

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078343.D
 Acq On : 22 Jun 2023 12:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 17:00:42 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	406475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	703855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	616324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281442	51.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.860%	
35) Dibromofluoromethane	8.177	113	243735	54.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.540%	
50) Toluene-d8	10.571	98	885773	51.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.853	95	286579	53.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	256137	55.745	ug/l	94
3) Chloromethane	2.371	50	265383	61.825	ug/l	97
4) Vinyl Chloride	2.524	62	369114	61.349	ug/l	99
5) Bromomethane	2.959	94	261998	57.620	ug/l	100
6) Chloroethane	3.124	64	252447	61.550	ug/l	97
7) Trichlorofluoromethane	3.506	101	436437	53.491	ug/l	98
8) Diethyl Ether	3.971	74	153678	53.606	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	235998	54.808	ug/l	98
10) Methyl Iodide	4.600	142	343665	56.436	ug/l	99
11) Tert butyl alcohol	5.530	59	172623	230.678	ug/l	98
12) 1,1-Dichloroethene	4.353	96	233755	52.663	ug/l	94
13) Acrolein	4.189	56	252797	306.512	ug/l	96
14) Allyl chloride	5.036	41	301166	55.583	ug/l	95
15) Acrylonitrile	5.724	53	525769	272.517	ug/l	99
16) Acetone	4.436	43	509238	326.446	ug/l	100
17) Carbon Disulfide	4.724	76	632225	55.337	ug/l	100
18) Methyl Acetate	5.030	43	370407	51.575	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	779026	55.008	ug/l	99
20) Methylene Chloride	5.289	84	271589	52.685	ug/l #	87
21) trans-1,2-Dichloroethene	5.794	96	257629	53.814	ug/l	88
22) Diisopropyl ether	6.683	45	739906	58.054	ug/l	95
23) Vinyl Acetate	6.612	43	2212883	292.080	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	471377	56.065	ug/l	97
25) 2-Butanone	7.488	43	689026	287.230	ug/l	89
26) 2,2-Dichloropropane	7.500	77	408973	65.878	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	310059	54.296	ug/l	95
28) Bromochloromethane	7.818	49	210379	54.498	ug/l	89
29) Tetrahydrofuran	7.847	42	429106	267.580	ug/l	85
30) Chloroform	7.977	83	506817	55.980	ug/l	93
31) Cyclohexane	8.259	56	367074	52.801	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	446245	56.143	ug/l	96
36) 1,1-Dichloropropene	8.377	75	379948	59.520	ug/l	98
37) Ethyl Acetate	7.565	43	274093	54.963	ug/l	94
38) Carbon Tetrachloride	8.371	117	403589	59.876	ug/l	98
39) Methylcyclohexane	9.606	83	341388	51.604	ug/l	91
40) Benzene	8.612	78	1115778	58.548	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	150103	55.532	ug/l	93
42) 1,2-Dichloroethane	8.677	62	380858	58.286	ug/l	99
43) Isopropyl Acetate	8.694	43	515323	54.034	ug/l #	93
44) Trichloroethene	9.359	130	286364	56.898	ug/l	93
45) 1,2-Dichloropropane	9.624	63	282125	59.501	ug/l	93
46) Dibromomethane	9.712	93	199332	57.075	ug/l	94
47) Bromodichloromethane	9.894	83	404260	62.315	ug/l	96
48) Methyl methacrylate	9.688	41	227110	56.745	ug/l	91
49) 1,4-Dioxane	9.694	88	80430	956.140	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	1424610	283.667	ug/l	93
52) Toluene	10.635	92	696456	57.882	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	429772	63.611	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	471236	63.097	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	276953	60.845	ug/l	99
56) Ethyl methacrylate	10.877	69	399477	60.274	ug/l	93
57) 1,3-Dichloropropane	11.171	76	461252	60.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	705737	263.592	ug/l	91
59) 2-Hexanone	11.200	43	1006317	287.777	ug/l	93
60) Dibromochloromethane	11.365	129	300519	60.336	ug/l	98
61) 1,2-Dibromoethane	11.476	107	280699	58.764	ug/l	97
64) Tetrachloroethene	11.112	164	220060	53.520	ug/l	97
65) Chlorobenzene	11.894	112	748275	56.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	279887	57.655	ug/l	96
67) Ethyl Benzene	11.971	91	1313959	57.694	ug/l	99
68) m/p-Xylenes	12.076	106	1007527	116.082	ug/l	100
69) o-Xylene	12.406	106	497752	58.399	ug/l	99
70) Styrene	12.418	104	800091	59.627	ug/l	99
71) Bromoform	12.582	173	187306	59.788	ug/l #	100
73) Isopropylbenzene	12.700	105	1182084	52.337	ug/l	99
74) N-amyl acetate	12.500	43	402220	54.079	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	367582	59.644	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	289866m	51.337	ug/l	
77) Bromobenzene	12.982	156	282162	53.816	ug/l	97
78) n-propylbenzene	13.041	91	1320950	53.831	ug/l	100
79) 2-Chlorotoluene	13.129	91	827213	52.223	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	953902	52.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	115171	62.667	ug/l	87
82) 4-Chlorotoluene	13.223	91	818311	55.353	ug/l	99
83) tert-Butylbenzene	13.441	119	754020	47.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	963701	54.359	ug/l	99
85) sec-Butylbenzene	13.623	105	1021303	49.090	ug/l	100
86) p-Isopropyltoluene	13.735	119	837232	49.590	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	467291	52.690	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	462325	54.024	ug/l	99
89) n-Butylbenzene	14.059	91	672754	50.520	ug/l	98
90) Hexachloroethane	14.335	117	156704	52.302	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	463605	53.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56744	50.722	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	153282	49.635	ug/l	98
94) Hexachlorobutadiene	15.506	225	82611	54.832	ug/l	98
95) Naphthalene	15.641	128	475097	45.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	161268	46.691	ug/l	97

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ClientSampleId :
VSTDCCC050

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Supervised By :Mahesh Dadoda 06/23/2023

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

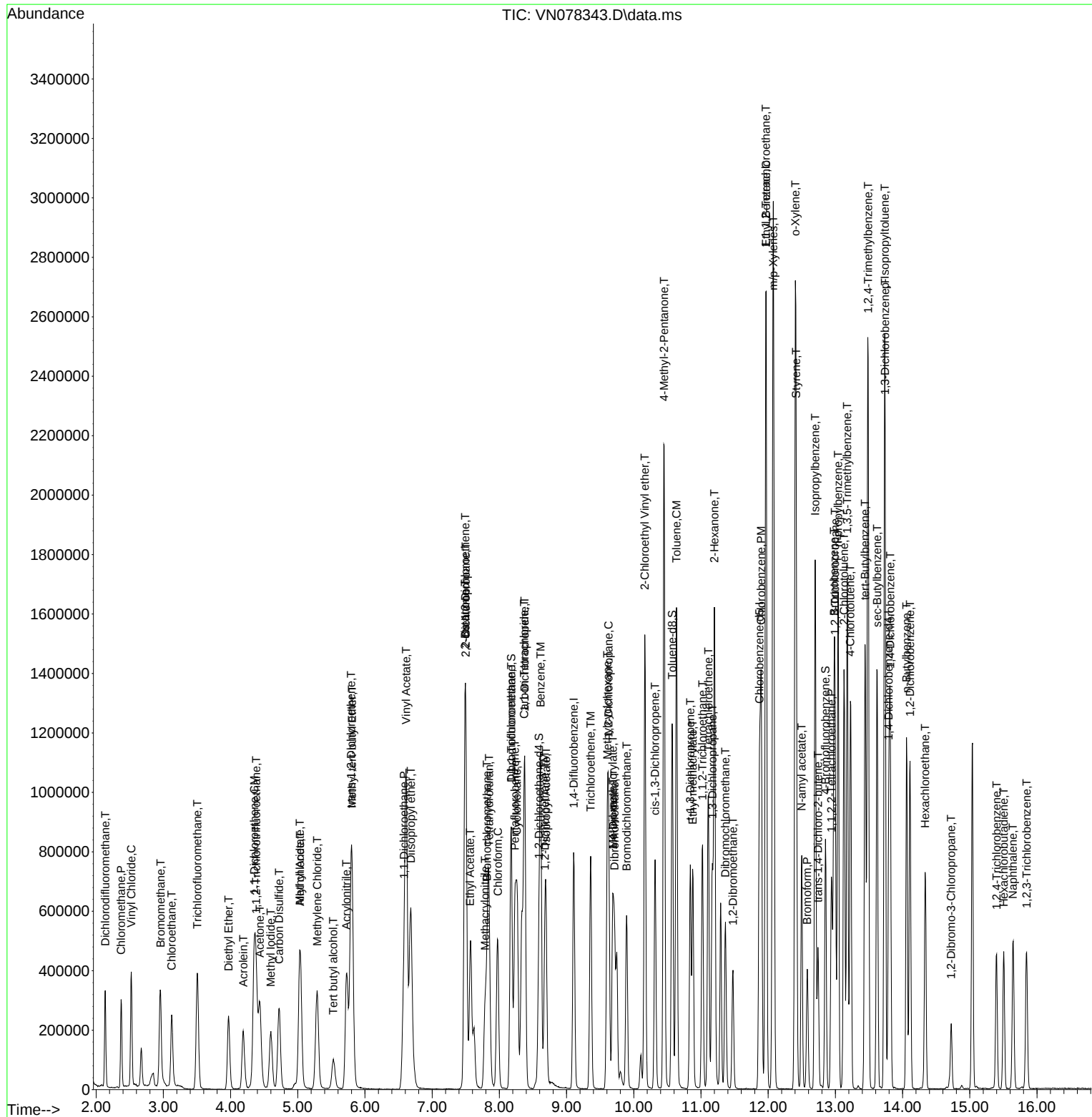
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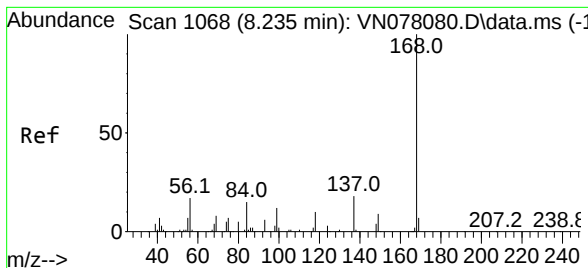
Instrument :
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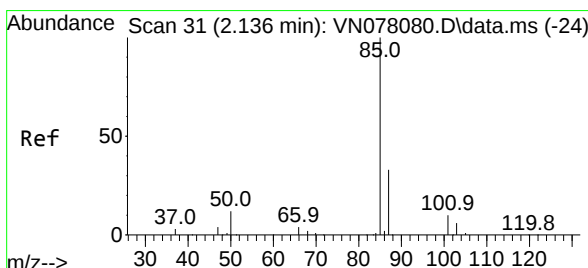
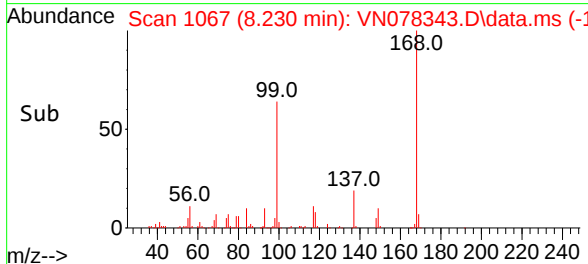
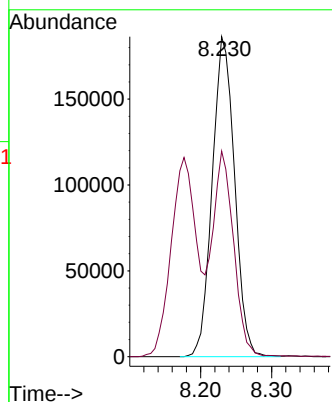
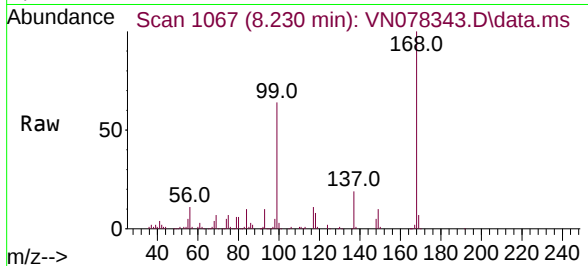
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 406475
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6

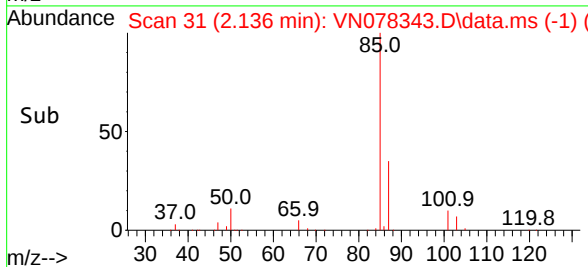
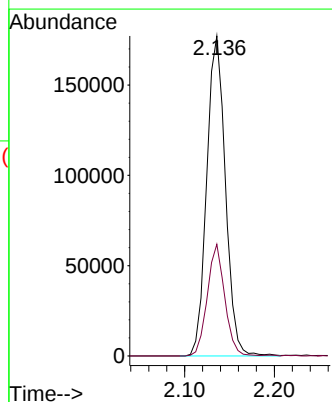
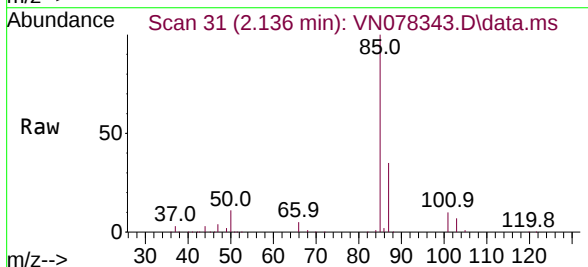
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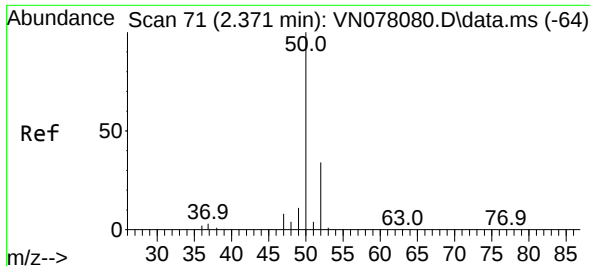
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#2
Dichlorodifluoromethane
Concen: 55.745 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

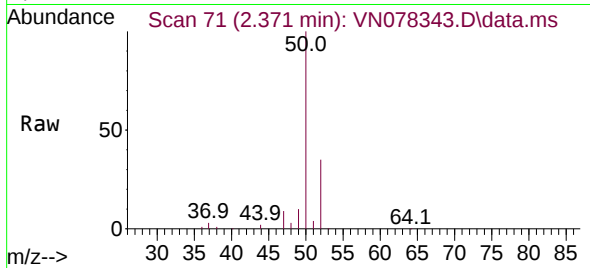
Tgt Ion: 85 Resp: 256137
Ion Ratio Lower Upper
85 100
87 34.9 15.8 47.4





#3
Chloromethane
Concen: 61.825 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

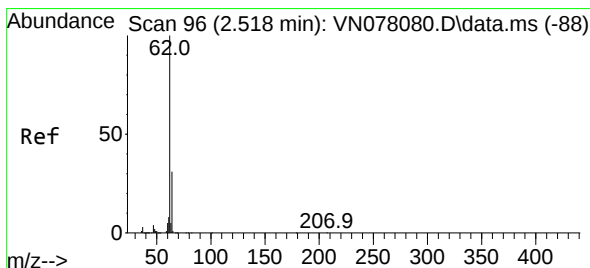
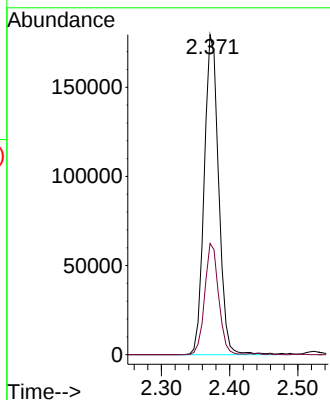
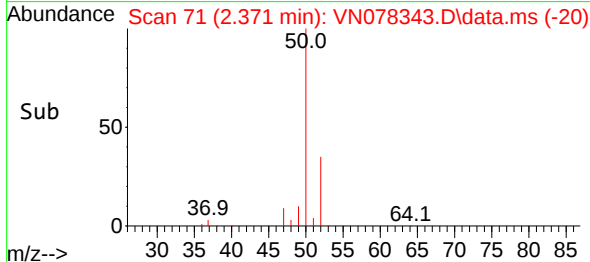
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 26538
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

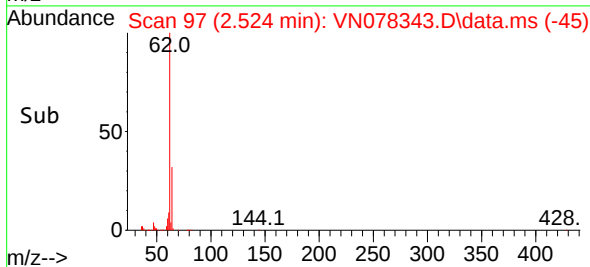
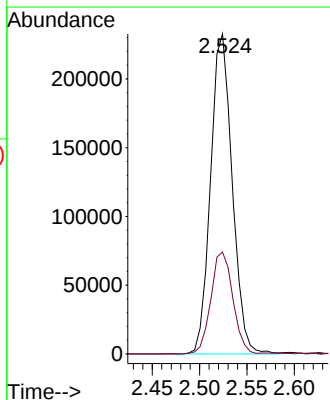
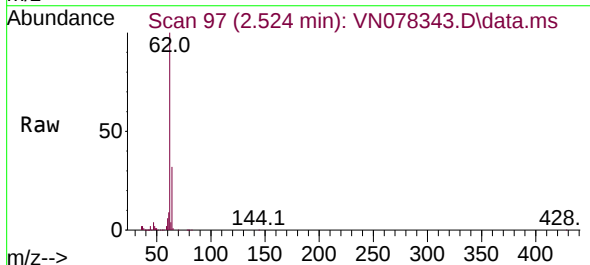
Manual Integrations
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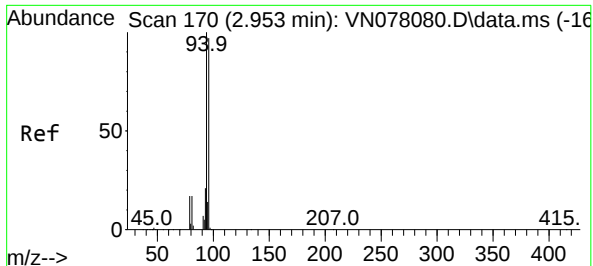
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#4
Vinyl Chloride
Concen: 61.349 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

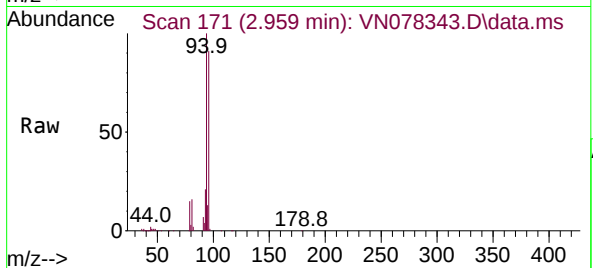
Tgt Ion: 62 Resp: 369114
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 57.620 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

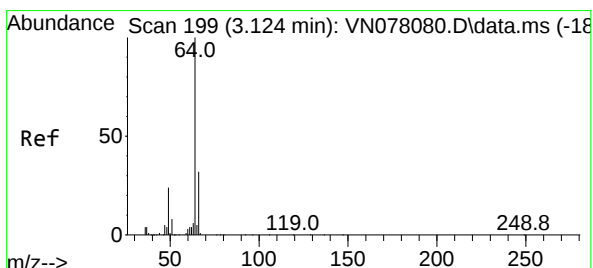
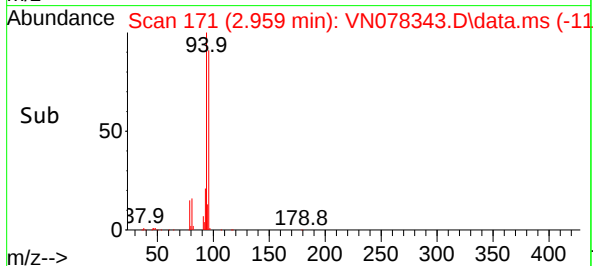
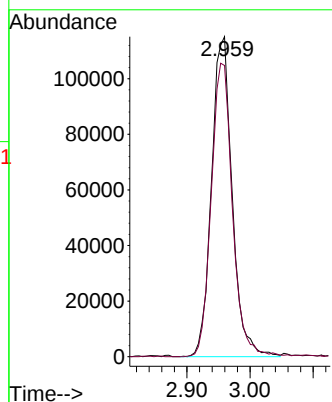
Instrument :
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Tgt Ion: 94 Resp: 261998
Ion Ratio Lower Upper
94 100
96 91.0 73.1 109.7

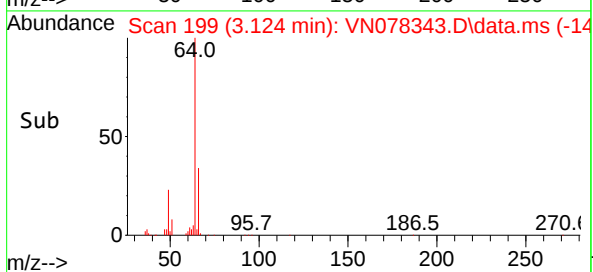
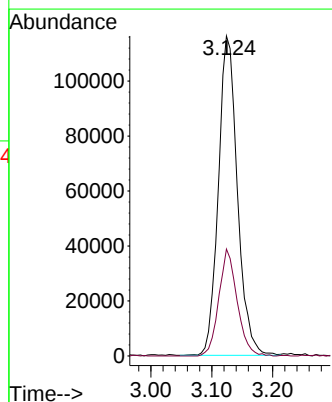
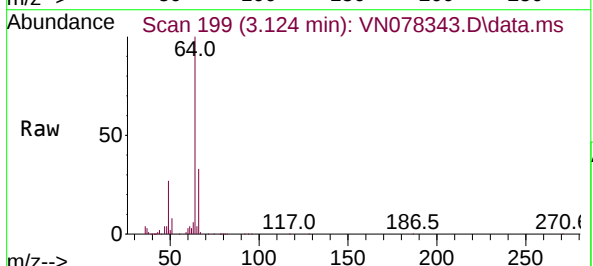
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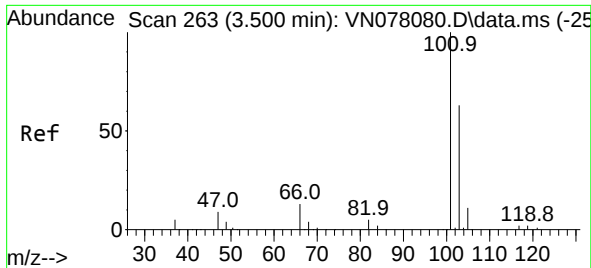
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#6
Chloroethane
Concen: 61.550 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

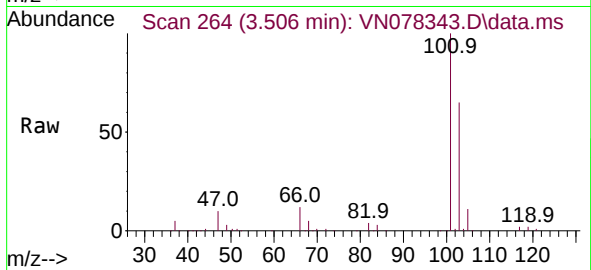
Tgt Ion: 64 Resp: 252447
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 53.491 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

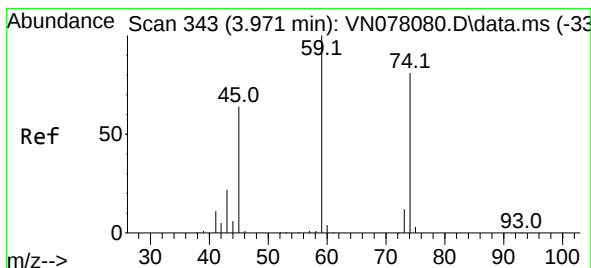
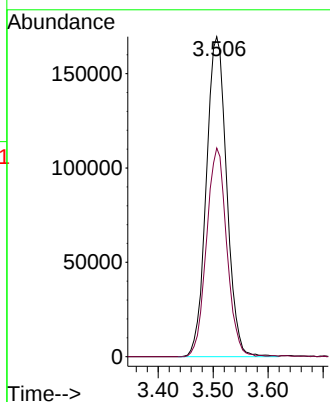
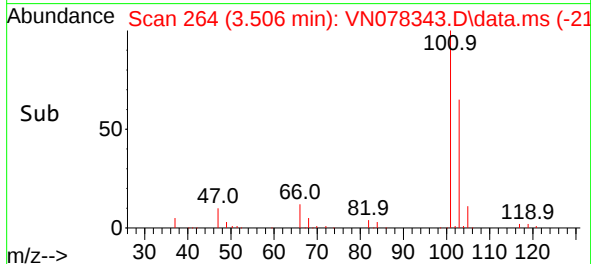
Instrument :
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Tgt Ion:101 Resp: 43643
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1

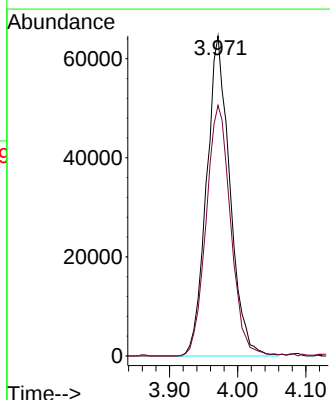
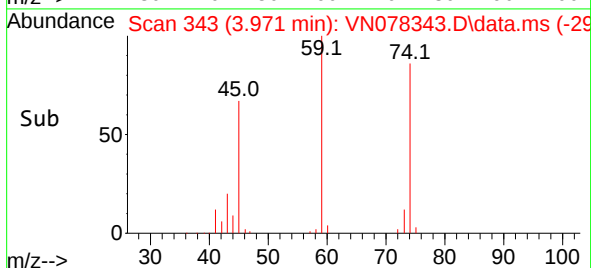
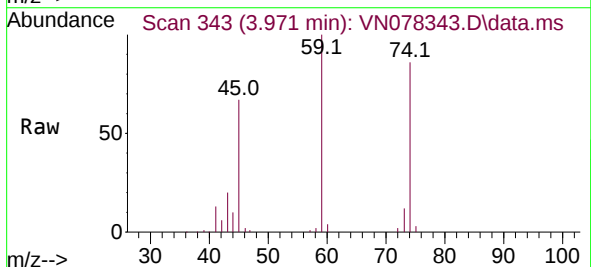
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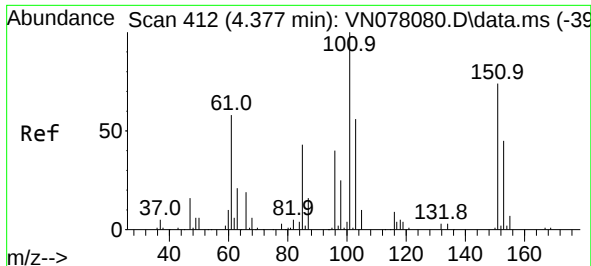
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#8
Diethyl Ether
Concen: 53.606 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion: 74 Resp: 153678
Ion Ratio Lower Upper
74 100
45 82.4 34.4 103.3





