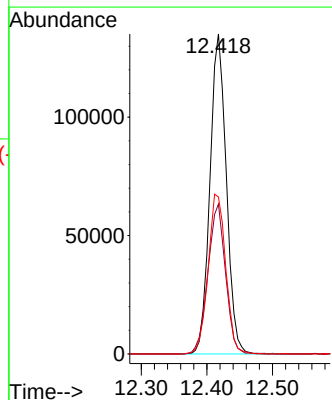
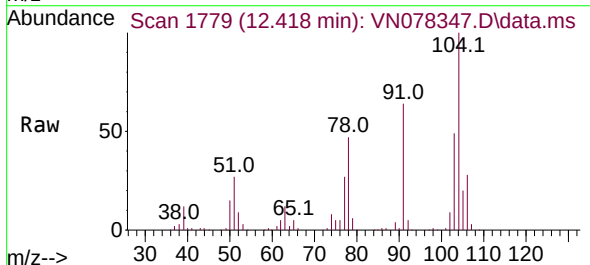
Manual Integrations
APPROVED

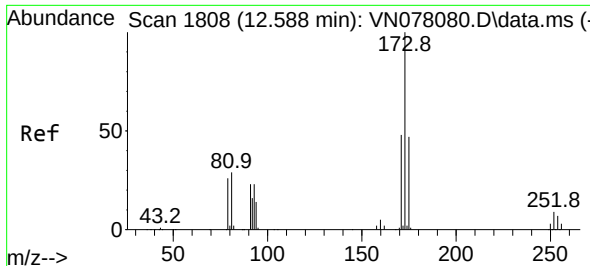
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#70
Styrene
Concen: 18.139 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

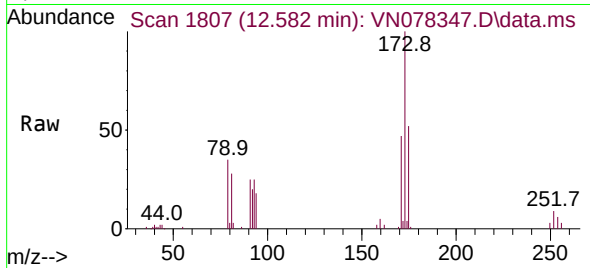
Tgt Ion:104 Resp: 234683
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 53.8 43.2 64.8





#71
Bromoform
Concen: 18.526 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

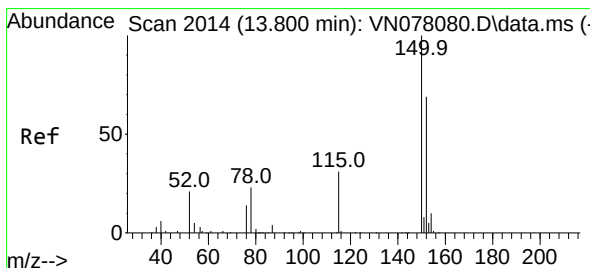
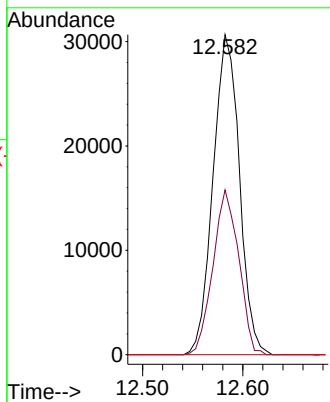
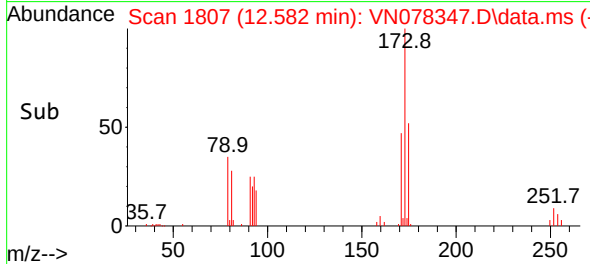
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



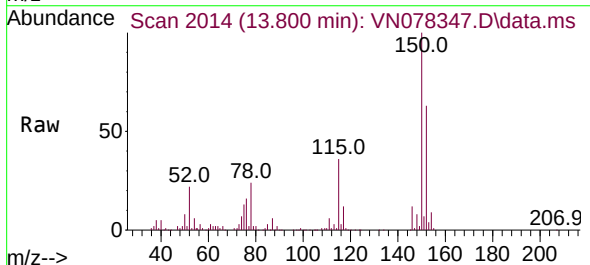
Tgt Ion:173 Resp: 55962
Ion Ratio Lower Upper
173 100
175 50.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

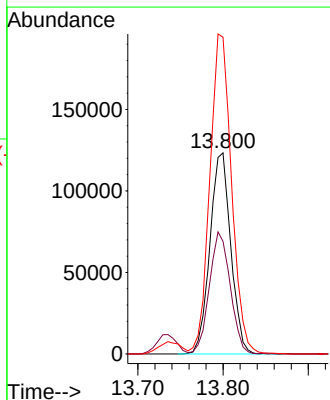
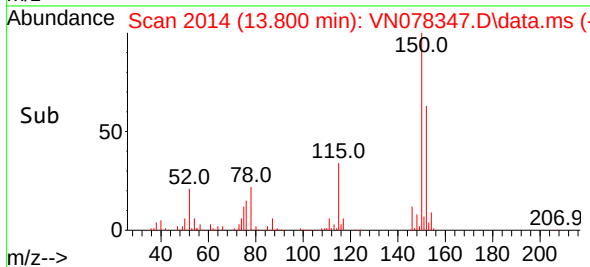
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

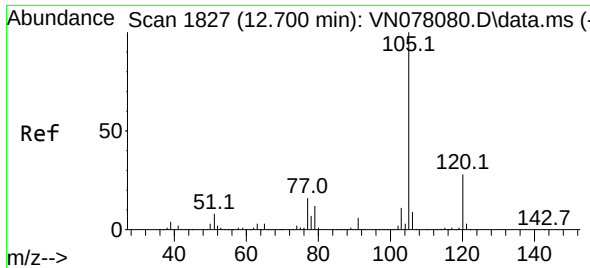


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



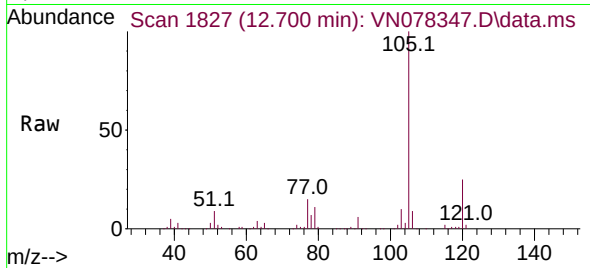
Tgt Ion:152 Resp: 209718
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 165.6 0.0 355.8





#73
Isopropylbenzene
Concen: 18.172 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

