

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078295.D
 Acq On : 19 Jun 2023 21:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 01:37:01 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	8.236	168	397934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	737780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	643864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	252708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	268888	50.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.360%		
35) Dibromofluoromethane	8.177	113	226886	48.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	10.571	98	850866	47.313	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.620%		
62) 4-Bromofluorobenzene	12.853	95	272320	48.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	171136	38.045	ug/l	93
3) Chloromethane	2.371	50	202526	47.777	ug/l	95
4) Vinyl Chloride	2.518	62	268921	45.655	ug/l	100
5) Bromomethane	2.948	94	202996	45.602	ug/l	99
6) Chloroethane	3.118	64	202731	50.489	ug/l	96
7) Trichlorofluoromethane	3.501	101	357285	44.730	ug/l	100
8) Diethyl Ether	3.971	74	126520	45.080	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	196766	46.677	ug/l	98
10) Methyl Iodide	4.595	142	273544	45.885	ug/l	95
11) Tert butyl alcohol	5.536	59	174644	238.388	ug/l	97
12) 1,1-Dichloroethene	4.348	96	188005	43.265	ug/l	86
13) Acrolein	4.189	56	232361	287.780	ug/l	95
14) Allyl chloride	5.030	41	244286	46.053	ug/l	92
15) Acrylonitrile	5.730	53	506520	268.175	ug/l	99
16) Acetone	4.436	43	384563	251.814	ug/l	97
17) Carbon Disulfide	4.718	76	439190	39.267	ug/l	100
18) Methyl Acetate	5.036	43	357963	50.912	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	689165	49.707	ug/l	98
20) Methylene Chloride	5.283	84	228760	45.330	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	207119	44.192	ug/l	85
22) Diisopropyl ether	6.683	45	659120	52.825	ug/l #	93
23) Vinyl Acetate	6.618	43	1963351	264.706	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	410718	49.899	ug/l	99
25) 2-Butanone	7.494	43	620284	264.124	ug/l	88
26) 2,2-Dichloropropane	7.500	77	265550	43.693	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	260947	46.677	ug/l	96
28) Bromochloromethane	7.824	49	203003	53.716	ug/l	91
29) Tetrahydrofuran	7.847	42	411601	262.173	ug/l	85
30) Chloroform	7.977	83	455184	51.356	ug/l	93
31) Cyclohexane	8.265	56	279526	41.071	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	398016	51.150	ug/l	97
36) 1,1-Dichloropropene	8.377	75	313344	46.829	ug/l	97
37) Ethyl Acetate	7.571	43	266652	51.013	ug/l #	94
38) Carbon Tetrachloride	8.371	117	336061	47.565	ug/l	98
39) Methylcyclohexane	9.606	83	244548	35.266	ug/l	94
40) Benzene	8.618	78	964608	48.288	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	149080	52.617	ug/l	89
42) 1,2-Dichloroethane	8.677	62	339093	49.508	ug/l	98
43) Isopropyl Acetate	8.694	43	551955	55.213	ug/l #	87
44) Trichloroethene	9.359	130	237685	45.055	ug/l	98
45) 1,2-Dichloropropane	9.630	63	248452	49.989	ug/l	94
46) Dibromomethane	9.712	93	175517	47.945	ug/l	95
47) Bromodichloromethane	9.894	83	357020	52.503	ug/l	94
48) Methyl methacrylate	9.688	41	216603	51.631	ug/l	89
49) 1,4-Dioxane	9.700	88	83969	952.311	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1404476	266.798	ug/l	94
52) Toluene	10.635	92	599509	47.533	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	358580	50.633	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	392554	50.145	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	248026	51.985	ug/l	97
56) Ethyl methacrylate	10.882	69	359110	51.692	ug/l	92
57) 1,3-Dichloropropane	11.171	76	409820	50.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	657511	234.287	ug/l	93
59) 2-Hexanone	11.200	43	992350	270.734	ug/l	93
60) Dibromochloromethane	11.365	129	272034	52.105	ug/l	99
61) 1,2-Dibromoethane	11.477	107	247490	49.429	ug/l	99
64) Tetrachloroethene	11.112	164	179618	41.816	ug/l	99
65) Chlorobenzene	11.900	112	635022	46.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	251915	49.673	ug/l	98
67) Ethyl Benzene	11.971	91	1106711	46.516	ug/l	98
68) m/p-Xylenes	12.076	106	828389	91.361	ug/l	96
69) o-Xylene	12.406	106	416606	46.788	ug/l	95
70) Styrene	12.418	104	686838	48.997	ug/l	99
71) Bromoform	12.582	173	173147	52.904	ug/l #	100
73) Isopropylbenzene	12.700	105	967832	40.500	ug/l	100
74) N-amyl acetate	12.500	43	376893	47.894	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	356424	54.446	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	280249m	46.911	ug/l	
77) Bromobenzene	12.982	156	242137	43.649	ug/l	100
78) n-propylbenzene	13.041	91	1081799	41.666	ug/l	100
79) 2-Chlorotoluene	13.129	91	716009	42.723	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	784053	40.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	108089	55.587	ug/l	94
82) 4-Chlorotoluene	13.223	91	677818	43.335	ug/l	98
83) tert-Butylbenzene	13.447	119	650524	38.680	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	788094	42.015	ug/l	98
85) sec-Butylbenzene	13.623	105	806856	36.655	ug/l	100
86) p-Isopropyltoluene	13.735	119	667405	37.362	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	386715	41.213	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	380386	42.011	ug/l	100
89) n-Butylbenzene	14.059	91	511830	36.327	ug/l	97
90) Hexachloroethane	14.341	117	126342	39.855	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	391699	42.712	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52758	44.572	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	119382	36.537	ug/l	98
94) Hexachlorobutadiene	15.506	225	60355	36.986	ug/l	96
95) Naphthalene	15.647	128	406230	36.960	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	135551	37.093	ug/l	96

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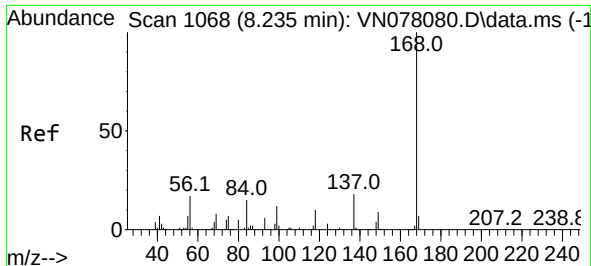
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/22/2023

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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



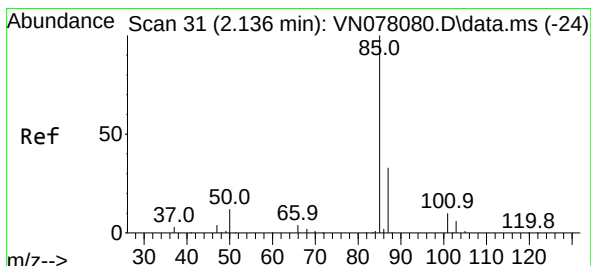
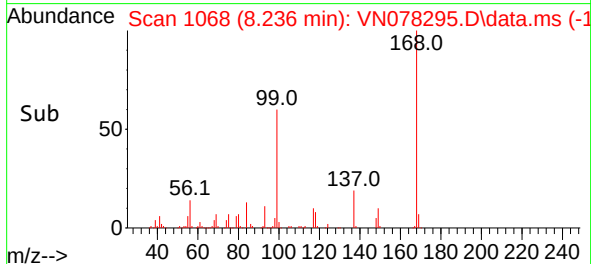
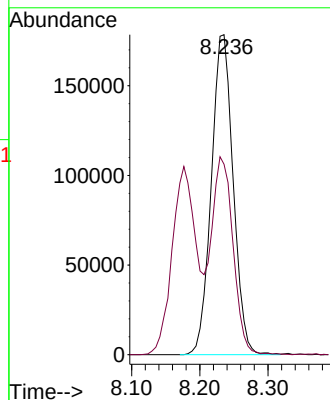
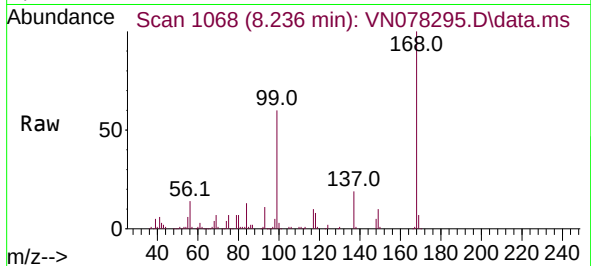
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 397934
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6

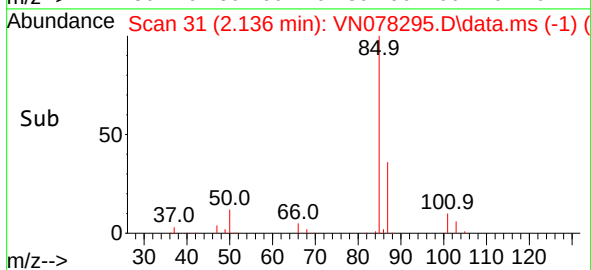
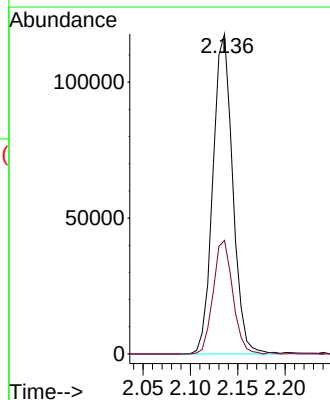
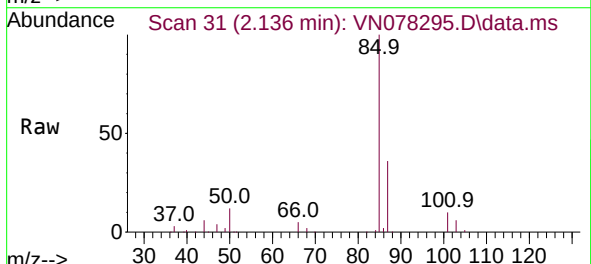
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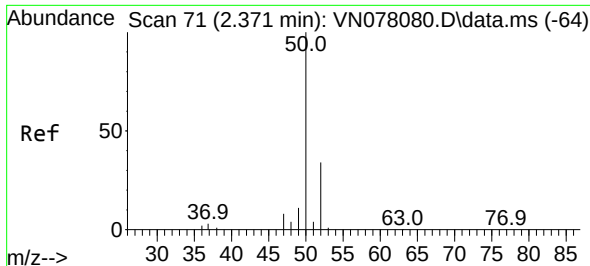
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 38.045 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

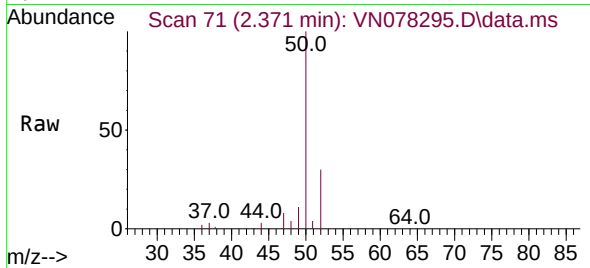
Tgt Ion: 85 Resp: 171136
Ion Ratio Lower Upper
85 100
87 35.5 15.8 47.4





#3
Chloromethane
Concen: 47.777 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

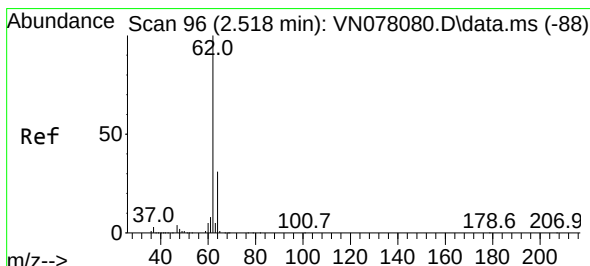
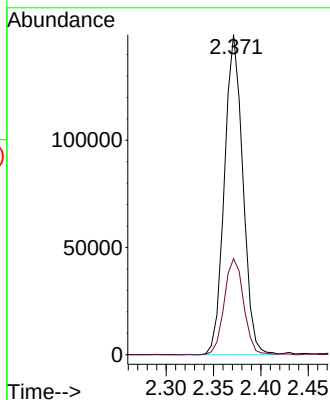
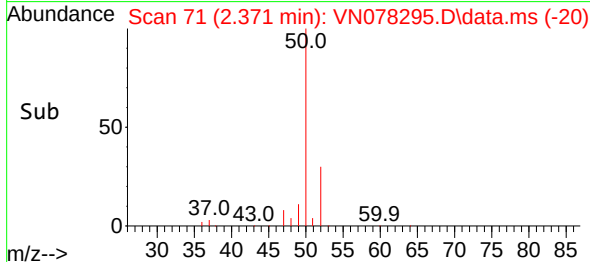
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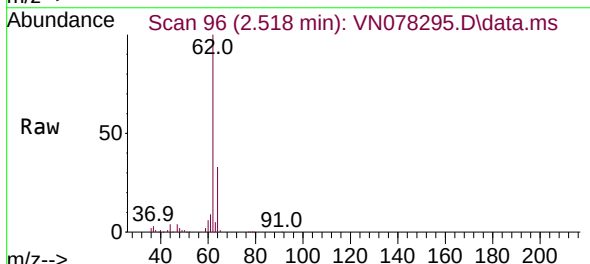
Tgt Ion: 50 Resp: 202520
Ion Ratio Lower Upper
50 100
52 30.0 26.5 39.7

Manual Integrations
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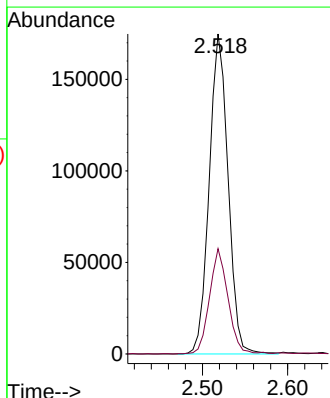
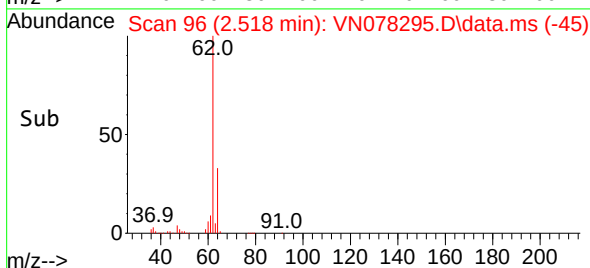
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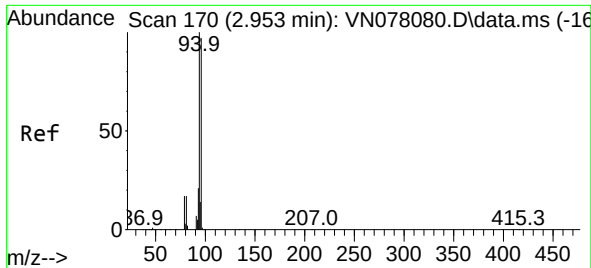


#4
Vinyl Chloride
Concen: 45.655 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51



Tgt Ion: 62 Resp: 268921
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





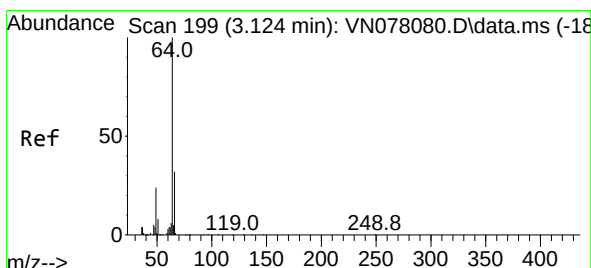
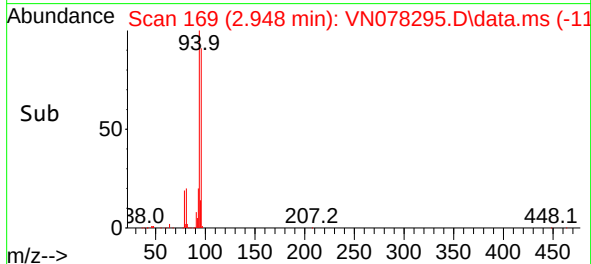
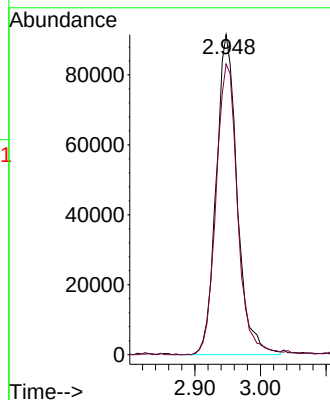
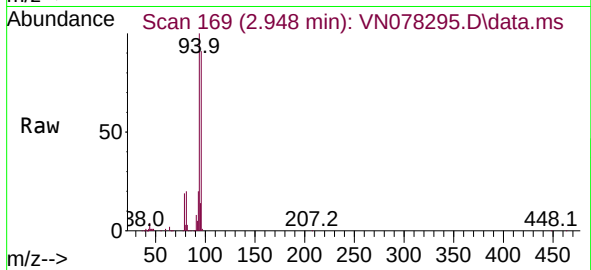
#5
Bromomethane
Concen: 45.602 ug/l
RT: 2.948 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN078295.D
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Tgt Ion: 94 Resp: 202990
Ion Ratio Lower Upper
94 100
96 90.8 73.1 109.7