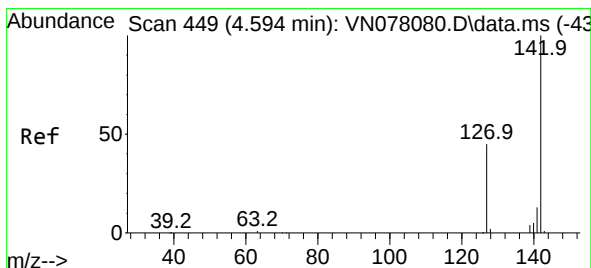
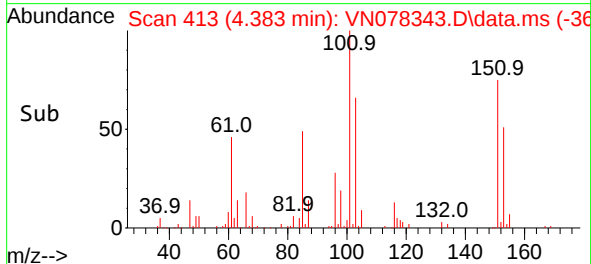
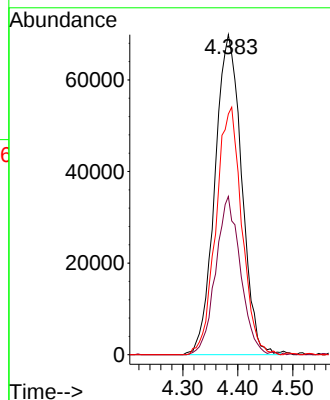
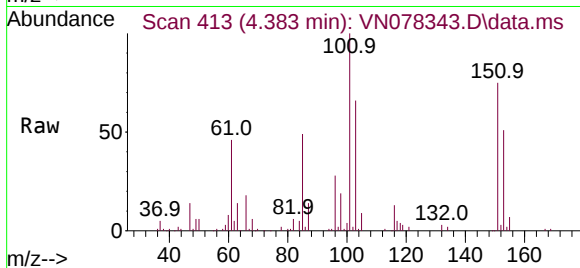
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.808 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 235998
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 74.8 57.6 86.4

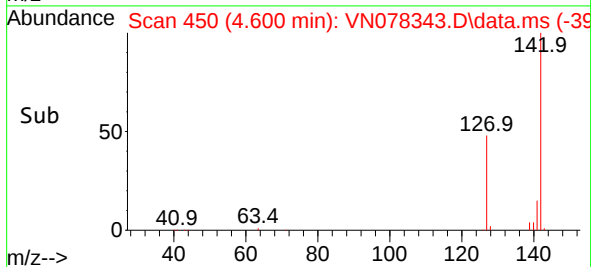
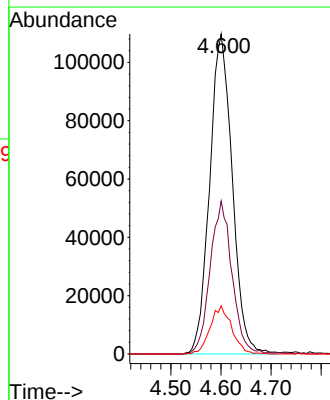
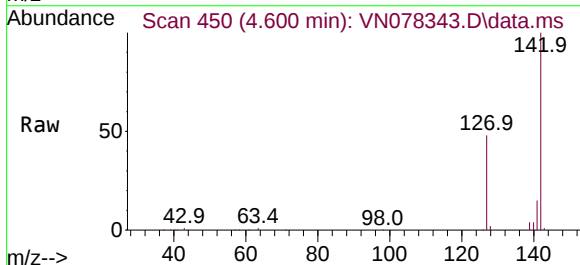
Manual Integrations
APPROVED

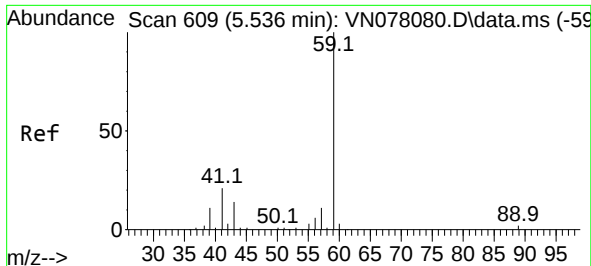
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#10
Methyl Iodide
Concen: 56.436 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion:142 Resp: 343665
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 15.1 11.4 17.0





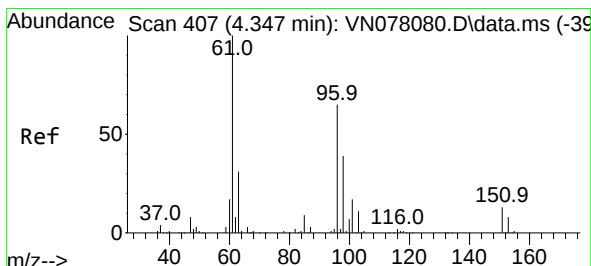
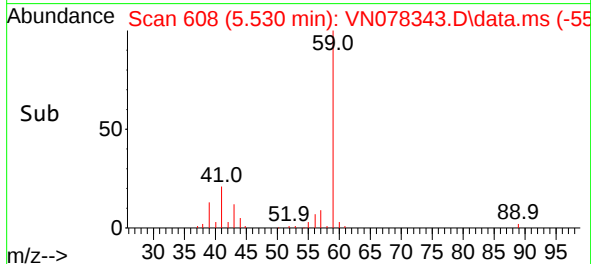
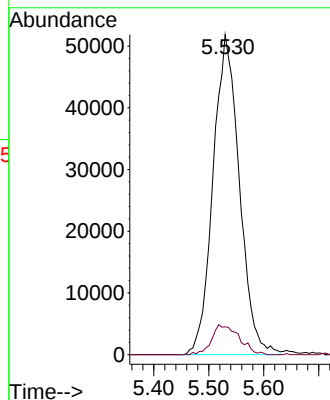
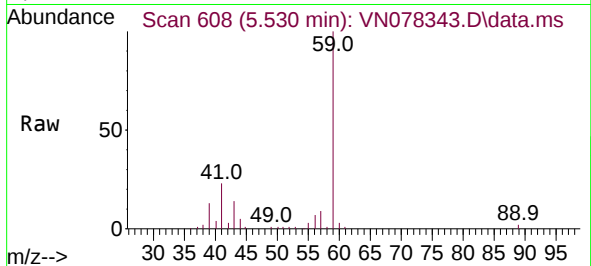
#11
Tert butyl alcohol
Concen: 230.678 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 17262
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

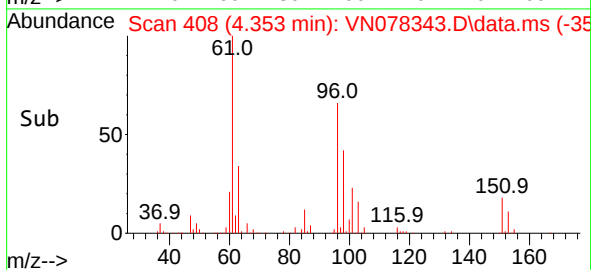
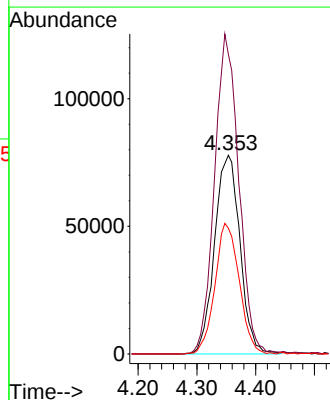
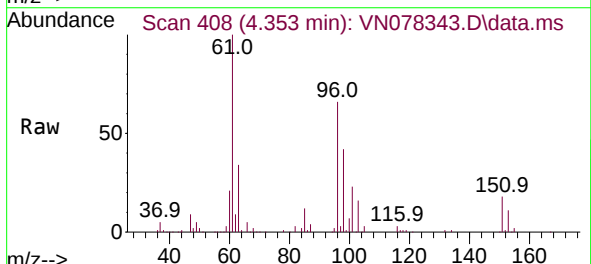
Manual Integrations
APPROVED

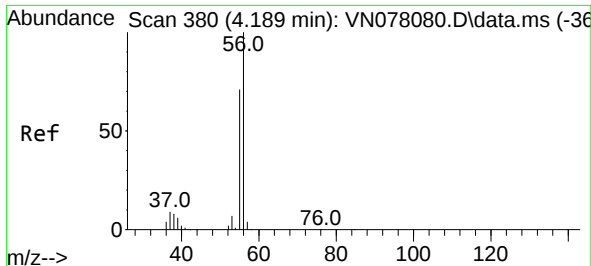
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#12
1,1-Dichloroethene
Concen: 52.663 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion: 96 Resp: 233755
Ion Ratio Lower Upper
96 100
61 150.8 112.7 169.1
98 63.3 51.2 76.8





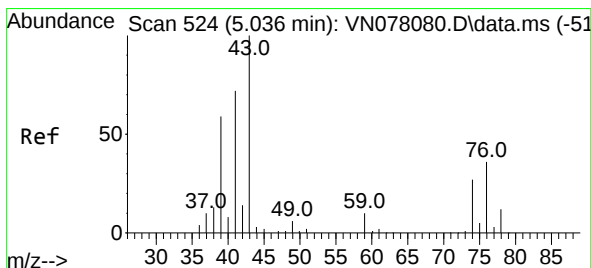
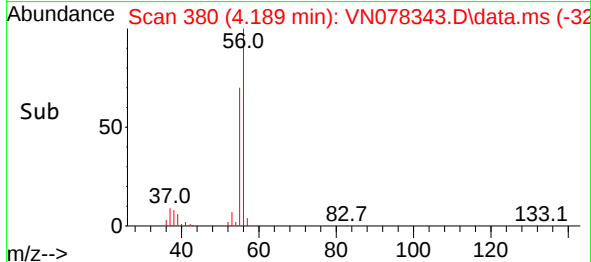
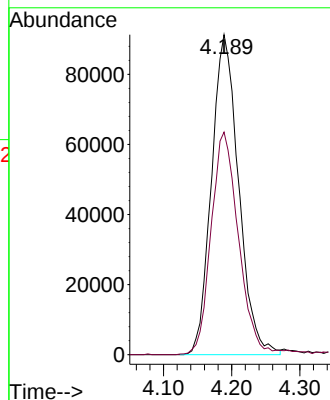
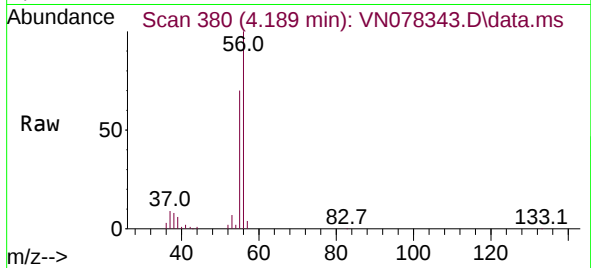
#13
Acrolein
Concen: 306.512 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 25279
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7

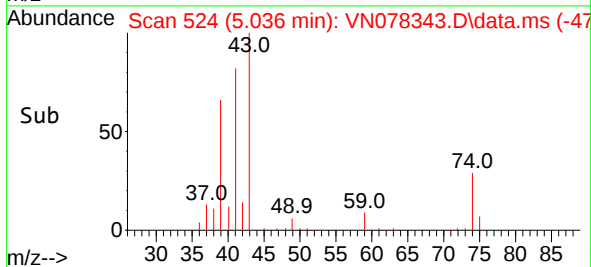
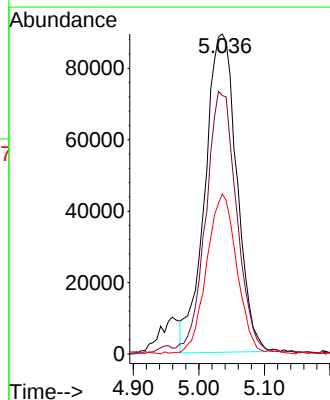
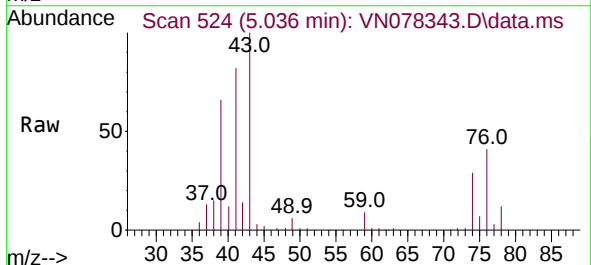
Manual Integrations
APPROVED

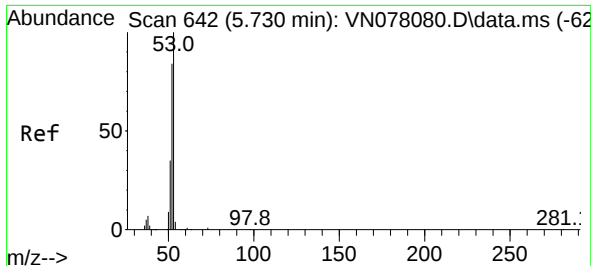
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#14
Allyl chloride
Concen: 55.583 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

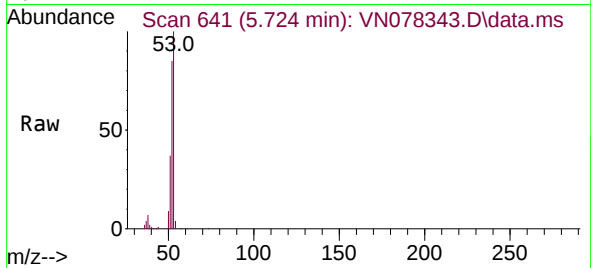
Tgt Ion: 41 Resp: 301166
Ion Ratio Lower Upper
41 100
39 79.4 58.8 88.2
76 48.0 39.1 58.7





#15
Acrylonitrile
Concen: 272.517 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

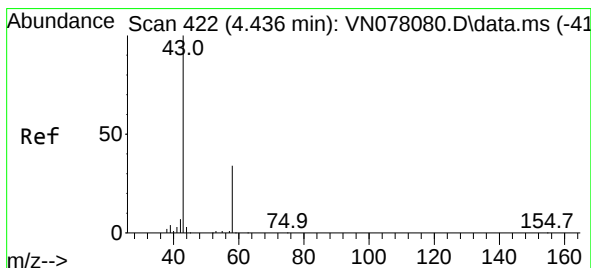
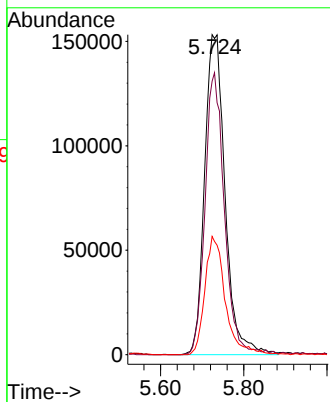
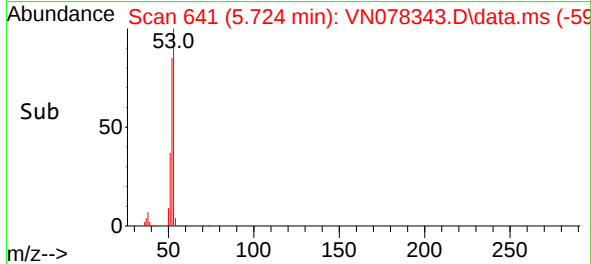
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



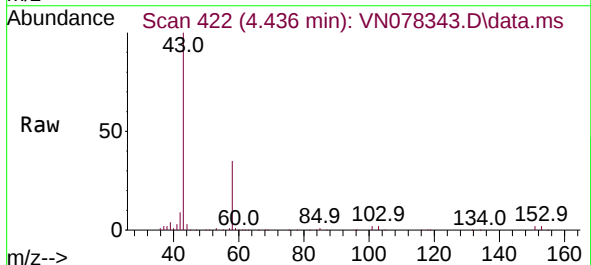
Tgt Ion: 53 Resp: 525769
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.8 28.9 43.3

Manual Integrations
APPROVED

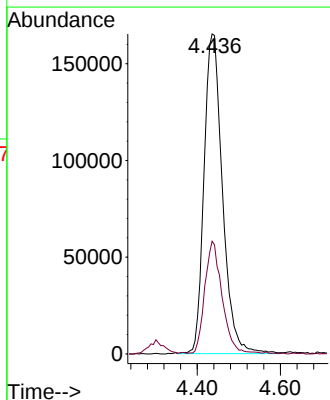
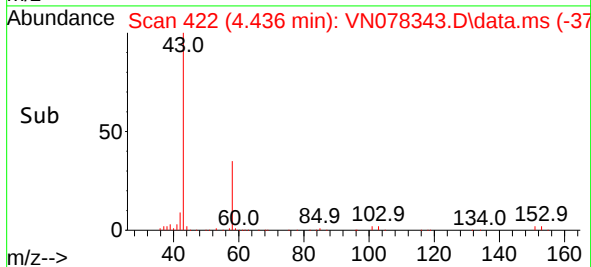
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

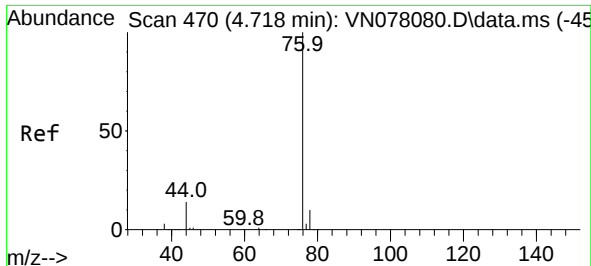


#16
Acetone
Concen: 326.446 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



Tgt Ion: 43 Resp: 509238
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





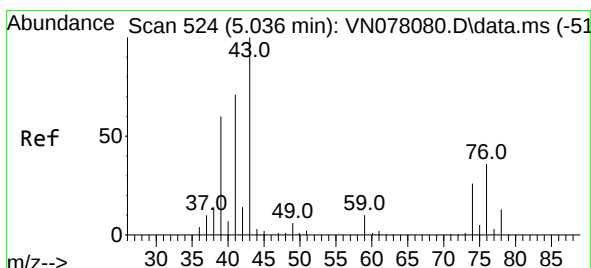
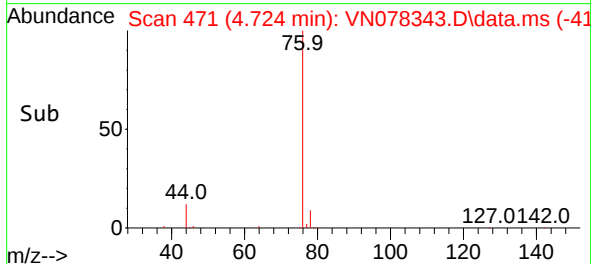
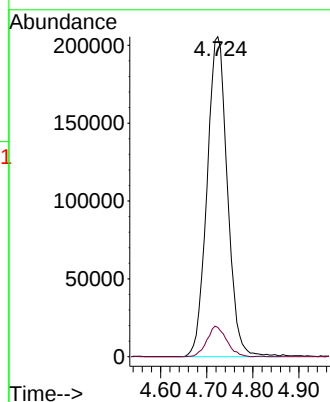
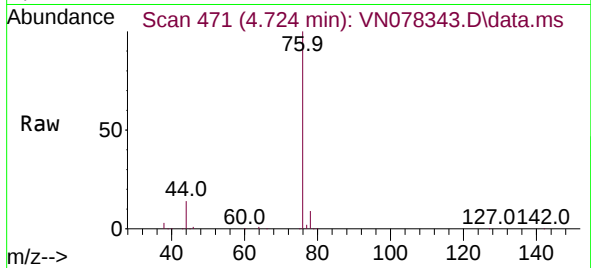
#17
Carbon Disulfide
Concen: 55.337 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 632225
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

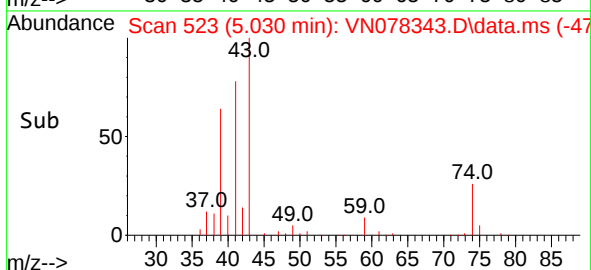
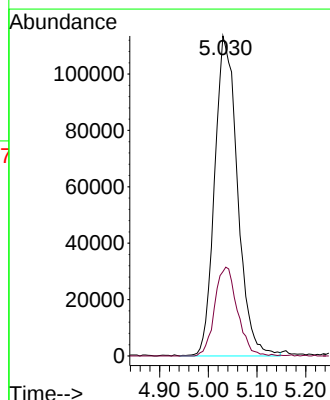
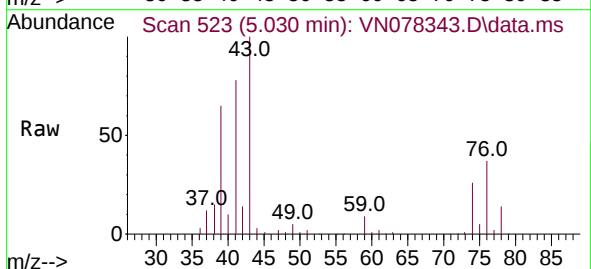
Manual Integrations
APPROVED

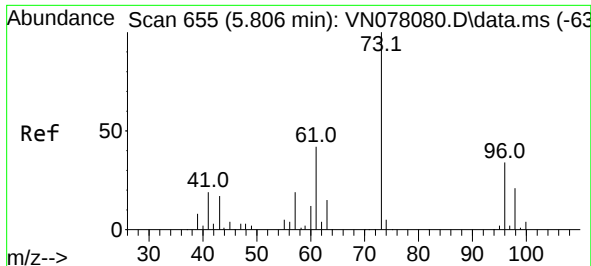
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#18
Methyl Acetate
Concen: 51.575 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion: 43 Resp: 370407
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4





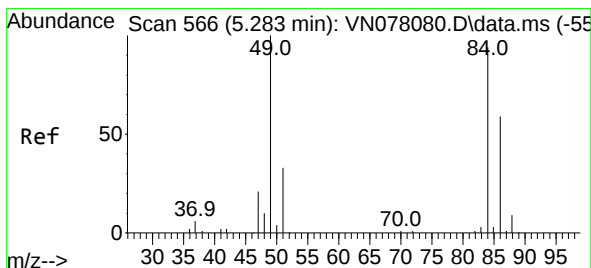
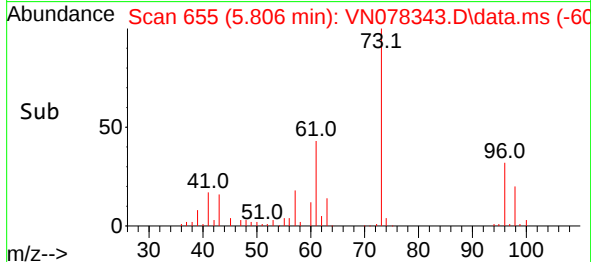
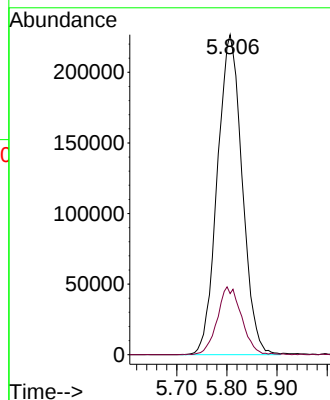
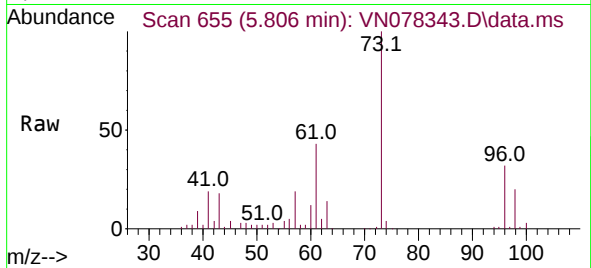
#19
Methyl tert-butyl Ether
Concen: 55.008 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 779020
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4

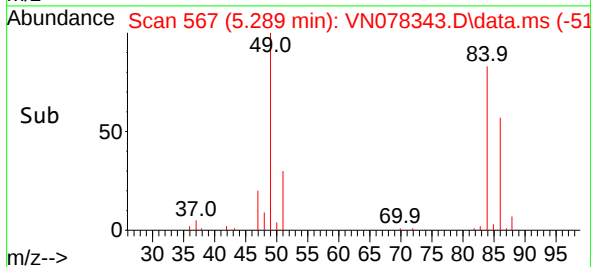
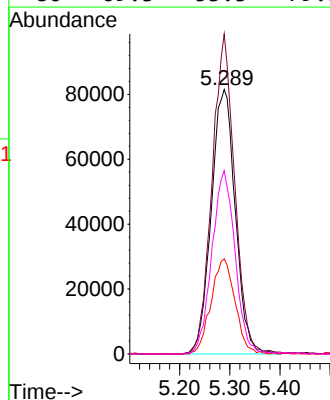
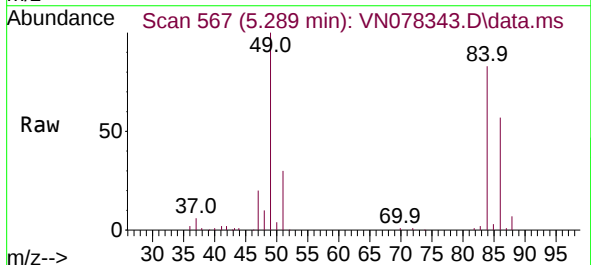
Manual Integrations
APPROVED

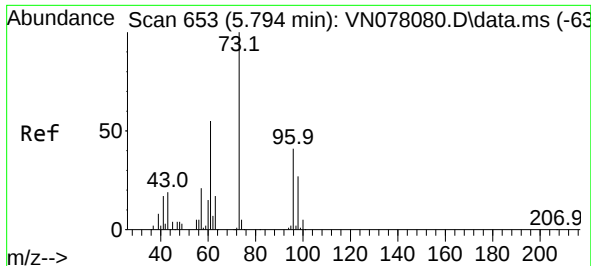
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#20
Methylene Chloride
Concen: 52.685 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

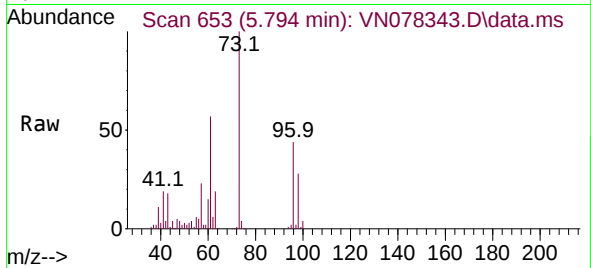
Tgt Ion: 84 Resp: 271589
Ion Ratio Lower Upper
84 100
49 121.0 79.7 119.5#
51 35.9 25.2 37.8
86 69.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 53.814 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