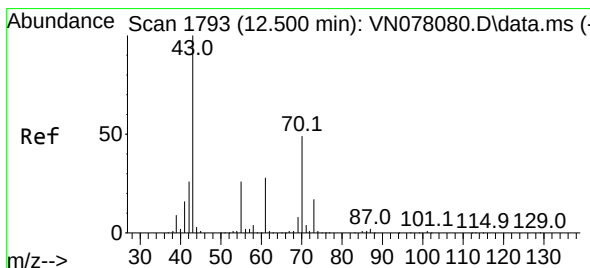
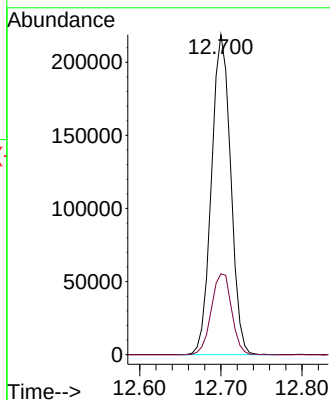
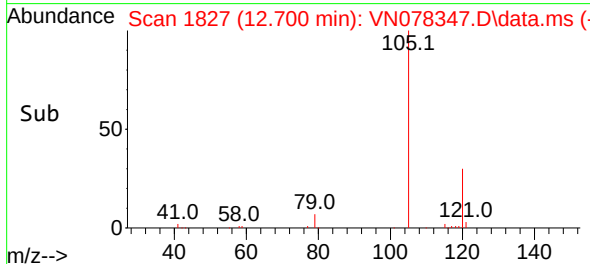
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



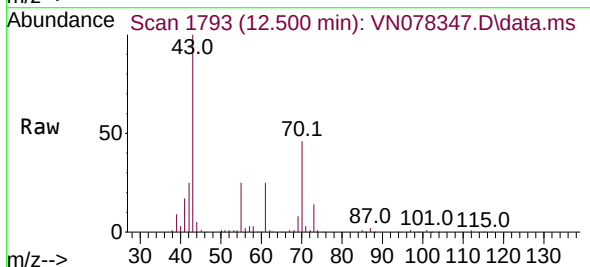
Tgt Ion:105 Resp: 36037
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

Manual Integrations
APPROVED

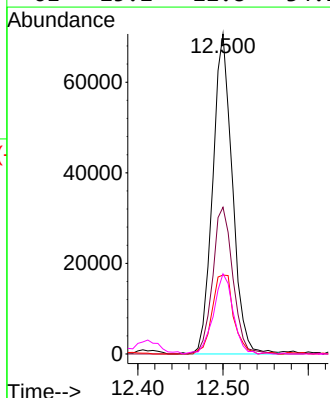
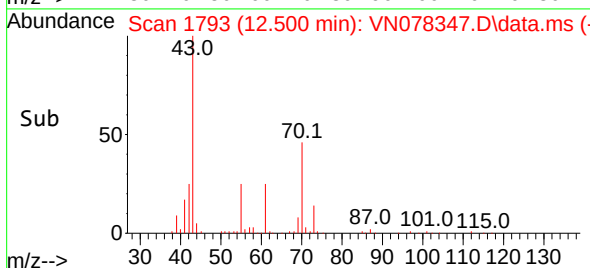
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

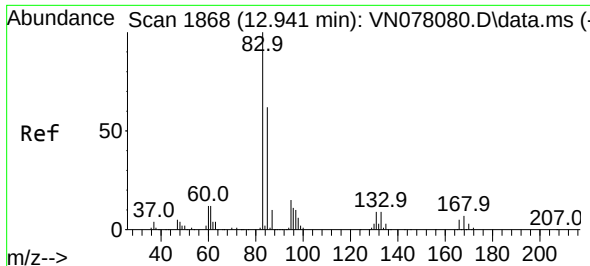


#74
N-ethyl acetate
Concen: 17.318 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



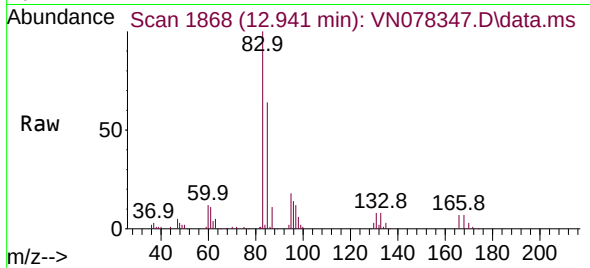
Tgt Ion: 43 Resp: 113097
Ion Ratio Lower Upper
43 100
70 47.3 43.4 65.2
55 26.9 21.4 32.0
61 25.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.635 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

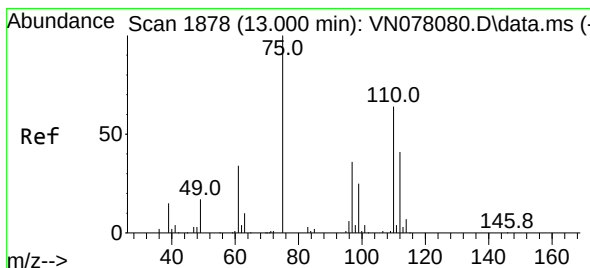
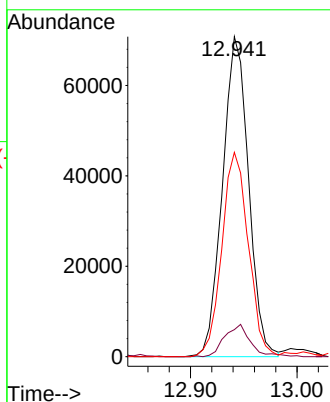
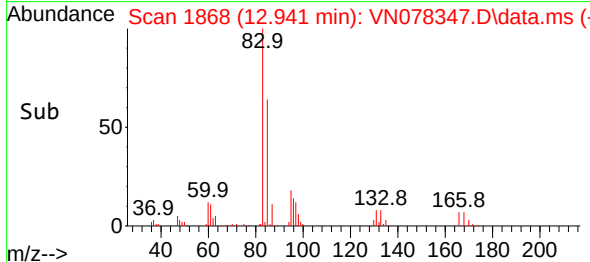
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



Tgt Ion: 83 Resp: 12039
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.7 31.9 95.7

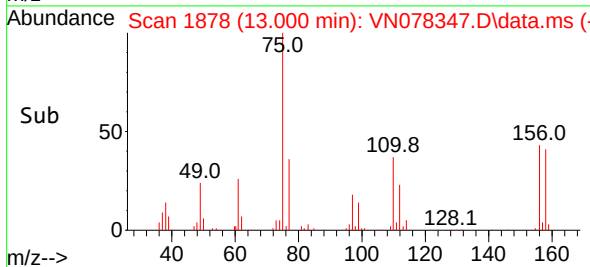
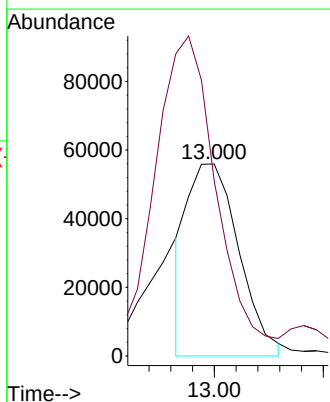
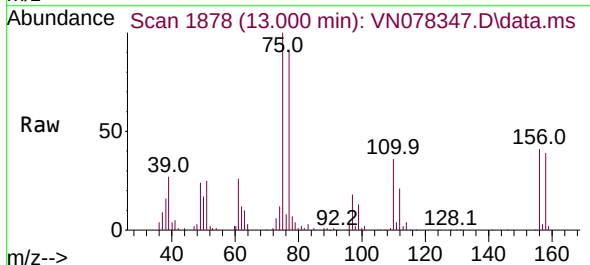
Manual Integrations
APPROVED