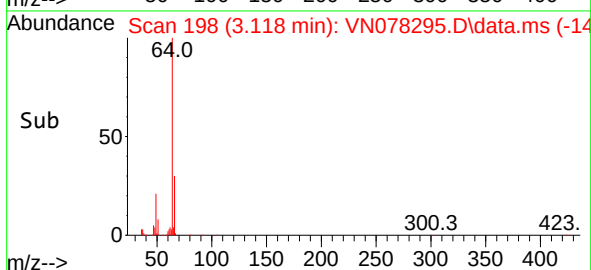
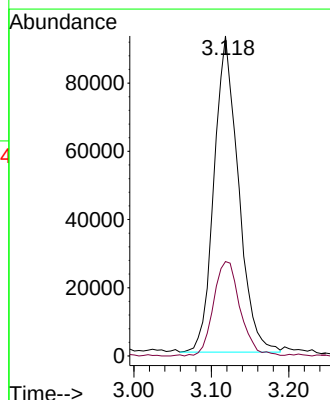
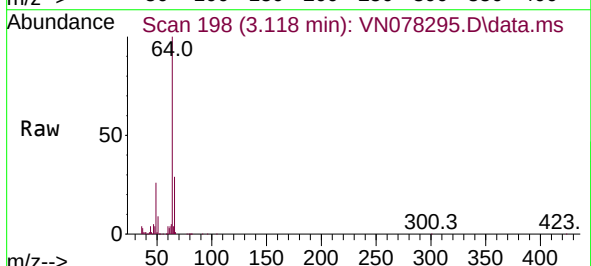
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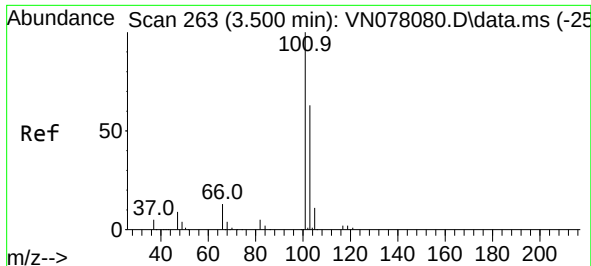
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#6
Chloroethane
Concen: 50.489 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 202731
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





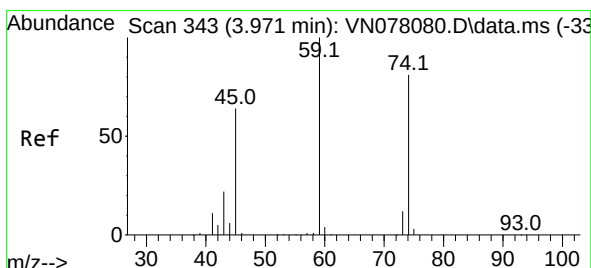
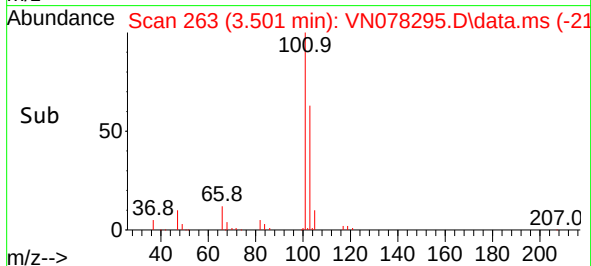
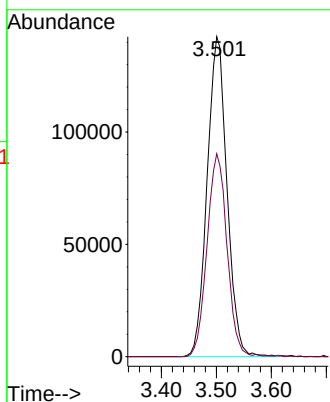
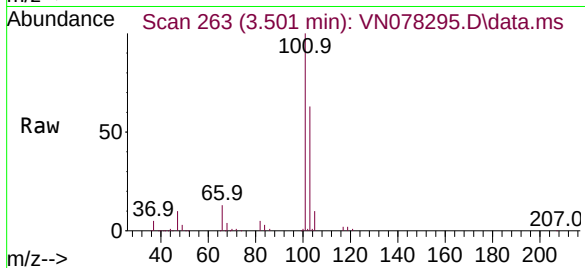
#7
 Trichlorofluoromethane
 Concen: 44.730 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078295.D
 Acq: 19 Jun 2023 21:51

Instrument :
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 VSTDCCC050EC

Tgt Ion:101 Resp: 35728
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

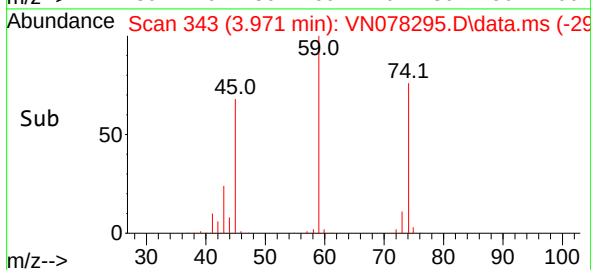
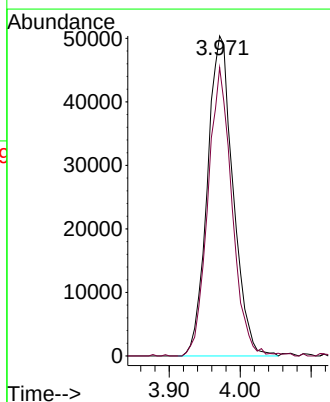
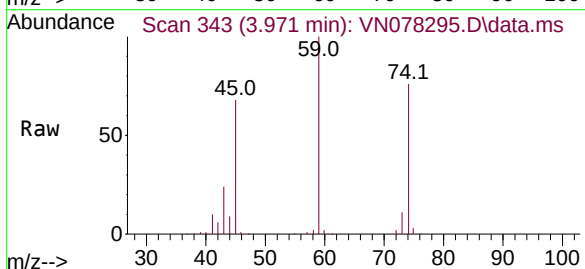
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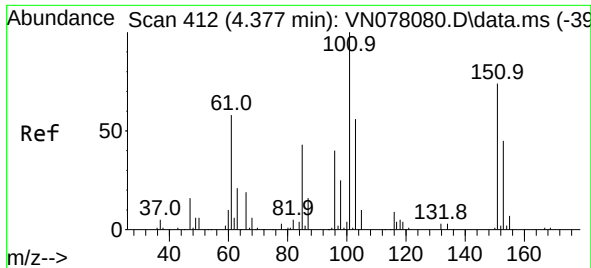
Reviewed By :John Carlone 06/20/2023
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#8
 Diethyl Ether
 Concen: 45.080 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 126520
 Ion Ratio Lower Upper
 74 100
 45 84.3 34.4 103.3





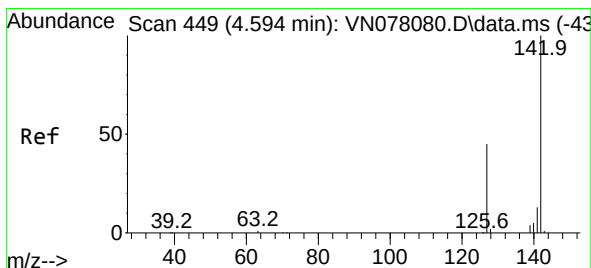
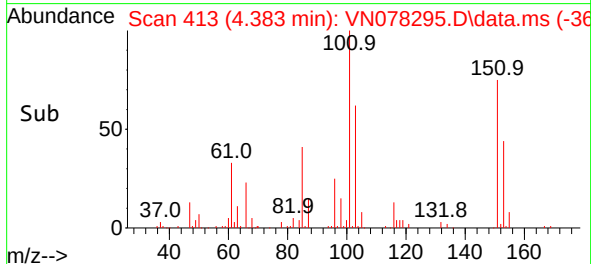
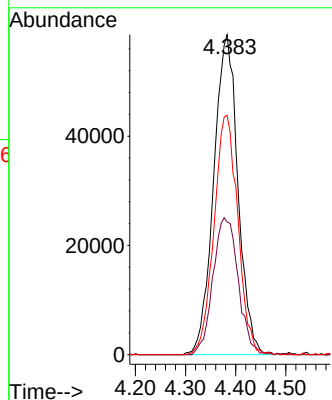
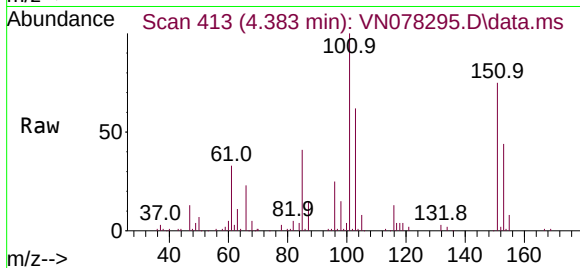
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.677 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 196760
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 73.7 57.6 86.4

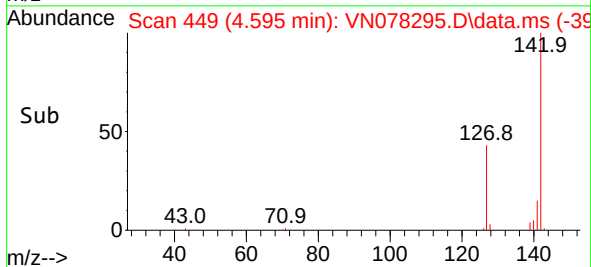
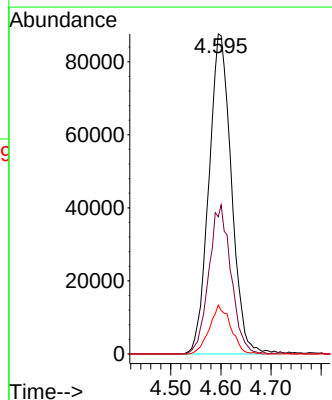
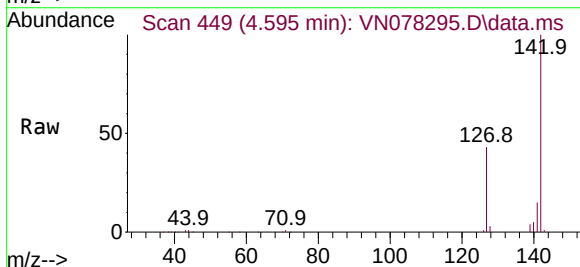
Manual Integrations
APPROVED

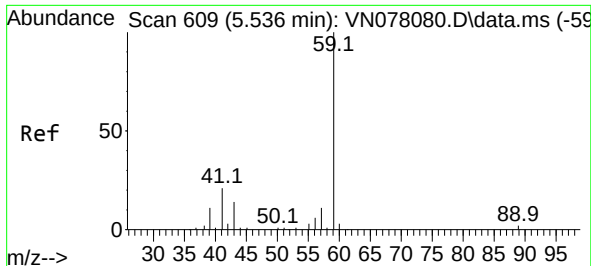
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 45.885 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

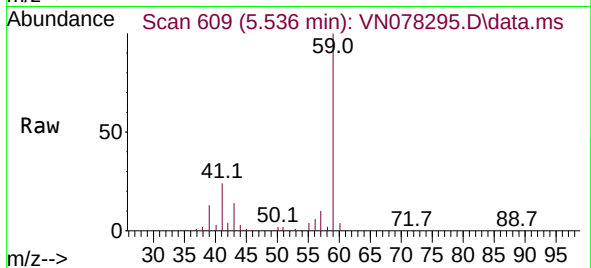
Tgt Ion:142 Resp: 273544
Ion Ratio Lower Upper
142 100
127 42.8 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 238.388 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

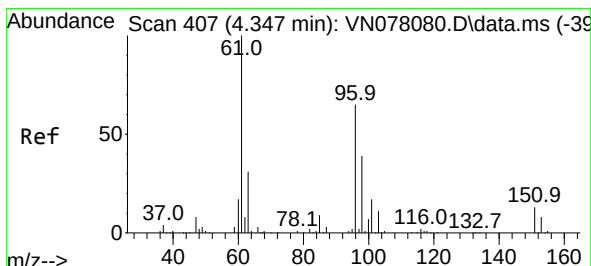
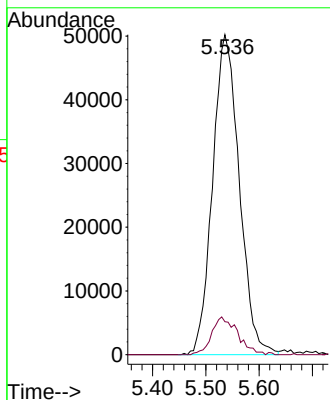
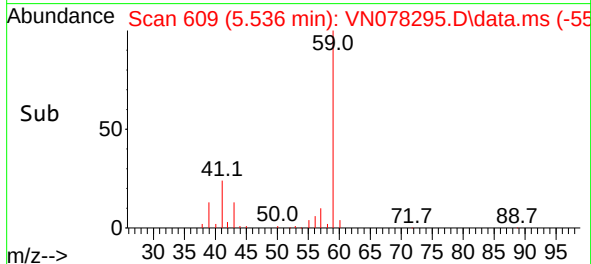
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



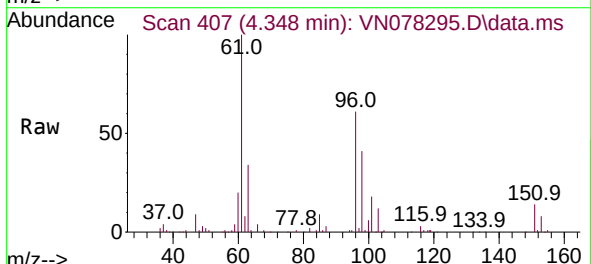
Tgt Ion: 59 Resp: 174644
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4

Manual Integrations
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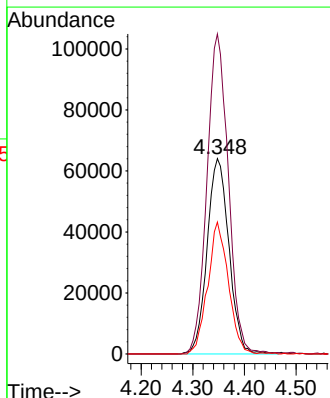
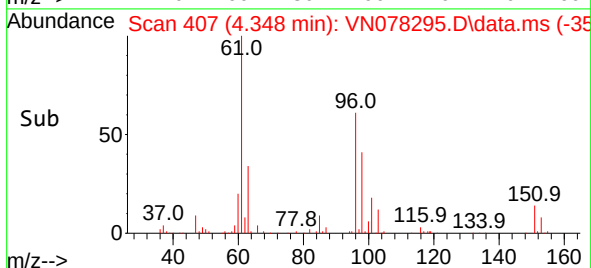
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023

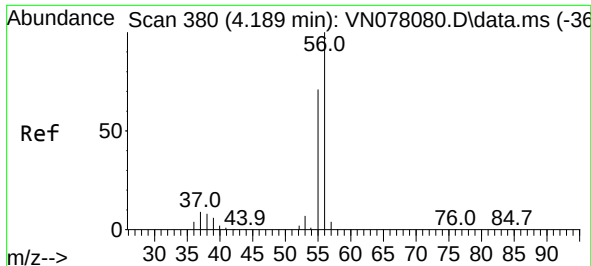


#12
1,1-Dichloroethene
Concen: 43.265 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51



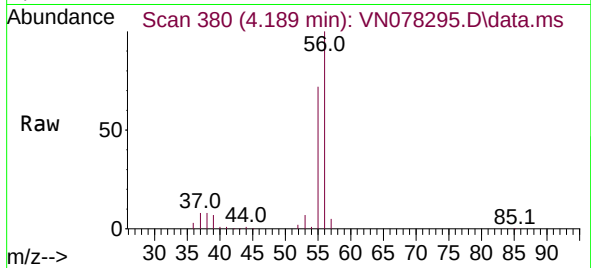
Tgt Ion: 96 Resp: 188005
Ion Ratio Lower Upper
96 100
61 163.8 112.7 169.1
98 67.5 51.2 76.8





#13
Acrolein
Concen: 287.780 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

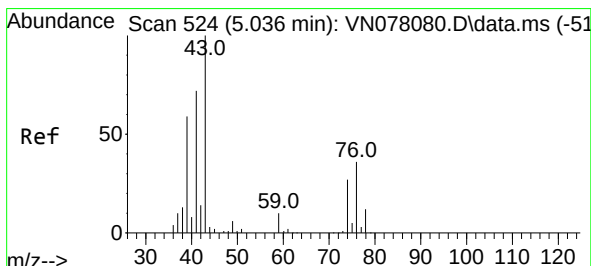
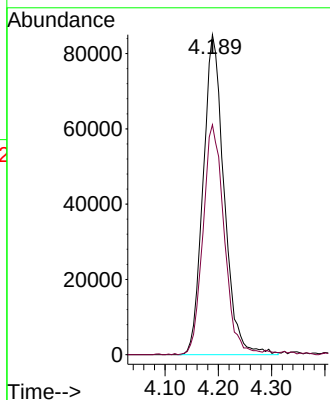
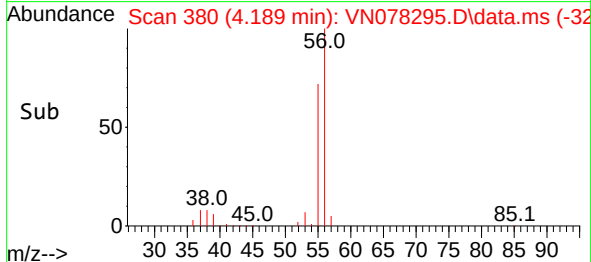
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 23236
Ion Ratio Lower Upper
56 100
55 72.5 54.5 81.7