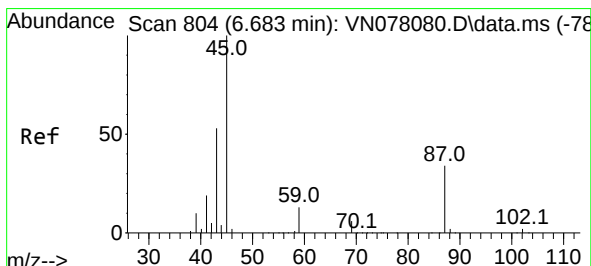
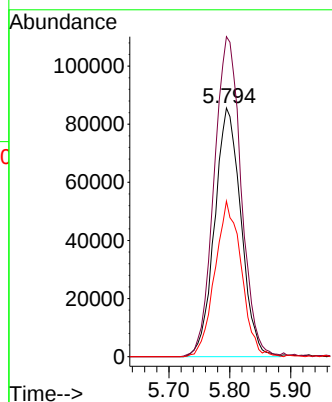
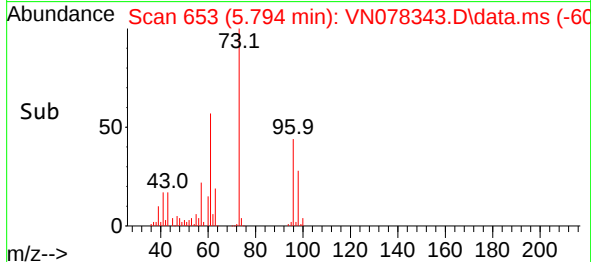
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 257629
Ion Ratio Lower Upper
96 100
61 128.7 90.1 135.1
98 62.6 46.4 69.6

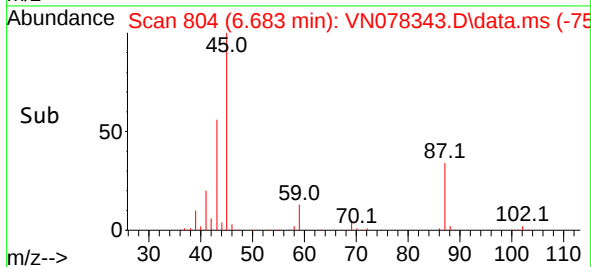
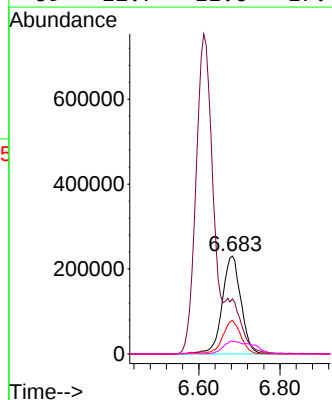
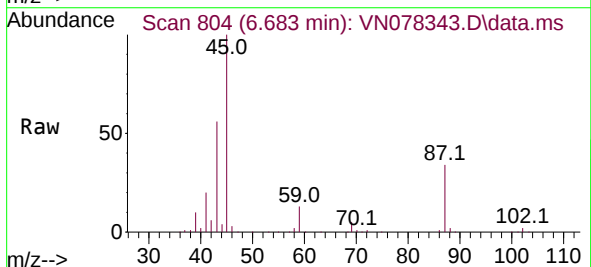
Manual Integrations
APPROVED

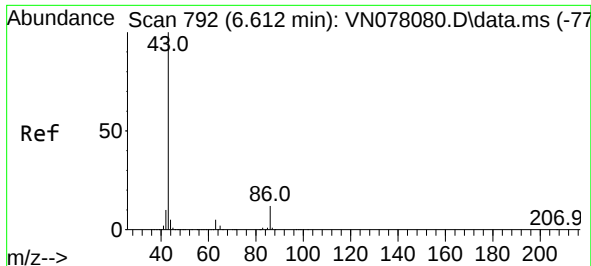
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#22
Diisopropyl ether
Concen: 58.054 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

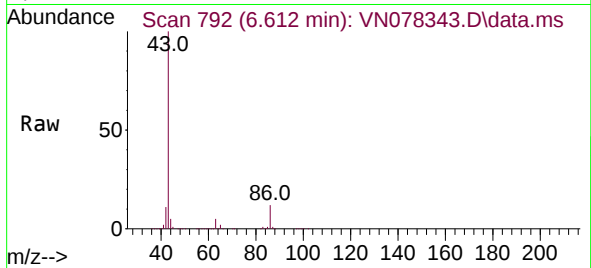
Tgt Ion: 45 Resp: 739906
Ion Ratio Lower Upper
45 100
43 55.2 45.5 68.3
87 34.4 31.8 47.8
59 12.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 292.080 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078343.D
 Acq: 22 Jun 2023 12:06

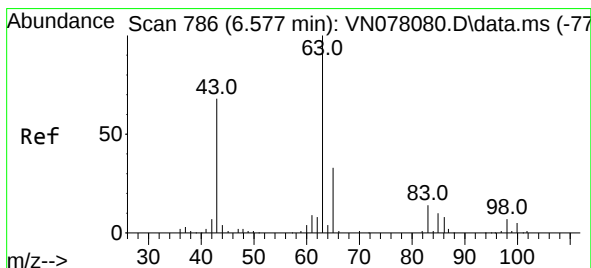
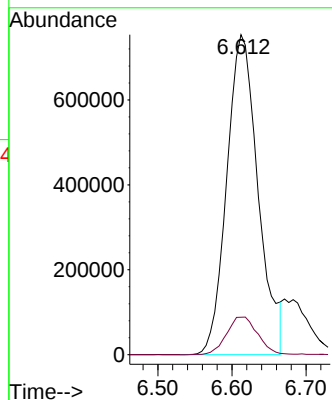
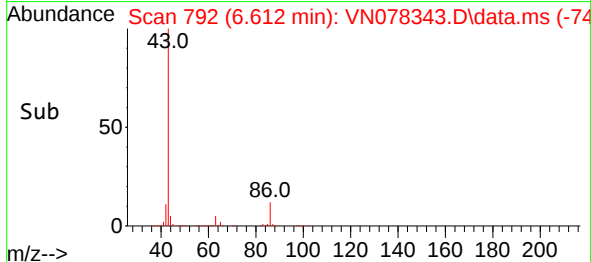
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



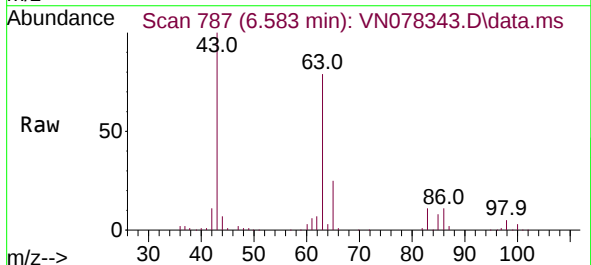
Tgt Ion: 43 Resp: 221288
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

Manual Integrations
 APPROVED

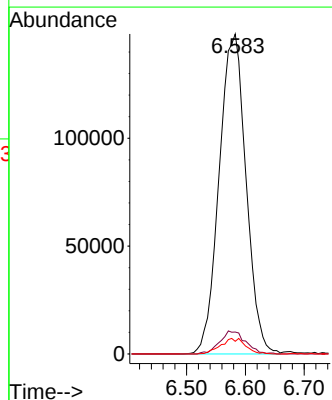
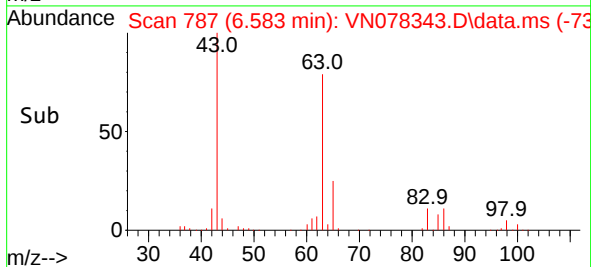
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/23/2023

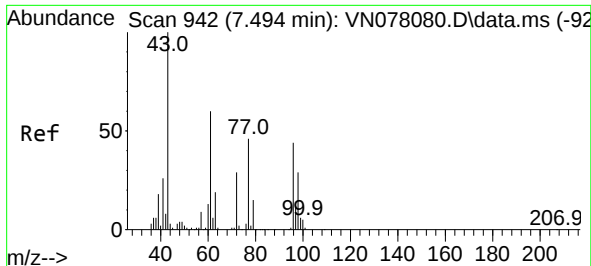


#24
 1,1-Dichloroethane
 Concen: 56.065 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078343.D
 Acq: 22 Jun 2023 12:06



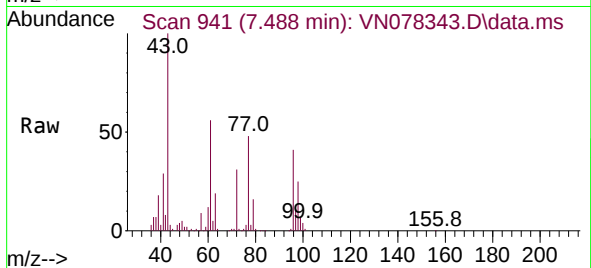
Tgt Ion: 63 Resp: 471377
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 287.230 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

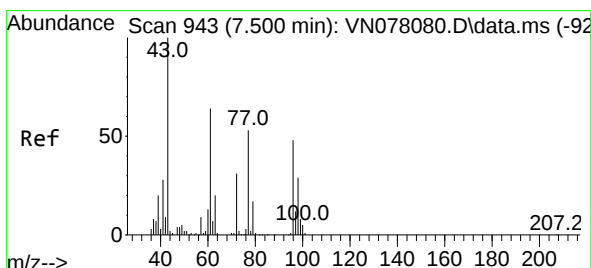
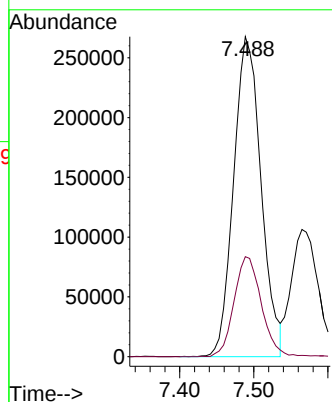
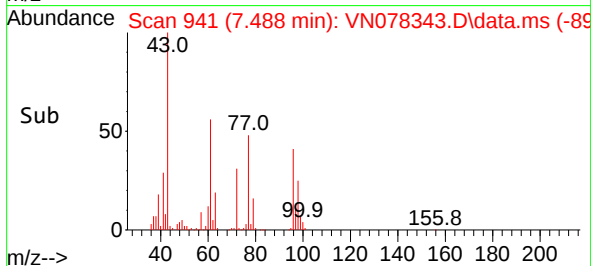
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 689020
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2

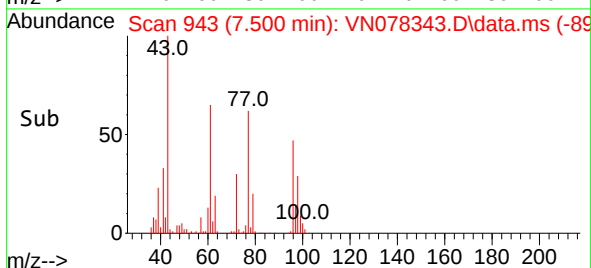
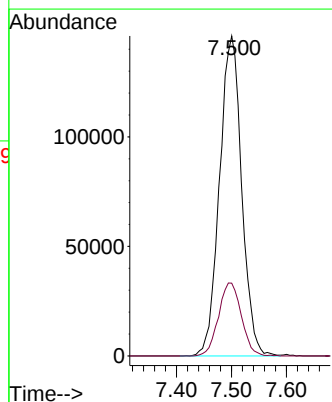
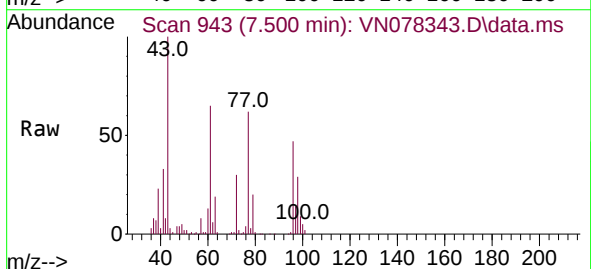
Manual Integrations
APPROVED

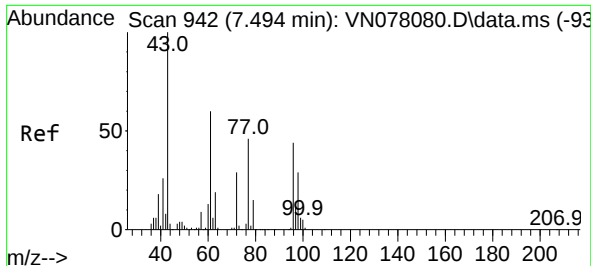
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#26
2,2-Dichloropropane
Concen: 65.878 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion: 77 Resp: 408973
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 54.296 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078343.D

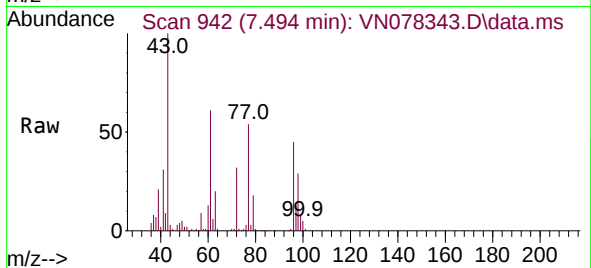
Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



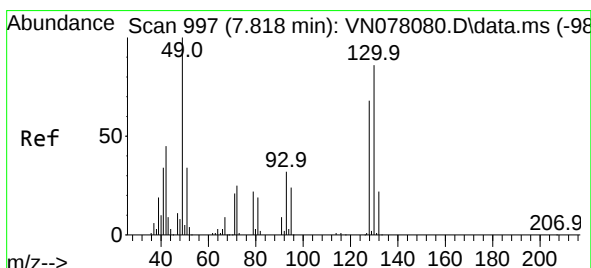
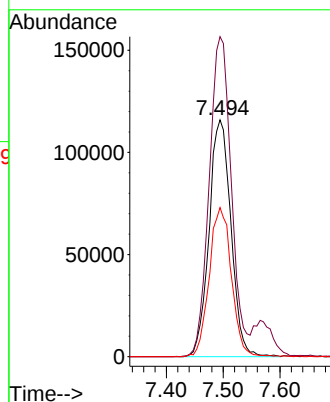
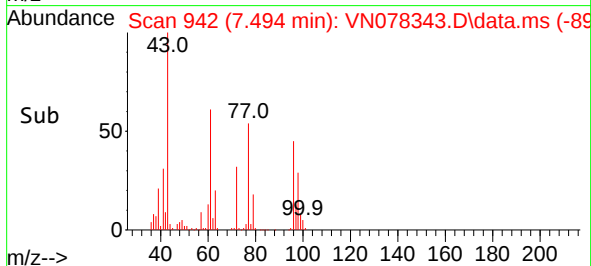
Tgt Ion:	96	Resp:	31059
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	255.2
98	63.8	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#28

Bromochloromethane

Concen: 54.498 ug/l

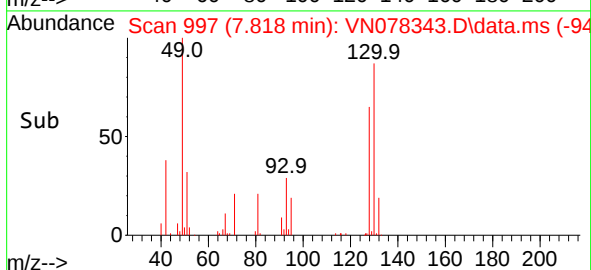
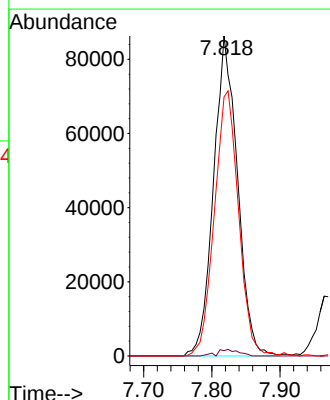
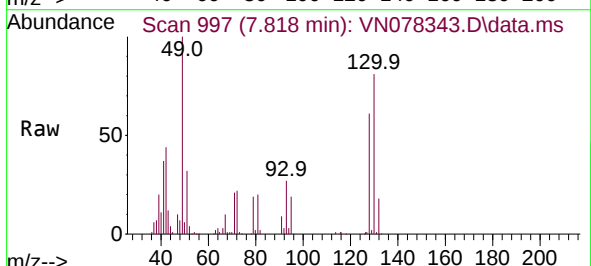
RT: 7.818 min Scan# 997

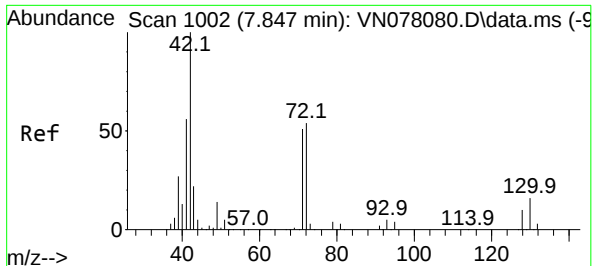
Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Tgt Ion:	49	Resp:	210379
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	83.6	75.3	112.9





#29

Tetrahydrofuran

Concen: 267.580 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 429100

Ion Ratio Lower Upper

42 100

72 50.9 49.8 74.6

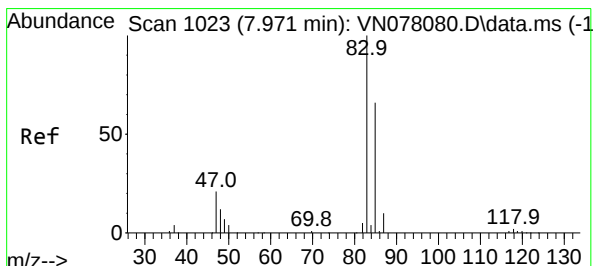
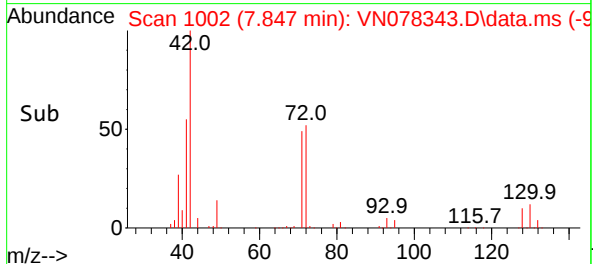
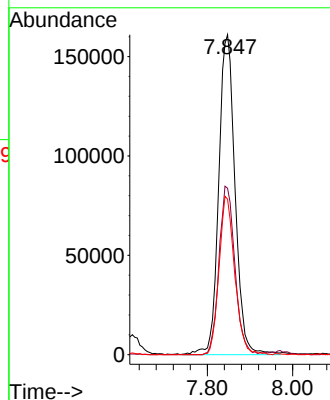
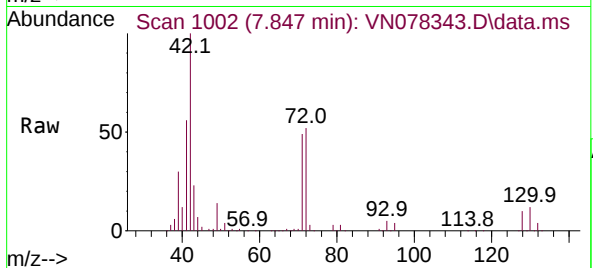
71 47.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#30

Chloroform

Concen: 55.980 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078343.D

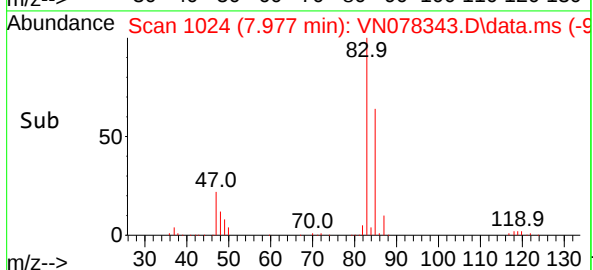
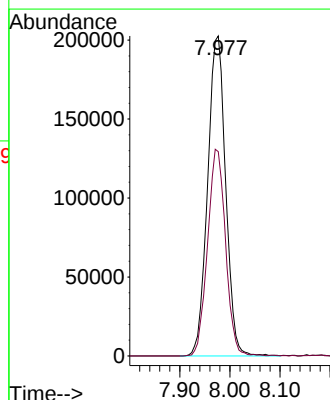
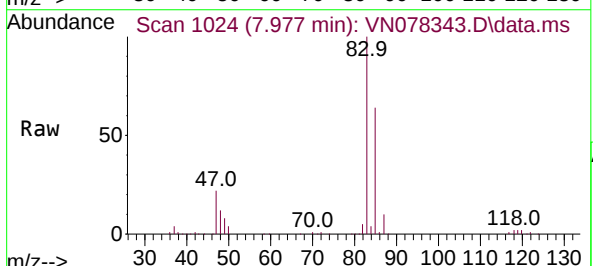
Acq: 22 Jun 2023 12:06

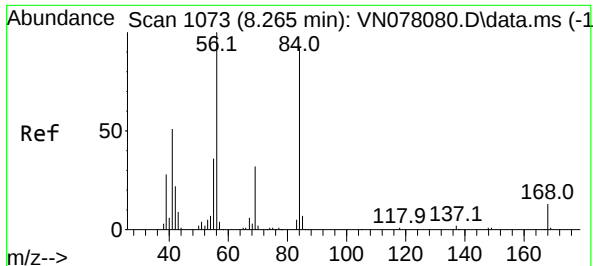
Tgt Ion: 83 Resp: 506817

Ion Ratio Lower Upper

83 100

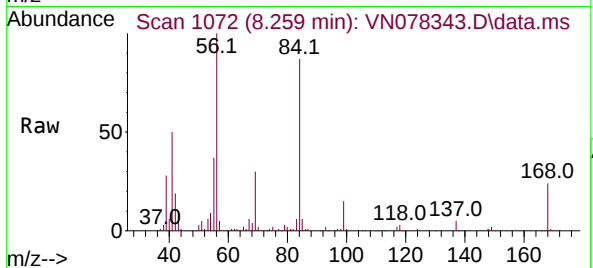
85 63.9 55.4 83.0





#31
Cyclohexane
Concen: 52.801 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

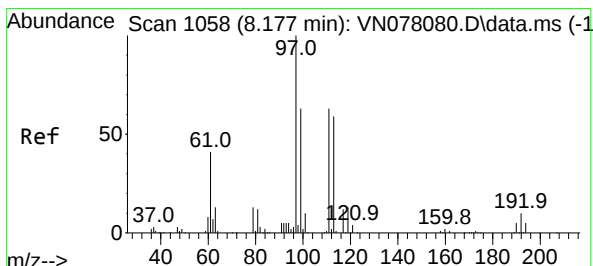
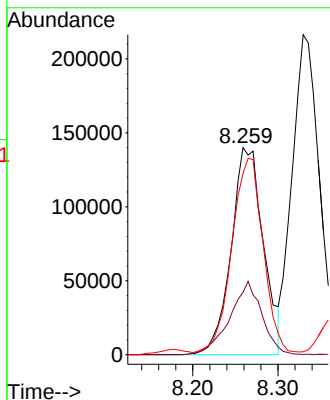
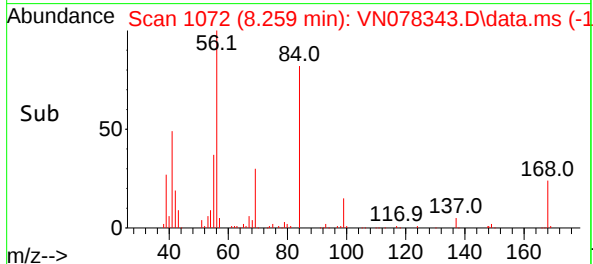
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



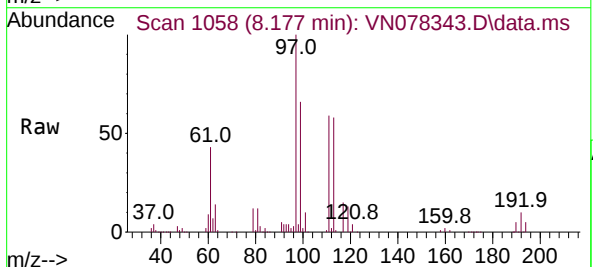
Tgt Ion: 56 Resp: 367074
Ion Ratio Lower Upper
56 100
69 30.1 26.8 40.2
84 85.1 81.8 122.6

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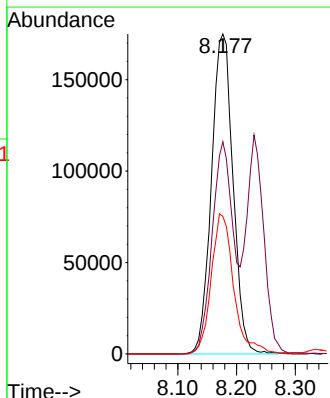
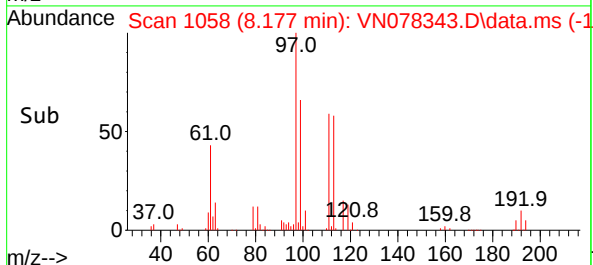
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

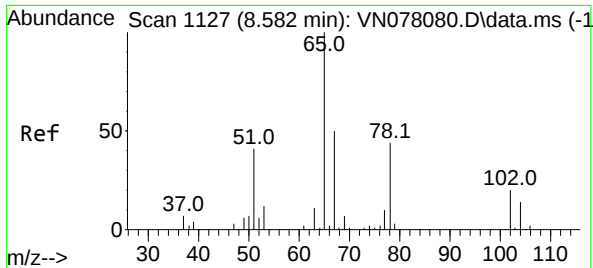


#32
1,1,1-Trichloroethane
Concen: 56.143 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



Tgt Ion: 97 Resp: 446245
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 45.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.931 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 28144

Ion Ratio Lower Upper

65 100

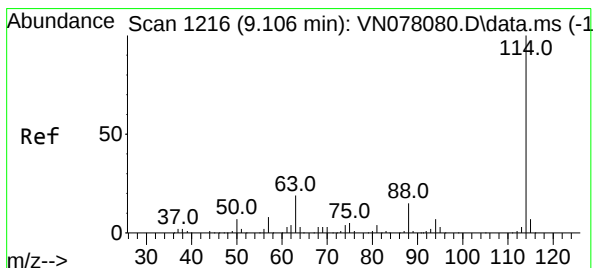
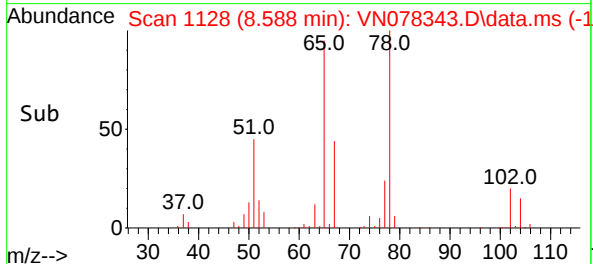
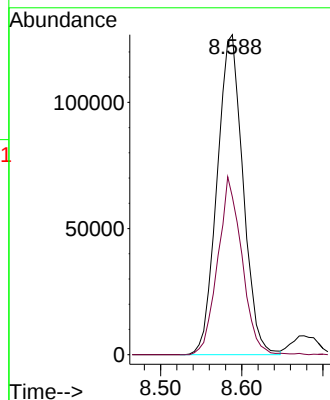
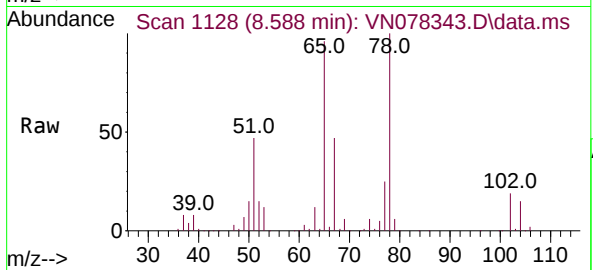
67 51.9 0.0 106.6