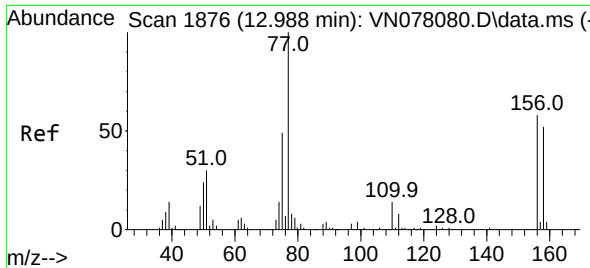
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#76
1,2,3-Trichloropropane
Concen: 18.541 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion: 75 Resp: 91924
Ion Ratio Lower Upper
75 100
77 202.4 84.5 253.5





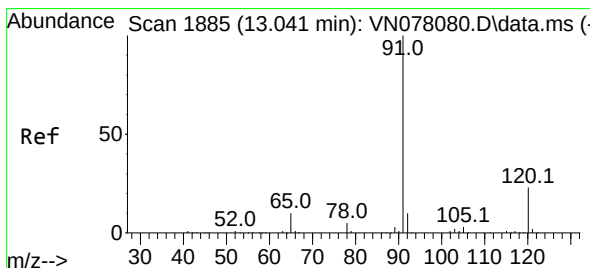
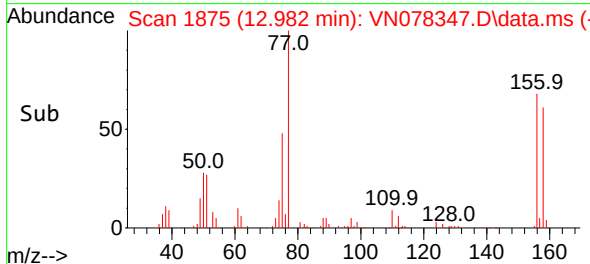
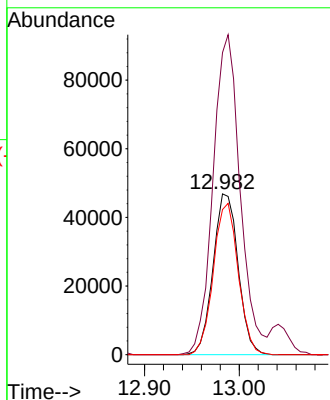
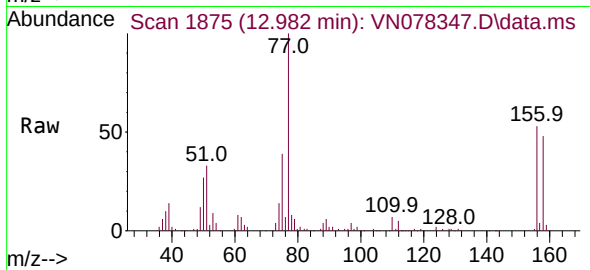
#77
Bromobenzene
Concen: 18.729 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion:156 Resp: 8622
Ion Ratio Lower Upper
156 100
77 215.8 107.7 323.3
158 93.6 48.4 145.3

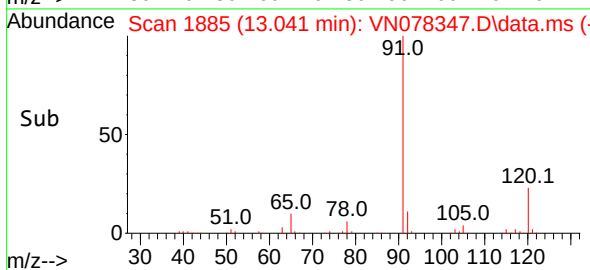
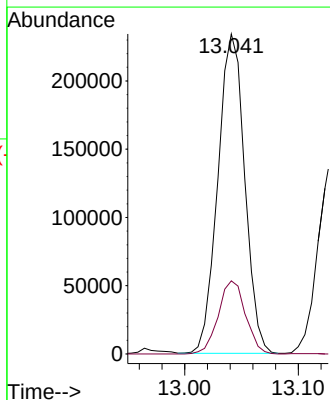
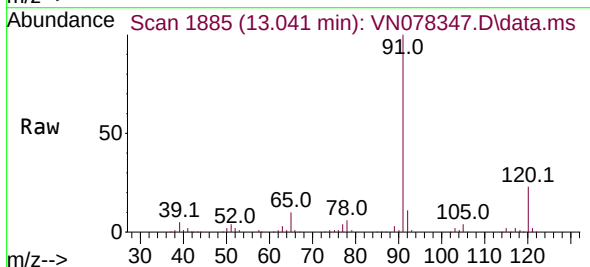
Manual Integrations
APPROVED

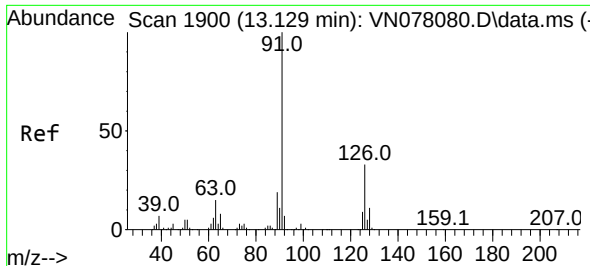
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#78
n-propylbenzene
Concen: 17.848 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion: 91 Resp: 384558
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





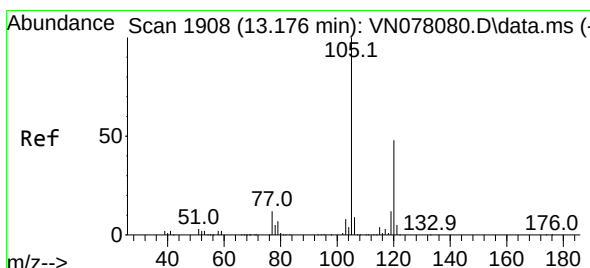
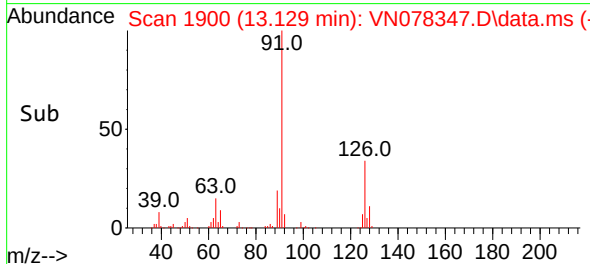
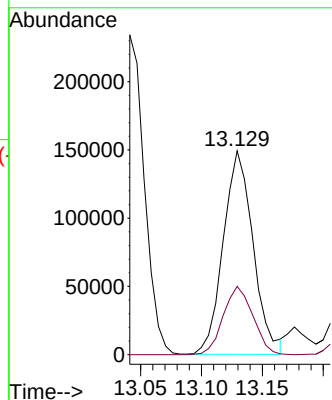
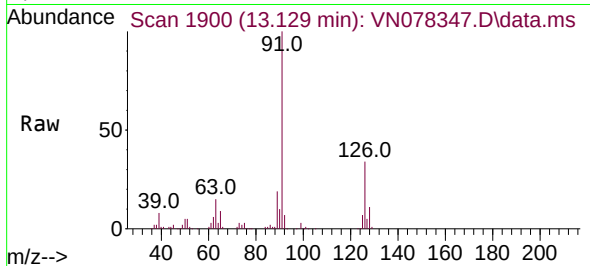
#79
2-Chlorotoluene
Concen: 18.300 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion: 91 Resp: 254519
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