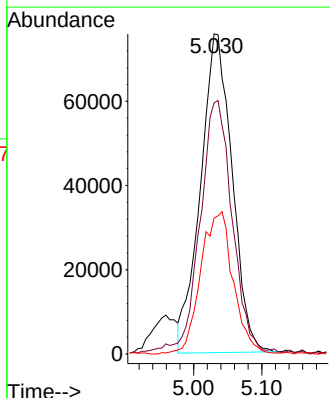
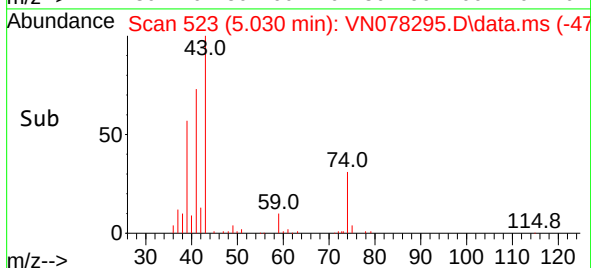
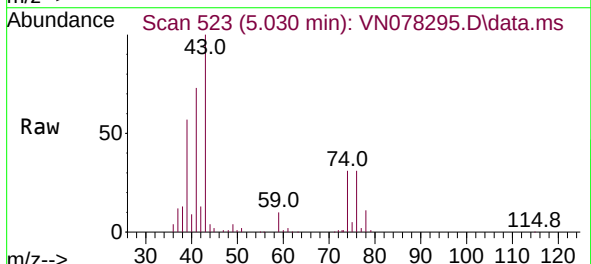
Manual Integrations
APPROVED

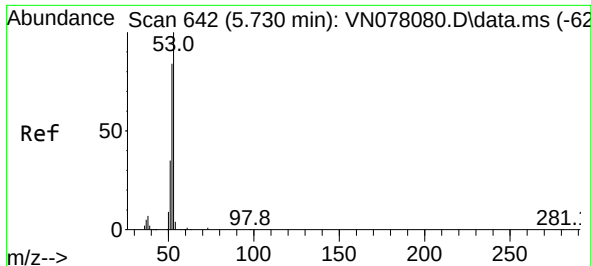
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#14
Allyl chloride
Concen: 46.053 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

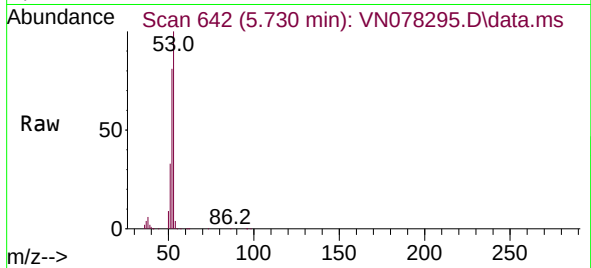
Tgt Ion: 41 Resp: 244286
Ion Ratio Lower Upper
41 100
39 81.6 58.8 88.2
76 45.8 39.1 58.7





#15
Acrylonitrile
Concen: 268.175 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

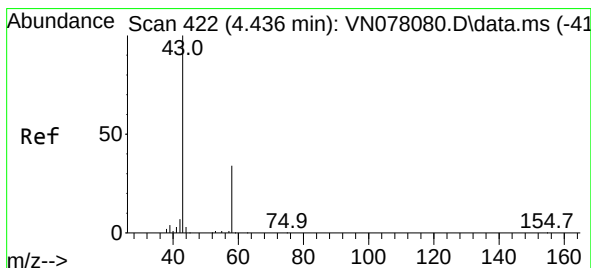
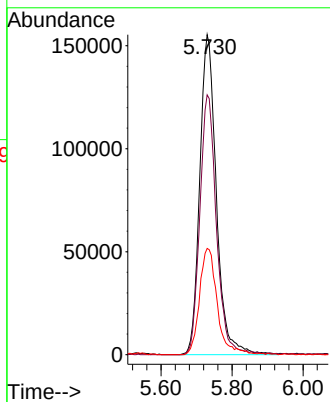
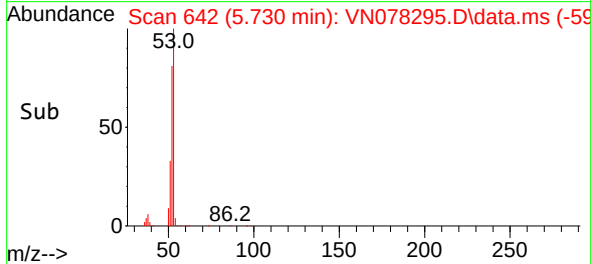
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 506520
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 35.3 28.9 43.3

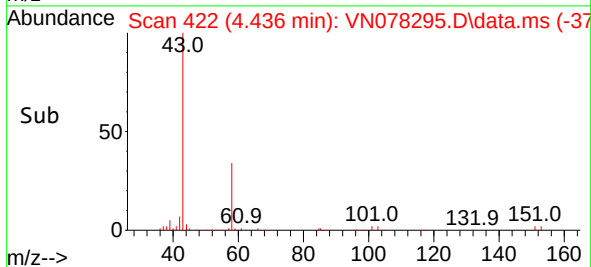
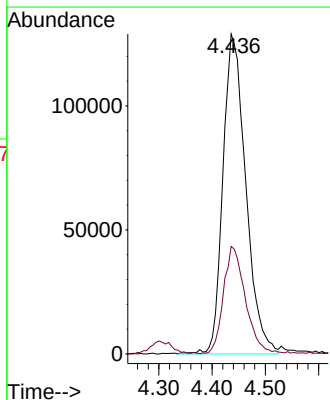
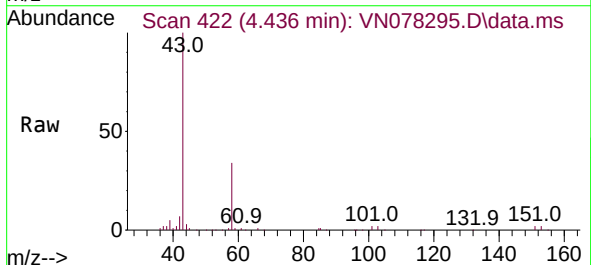
Manual Integrations
APPROVED

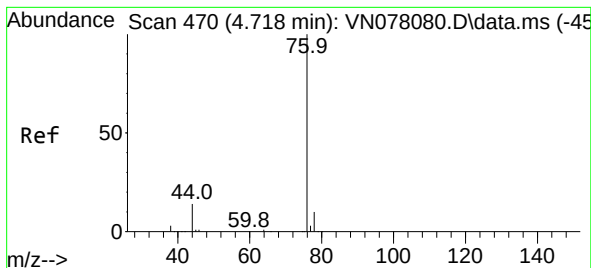
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 251.814 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion: 43 Resp: 384563
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17

Carbon Disulfide

Concen: 39.267 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 439190

Ion Ratio Lower Upper

76 100

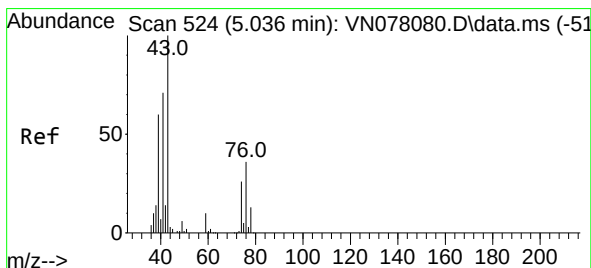
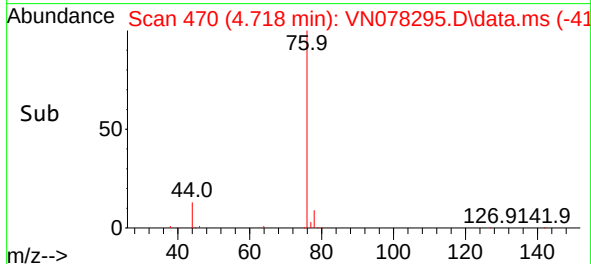
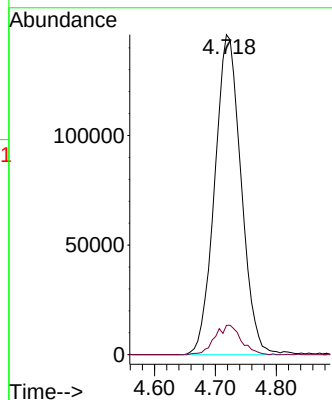
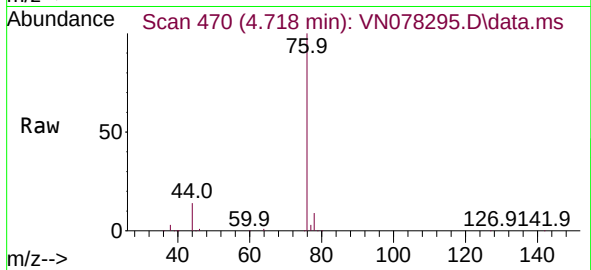
78 9.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/22/2023



#18

Methyl Acetate

Concen: 50.912 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078295.D

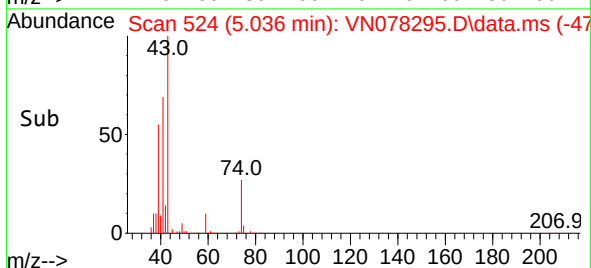
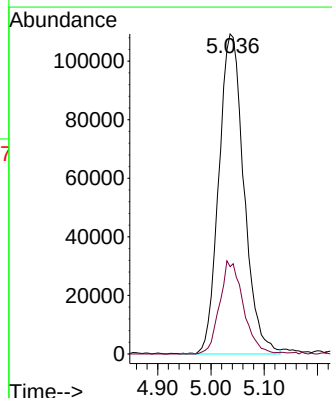
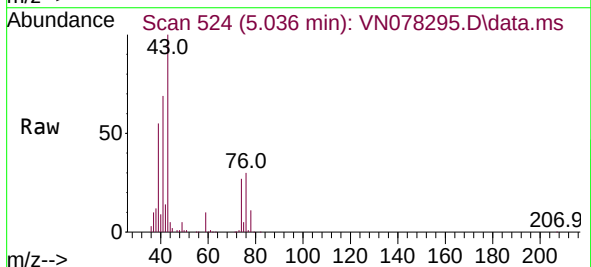
Acq: 19 Jun 2023 21:51

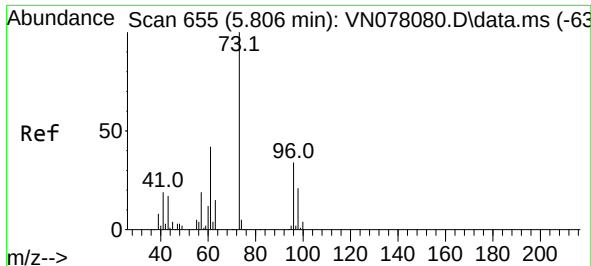
Tgt Ion: 43 Resp: 357963

Ion Ratio Lower Upper

43 100

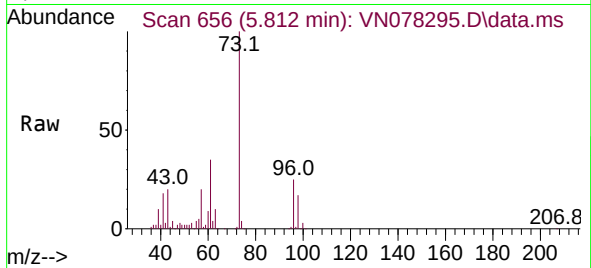
74 27.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.707 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

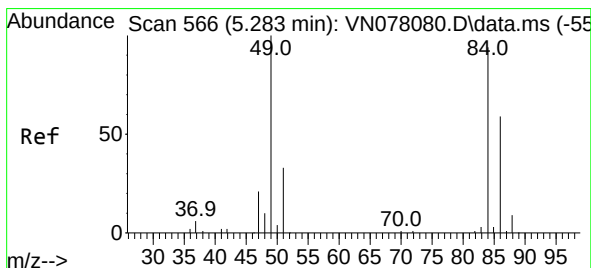
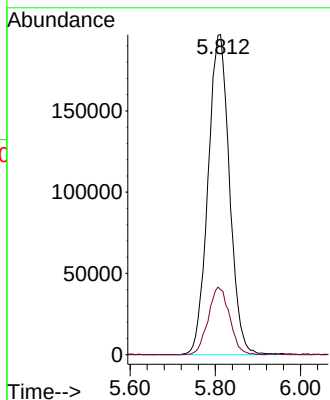
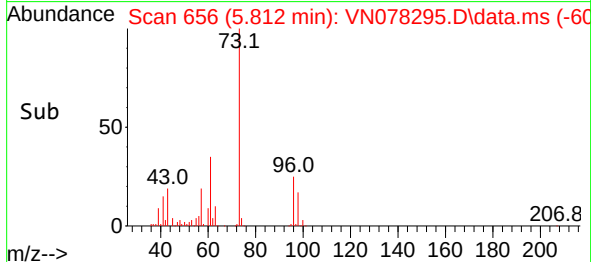
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 68916
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4

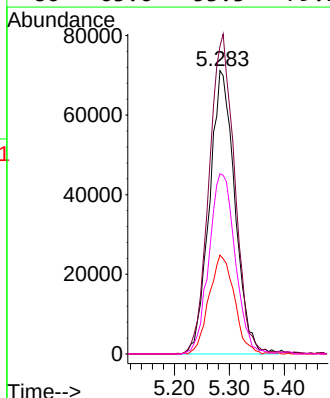
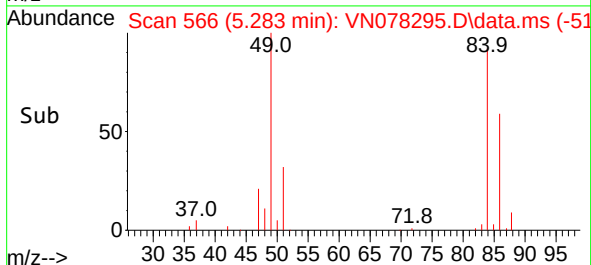
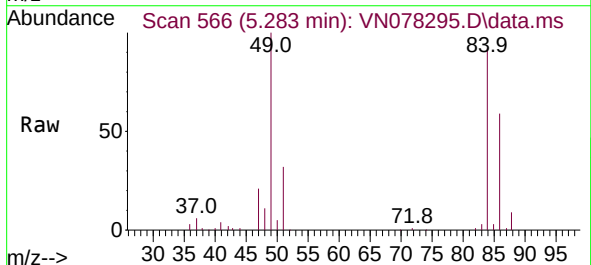
Manual Integrations
APPROVED

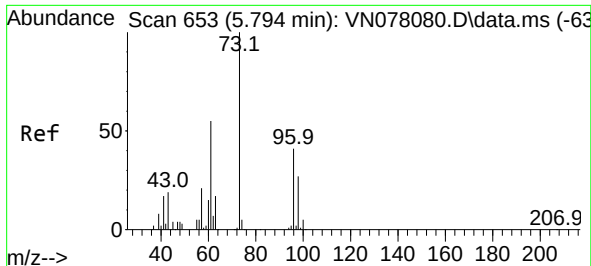
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 45.330 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

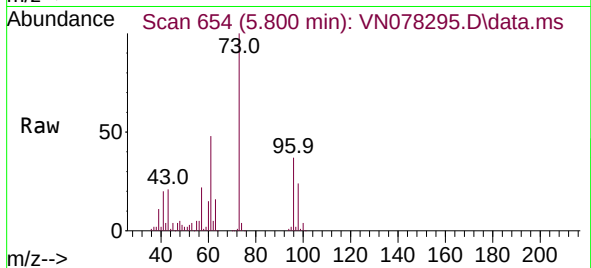
Tgt Ion: 84 Resp: 228760
Ion Ratio Lower Upper
84 100
49 108.3 79.7 119.5
51 34.9 25.2 37.8
86 63.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 44.192 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

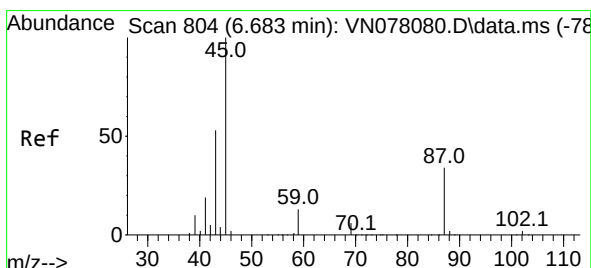
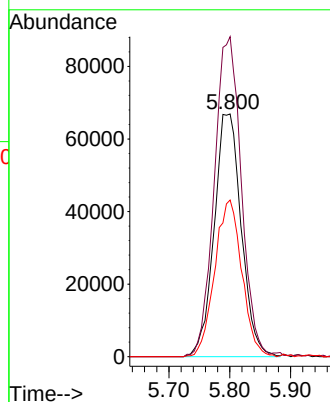
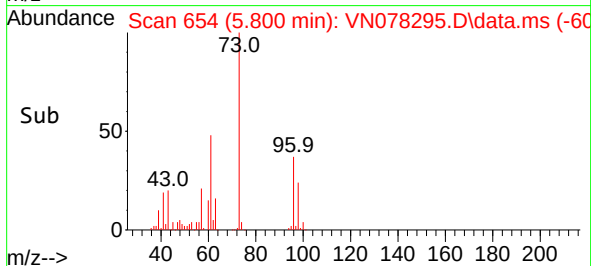
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 207119
Ion Ratio Lower Upper
96 100
61 131.8 90.1 135.1
98 64.5 46.4 69.6