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: VN078343.D

Acq: 22 Jun 2023 12:06

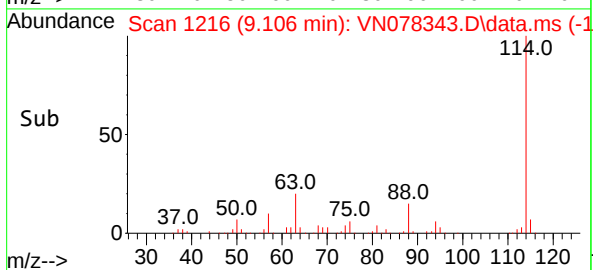
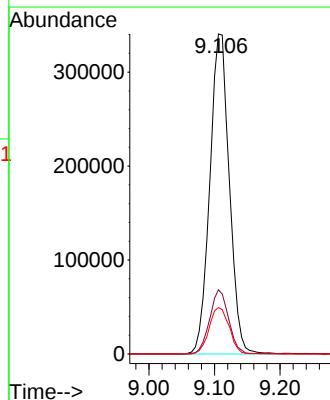
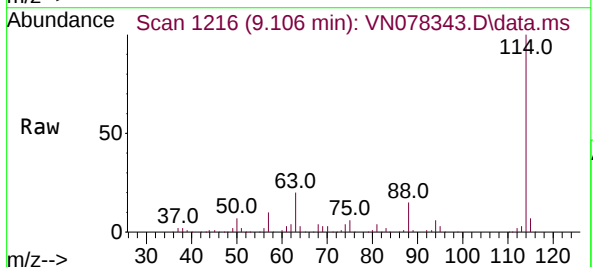
Tgt Ion:114 Resp: 703855

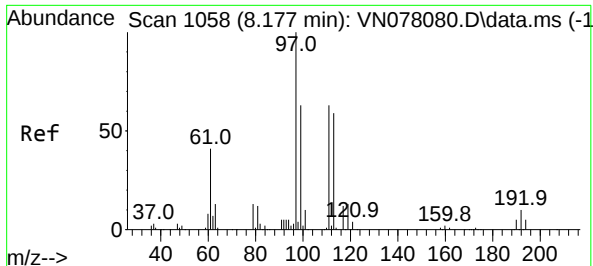
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

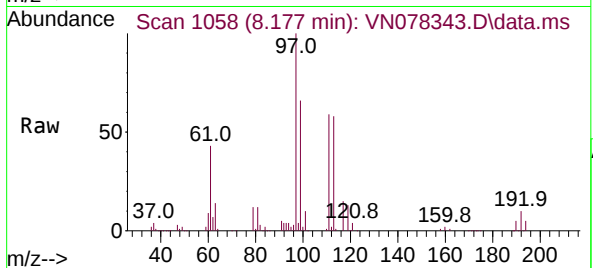
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.767 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

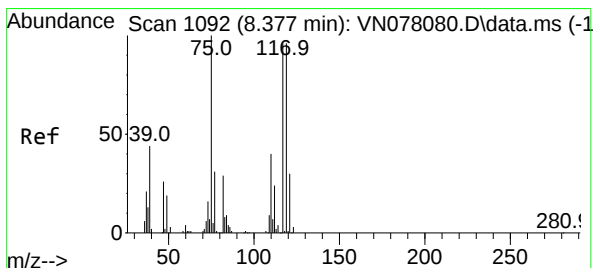
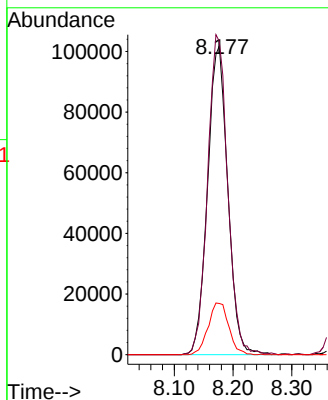
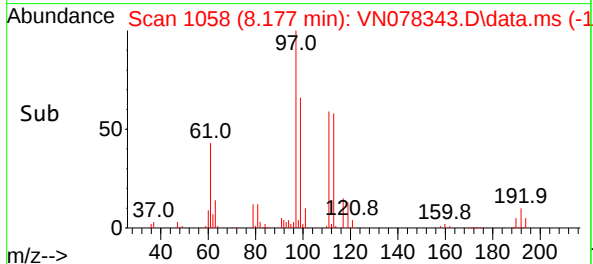
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



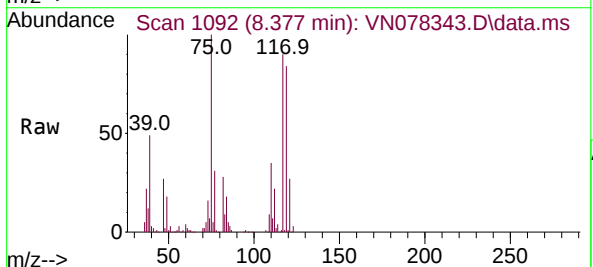
Tgt Ion: 113 Resp: 243735
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.1 12.7 19.1

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APPROVED

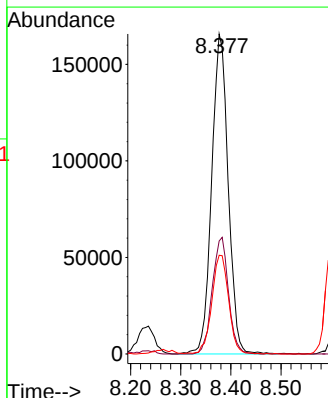
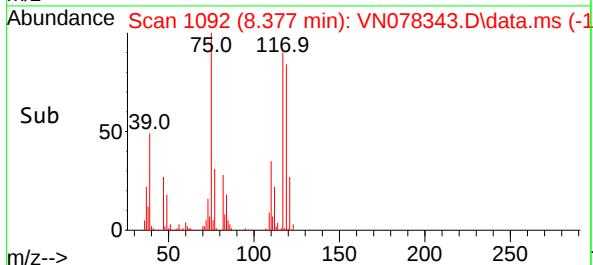
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

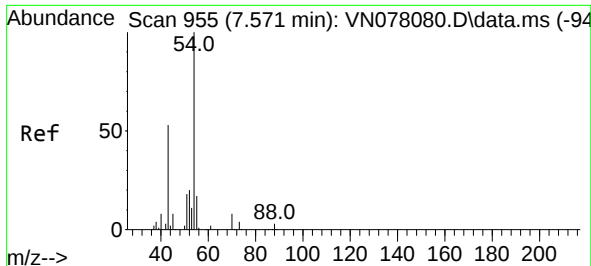


#36
1,1-Dichloropropene
Concen: 59.520 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



Tgt Ion: 75 Resp: 379948
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 54.963 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 27409

Ion Ratio Lower Upper

43 100

61 14.2 13.2 19.8

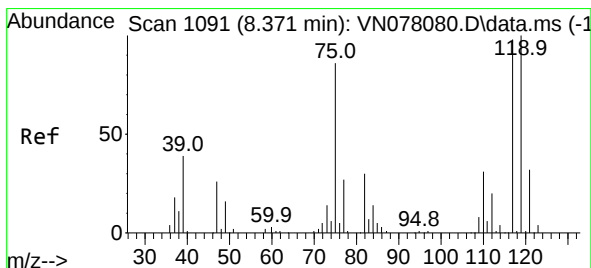
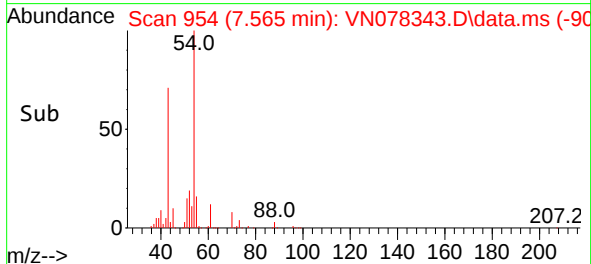
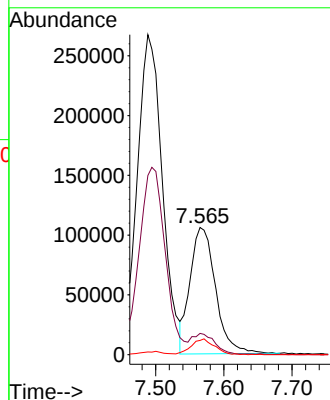
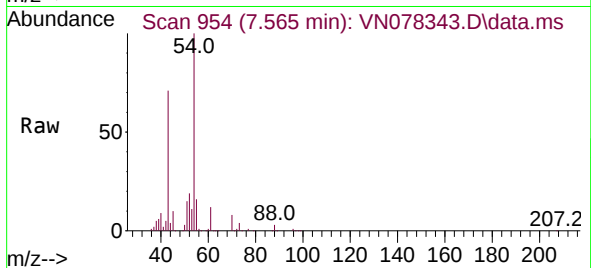
70 11.3 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#38

Carbon Tetrachloride

Concen: 59.876 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

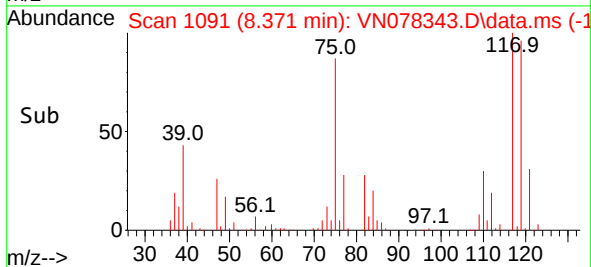
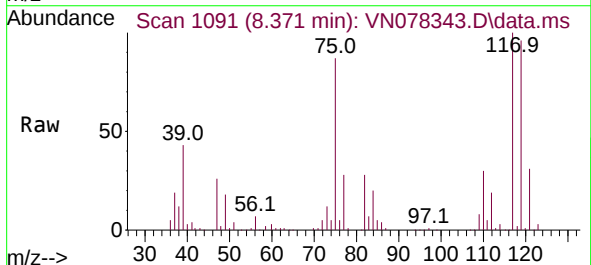
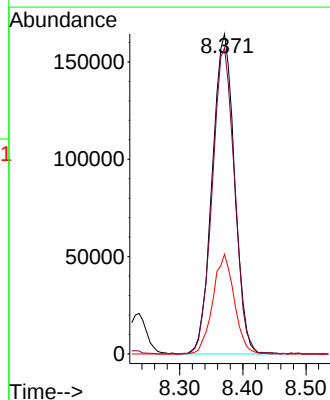
Tgt Ion:117 Resp: 403589

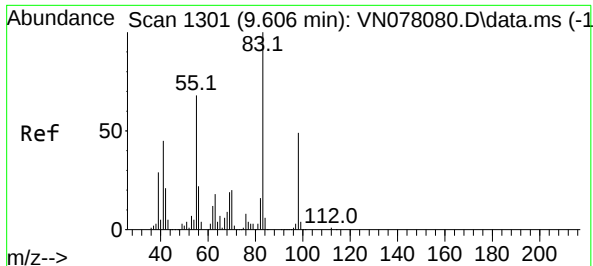
Ion Ratio Lower Upper

117 100

119 95.6 77.3 115.9

121 31.2 23.3 34.9





#39

Methylcyclohexane

Concen: 51.604 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

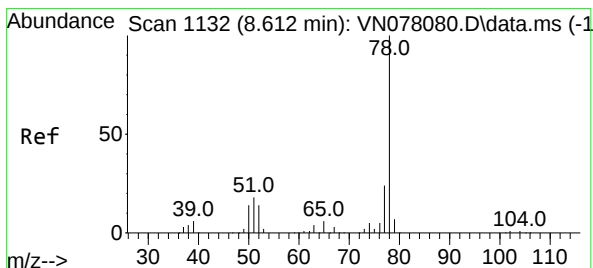
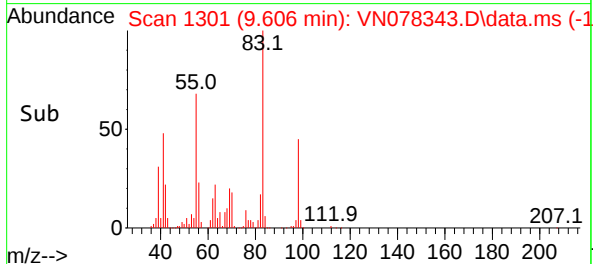
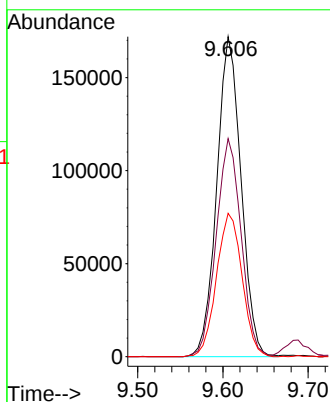
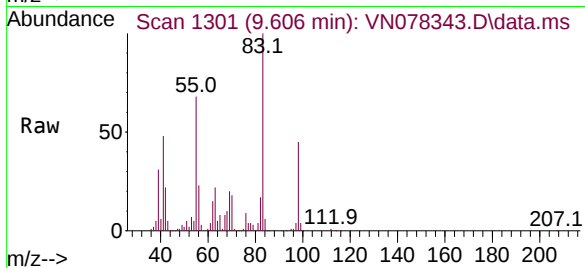
VSTDCCC050

Tgt Ion: 83 Resp: 341388
 Ion Ratio Lower Upper
 83 100
 55 68.2 49.1 73.7
 98 44.8 40.6 61.0

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 58.548 ug/l

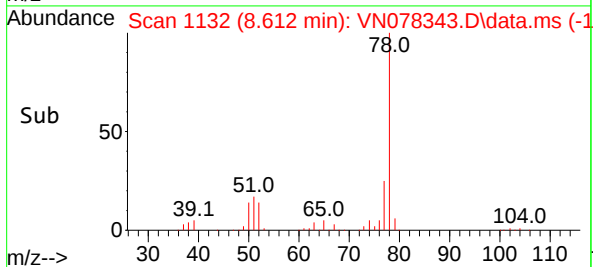
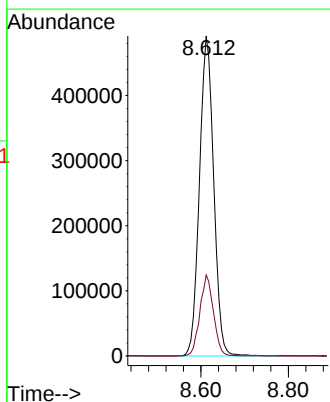
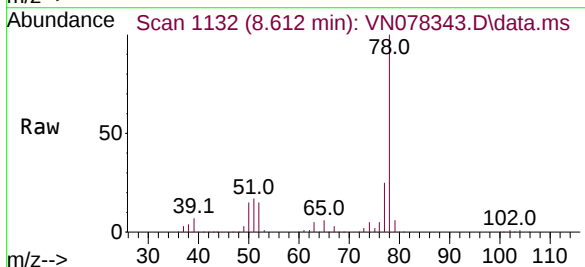
RT: 8.612 min Scan# 1132

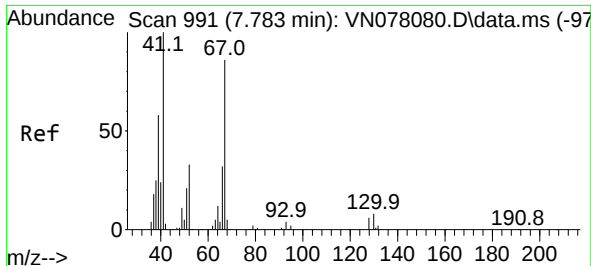
Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

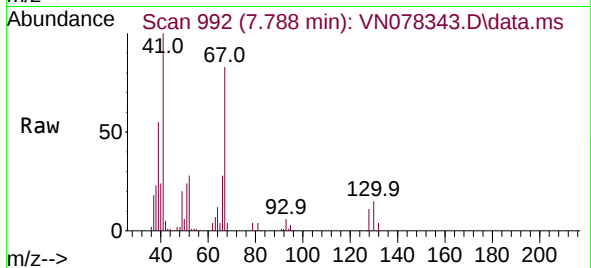
Tgt Ion: 78 Resp: 1115778
 Ion Ratio Lower Upper
 78 100
 77 25.3 19.0 28.6





#41
Methacrylonitrile
Concen: 55.532 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

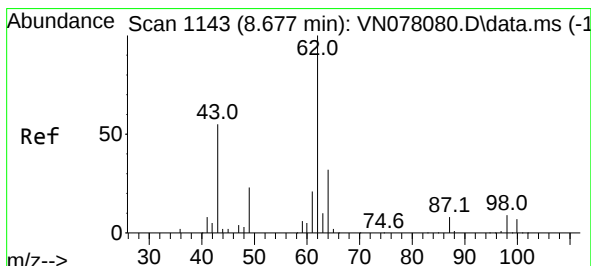
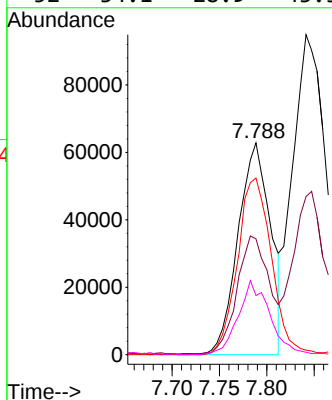
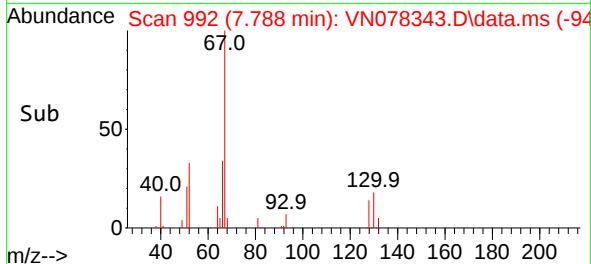
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 15010
Ion Ratio Lower Upper
41 100
39 55.3 42.6 64.0
67 87.3 77.5 116.3
52 34.1 28.9 43.3

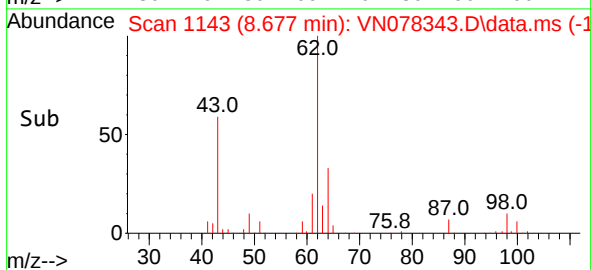
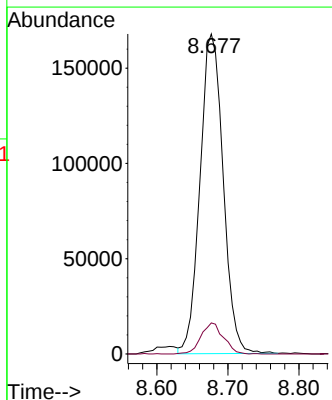
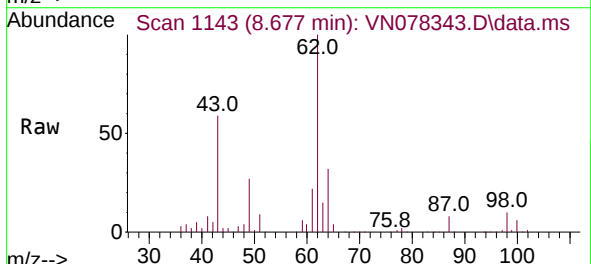
Manual Integrations
APPROVED

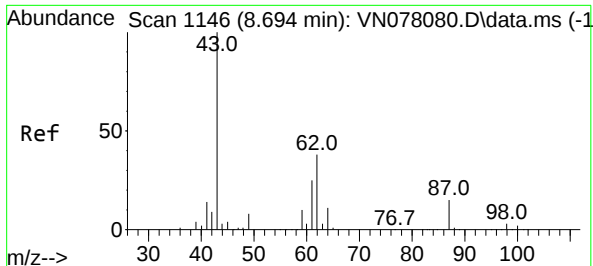
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#42
1,2-Dichloroethane
Concen: 58.286 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion: 62 Resp: 380858
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





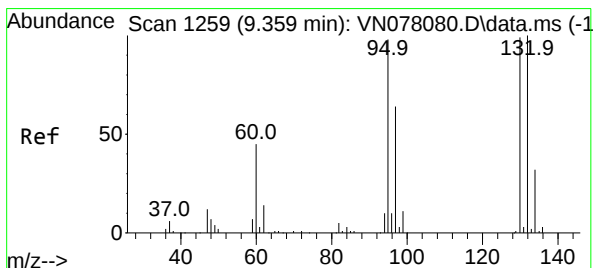
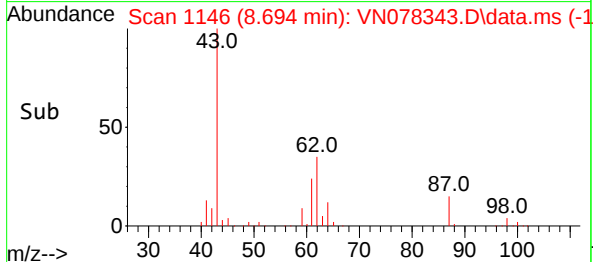
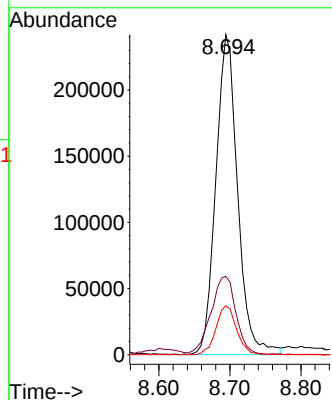
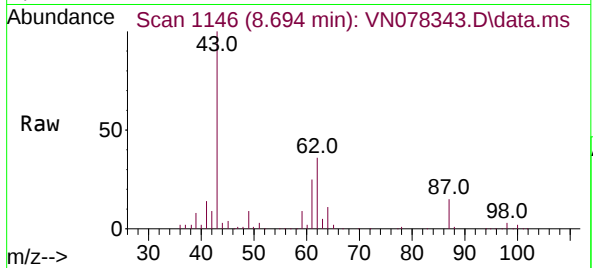
#43
Isopropyl Acetate
Concen: 54.034 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 51532
Ion Ratio Lower Upper
43 100
61 27.9 24.7 37.1
87 14.4 14.6 21.8

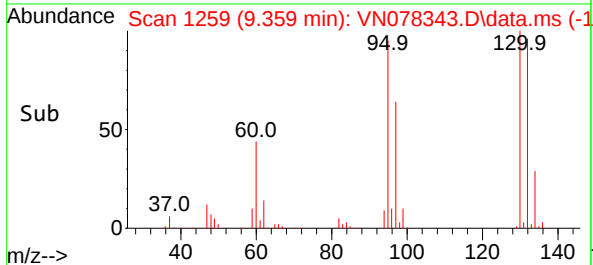
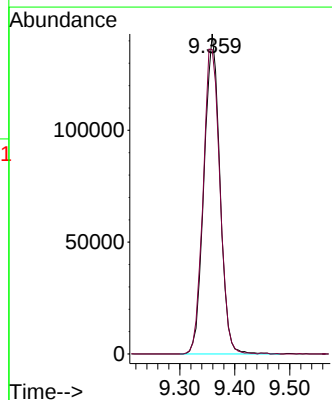
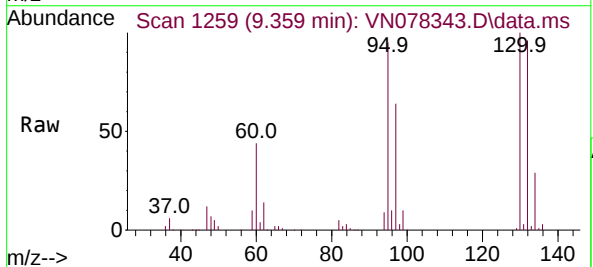
Manual Integrations
APPROVED

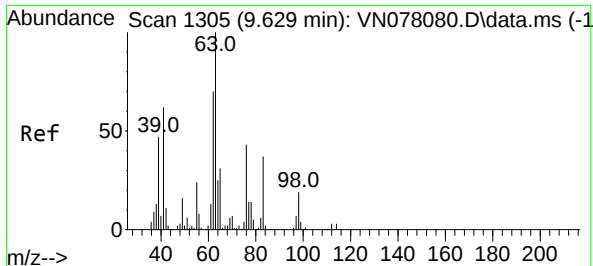
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#44
Trichloroethene
Concen: 56.898 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion:130 Resp: 286364
Ion Ratio Lower Upper
130 100
95 95.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 59.501 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 28212

Ion Ratio Lower Upper

63 100

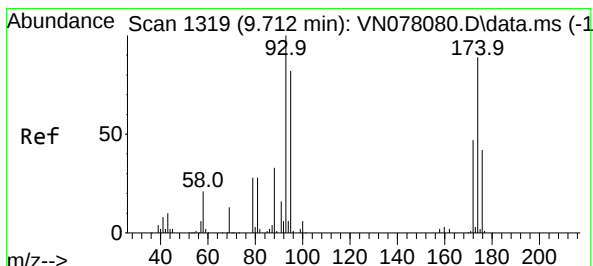
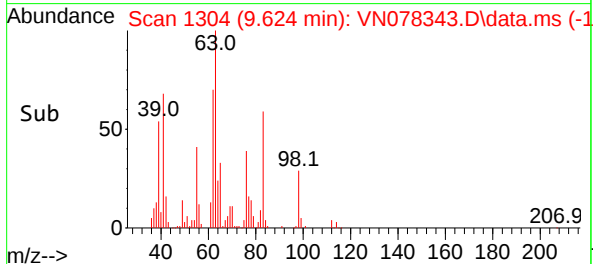
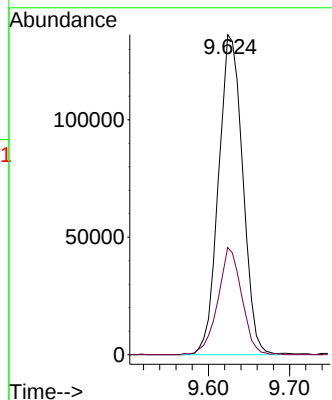
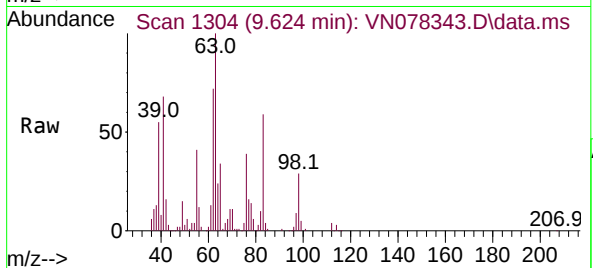
65 33.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#46

Dibromomethane

Concen: 57.075 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

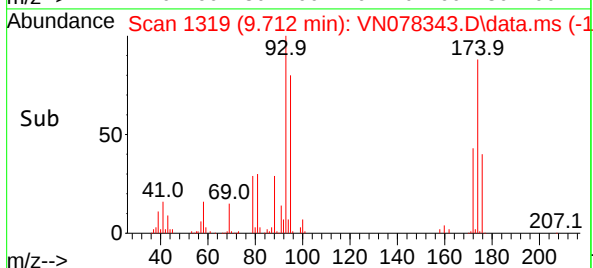
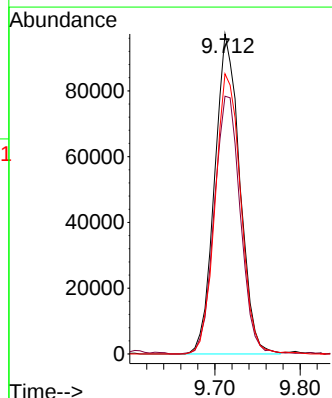
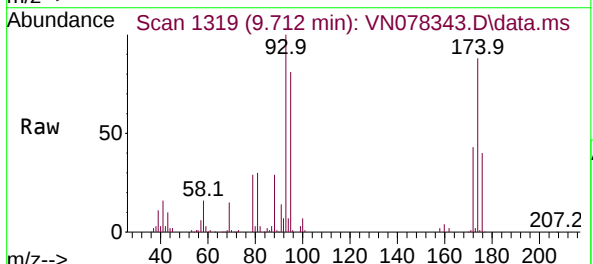
Tgt Ion: 93 Resp: 199332