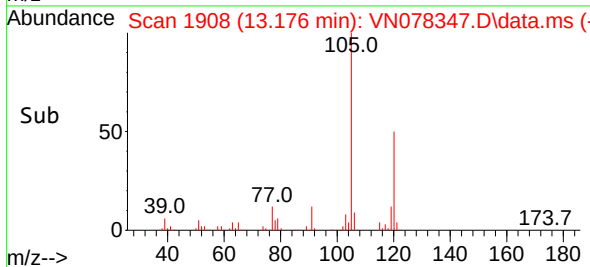
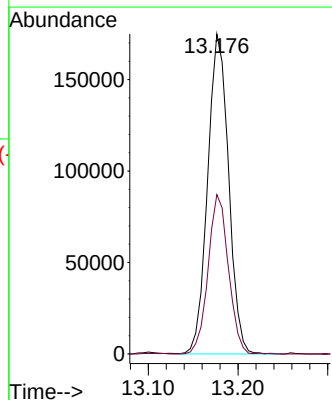
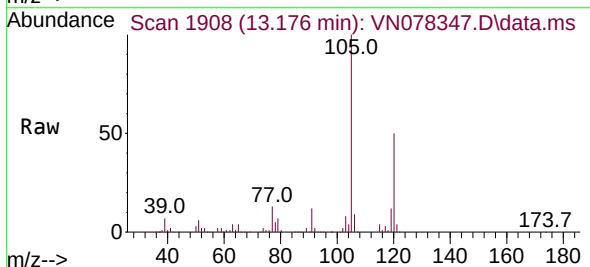
Manual Integrations
APPROVED

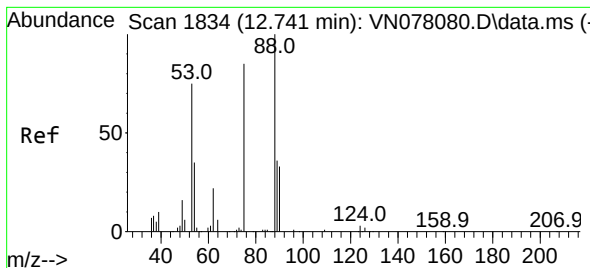
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.670 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

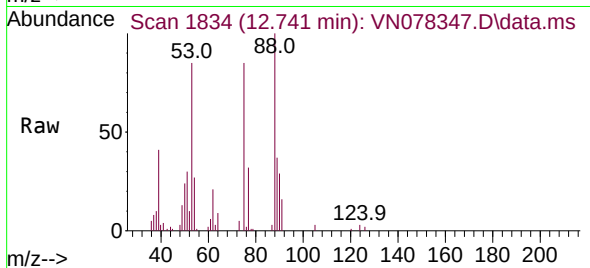
Tgt Ion:105 Resp: 283711
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.710 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

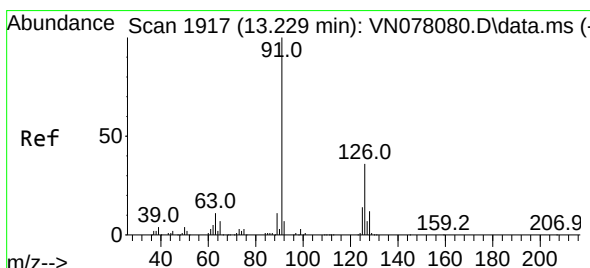
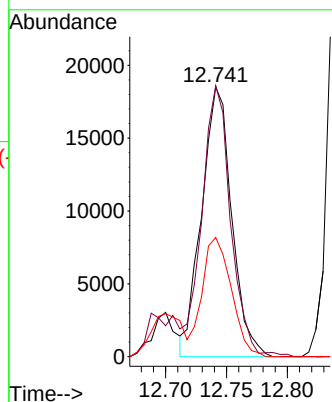
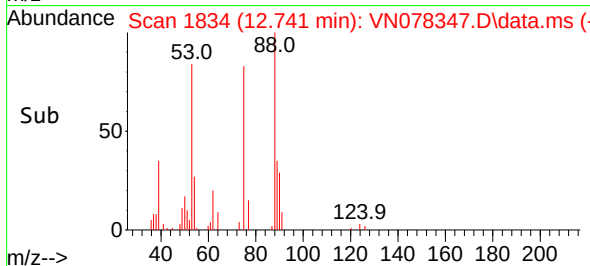
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



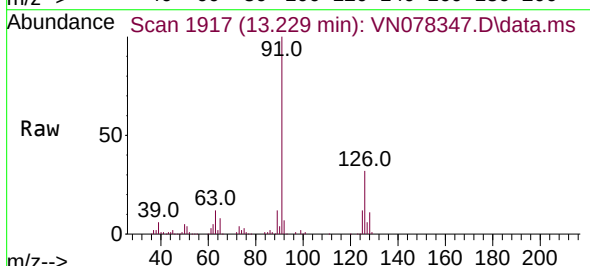
Tgt Ion: 75 Resp: 31800
Ion Ratio Lower Upper
75 100
53 96.4 67.4 101.2
89 43.0 38.8 58.2

Manual Integrations
APPROVED

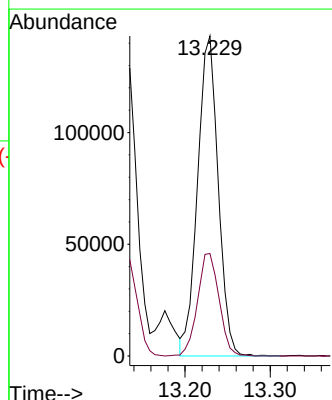
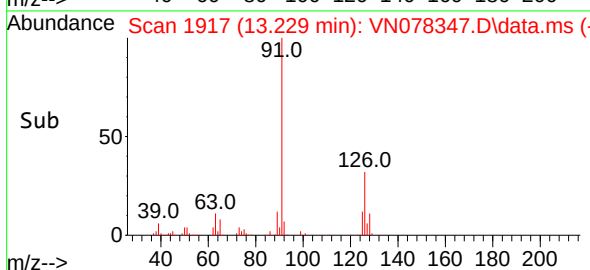
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

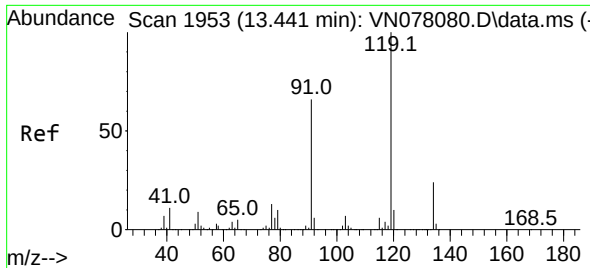


#82
4-Chlorotoluene
Concen: 18.520 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