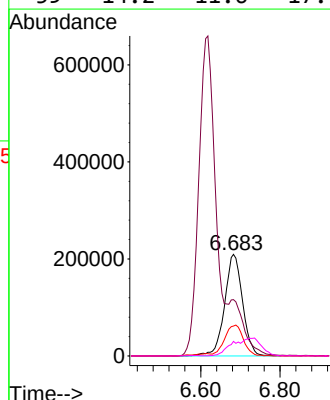
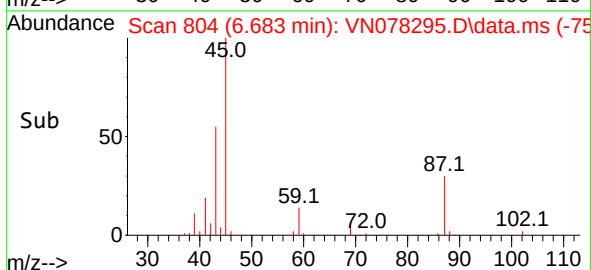
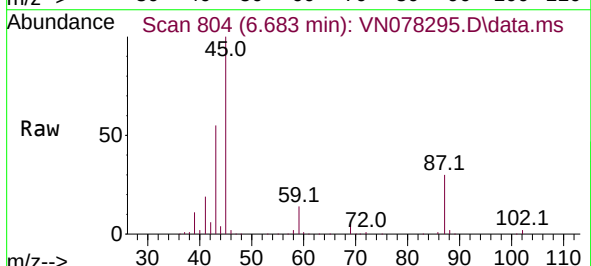
Manual Integrations
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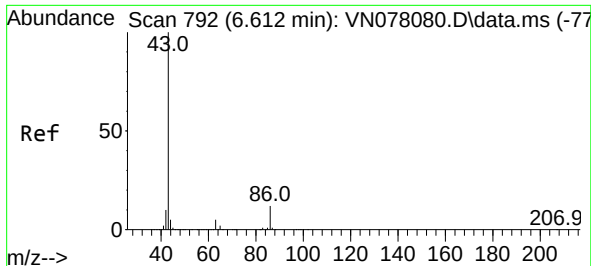
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 52.825 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

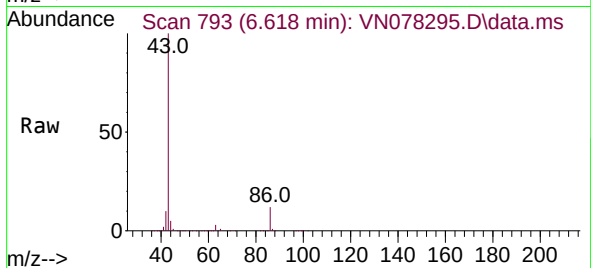
Tgt Ion: 45 Resp: 659120
Ion Ratio Lower Upper
45 100
43 55.1 45.5 68.3
87 29.5 31.8 47.8#
59 14.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 264.706 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078295.D
 Acq: 19 Jun 2023 21:51

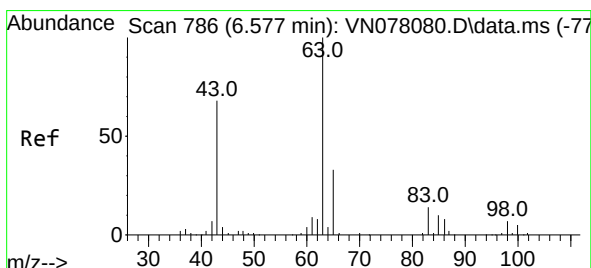
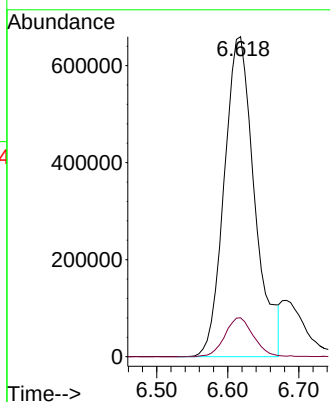
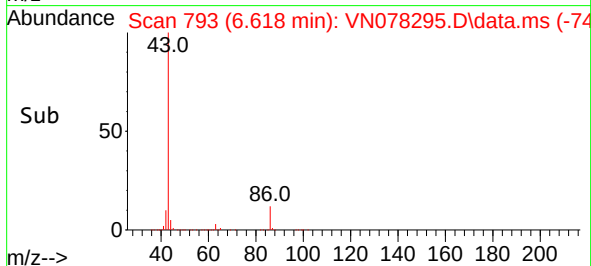
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 196335
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

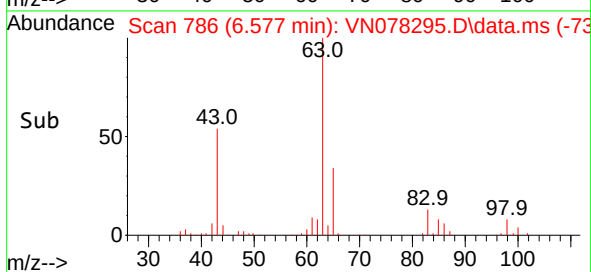
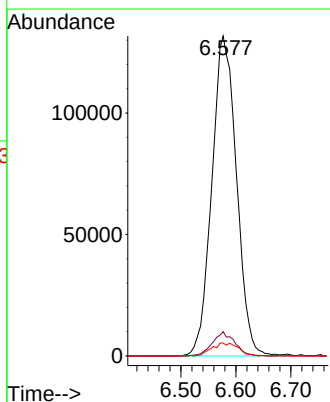
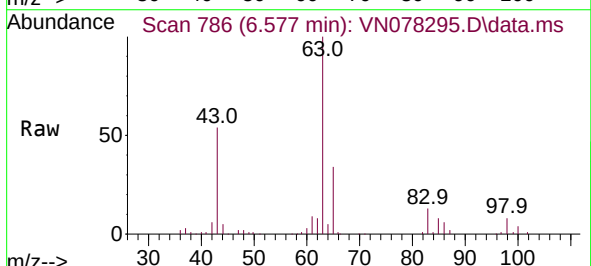
Manual Integrations
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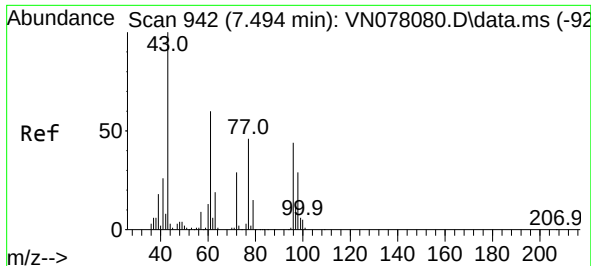
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#24
 1,1-Dichloroethane
 Concen: 49.899 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078295.D
 Acq: 19 Jun 2023 21:51

Tgt Ion: 63 Resp: 410718
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 264.124 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 620284

Ion Ratio Lower Upper

43 100

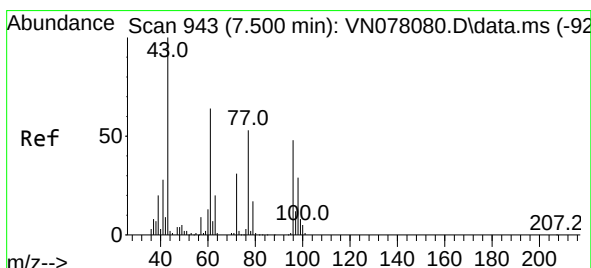
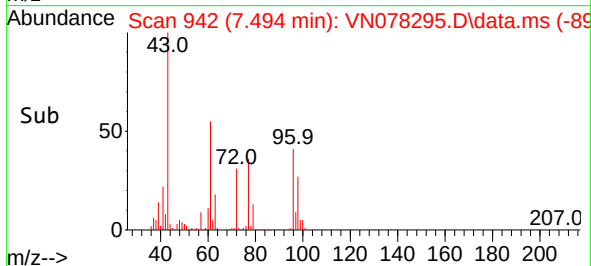
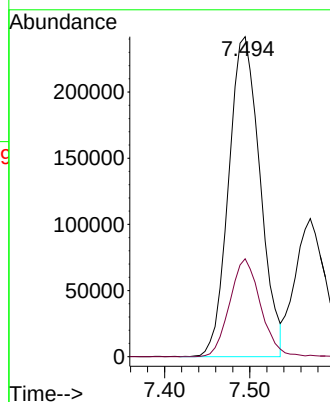
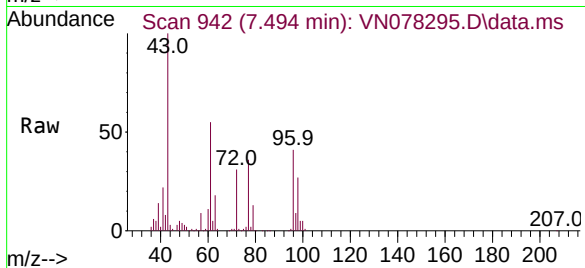
72 30.6 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/22/2023



#26

2,2-Dichloropropane

Concen: 43.693 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078295.D

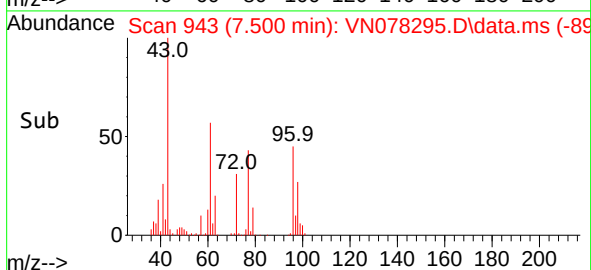
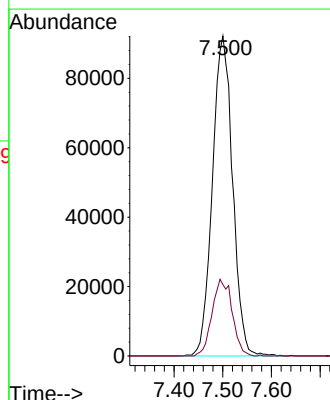
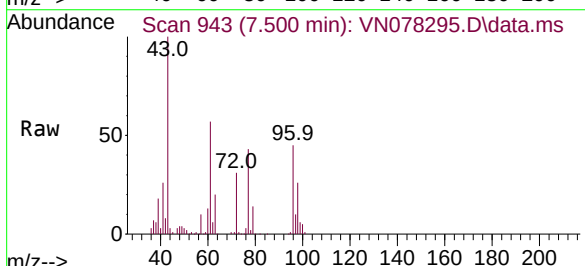
Acq: 19 Jun 2023 21:51

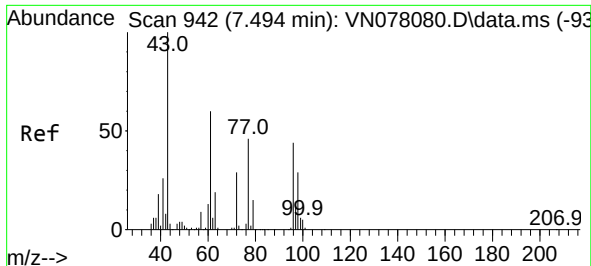
Tgt Ion: 77 Resp: 265550

Ion Ratio Lower Upper

77 100

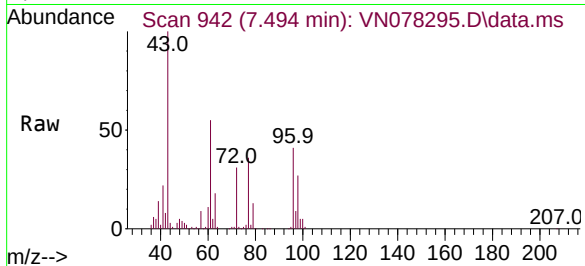
97 23.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.677 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078295.D
 Acq: 19 Jun 2023 21:51

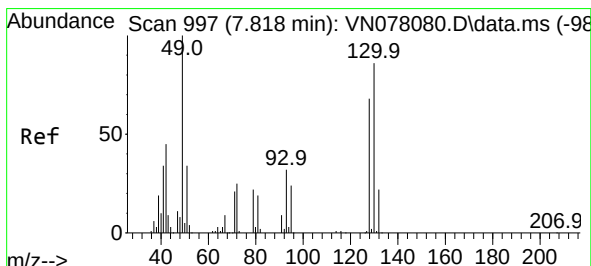
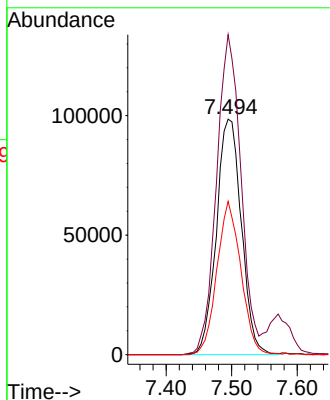
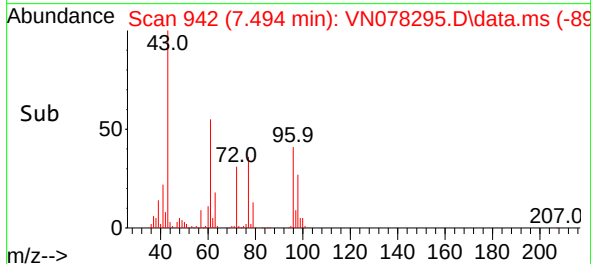
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 26094
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 255.2
 98 62.4 0.0 128.8

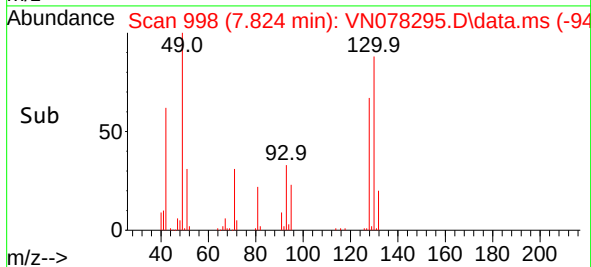
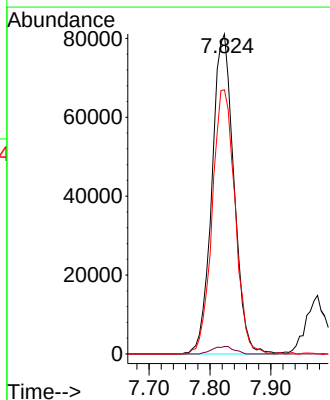
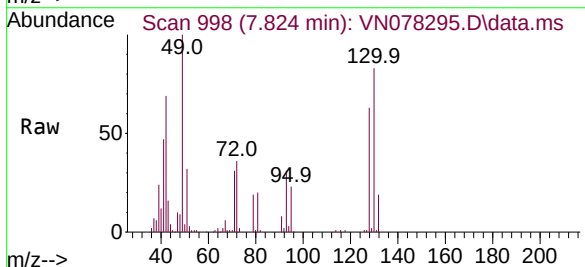
Manual Integrations
 APPROVED

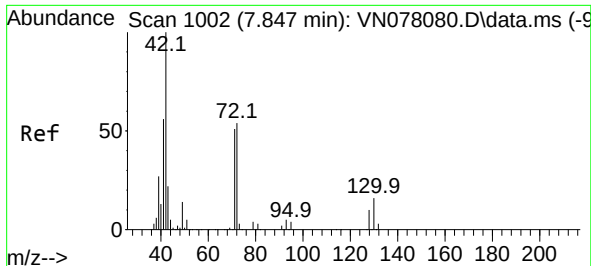
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 53.716 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078295.D
 Acq: 19 Jun 2023 21:51

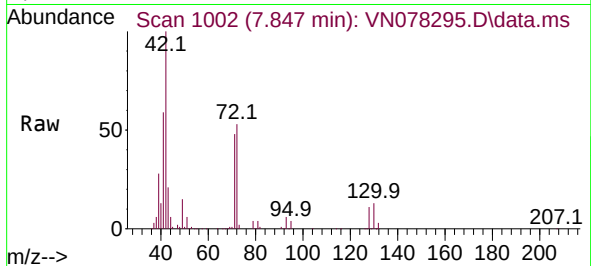
Tgt Ion: 49 Resp: 203003
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 85.5 75.3 112.9





#29
Tetrahydrofuran
Concen: 262.173 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

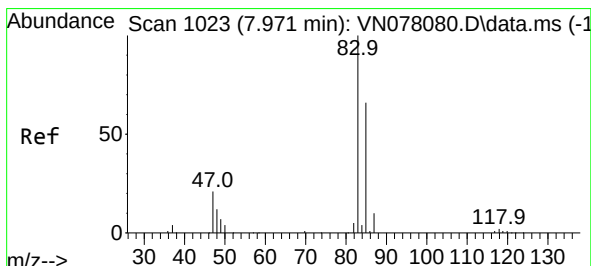
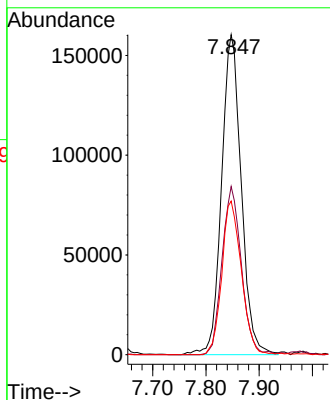
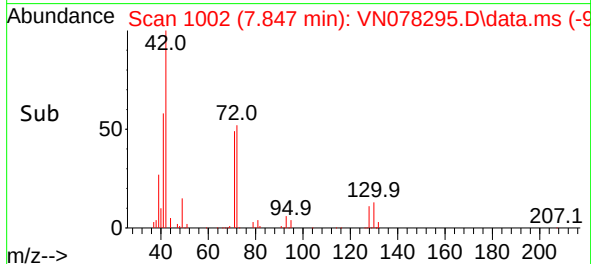
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 41160
Ion Ratio Lower Upper
42 100
72 51.5 49.8 74.6
71 47.6 47.4 71.2