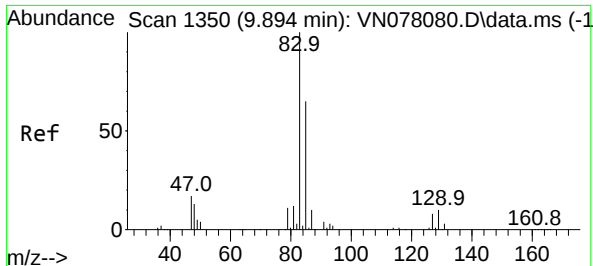
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

174 89.2 65.6 98.4





#47

Bromodichloromethane

Concen: 62.315 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 404260

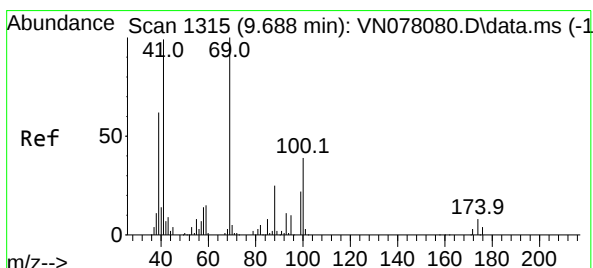
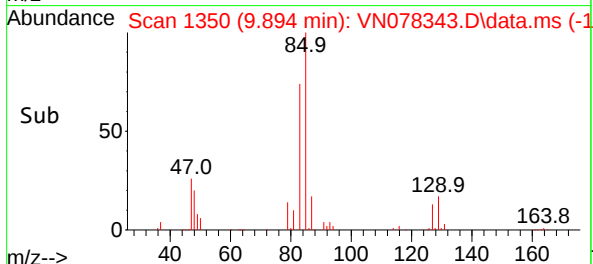
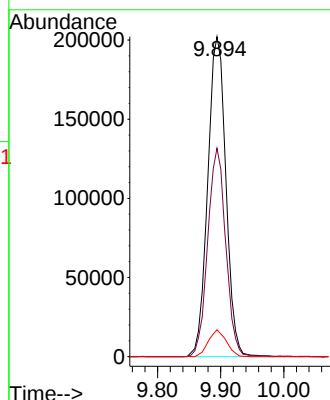
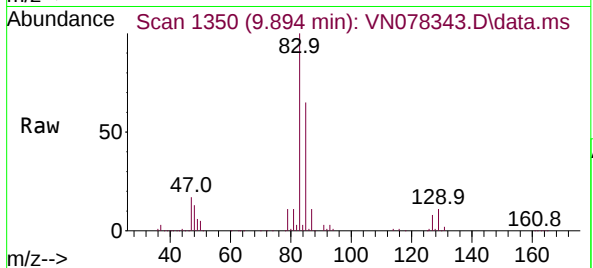
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.6	74.4
127	8.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#48

Methyl methacrylate

Concen: 56.745 ug/l

RT: 9.688 min Scan# 1315

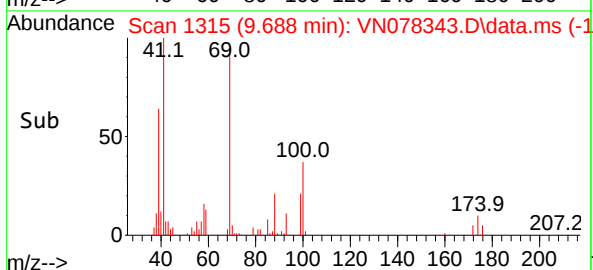
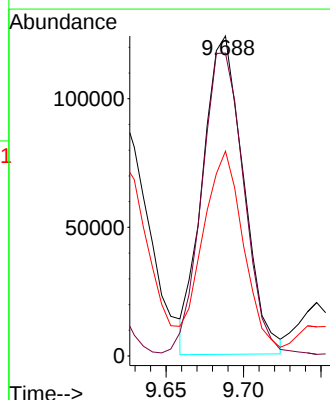
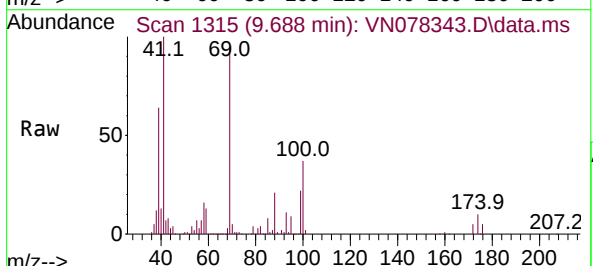
Delta R.T. 0.000 min

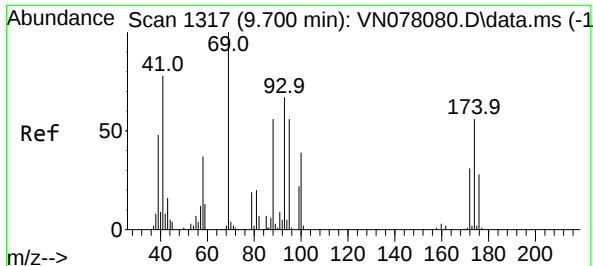
Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Tgt Ion: 41 Resp: 227110

Ion	Ratio	Lower	Upper
41	100		
69	100.1	90.4	135.6
39	64.4	54.6	81.8





#49

1,4-Dioxane

Concen: 956.140 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

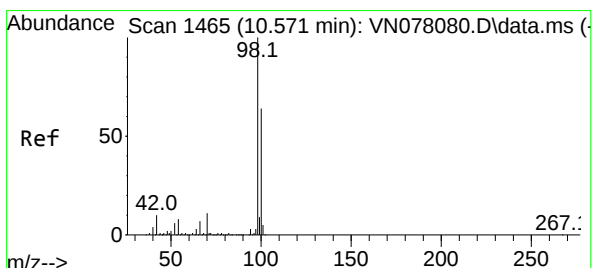
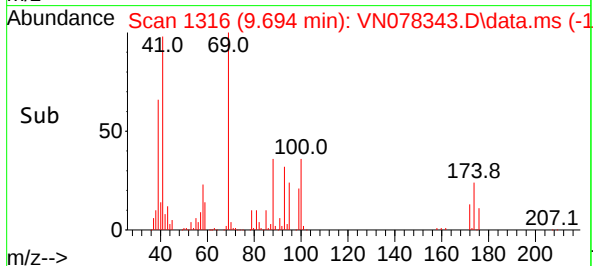
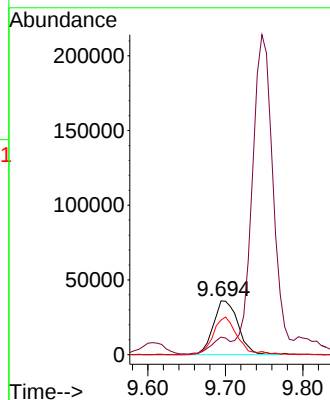
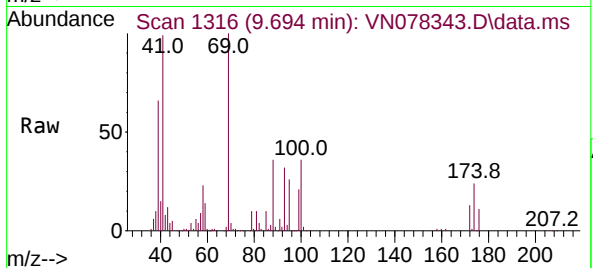
Tgt Ion:	88	Resp:	80430
Ion Ratio	Lower	Upper	
88	100		
43	22.8	17.0	25.6
58	67.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#50

Toluene-d8

Concen: 51.628 ug/l

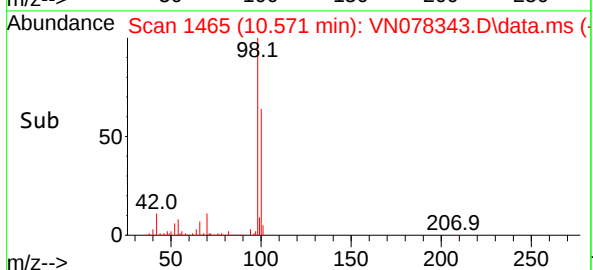
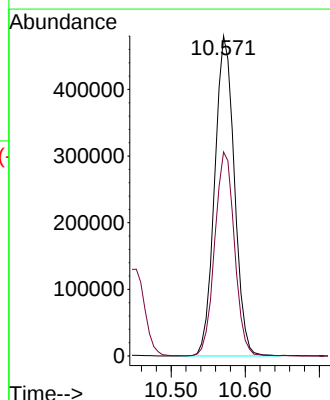
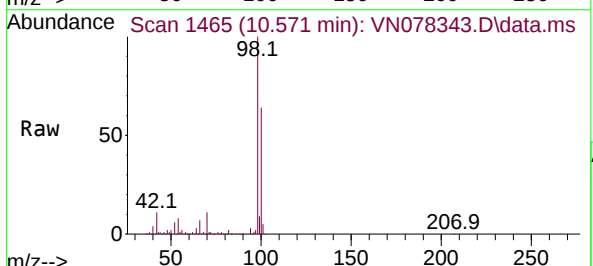
RT: 10.571 min Scan# 1465

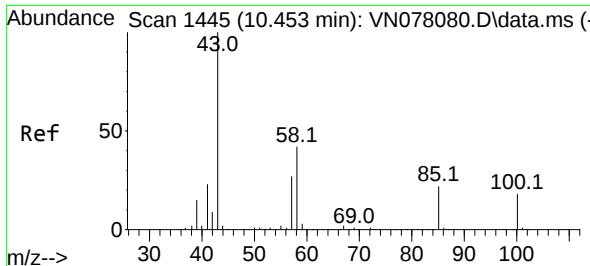
Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

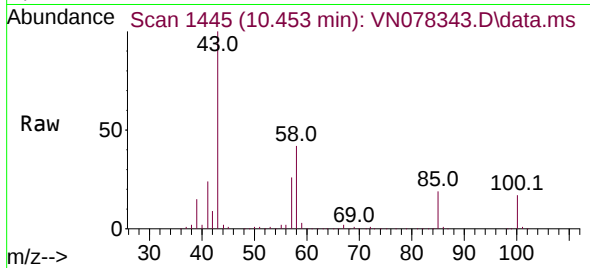
Tgt Ion:	98	Resp:	885773
Ion Ratio	Lower	Upper	
98	100		
100	64.0	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 283.667 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

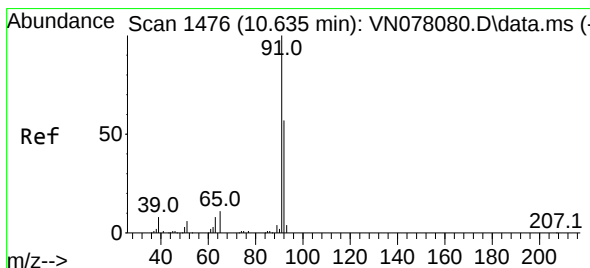
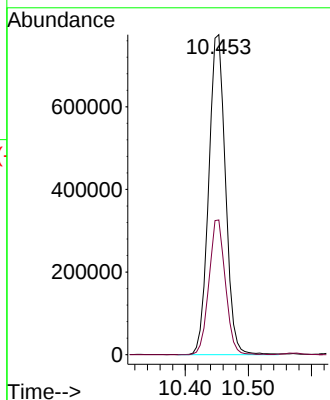
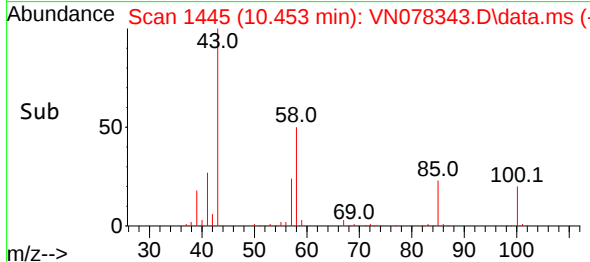
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



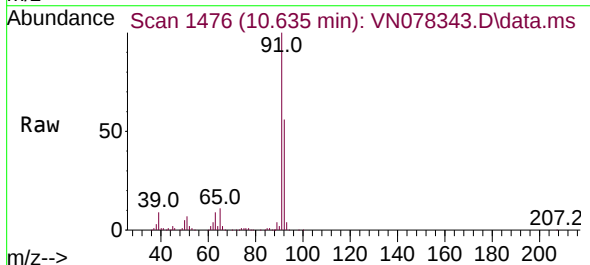
Tgt Ion: 43 Resp: 1424610
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

Manual Integrations
APPROVED

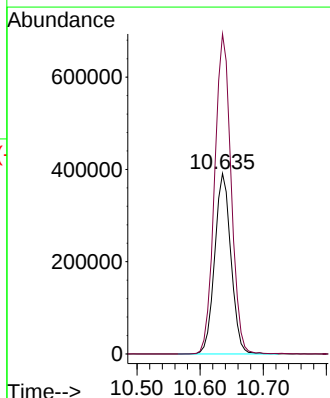
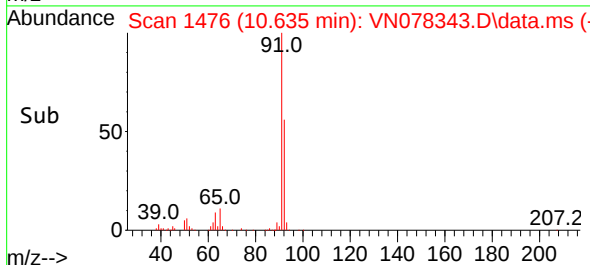
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

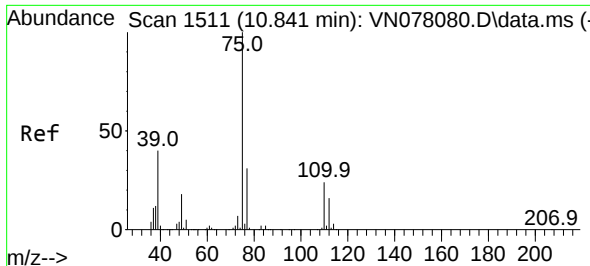


#52
Toluene
Concen: 57.882 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



Tgt Ion: 92 Resp: 696456
Ion Ratio Lower Upper
92 100
91 180.3 137.4 206.0





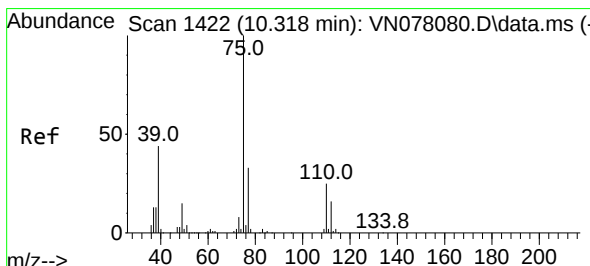
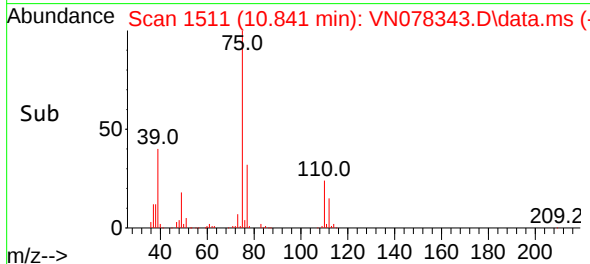
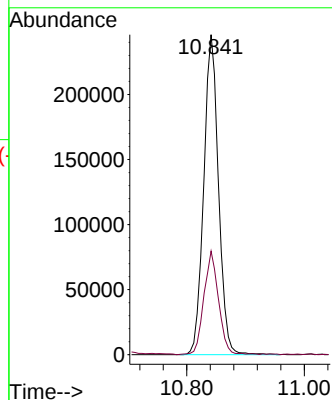
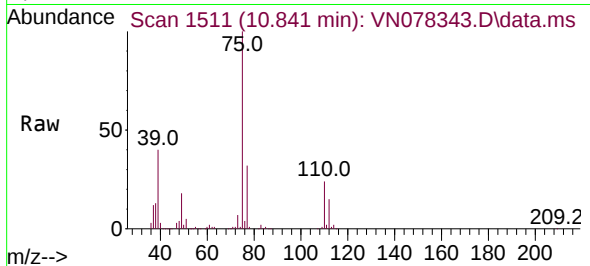
#53
t-1,3-Dichloropropene
Concen: 63.611 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 429772
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

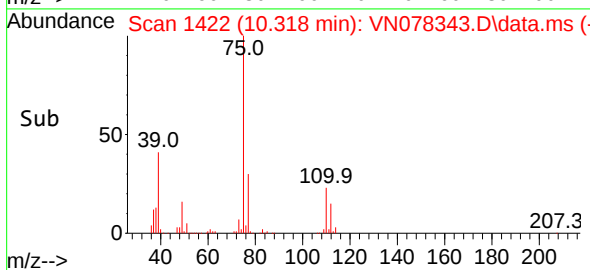
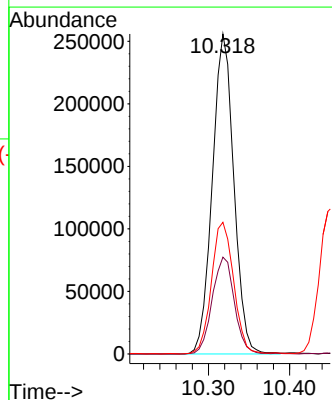
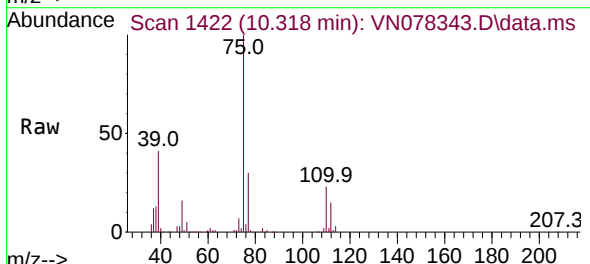
Manual Integrations
APPROVED

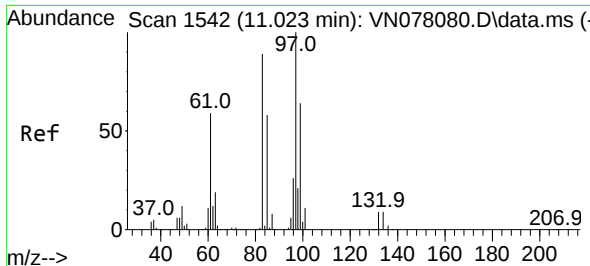
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#54
cis-1,3-Dichloropropene
Concen: 63.097 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

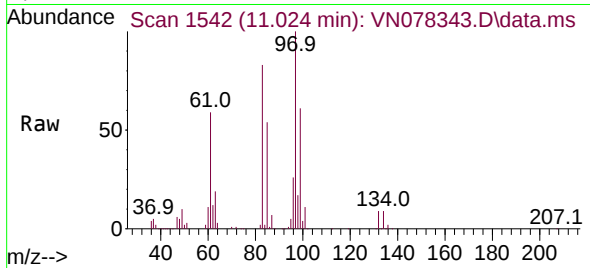
Tgt Ion: 75 Resp: 471236
Ion Ratio Lower Upper
75 100
77 30.3 26.1 39.1
39 41.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 60.845 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

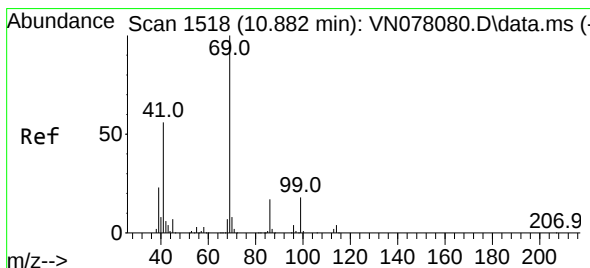
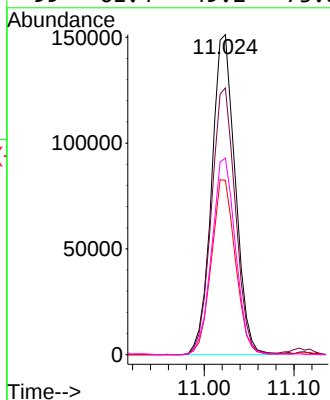
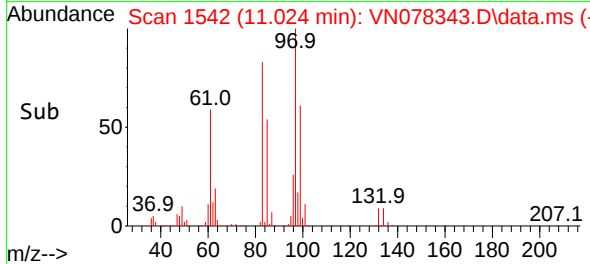
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



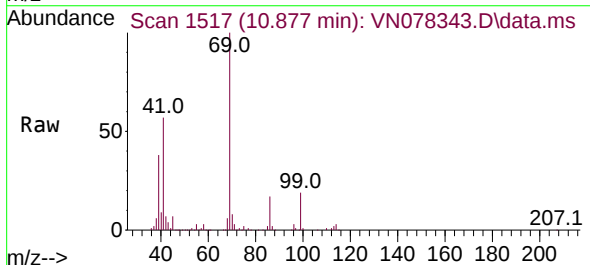
Tgt Ion: 97 Resp: 27695
Ion Ratio Lower Upper
97 100
83 83.3 65.1 97.7
85 54.4 43.4 65.2
99 61.4 49.2 73.8

Manual Integrations
APPROVED

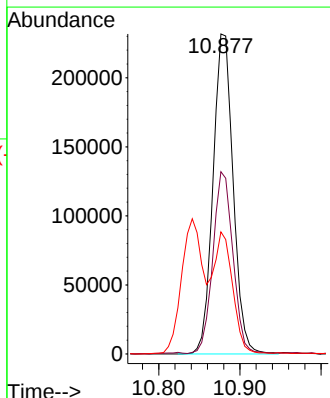
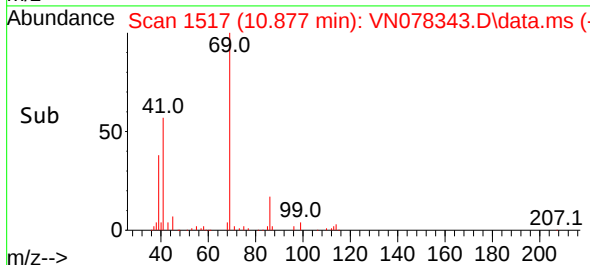
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

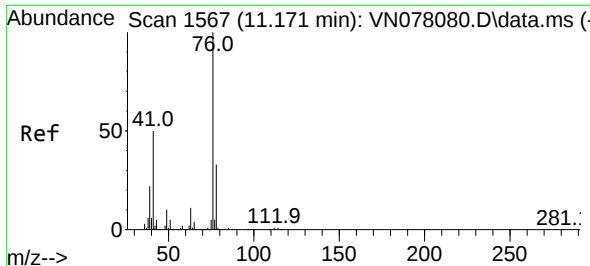


#56
Ethyl methacrylate
Concen: 60.274 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



Tgt Ion: 69 Resp: 399477
Ion Ratio Lower Upper
69 100
41 56.5 39.6 59.4
39 36.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 60.034 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 46125

Ion Ratio Lower Upper

76 100

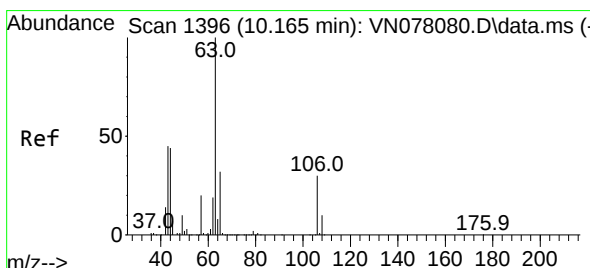
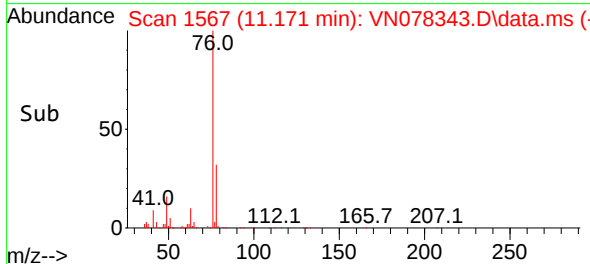
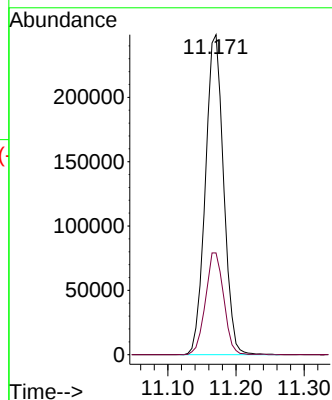
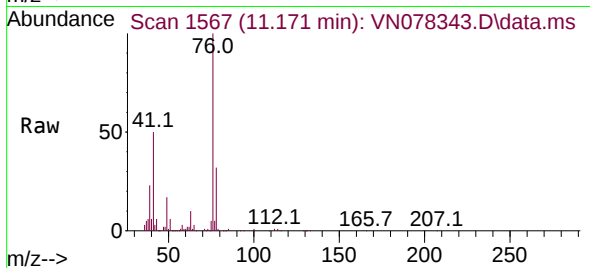
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 263.592 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078343.D

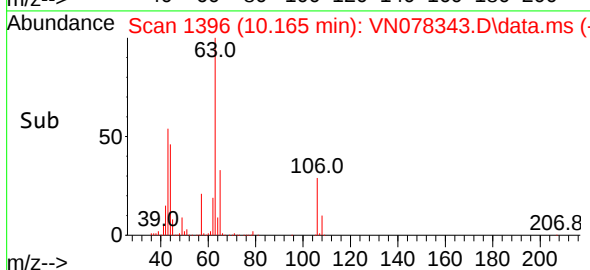
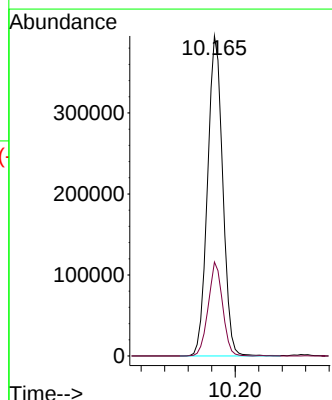
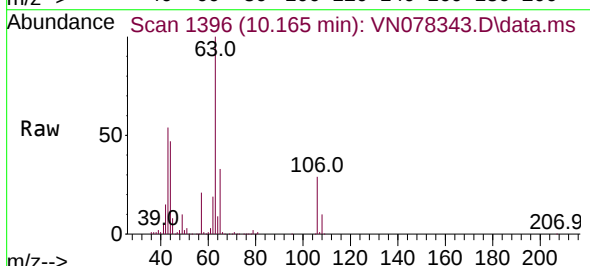
Acq: 22 Jun 2023 12:06