Tgt Ion: 91 Resp: 240406
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





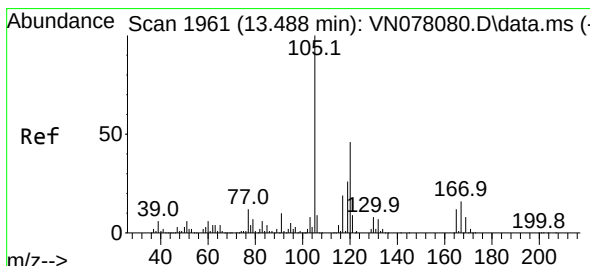
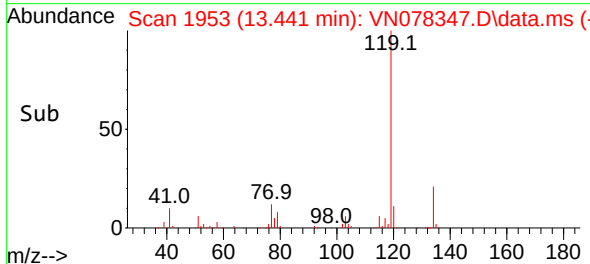
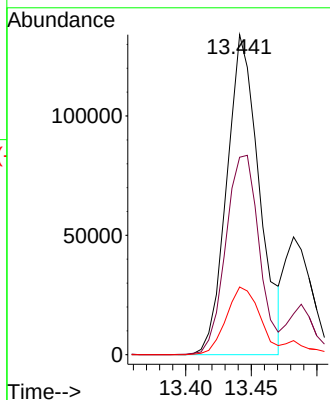
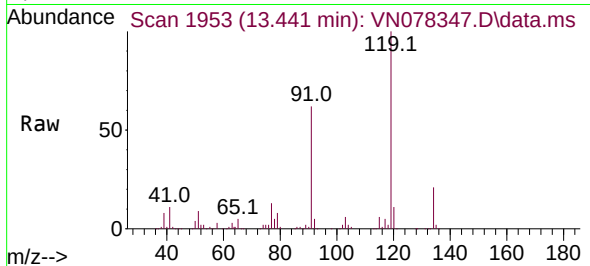
#83
tert-Butylbenzene
Concen: 16.539 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion:119 Resp: 230830
Ion Ratio Lower Upper
119 100
91 64.4 33.9 101.7
134 21.9 13.2 39.6

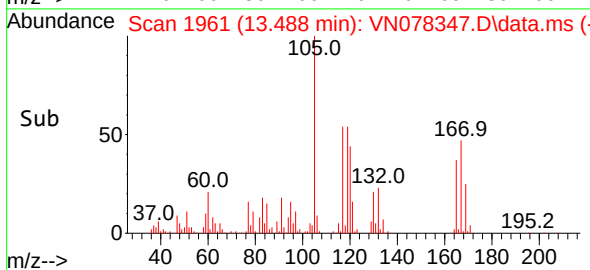
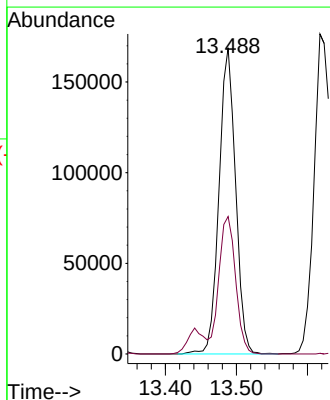
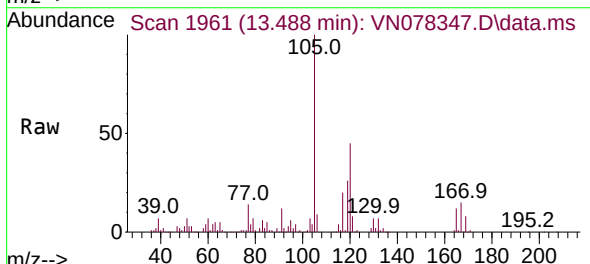
Manual Integrations
APPROVED

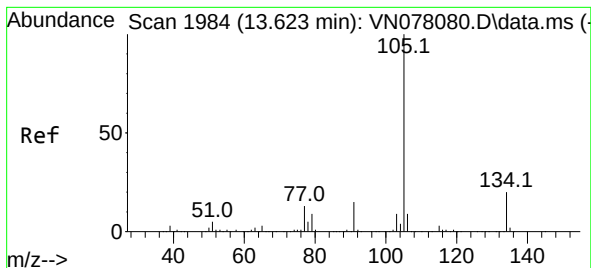
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.491 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion:105 Resp: 272270
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 16.060 ug/l

RT: 13.618 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

Tgt Ion:105 Resp: 29338

Ion Ratio Lower Upper

105 100

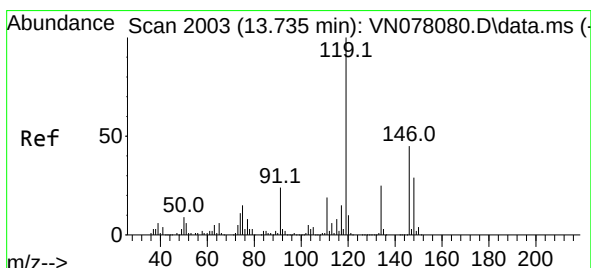
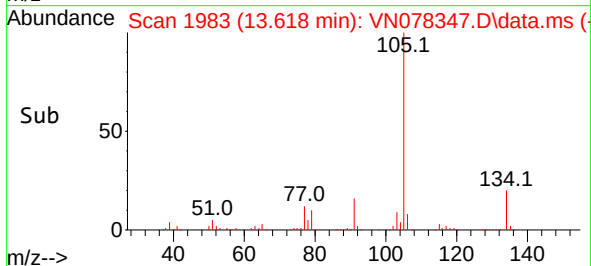
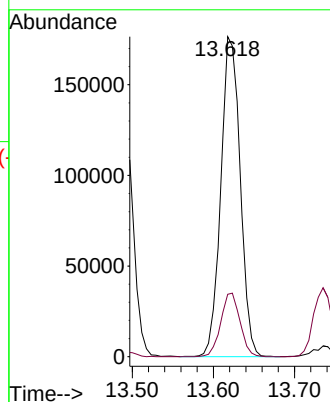
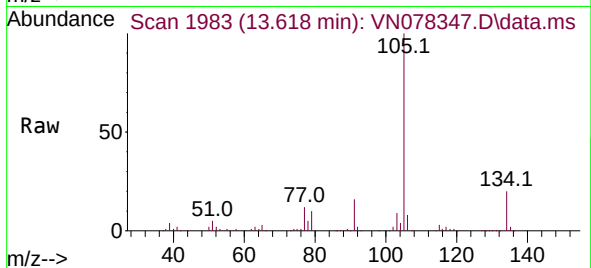
134 19.7 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#86

p-Isopropyltoluene

Concen: 16.164 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

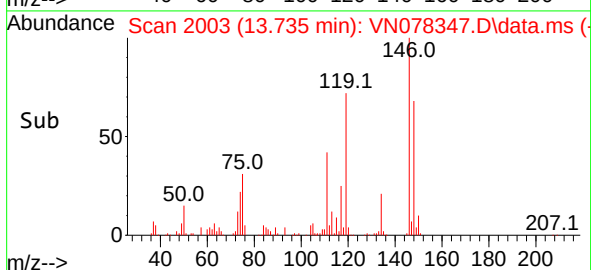
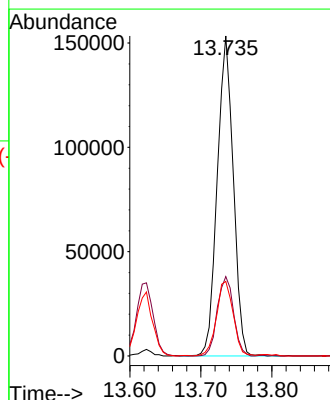
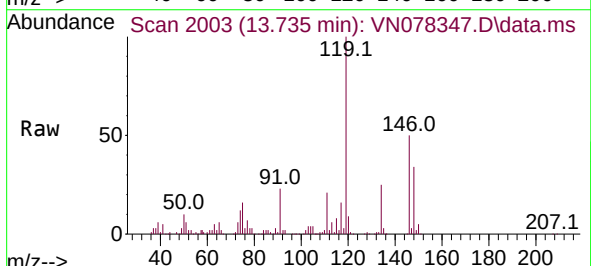
Tgt Ion:119 Resp: 239614