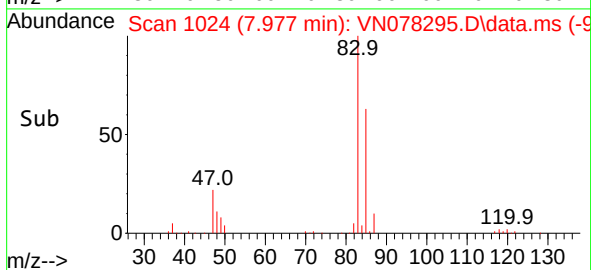
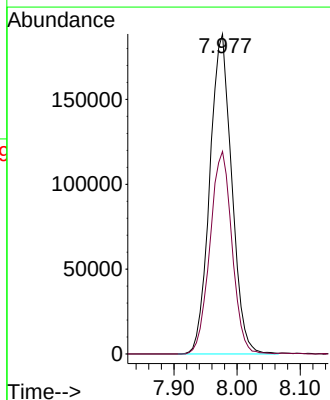
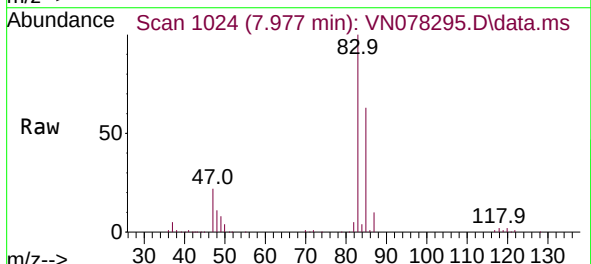
Manual Integrations
APPROVED

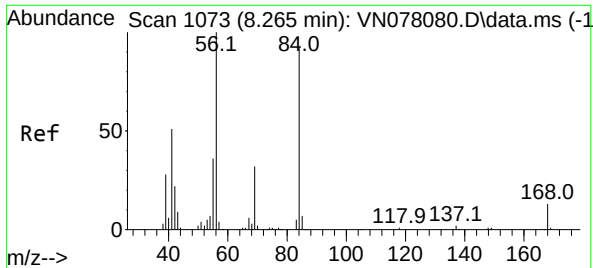
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#30
Chloroform
Concen: 51.356 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

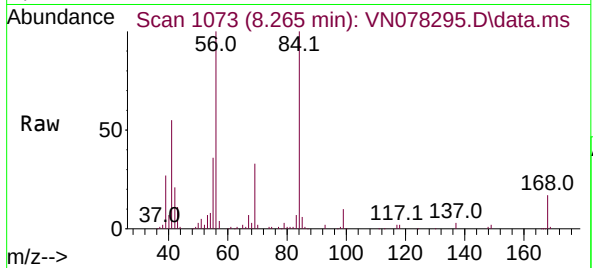
Tgt Ion: 83 Resp: 455184
Ion Ratio Lower Upper
83 100
85 63.3 55.4 83.0





#31
Cyclohexane
Concen: 41.071 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

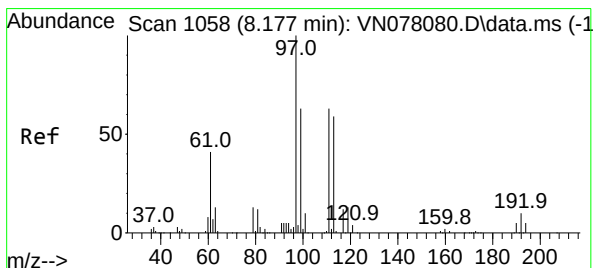
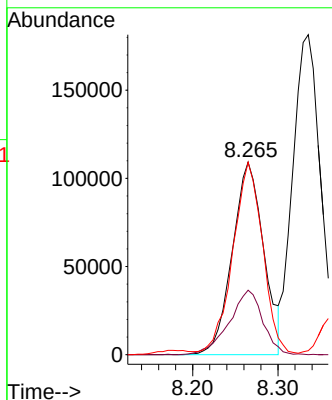
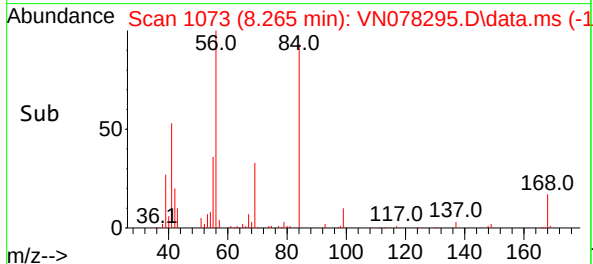
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 279520
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 97.8 81.8 122.6

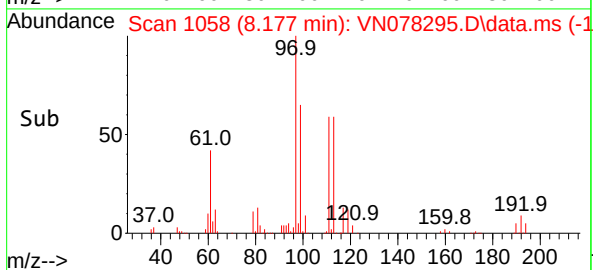
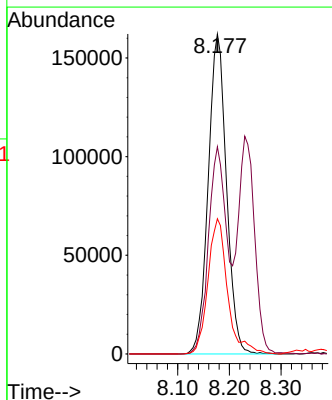
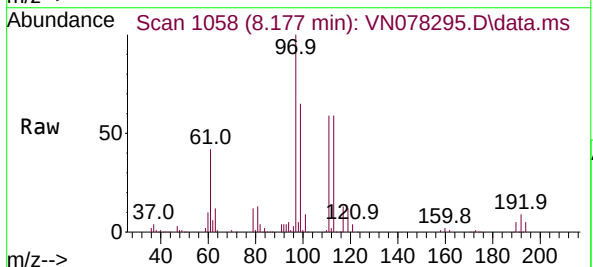
Manual Integrations
APPROVED

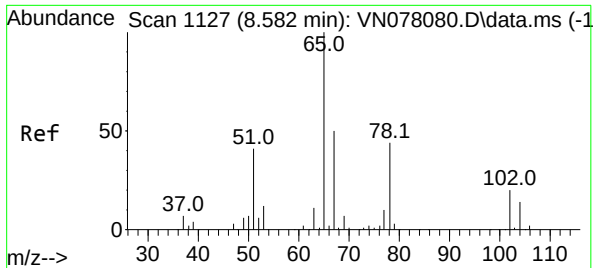
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#32
1,1,1-Trichloroethane
Concen: 51.150 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion: 97 Resp: 398016
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 45.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.679 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 26888

Ion Ratio Lower Upper

65 100

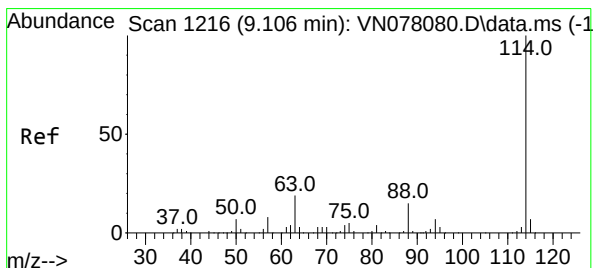
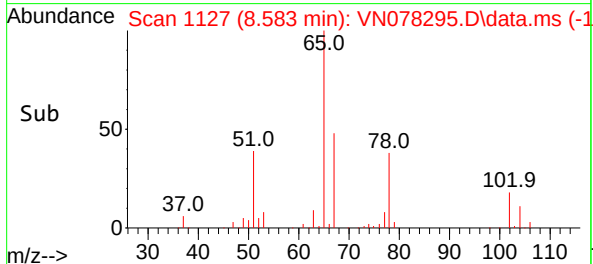
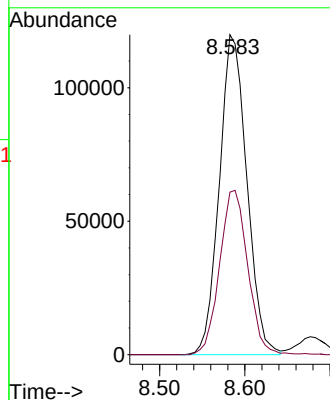
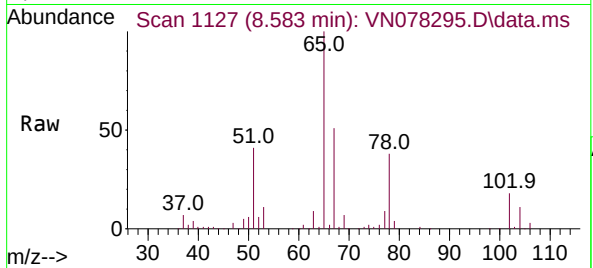
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

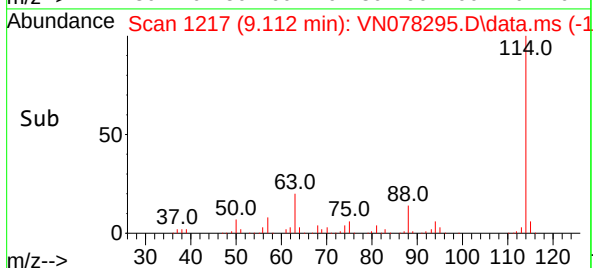
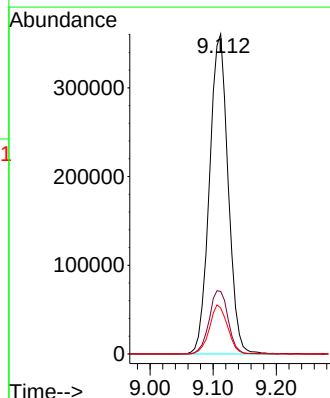
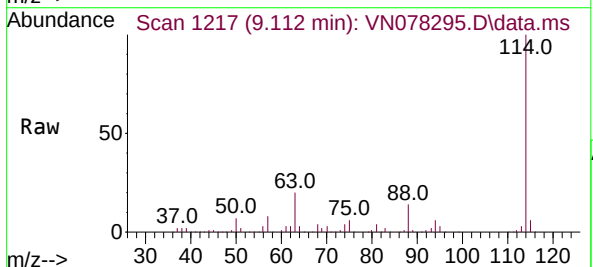
Tgt Ion:114 Resp: 737780

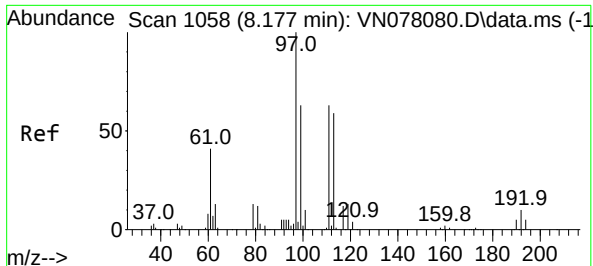
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.637 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 226880

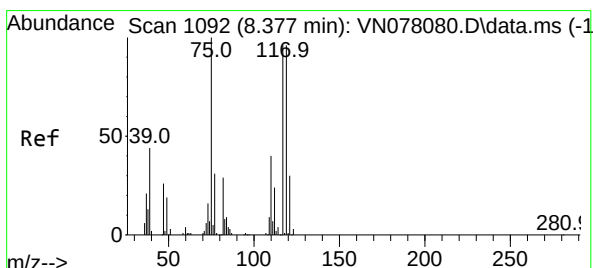
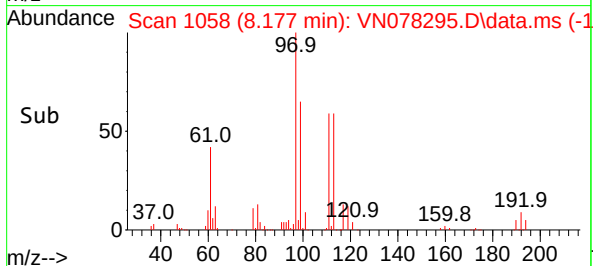
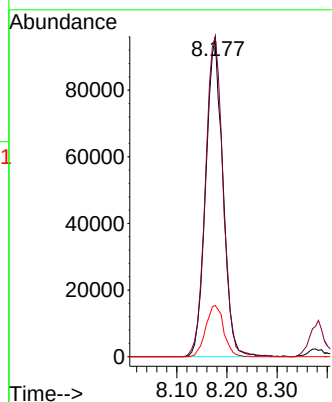
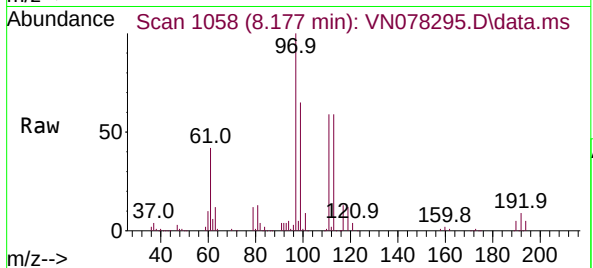
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	16.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/20/2023

Supervised By : Mahesh Dadoda 06/22/2023



#36

1,1-Dichloropropene

Concen: 46.829 ug/l

RT: 8.377 min Scan# 1092

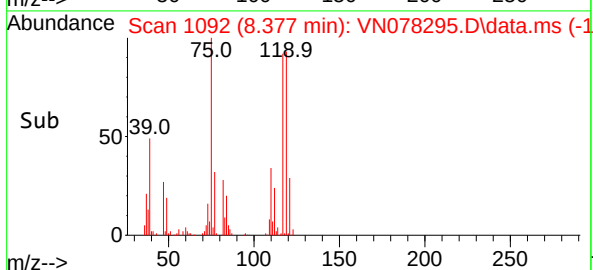
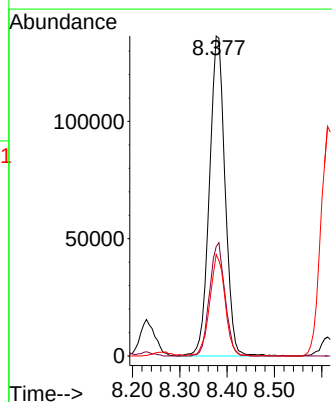
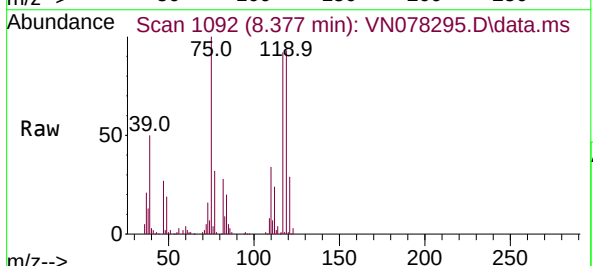
Delta R.T. 0.000 min

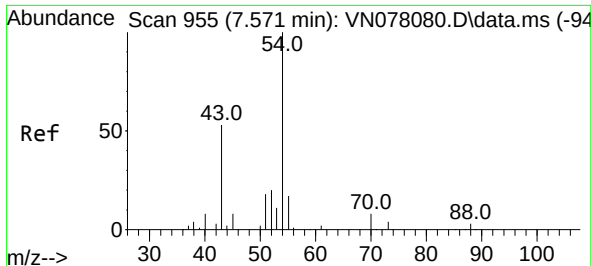
Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Tgt Ion: 75 Resp: 313344

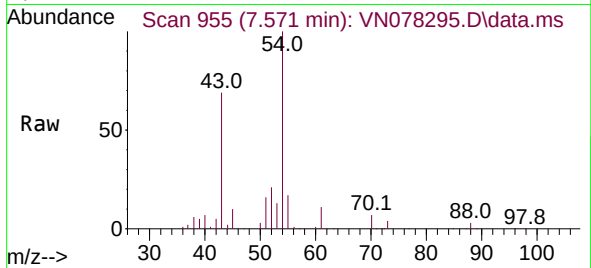
Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.1	57.3
77	31.1	25.0	37.4





#37
Ethyl Acetate
Concen: 51.013 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

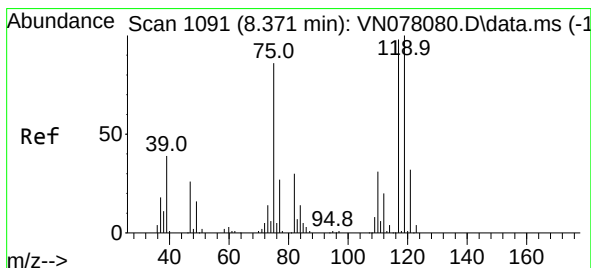
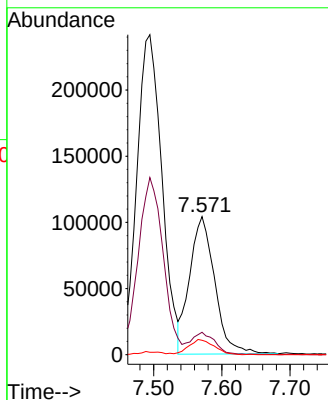
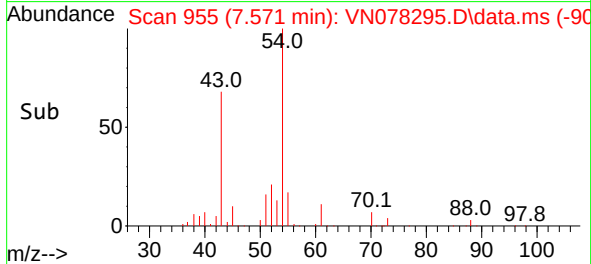
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 266652
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 10.9 11.3 16.9