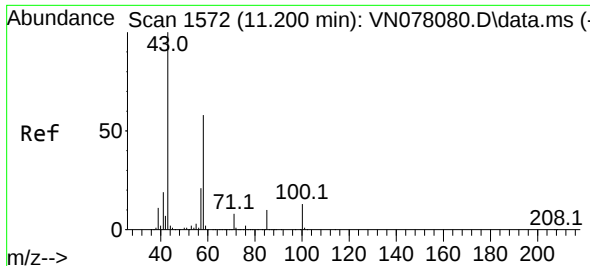
Tgt Ion: 63 Resp: 705737

Ion Ratio Lower Upper

63 100

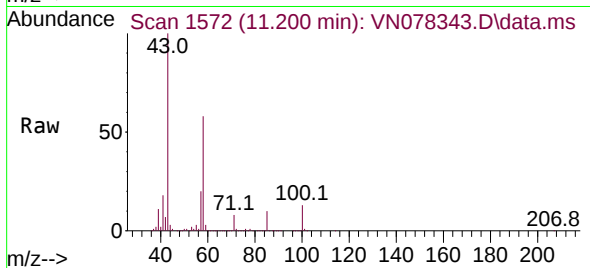
106 27.7 26.2 39.4





#59
2-Hexanone
Concen: 287.777 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

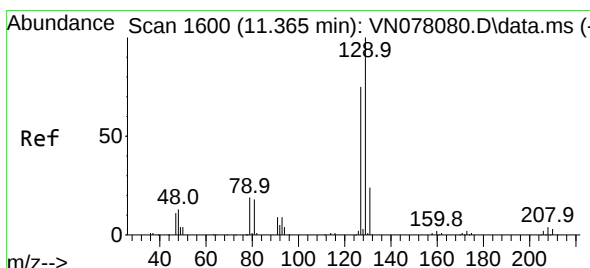
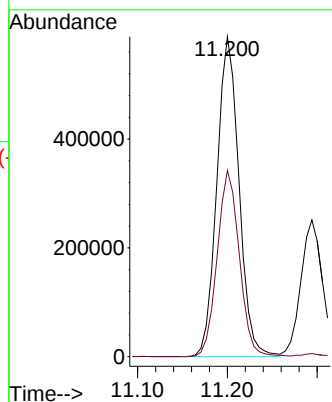
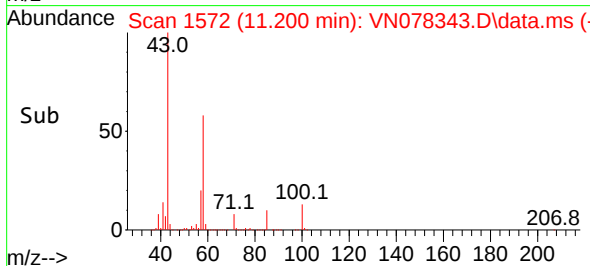
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 100631
Ion Ratio Lower Upper
43 100
58 58.2 31.7 95.1

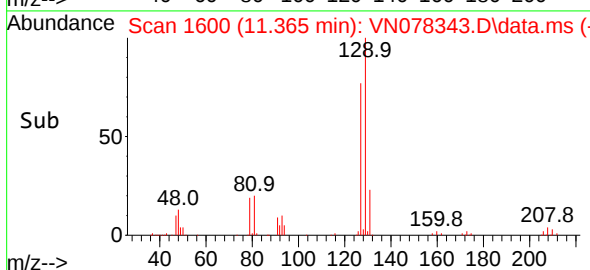
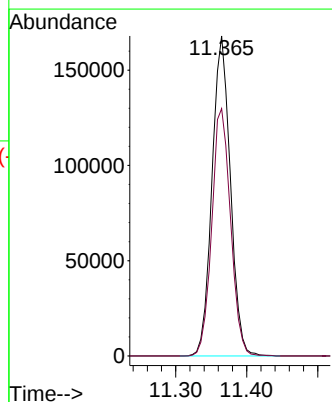
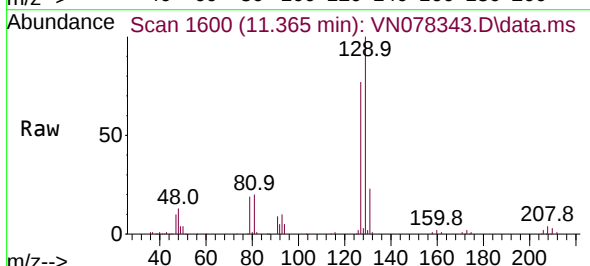
Manual Integrations
APPROVED

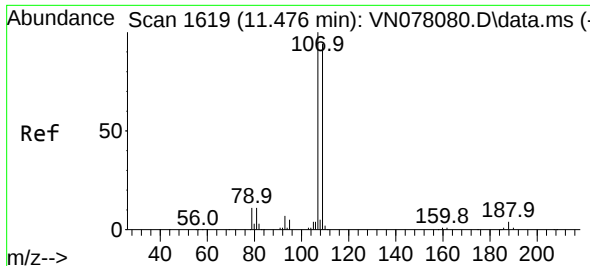
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#60
Dibromochloromethane
Concen: 60.336 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

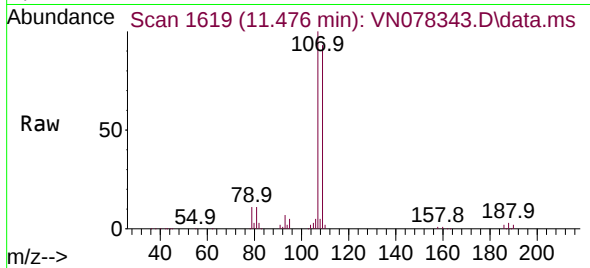
Tgt Ion:129 Resp: 300519
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 58.764 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

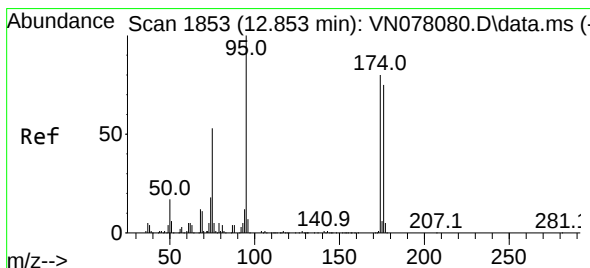
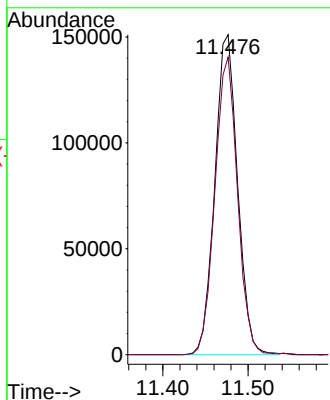
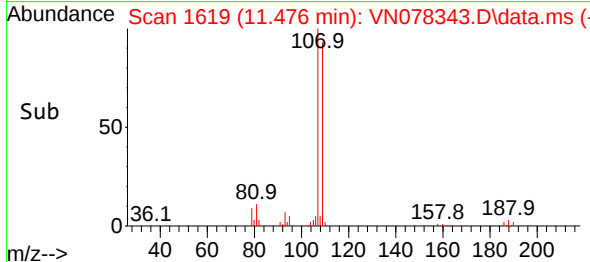
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



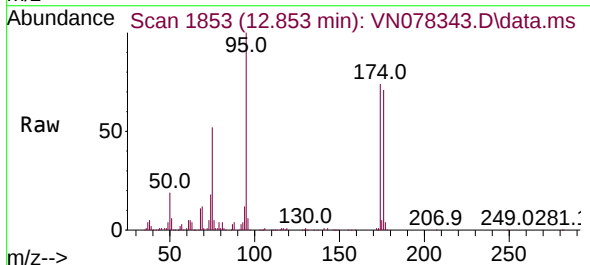
Tgt Ion:107 Resp: 280699
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

Manual Integrations
APPROVED

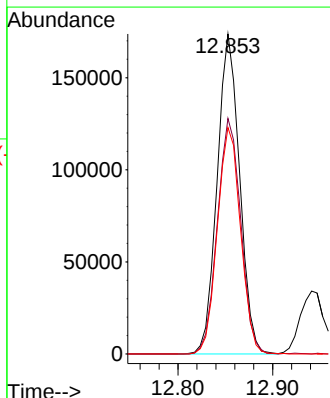
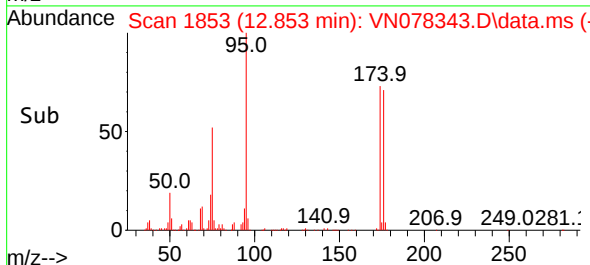
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

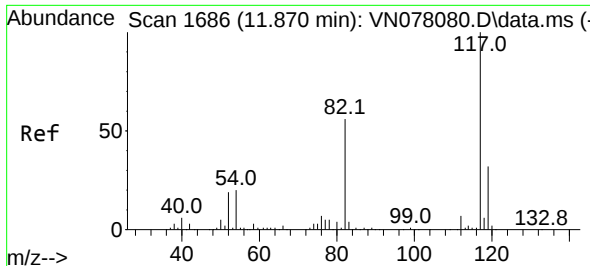


#62
4-Bromofluorobenzene
Concen: 53.731 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



Tgt Ion: 95 Resp: 286579
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 72.9 0.0 135.8





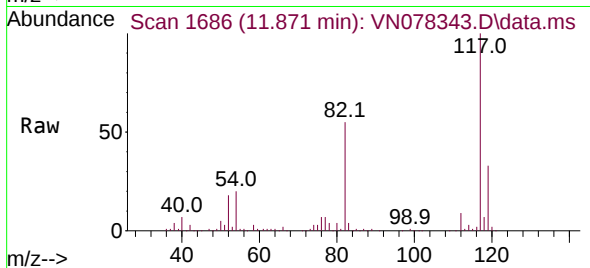
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



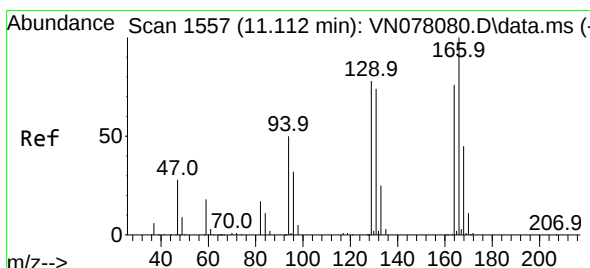
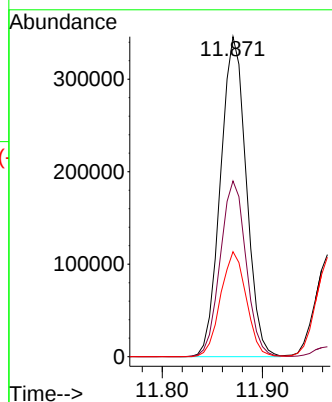
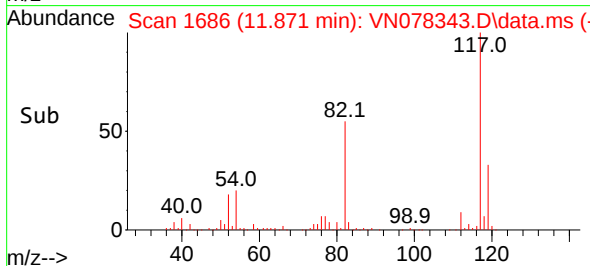
Tgt Ion:117 Resp: 616324
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.8 25.6 38.4

Manual Integrations

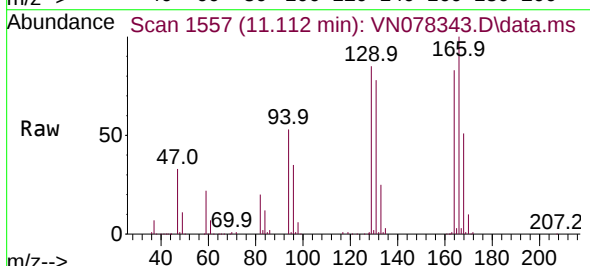
APPROVED

Reviewed By :John Carlone 06/22/2023

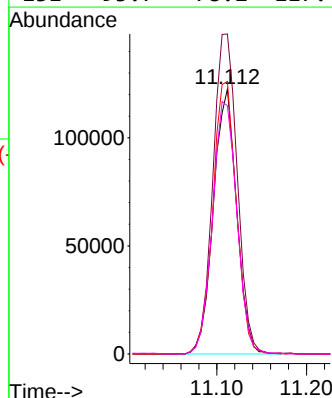
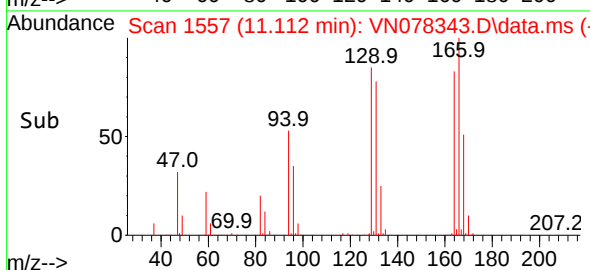
Supervised By :Mahesh Dadoda 06/23/2023

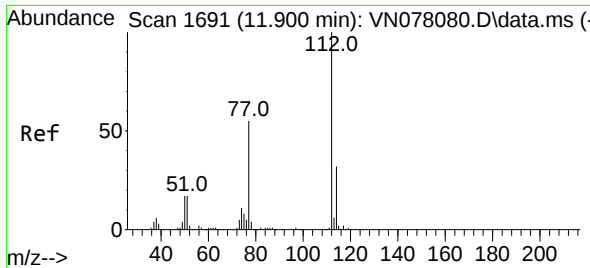


#64
Tetrachloroethene
Concen: 53.520 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



Tgt Ion:164 Resp: 220060
Ion Ratio Lower Upper
164 100
166 120.8 101.4 152.0
129 102.7 82.4 123.6
131 93.7 78.2 117.4





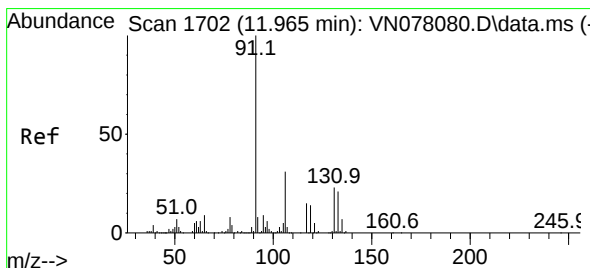
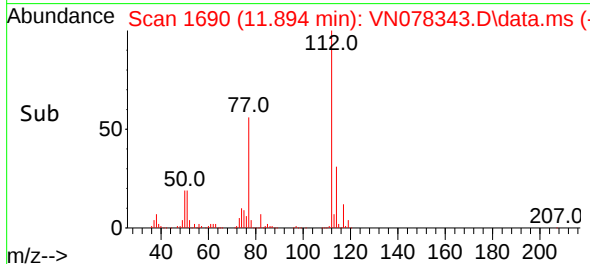
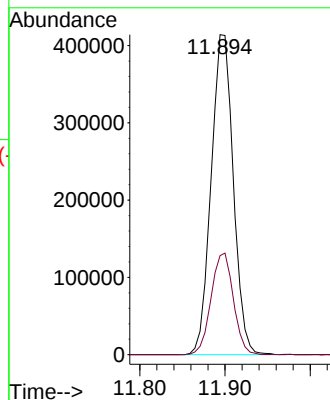
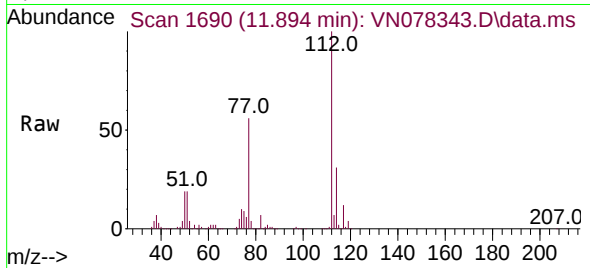
#65
Chlorobenzene
Concen: 56.692 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 748275
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

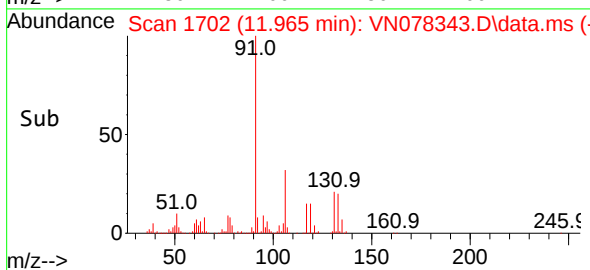
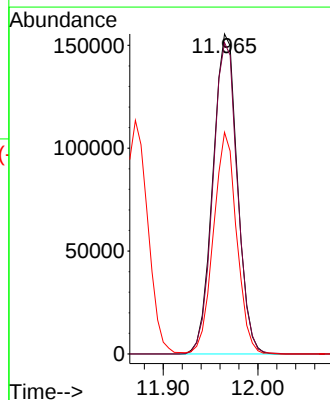
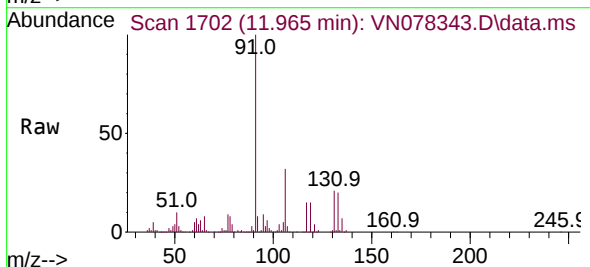
Manual Integrations
APPROVED

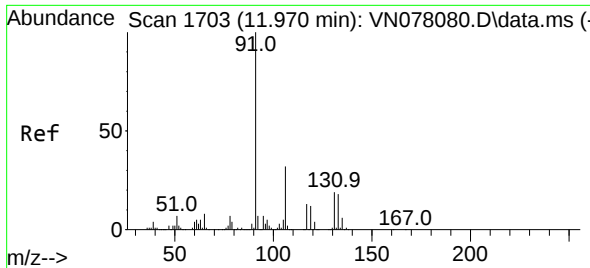
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.655 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion:131 Resp: 279887
Ion Ratio Lower Upper
131 100
133 97.2 46.4 139.1
119 65.5 34.1 102.2





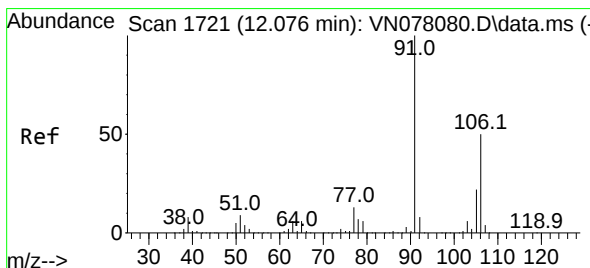
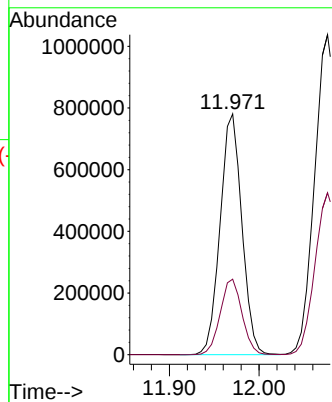
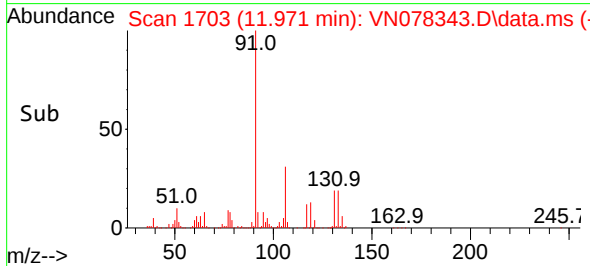
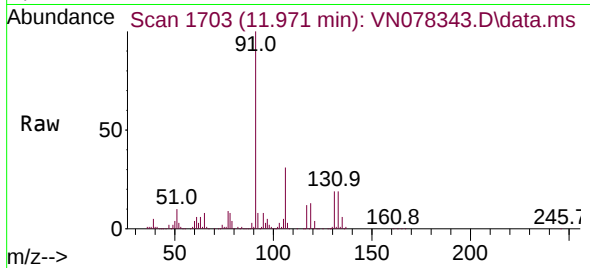
#67
Ethyl Benzene
Concen: 57.694 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 131395
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

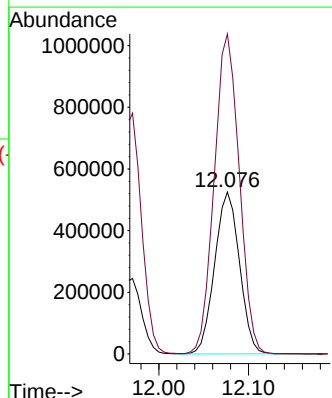
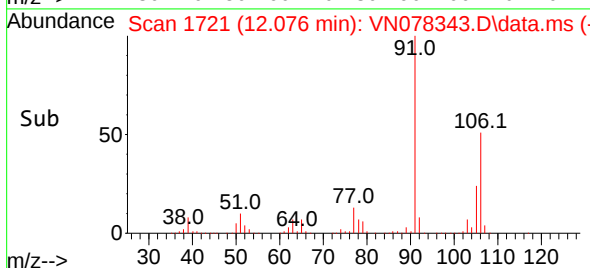
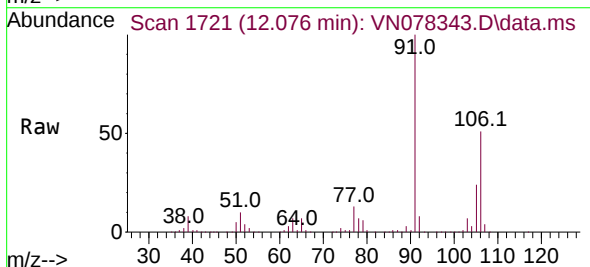
Manual Integrations
APPROVED

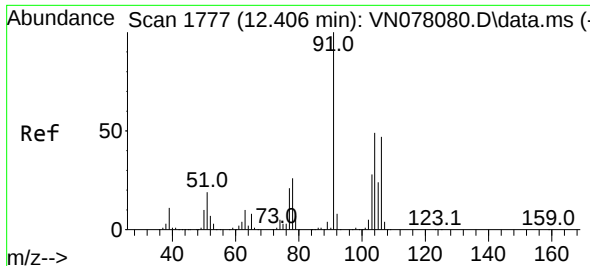
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#68
m/p-Xylenes
Concen: 116.082 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

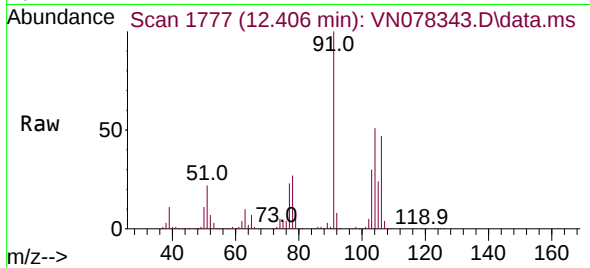
Tgt Ion:106 Resp: 1007527
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4





#69
o-Xylene
Concen: 58.399 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

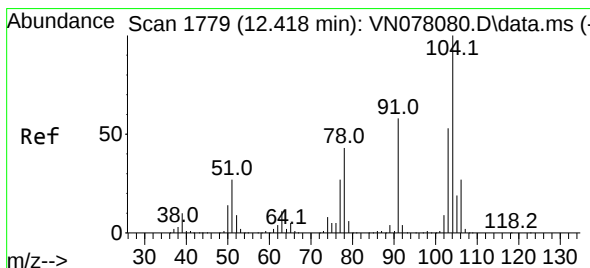
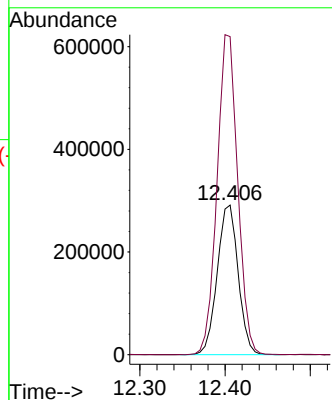
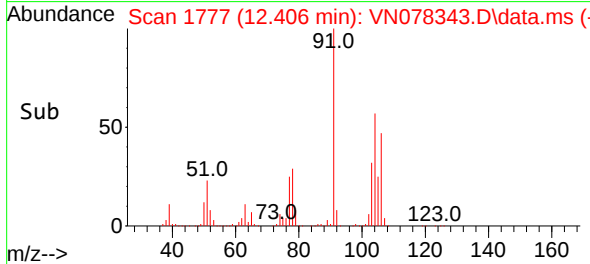
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 497752
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.5

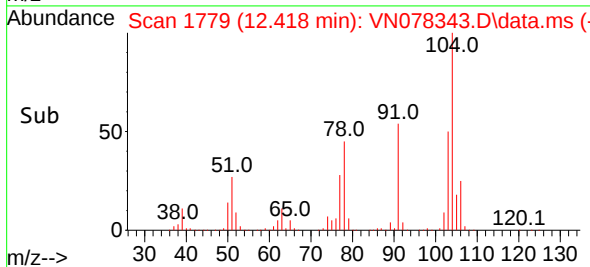
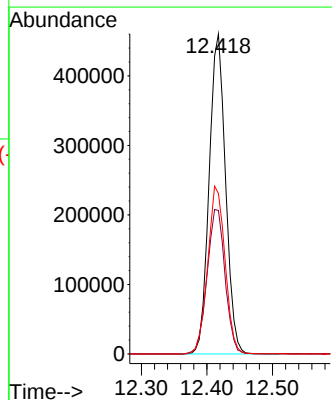
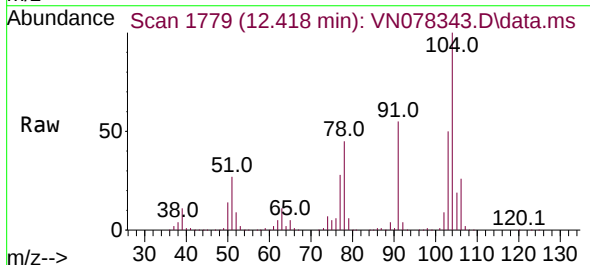
Manual Integrations
APPROVED

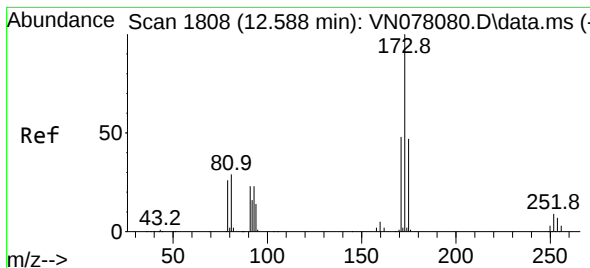
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#70
Styrene
Concen: 59.627 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion:104 Resp: 800091
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.6 43.2 64.8