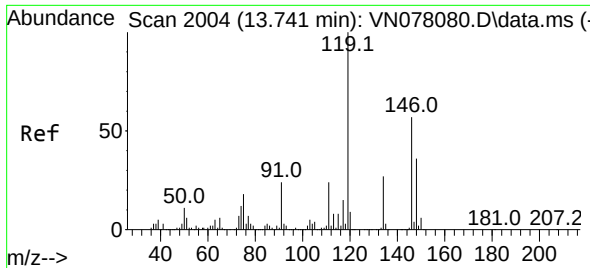
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

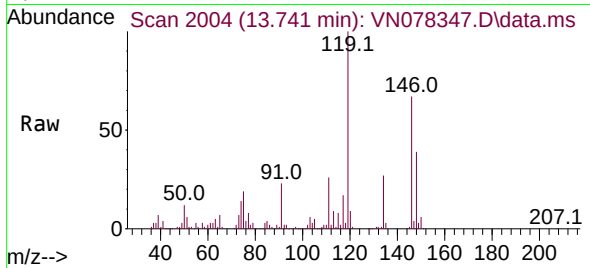
91 24.4 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 17.005 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN078347.D
 Acq: 22 Jun 2023 14:04

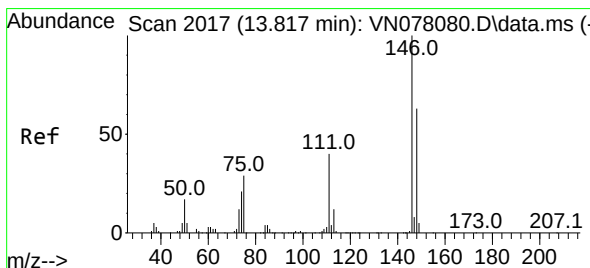
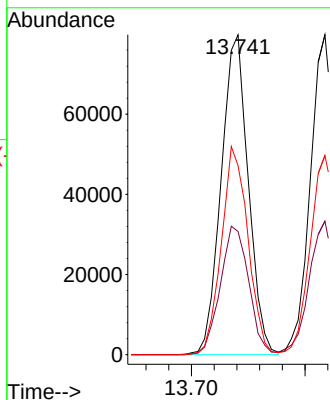
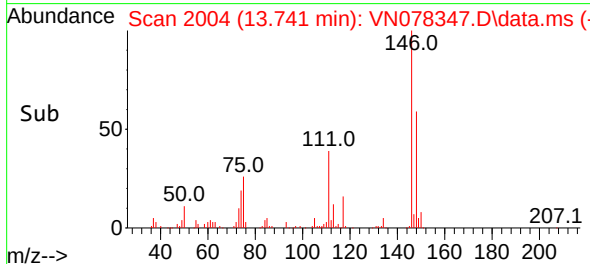
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01



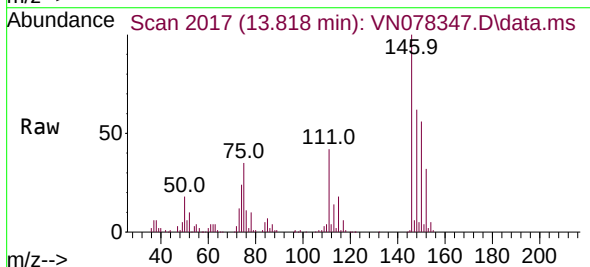
Tgt Ion:146 Resp: 13242
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.1 66.3
 148 63.9 32.0 96.0

Manual Integrations
 APPROVED

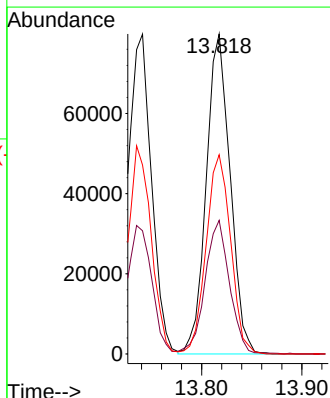
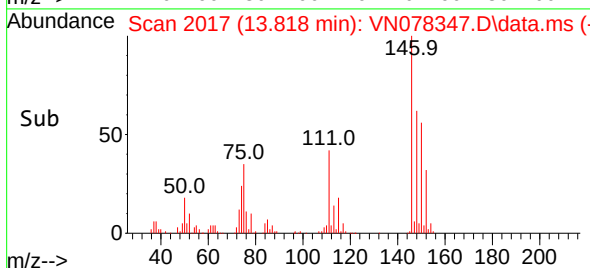
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/23/2023

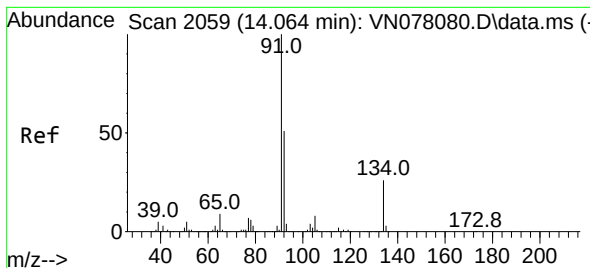


#88
 1,4-Dichlorobenzene
 Concen: 17.644 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078347.D
 Acq: 22 Jun 2023 14:04



Tgt Ion:146 Resp: 132576
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.6 61.8
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 14.944 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

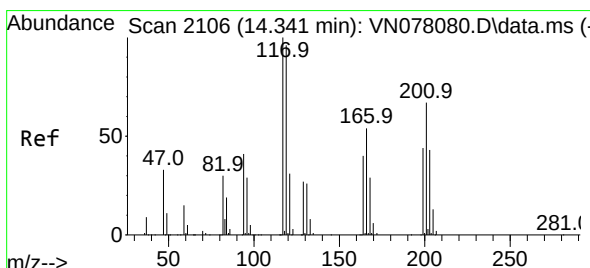
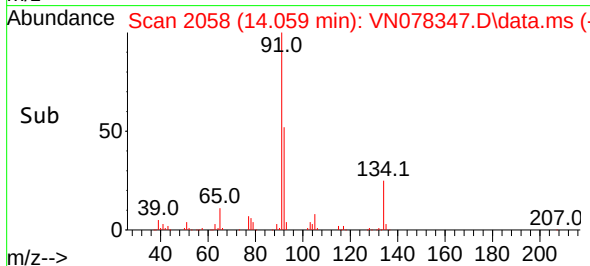
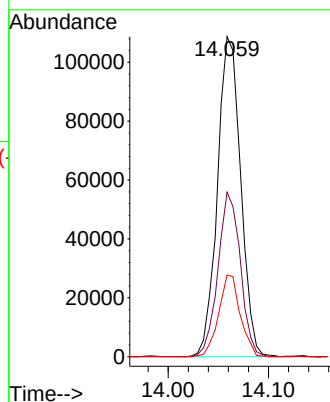
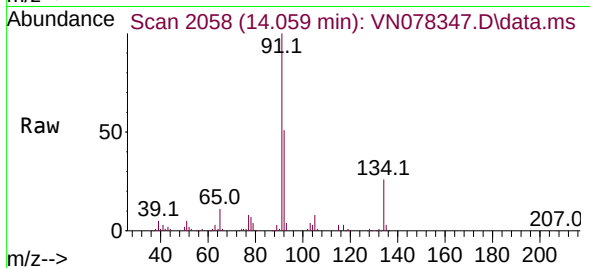
Tgt Ion:	91	Resp:	174734
Ion	Ratio	Lower	Upper
91	100		
92	49.4	26.4	79.0
134	23.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#90