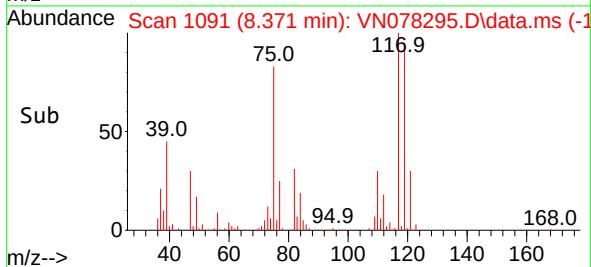
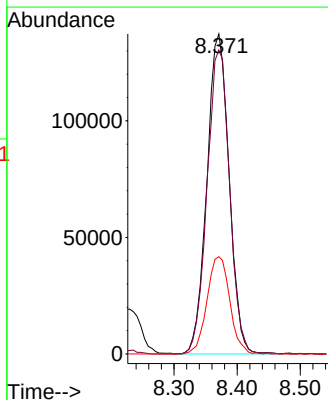
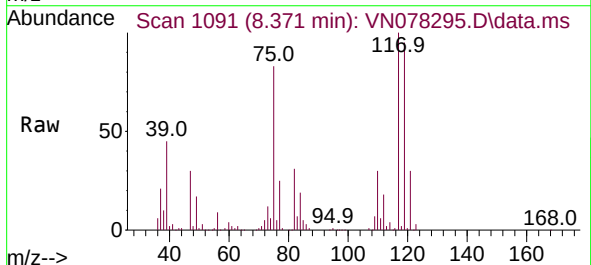
Manual Integrations
APPROVED

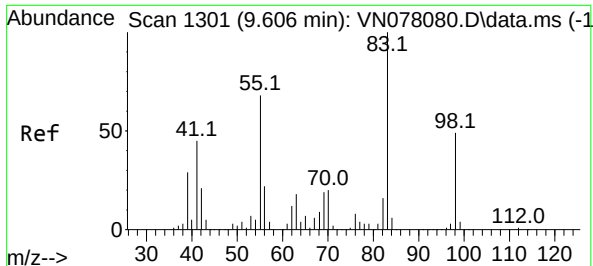
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#38
Carbon Tetrachloride
Concen: 47.565 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion:117 Resp: 336061
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
121 30.4 23.3 34.9





#39

Methylcyclohexane

Concen: 35.266 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 244548

Ion Ratio Lower Upper

83 100

55 69.0 49.1 73.7

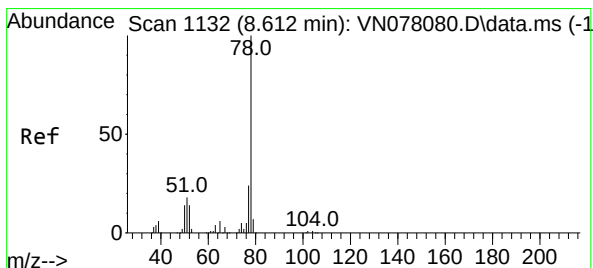
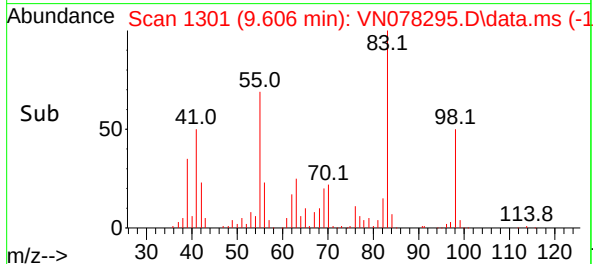
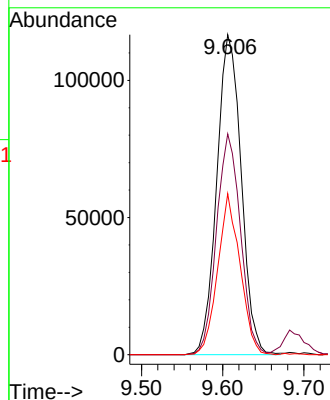
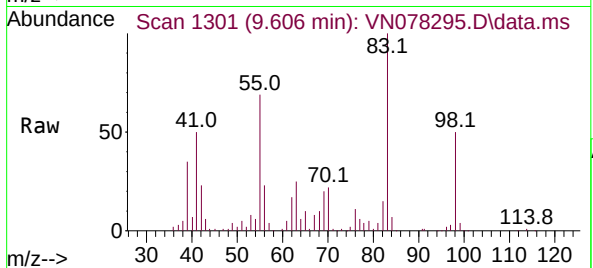
98 50.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 48.288 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN078295.D

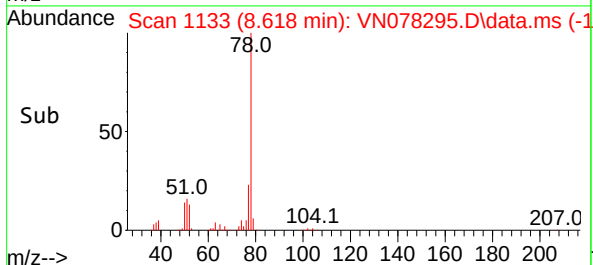
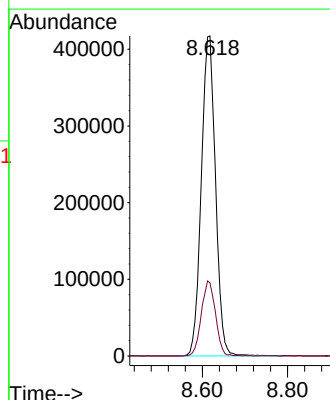
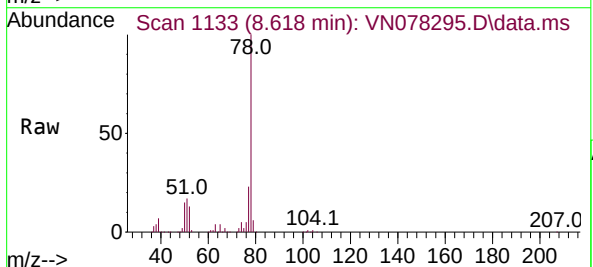
Acq: 19 Jun 2023 21:51

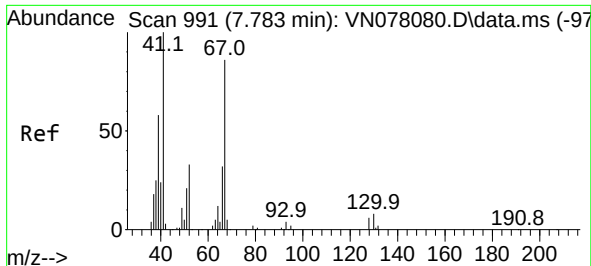
Tgt Ion: 78 Resp: 964608

Ion Ratio Lower Upper

78 100

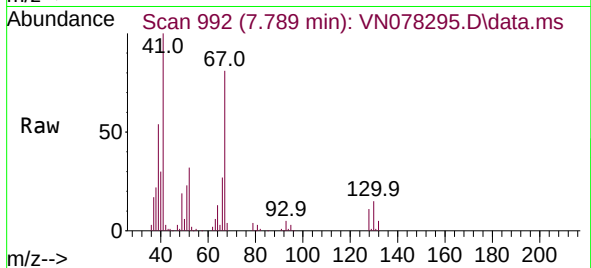
77 22.9 19.0 28.6





#41
Methacrylonitrile
Concen: 52.617 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

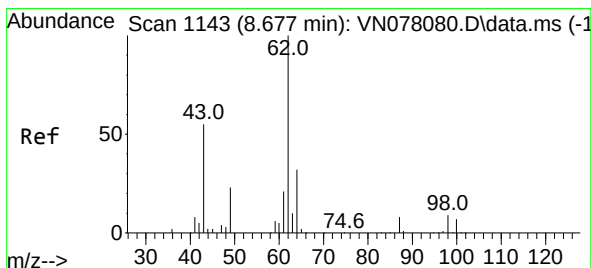
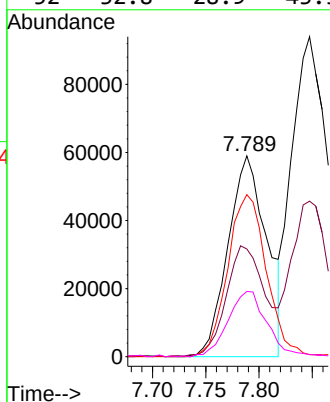
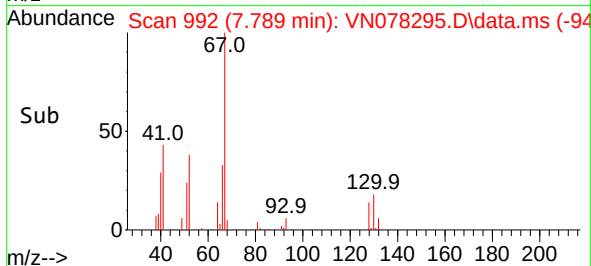
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 149080
Ion Ratio Lower Upper
41 100
39 56.0 42.6 64.0
67 81.1 77.5 116.3
52 32.8 28.9 43.3

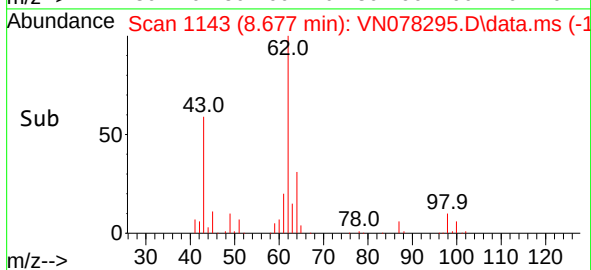
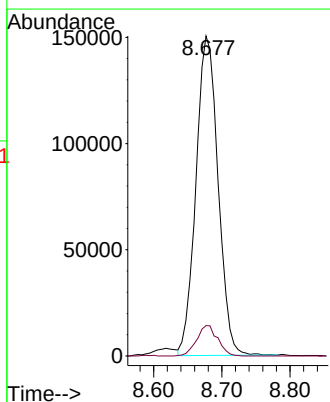
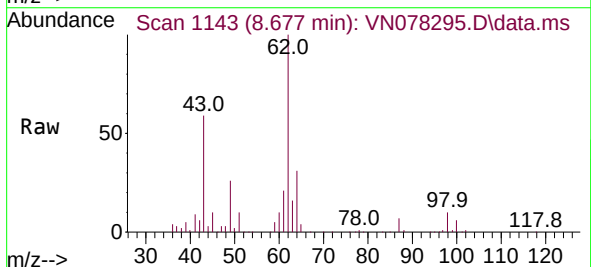
Manual Integrations
APPROVED

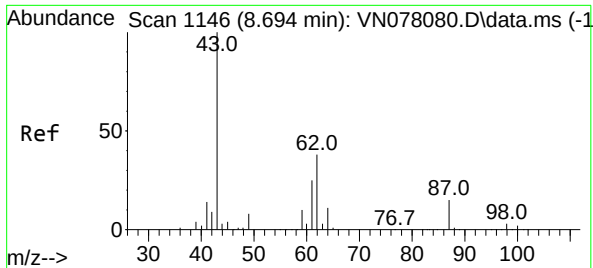
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 49.508 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

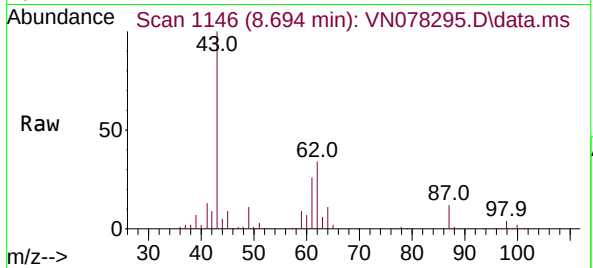
Tgt Ion: 62 Resp: 339093
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 55.213 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

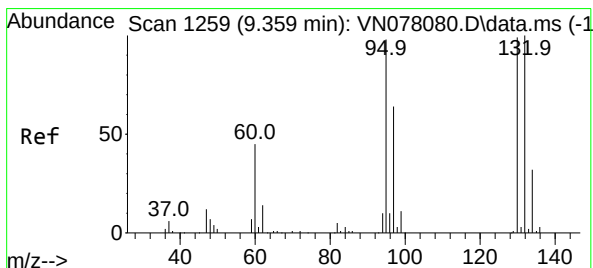
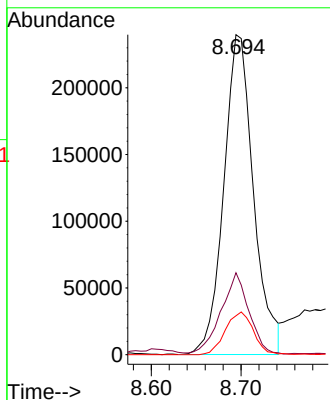
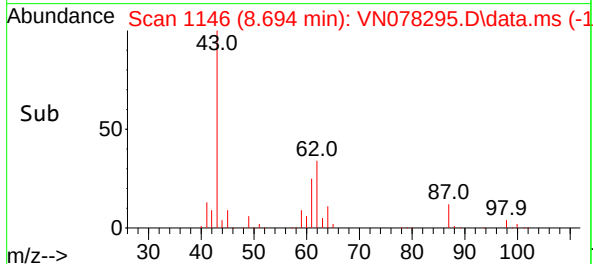
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 55195
Ion Ratio Lower Upper
43 100
61 23.7 24.7 37.1
87 12.6 14.6 21.8

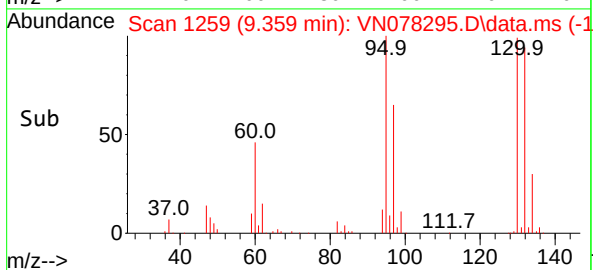
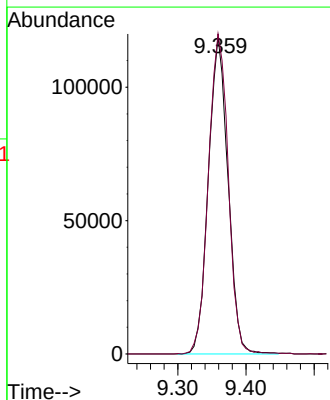
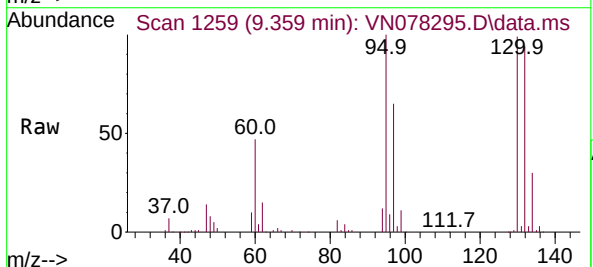
Manual Integrations
APPROVED

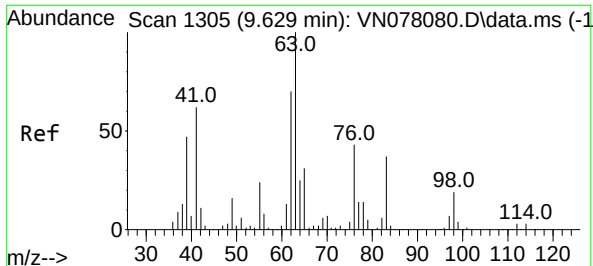
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#44
Trichloroethene
Concen: 45.055 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion:130 Resp: 237685
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.989 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 24845

Ion Ratio Lower Upper

63 100

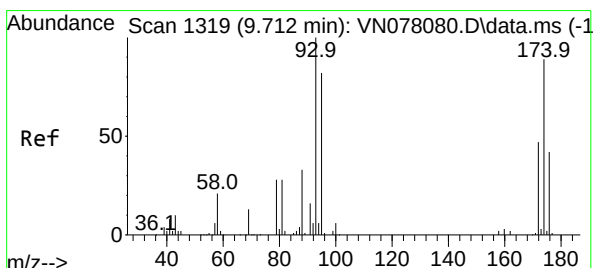
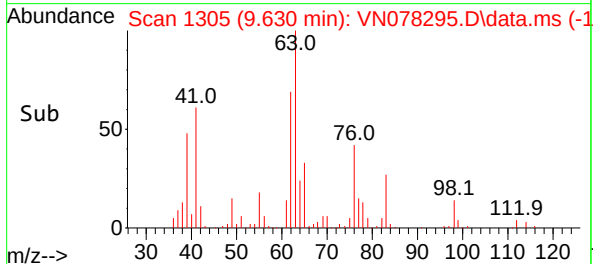
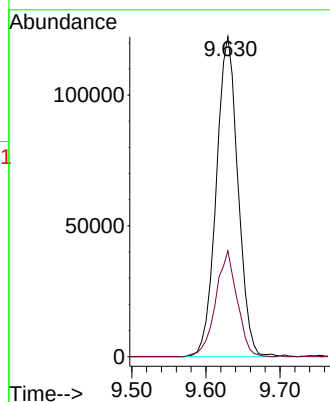
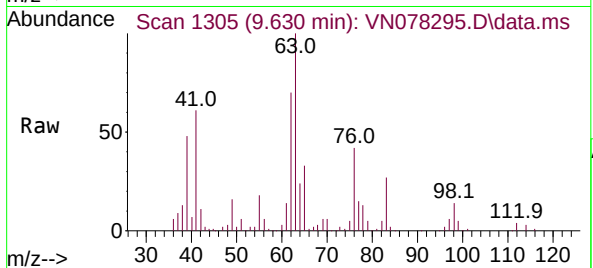
65 33.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 47.945 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