#71

Bromoform

Concen: 59.788 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 187300

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

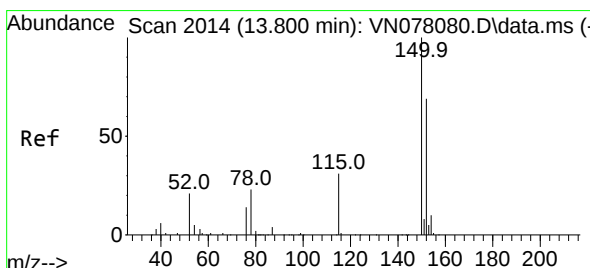
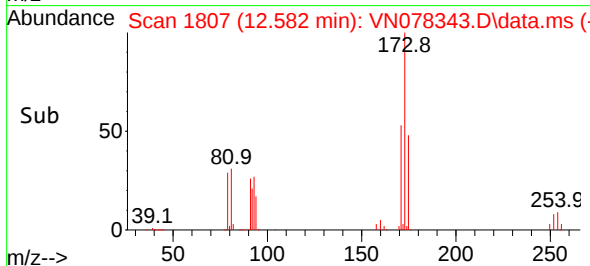
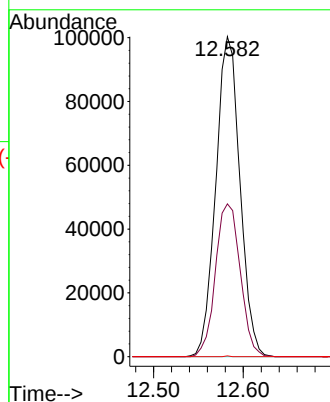
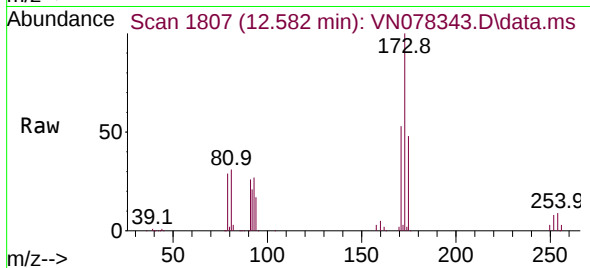
254 0.1 0.0 0.0

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: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

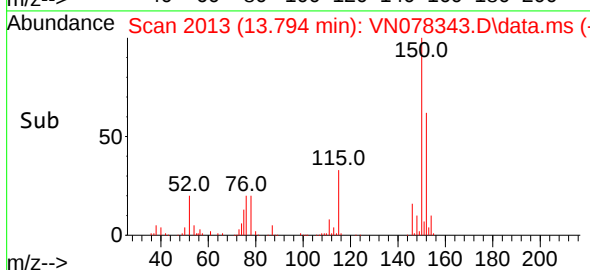
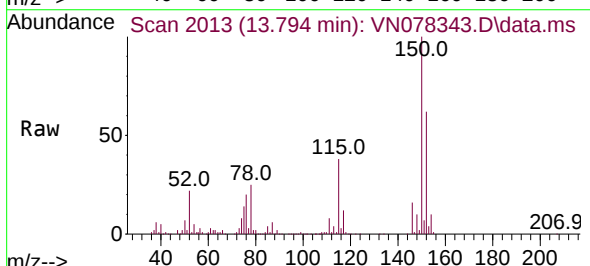
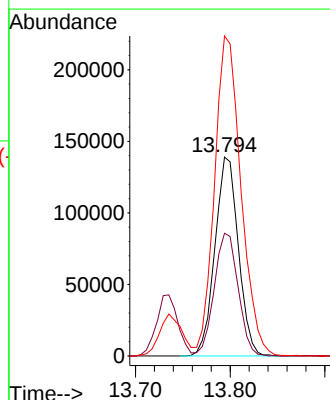
Tgt Ion:152 Resp: 238845

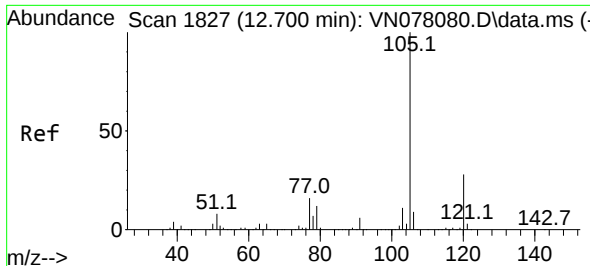
Ion Ratio Lower Upper

152 100

115 63.1 32.3 96.8

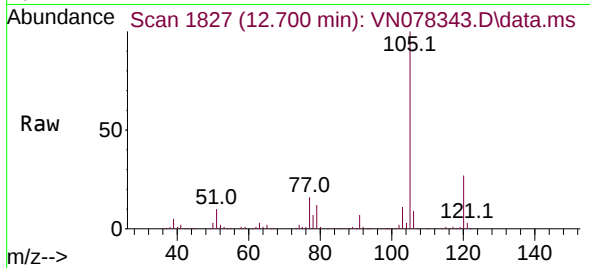
150 182.0 0.0 355.8





#73
Isopropylbenzene
Concen: 52.337 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

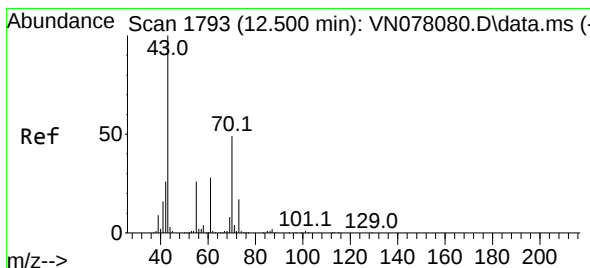
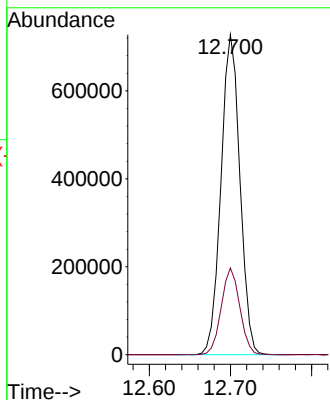
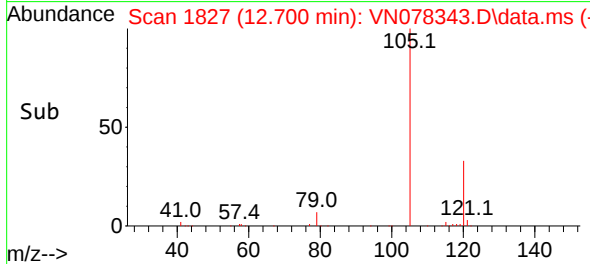
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



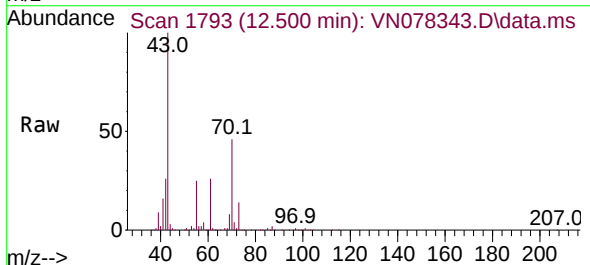
Tgt Ion:105 Resp: 1182084
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

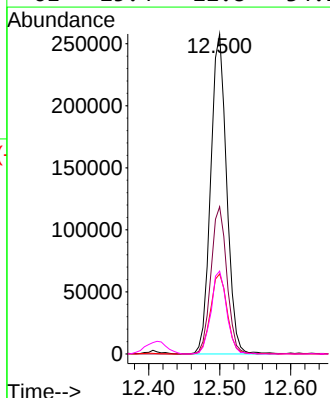
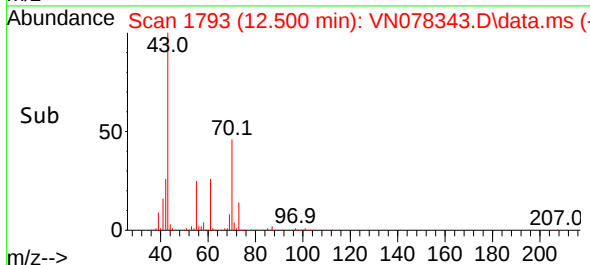
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

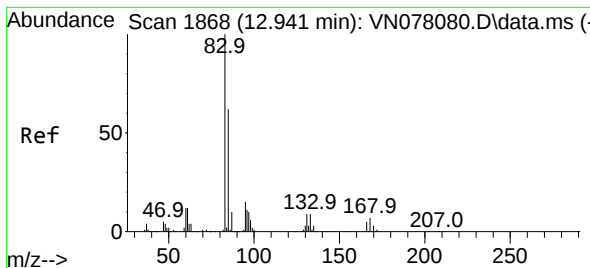


#74
N-ethyl acetate
Concen: 54.079 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



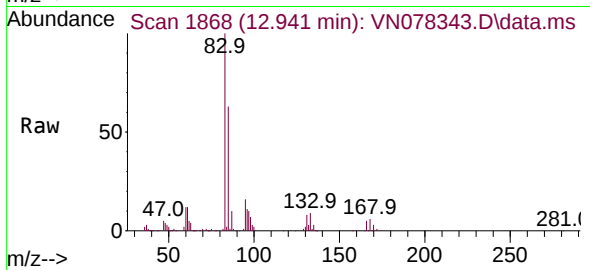
Tgt Ion: 43 Resp: 402220
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 26.0 21.4 32.0
61 25.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 59.644 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

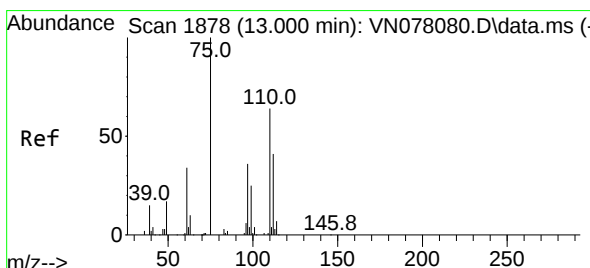
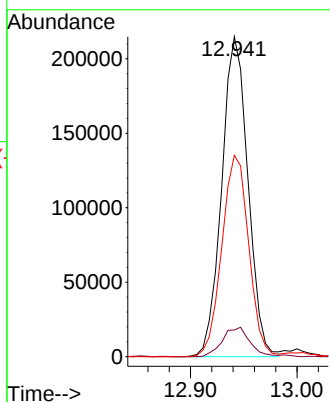
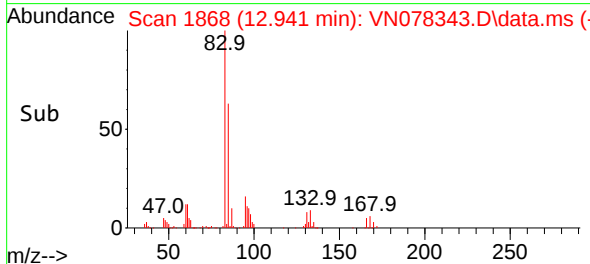
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



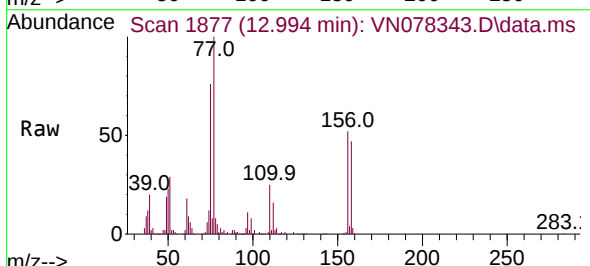
Tgt Ion: 83 Resp: 367582
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.4 31.9 95.7

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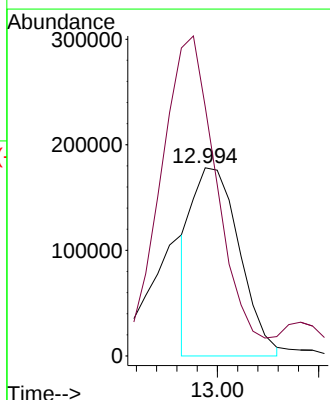
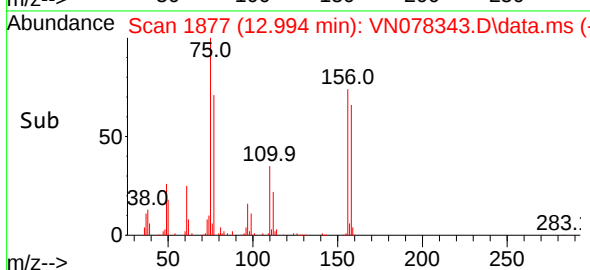
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

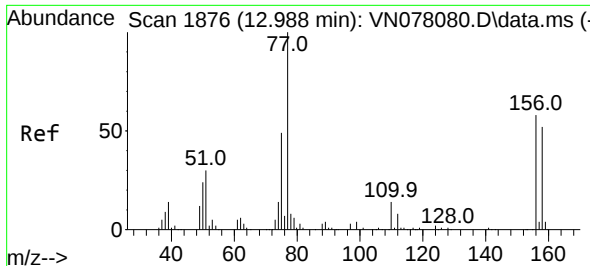


#76
1,2,3-Trichloropropane
Concen: 51.337 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



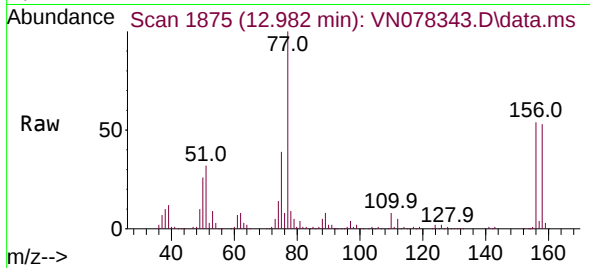
Tgt Ion: 75 Resp: 289866
Ion Ratio Lower Upper
75 100
77 204.1 84.5 253.5





#77
Bromobenzene
Concen: 53.816 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

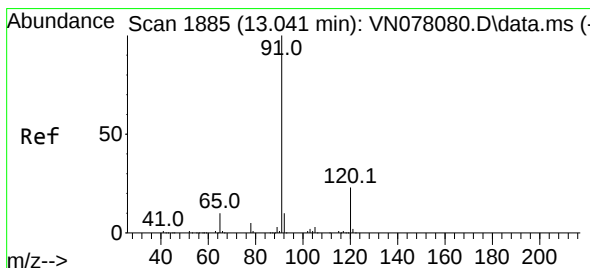
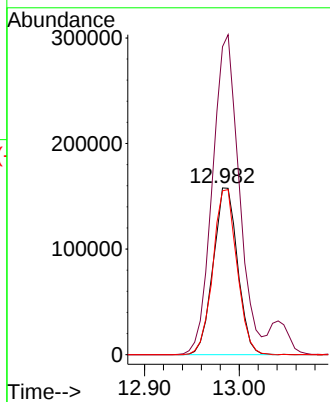
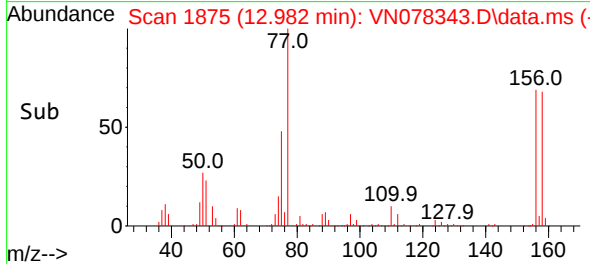
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 282162
Ion Ratio Lower Upper
156 100
77 209.7 107.7 323.3
158 98.2 48.4 145.3

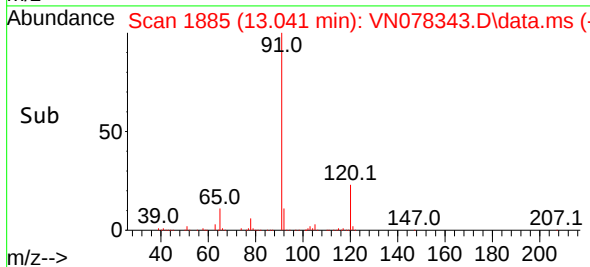
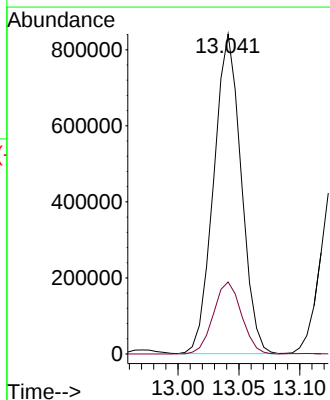
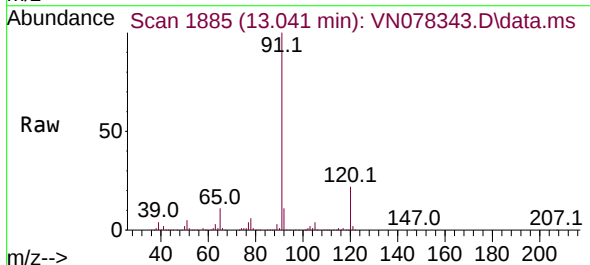
Manual Integrations
APPROVED

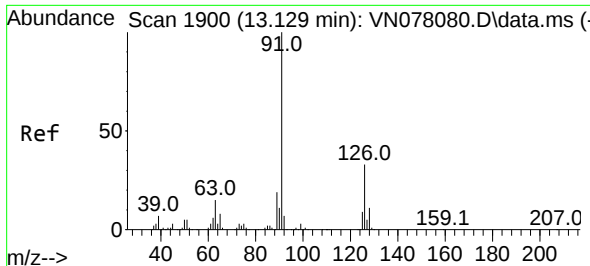
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#78
n-propylbenzene
Concen: 53.831 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion: 91 Resp: 1320950
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





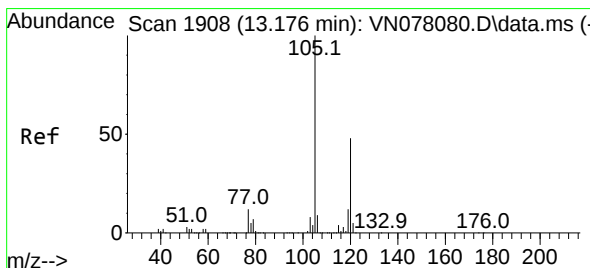
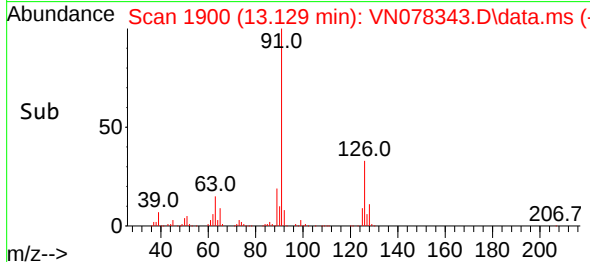
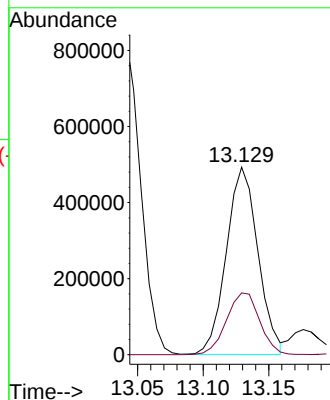
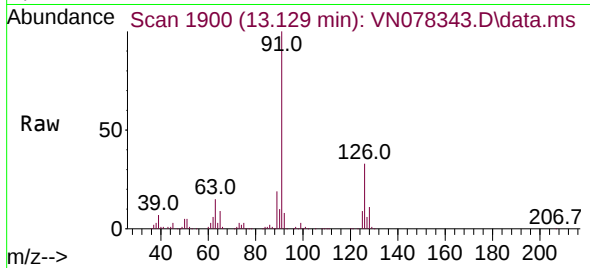
#79
2-Chlorotoluene
Concen: 52.223 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 82721
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

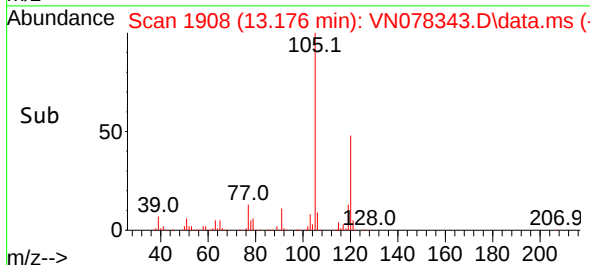
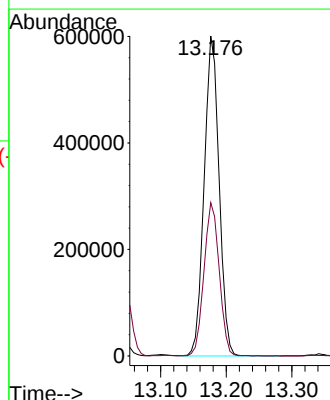
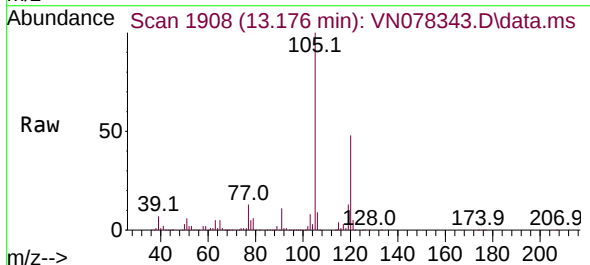
Manual Integrations
APPROVED

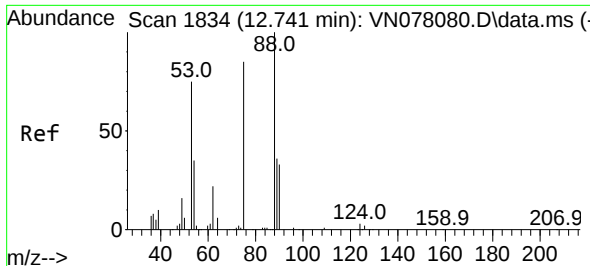
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.166 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

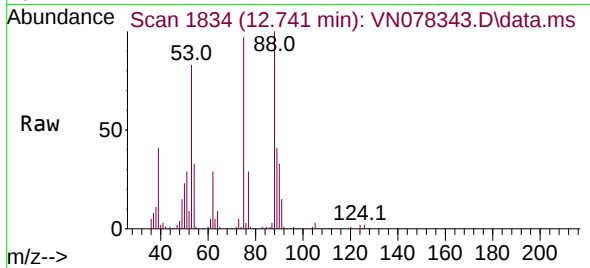
Tgt Ion:105 Resp: 953902
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 62.667 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

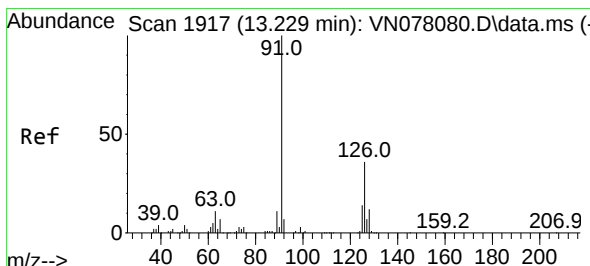
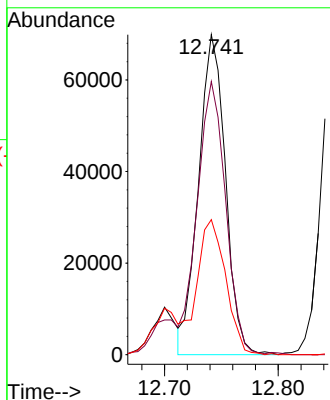
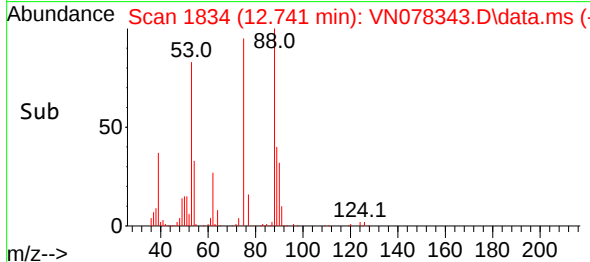
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 11517
Ion Ratio Lower Upper
75 100
53 101.0 67.4 101.2
89 45.7 38.8 58.2

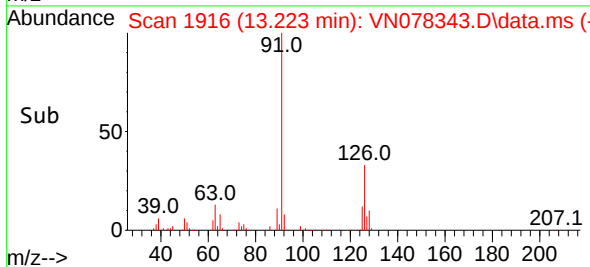
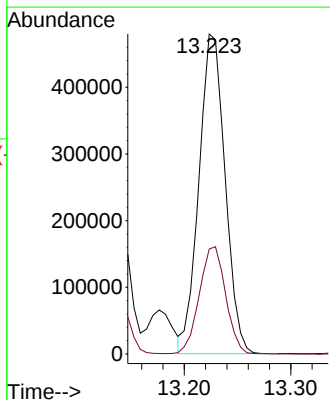
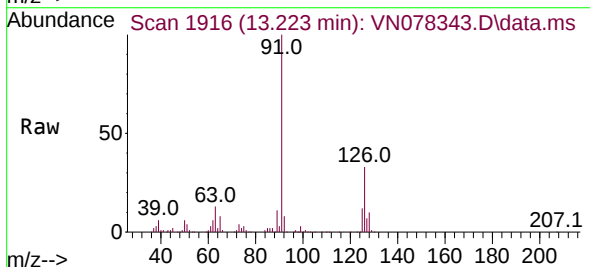
Manual Integrations
APPROVED

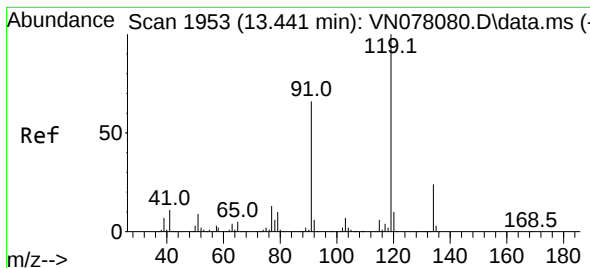
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#82
4-Chlorotoluene
Concen: 55.353 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

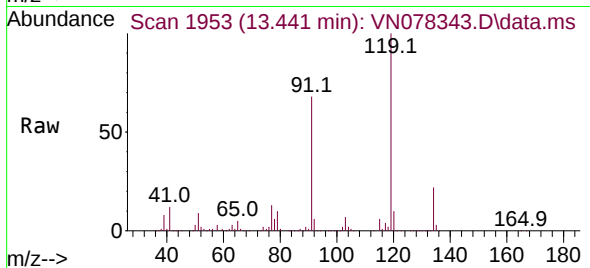
Tgt Ion: 91 Resp: 818311
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.437 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

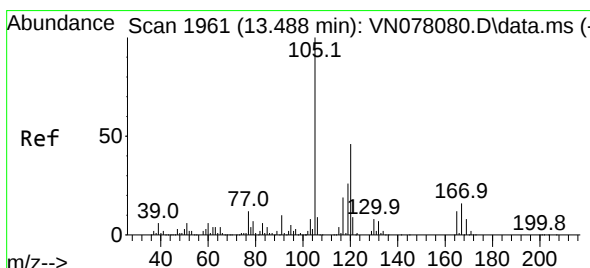
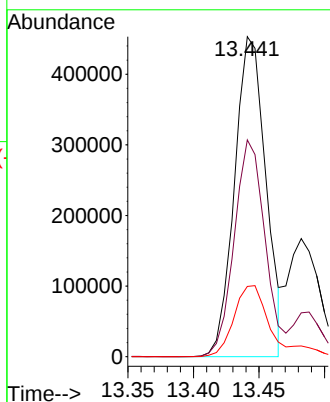
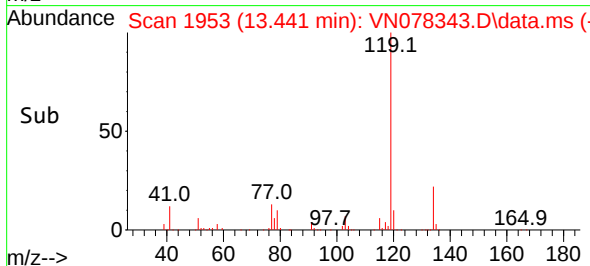
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