Hexachloroethane

Concen: 16.852 ug/l

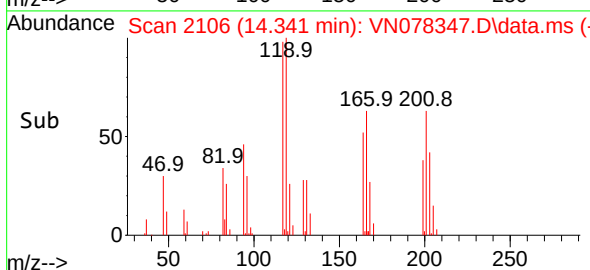
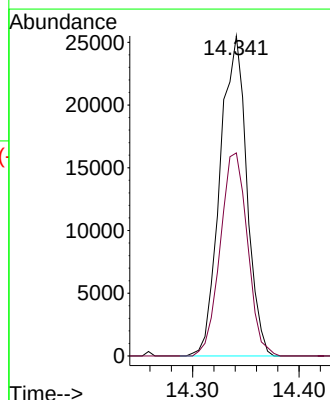
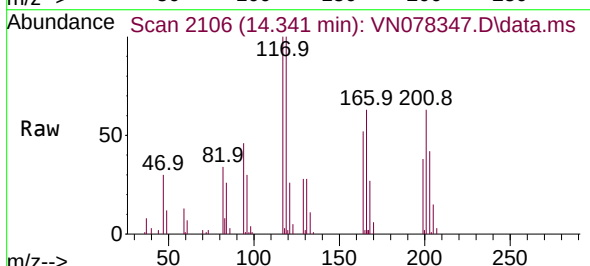
RT: 14.341 min Scan# 2106

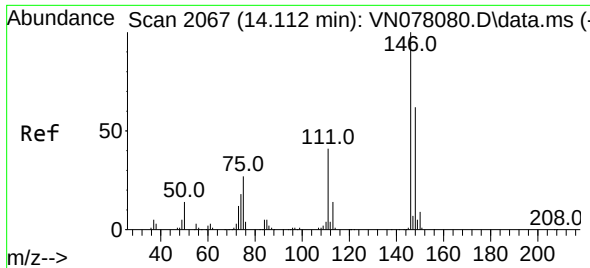
Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Tgt Ion:	117	Resp:	44333
Ion	Ratio	Lower	Upper
117	100		
201	64.9	29.3	88.0





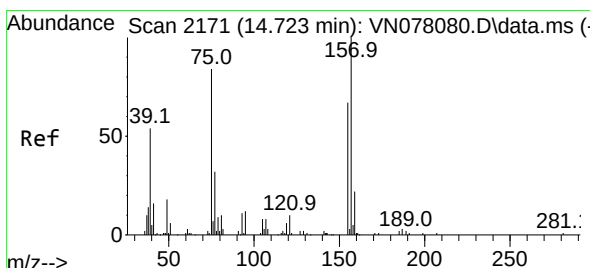
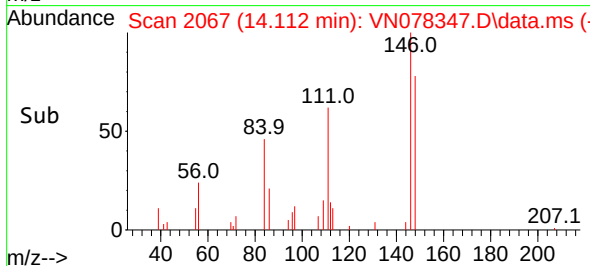
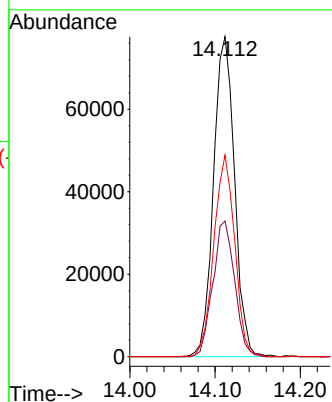
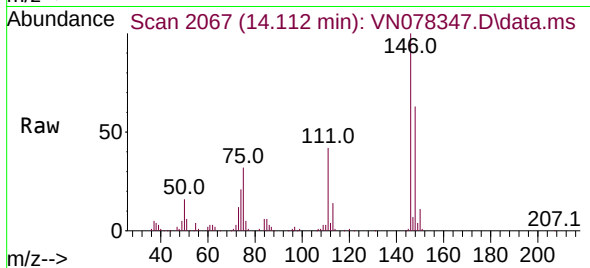
#91
1,2-Dichlorobenzene
Concen: 17.511 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01

Tgt Ion:146 Resp: 13327
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 62.5 31.8 95.3

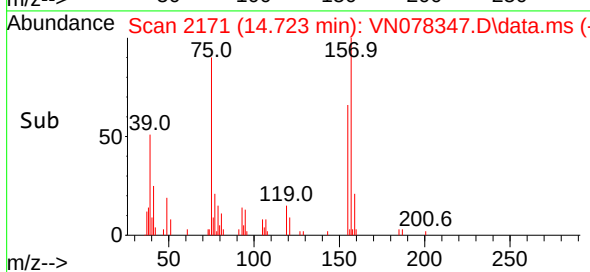
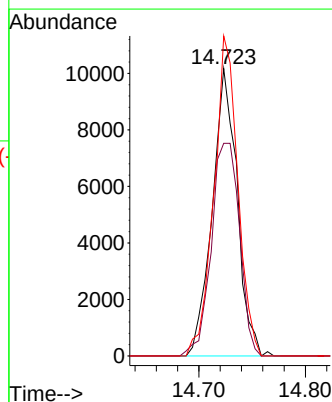
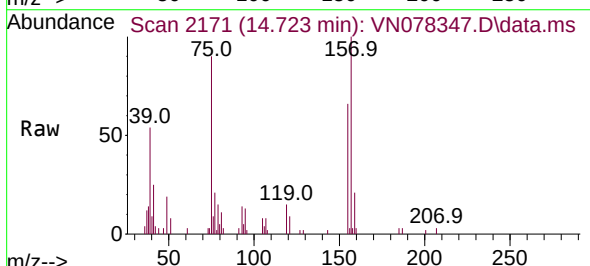
Manual Integrations
APPROVED

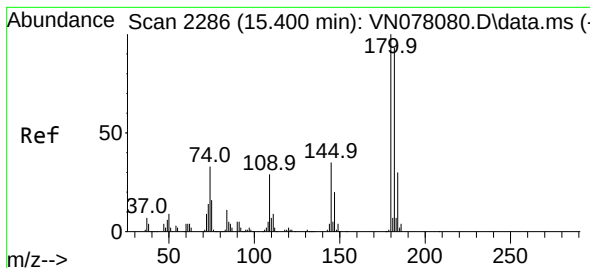
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.752 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

Tgt Ion: 75 Resp: 16456
Ion Ratio Lower Upper
75 100
155 84.0 39.1 117.2
157 107.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 12.561 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBS01