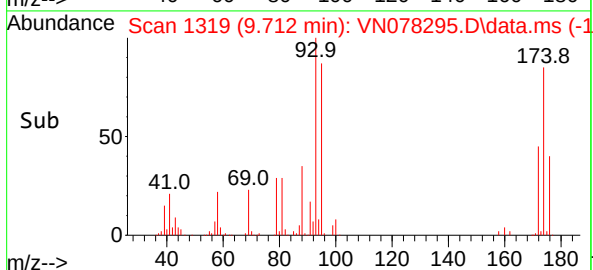
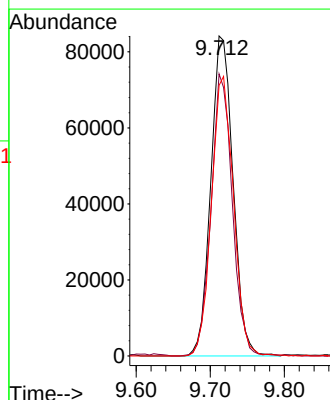
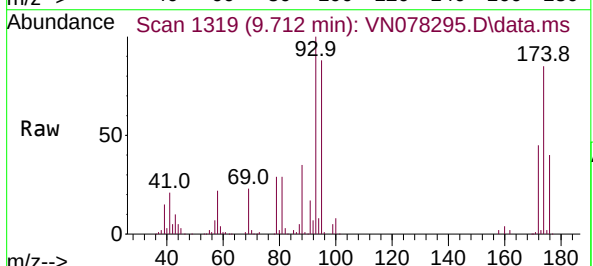
Tgt Ion: 93 Resp: 175517

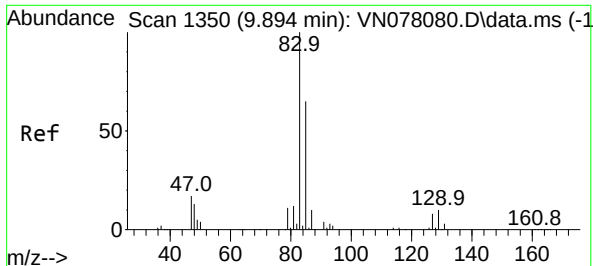
Ion Ratio Lower Upper

93 100

95 84.4 63.8 95.8

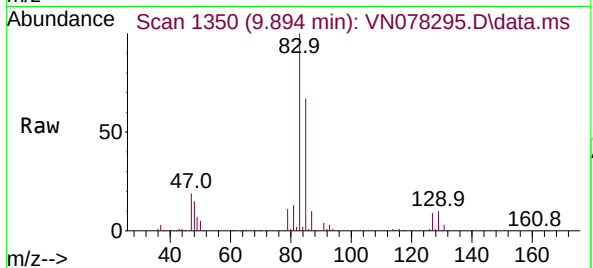
174 86.8 65.6 98.4





#47
Bromodichloromethane
Concen: 52.503 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

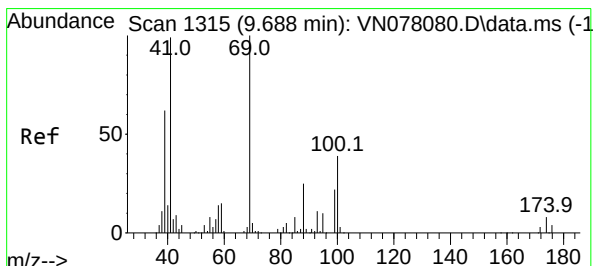
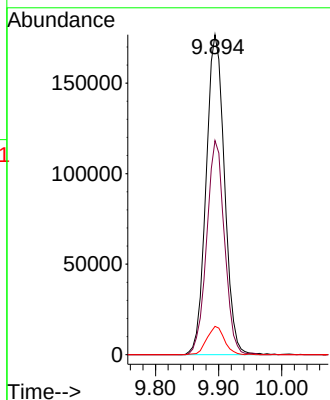
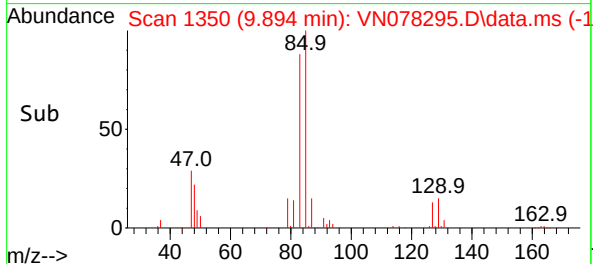
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 357020
Ion Ratio Lower Upper
83 100
85 66.9 49.6 74.4
127 8.9 7.0 10.6

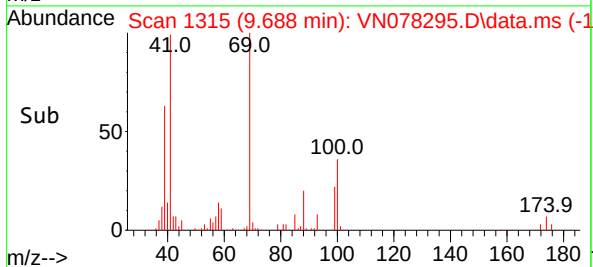
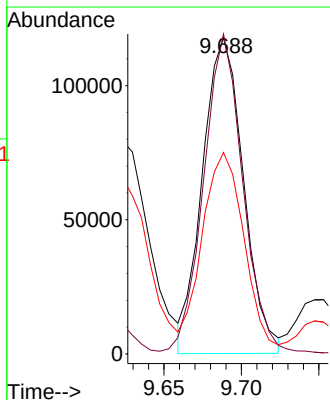
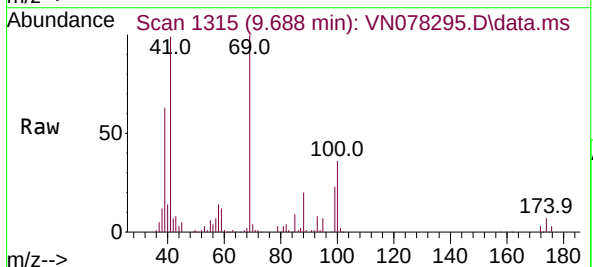
Manual Integrations
APPROVED

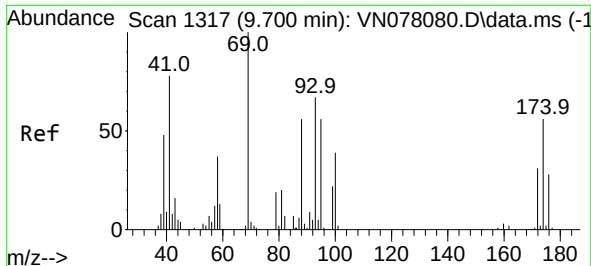
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#48
Methyl methacrylate
Concen: 51.631 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

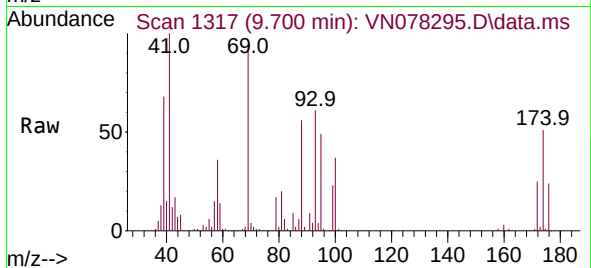
Tgt Ion: 41 Resp: 216603
Ion Ratio Lower Upper
41 100
69 96.6 90.4 135.6
39 65.2 54.6 81.8





#49
1,4-Dioxane
Concen: 952.311 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

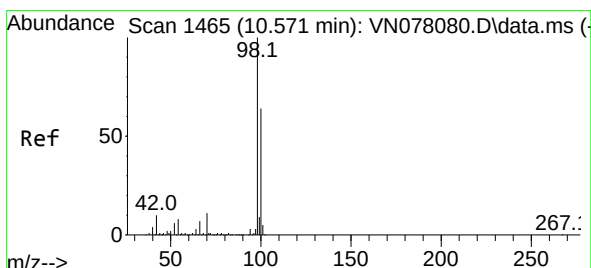
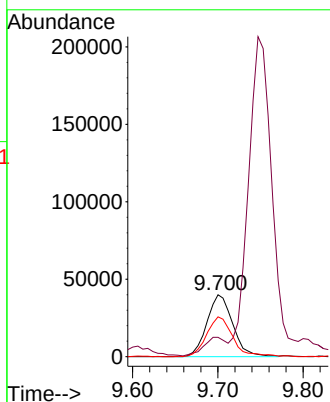
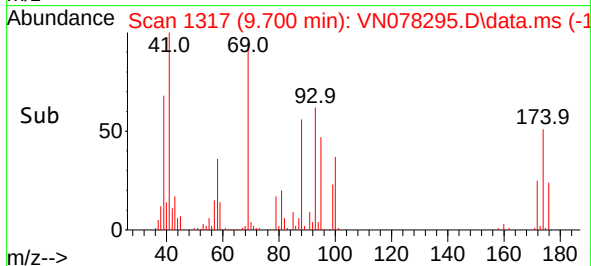
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



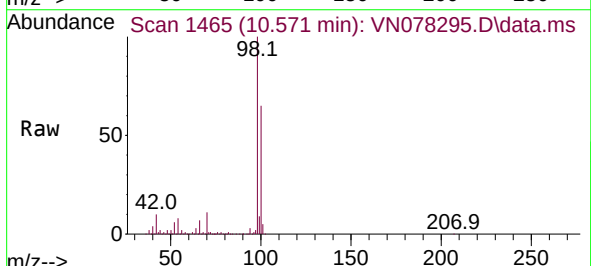
Tgt Ion: 88 Resp: 83969
Ion Ratio Lower Upper
88 100
43 26.2 17.0 25.6
58 66.1 47.0 70.4

Manual Integrations
APPROVED

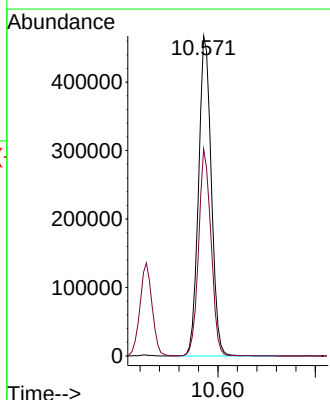
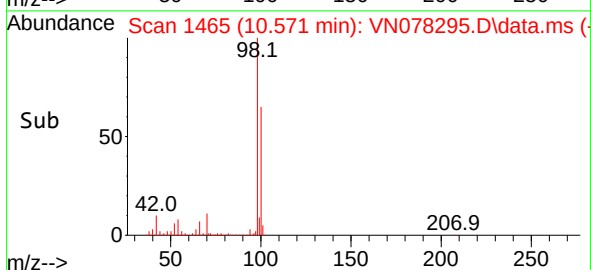
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023

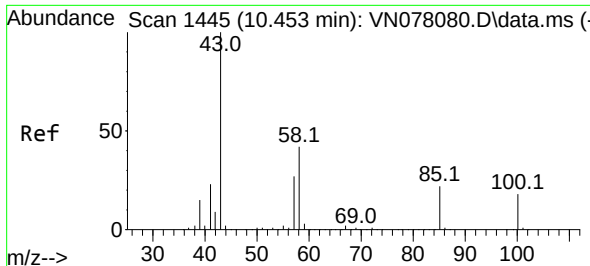


#50
Toluene-d8
Concen: 47.313 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51



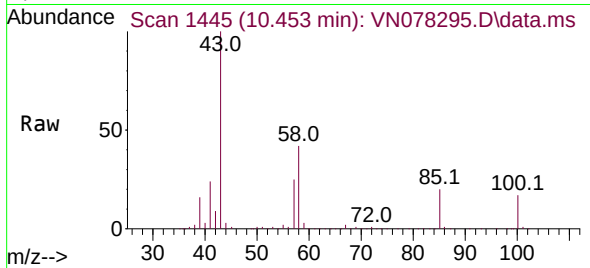
Tgt Ion: 98 Resp: 850866
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 266.798 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

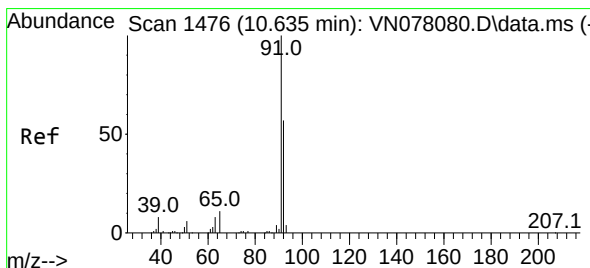
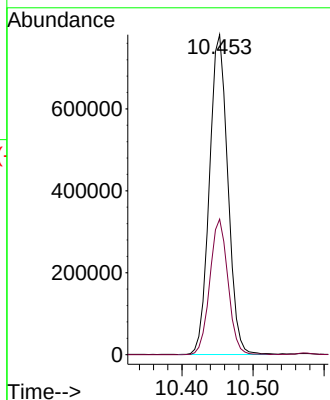
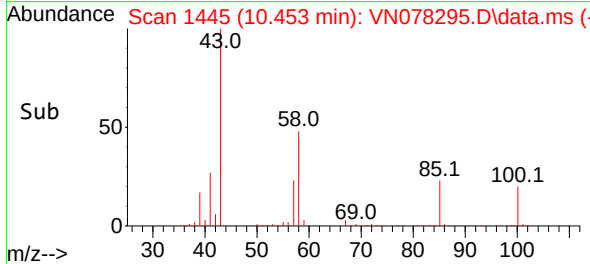
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1404470
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

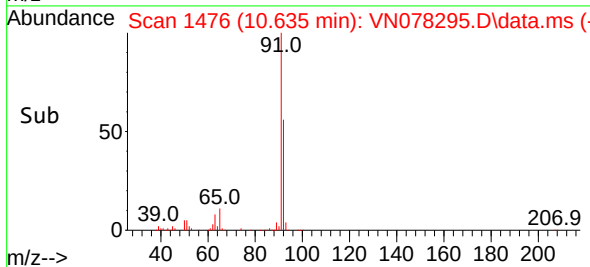
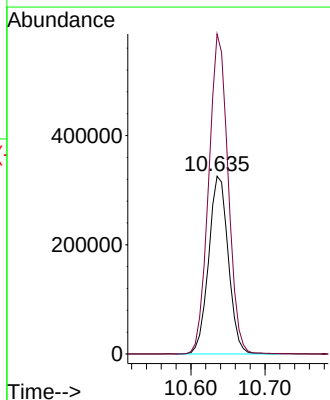
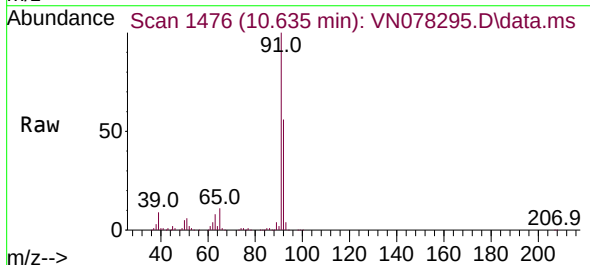
Manual Integrations
APPROVED

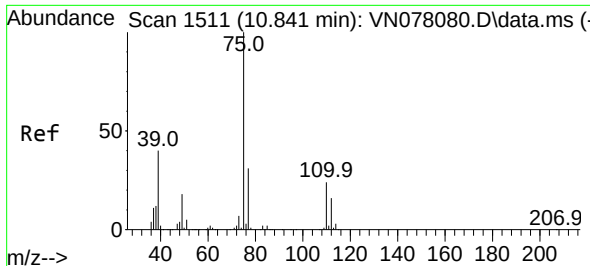
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 47.533 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

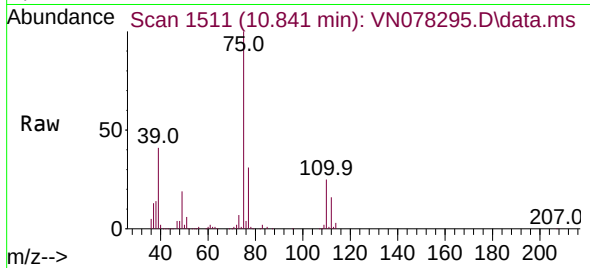
Tgt Ion: 92 Resp: 599509
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.633 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