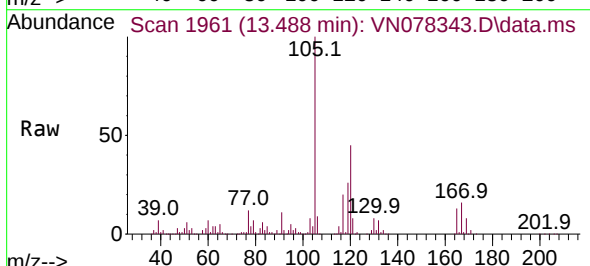
Tgt Ion:119 Resp: 754020
Ion Ratio Lower Upper
119 100
91 67.1 33.9 101.7
134 26.3 13.2 39.6

Manual Integrations
APPROVED

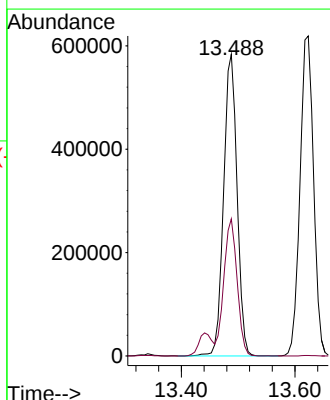
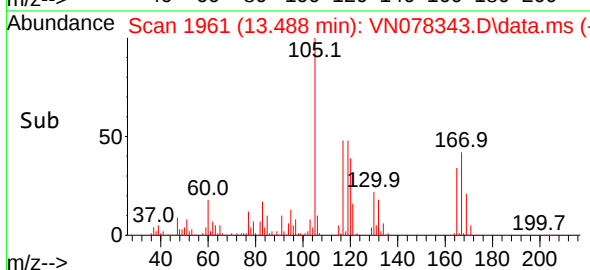
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023

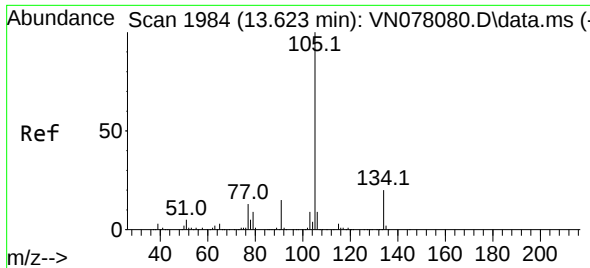


#84
1,2,4-Trimethylbenzene
Concen: 54.359 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06



Tgt Ion:105 Resp: 963701
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0





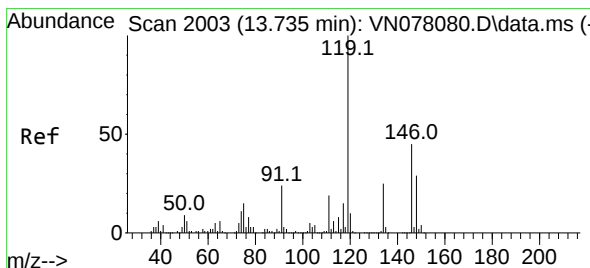
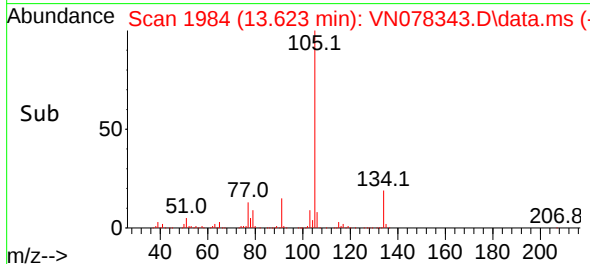
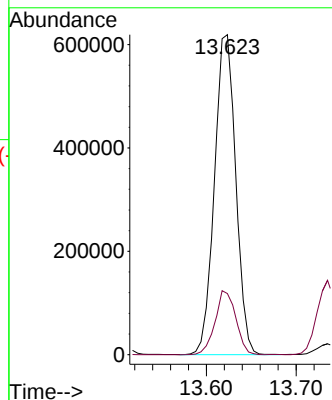
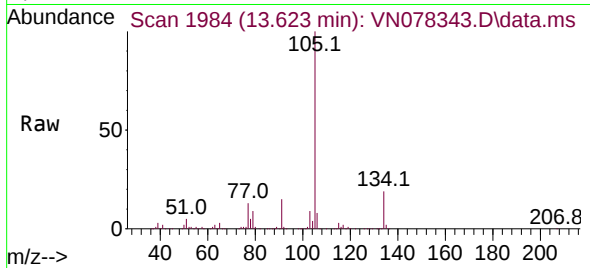
#85
 sec-Butylbenzene
 Concen: 49.090 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078343.D
 Acq: 22 Jun 2023 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 102130
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

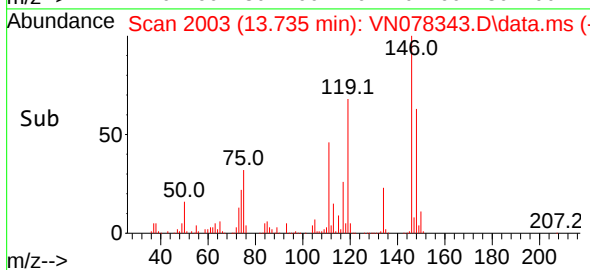
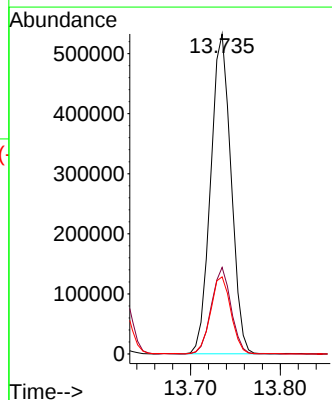
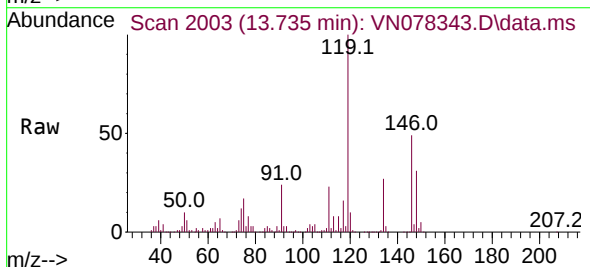
Manual Integrations
 APPROVED

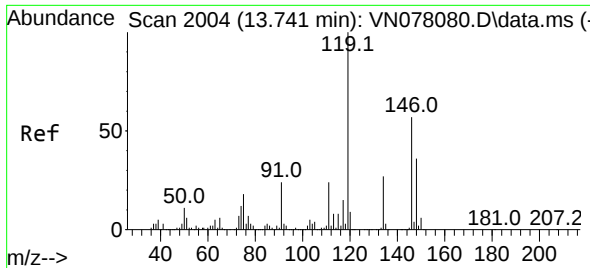
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#86
 p-Isopropyltoluene
 Concen: 49.590 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078343.D
 Acq: 22 Jun 2023 12:06

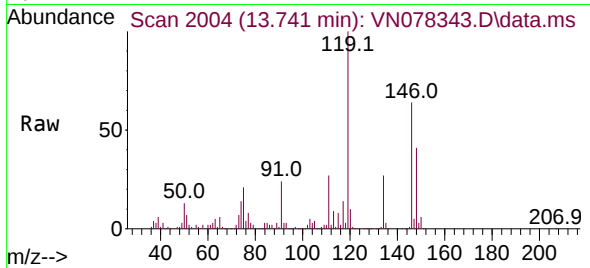
Tgt Ion:119 Resp: 837232
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 52.690 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN078343.D
 Acq: 22 Jun 2023 12:06

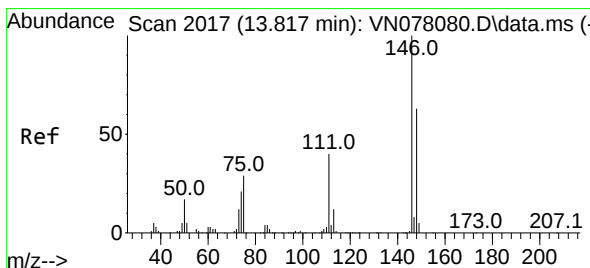
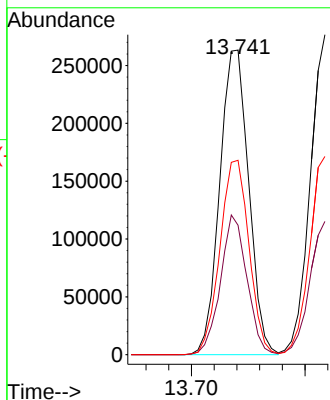
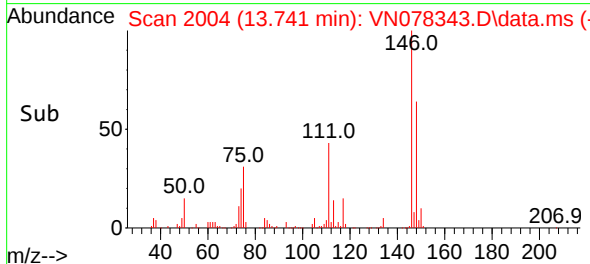
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



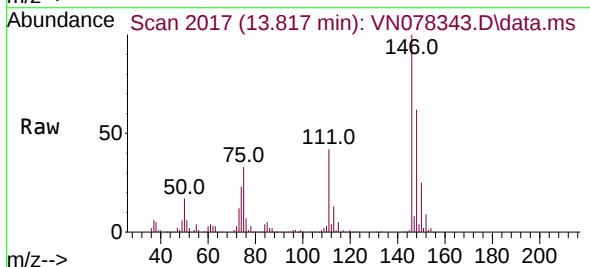
Tgt Ion:146 Resp: 46729
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.1 66.3
 148 64.0 32.0 96.0

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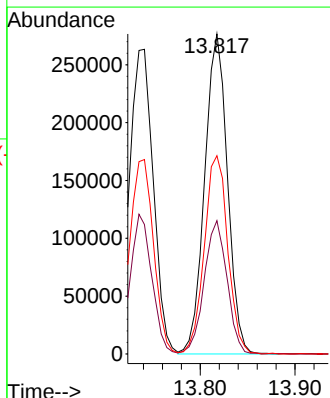
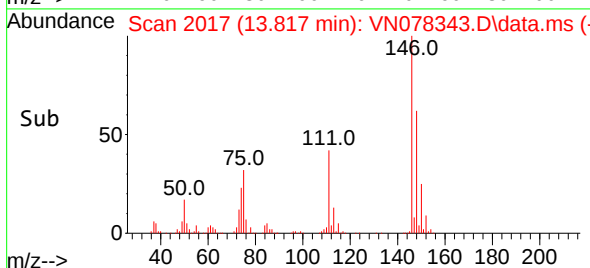
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/23/2023

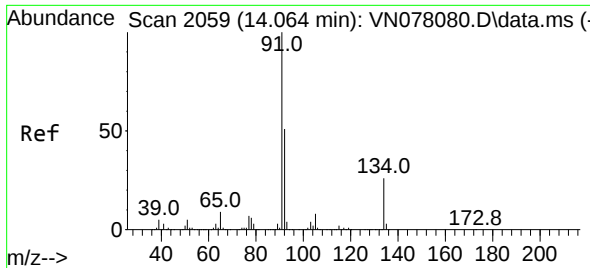


#88
 1,4-Dichlorobenzene
 Concen: 54.024 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078343.D
 Acq: 22 Jun 2023 12:06



Tgt Ion:146 Resp: 462325
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.8
 148 63.6 31.6 94.8





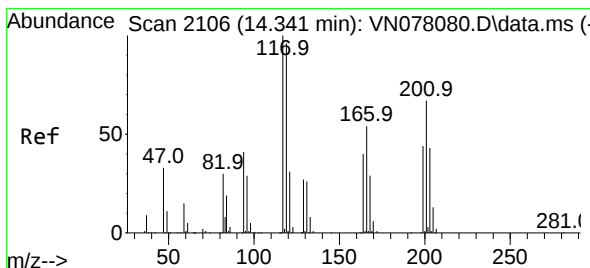
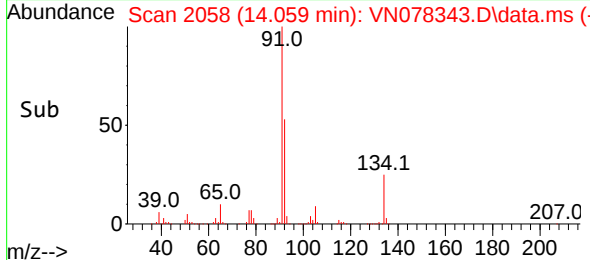
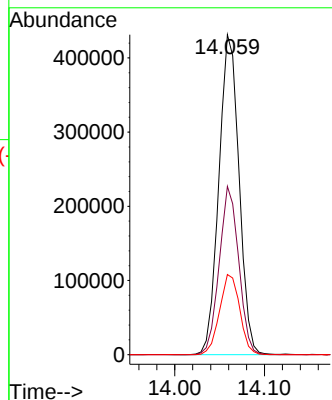
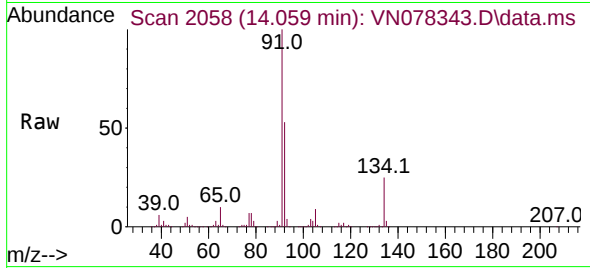
#89
n-Butylbenzene
Concen: 50.520 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 672754
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.1 12.6 37.6

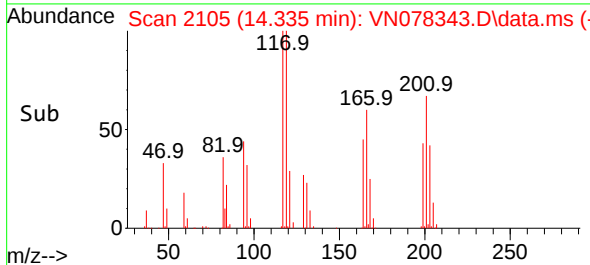
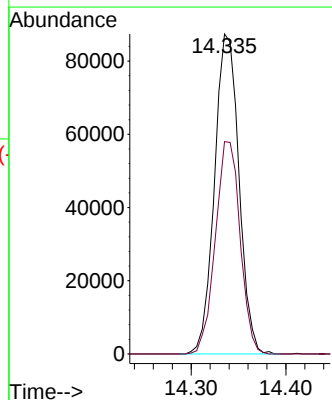
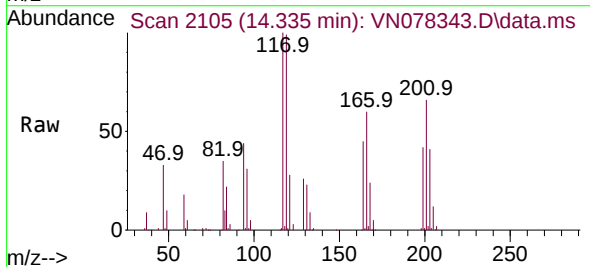
Manual Integrations
APPROVED

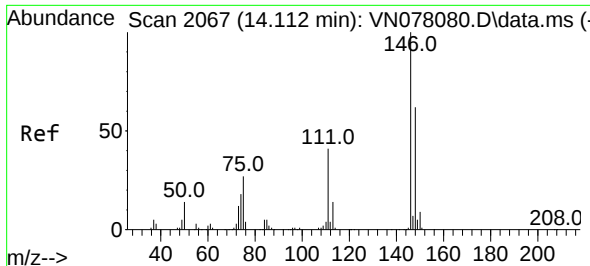
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#90
Hexachloroethane
Concen: 52.302 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion:117 Resp: 156704
Ion Ratio Lower Upper
117 100
201 67.2 29.3 88.0





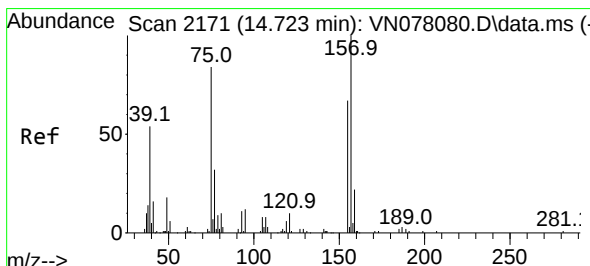
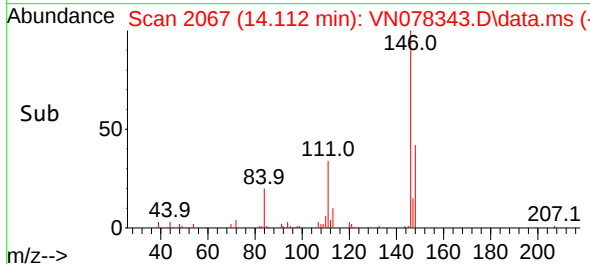
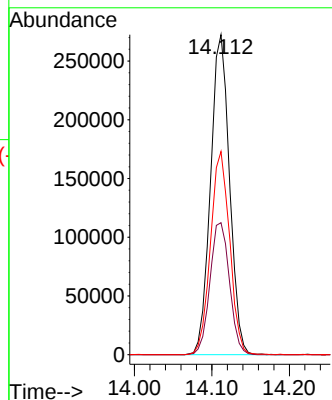
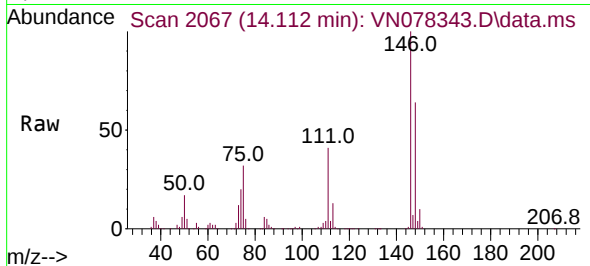
#91
1,2-Dichlorobenzene
Concen: 53.487 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 46360
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 64.0 31.8 95.3

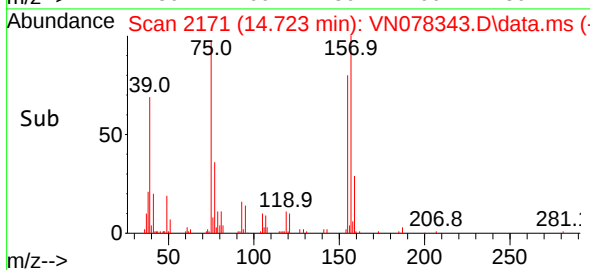
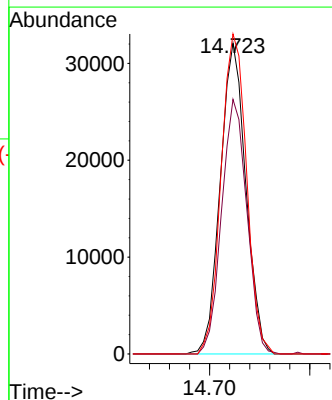
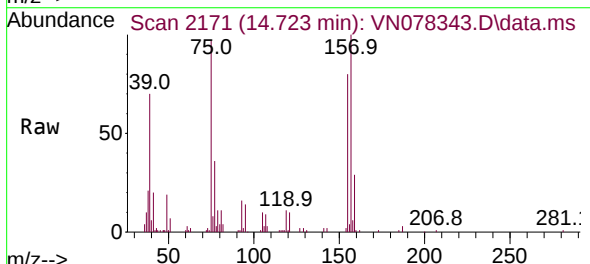
Manual Integrations
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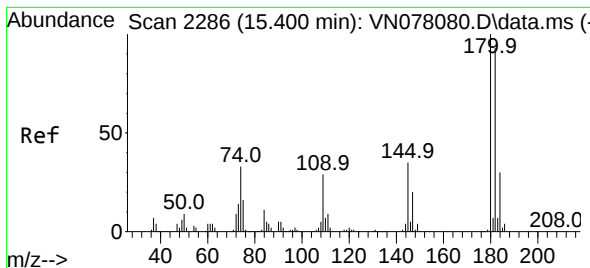
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.722 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion: 75 Resp: 56744
Ion Ratio Lower Upper
75 100
155 80.7 39.1 117.2
157 102.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 49.635 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078343.D

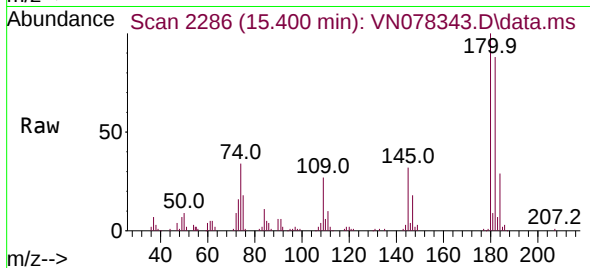
Acq: 22 Jun 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 15328

Ion Ratio Lower Upper

180 100

182 91.4 46.1 138.2

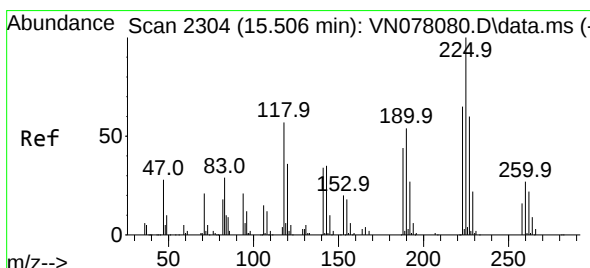
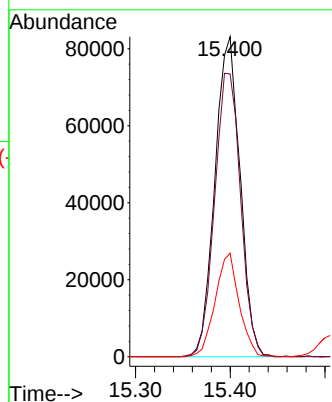
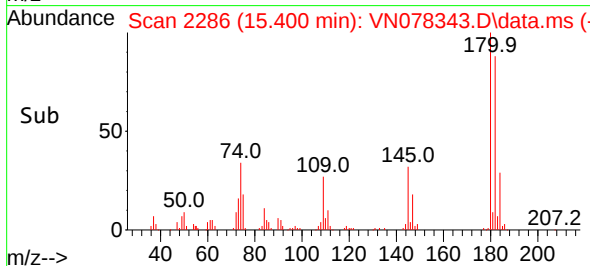
145 30.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/23/2023



#94

Hexachlorobutadiene

Concen: 54.832 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078343.D

Acq: 22 Jun 2023 12:06

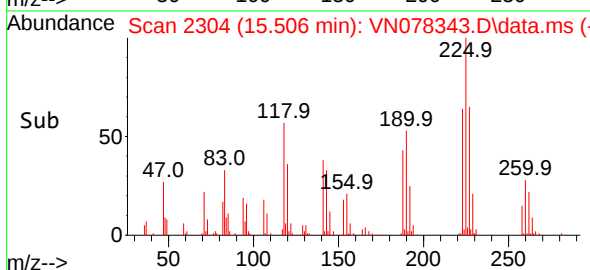
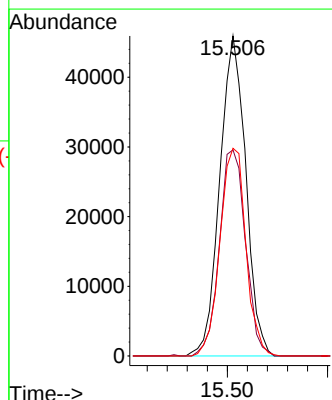
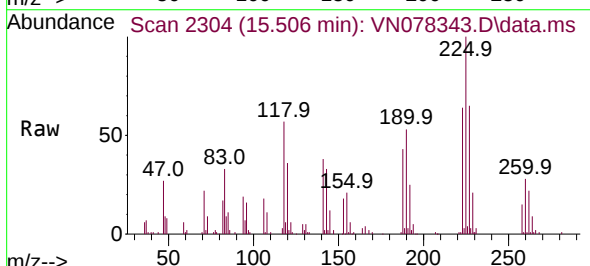
Tgt Ion:225 Resp: 82611

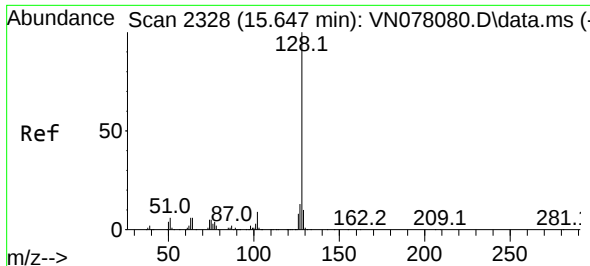
Ion Ratio Lower Upper

225 100

223 64.8 31.3 93.8

227 64.7 31.9 95.9





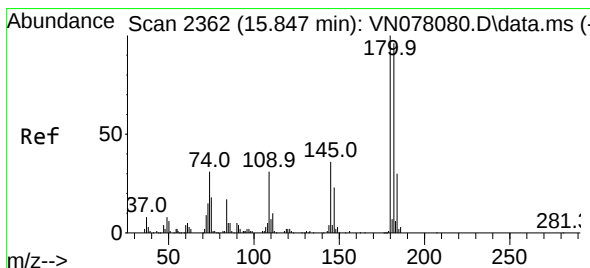
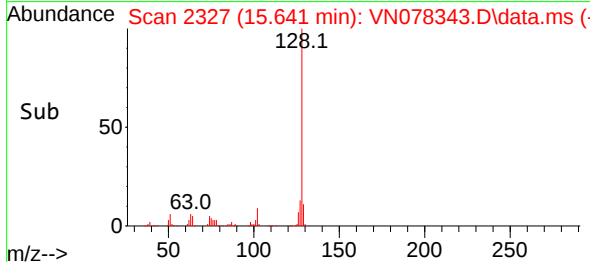
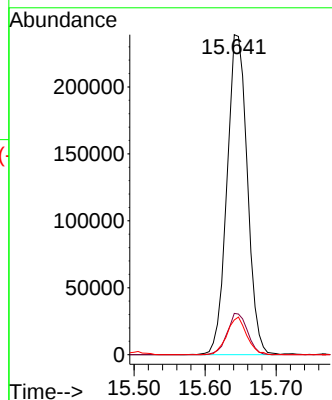
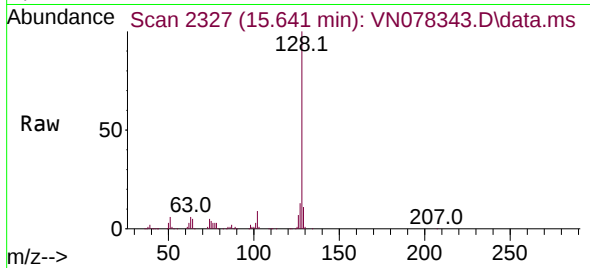
#95
Naphthalene
Concen: 45.735 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 47509
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.4 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: 46.691 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078343.D
Acq: 22 Jun 2023 12:06

Tgt Ion:180 Resp: 161268
Ion Ratio Lower Upper
180 100
182 96.1 46.2 138.6
145 34.5 17.5 52.6