Tgt Ion:180 Resp: 34060

Ion Ratio Lower Upper

180 100

182 100.2 46.1 138.2

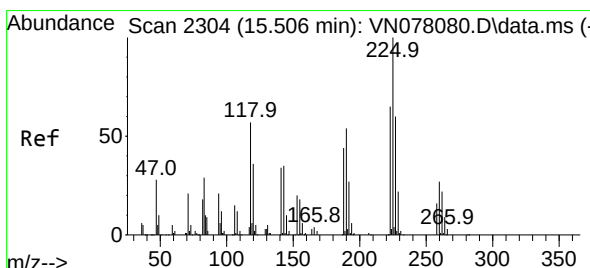
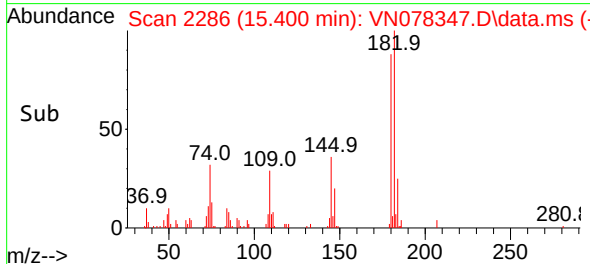
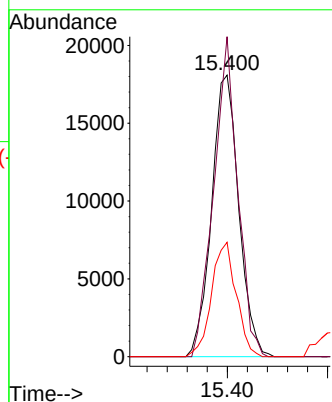
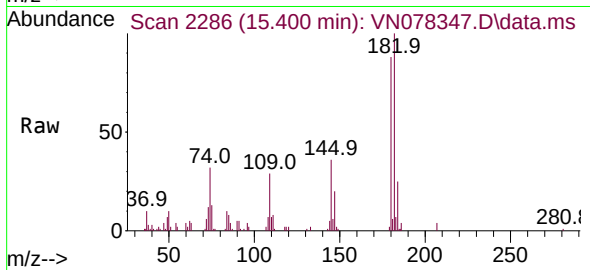
145 37.0 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#94

Hexachlorobutadiene

Concen: 15.879 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078347.D

Acq: 22 Jun 2023 14:04

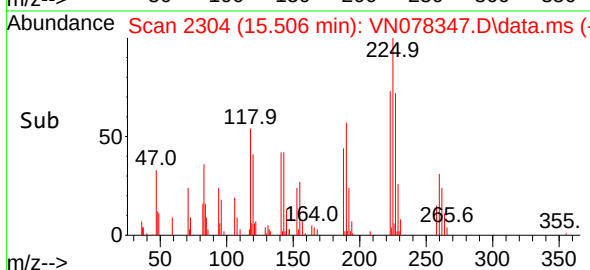
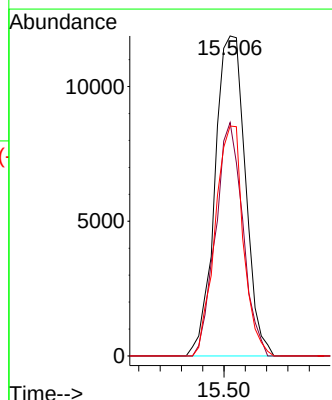
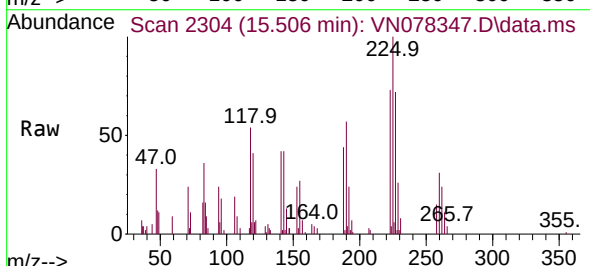
Tgt Ion:225 Resp: 23536

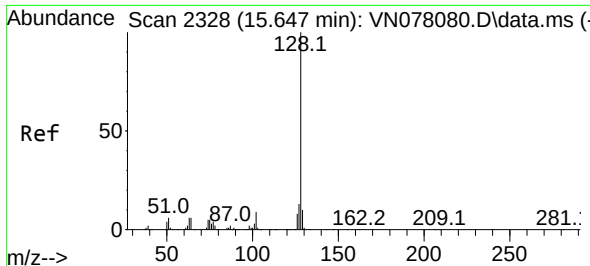
Ion Ratio Lower Upper

225 100

223 65.3 31.3 93.8

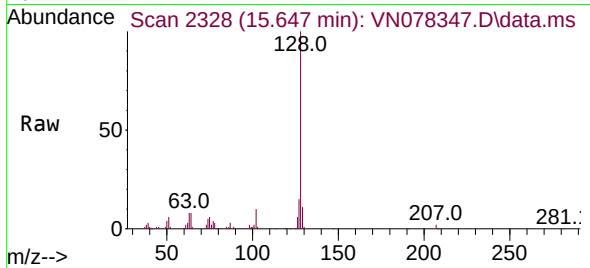
227 66.3 31.9 95.9





#95
Naphthalene
Concen: 11.591 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04

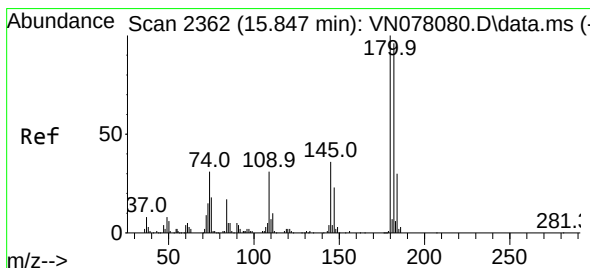
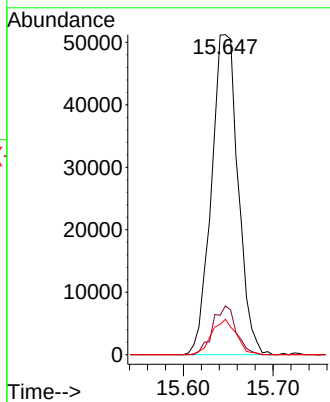
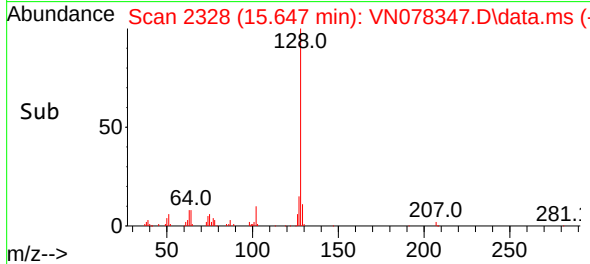
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBS01



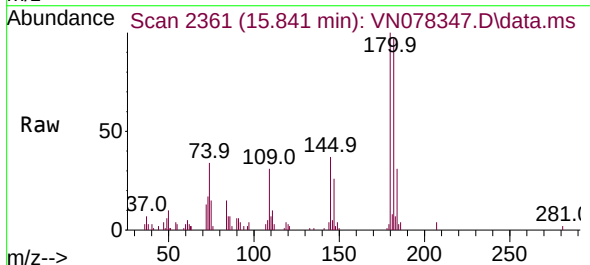
Tgt Ion:128 Resp: 10572
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 13.486 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078347.D
Acq: 22 Jun 2023 14:04



Tgt Ion:180 Resp: 40898
Ion Ratio Lower Upper
180 100
182 97.1 46.2 138.6
145 37.4 17.5 52.6