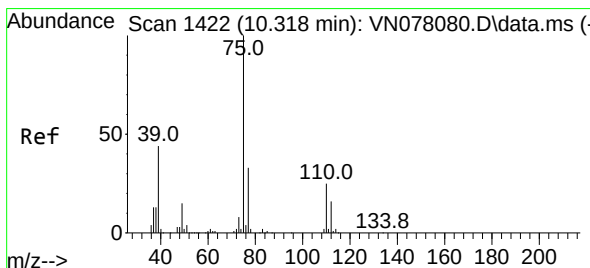
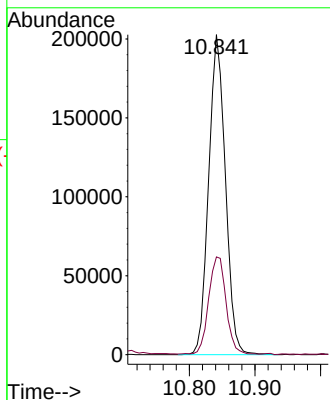
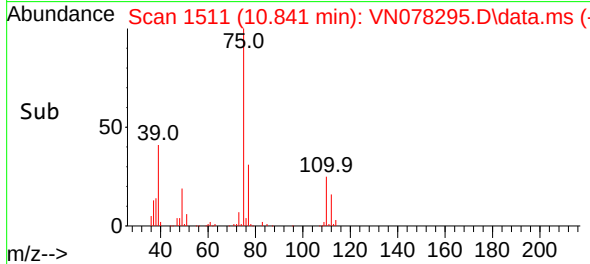
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 358580
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

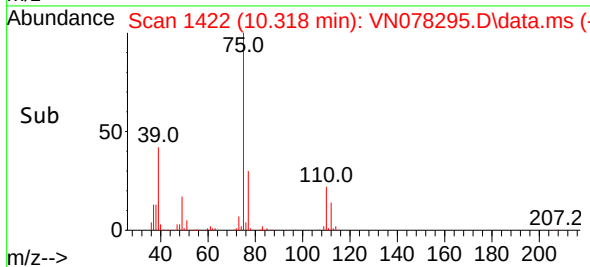
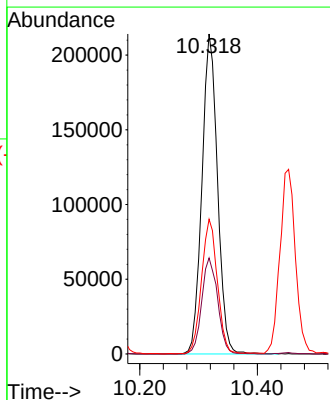
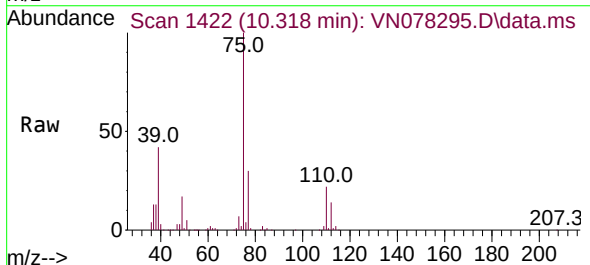
Manual Integrations
APPROVED

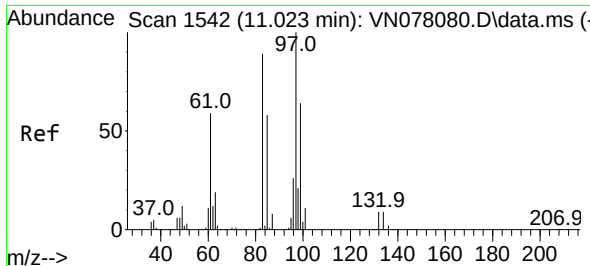
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 50.145 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

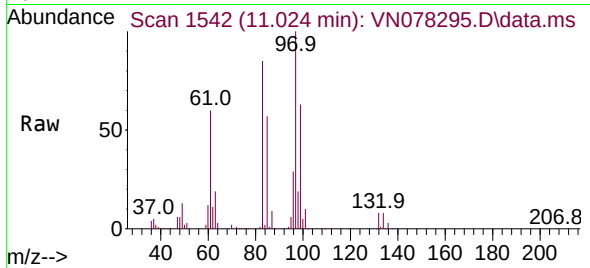
Tgt Ion: 75 Resp: 392554
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1
39 42.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.985 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

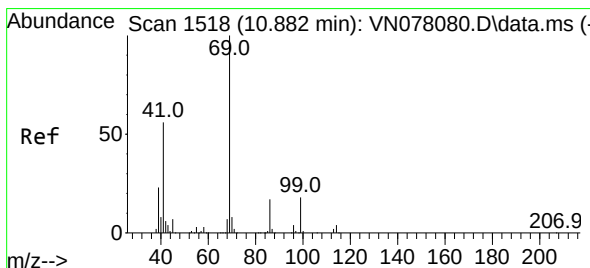
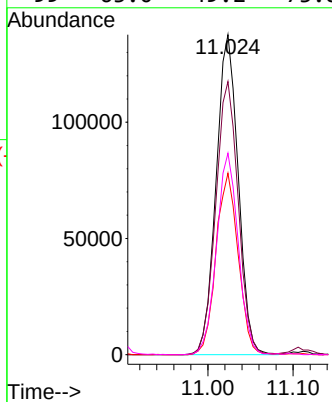
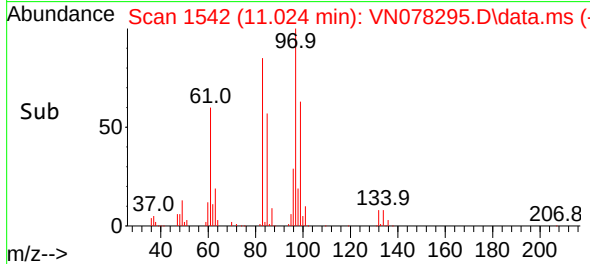
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	248020
Ion Ratio	100	Lower	Upper
97	100		
83	85.3	65.1	97.7
85	56.7	43.4	65.2
99	63.0	49.2	73.8

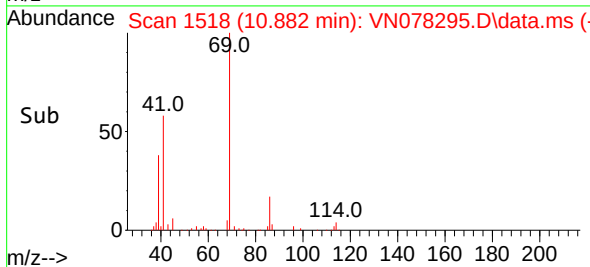
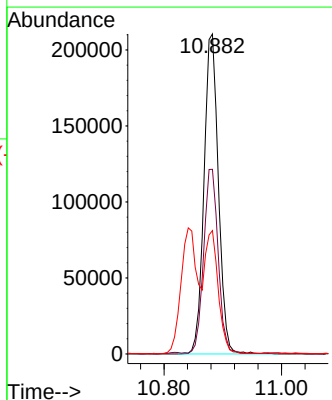
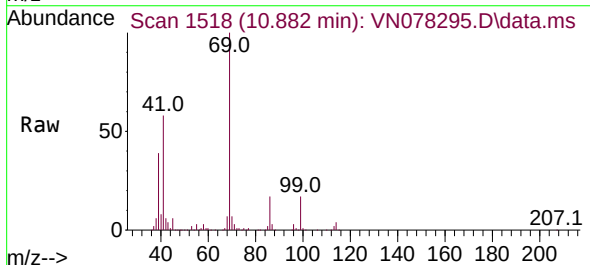
Manual Integrations
APPROVED

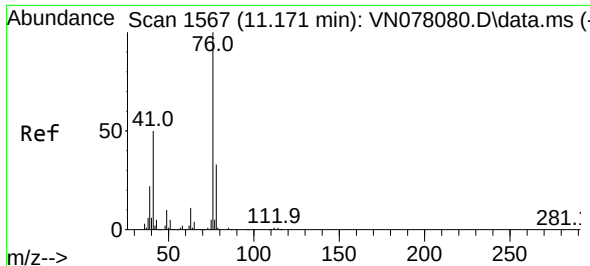
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#56
Ethyl methacrylate
Concen: 51.692 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

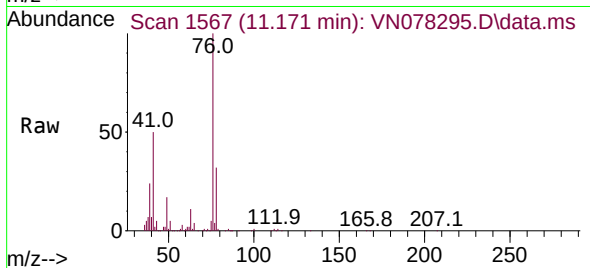
Tgt Ion:	69	Resp:	359110
Ion Ratio	100	Lower	Upper
69	100		
41	58.0	39.6	59.4
39	34.3	28.6	43.0





#57
1,3-Dichloropropane
Concen: 50.887 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

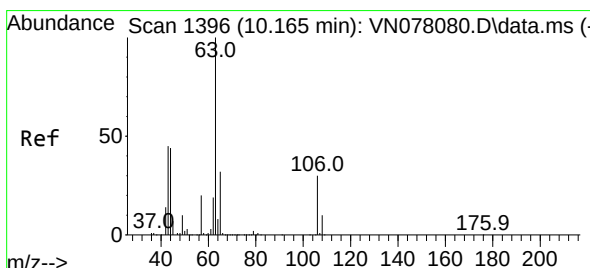
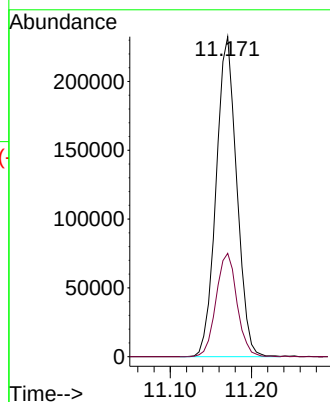
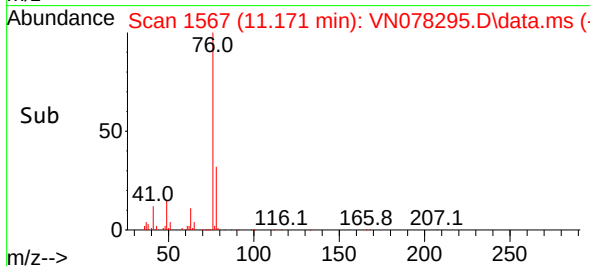
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 409820
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

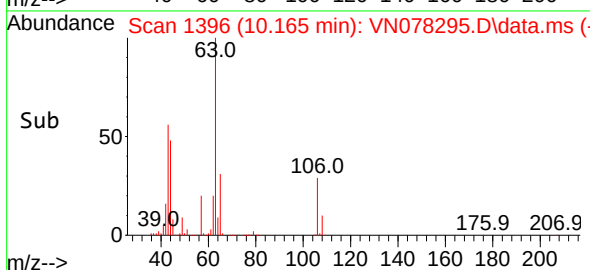
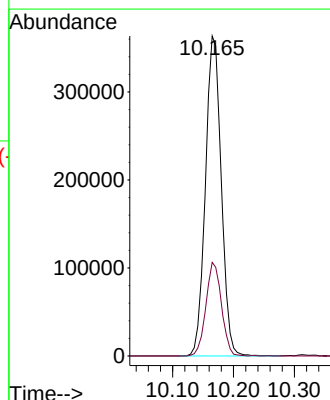
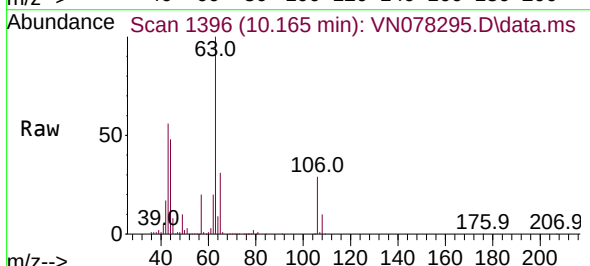
Manual Integrations
APPROVED

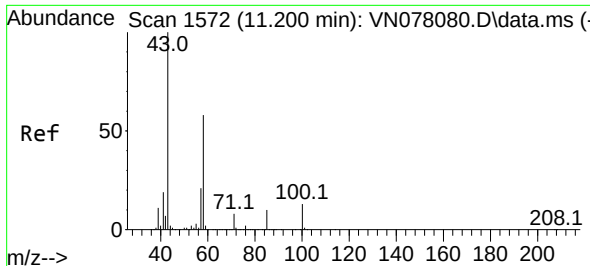
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 234.287 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

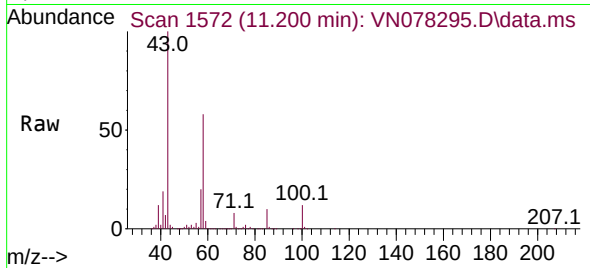
Tgt Ion: 63 Resp: 657511
Ion Ratio Lower Upper
63 100
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 270.734 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

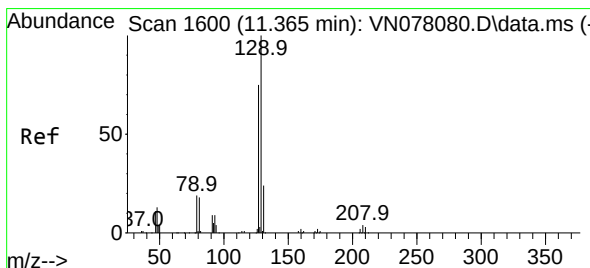
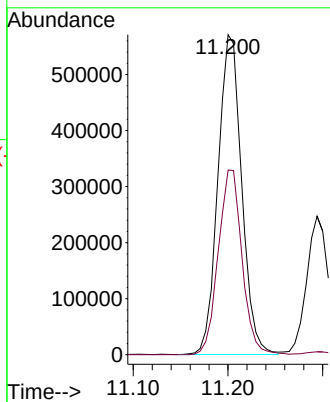
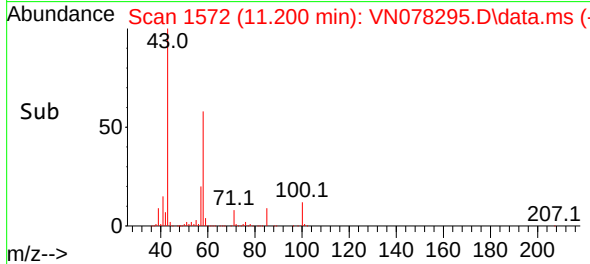
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 992350
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1

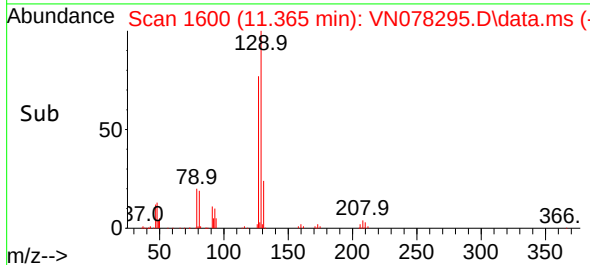
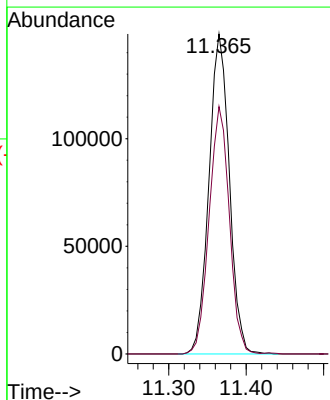
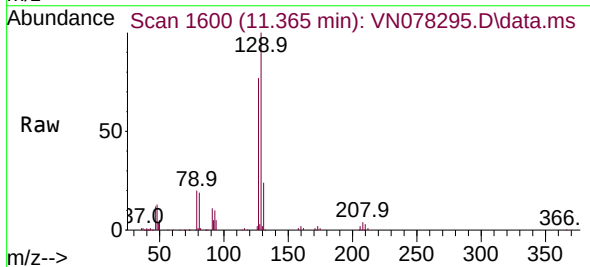
Manual Integrations
APPROVED

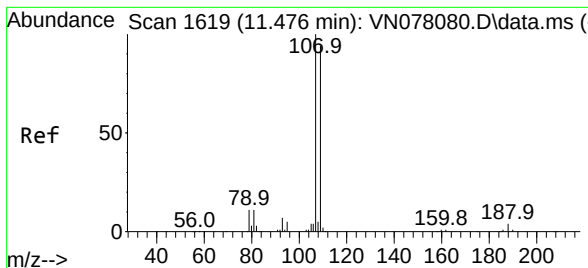
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 52.105 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

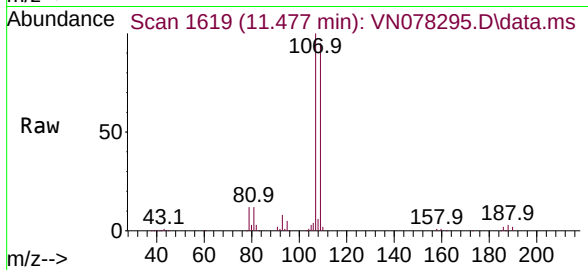
Tgt Ion:129 Resp: 272034
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.429 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

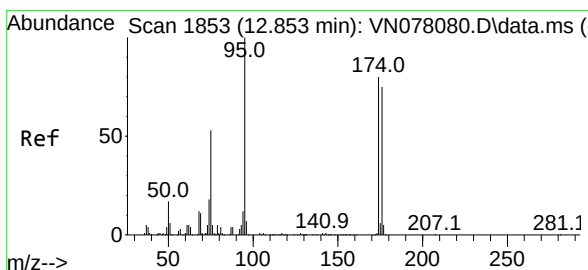
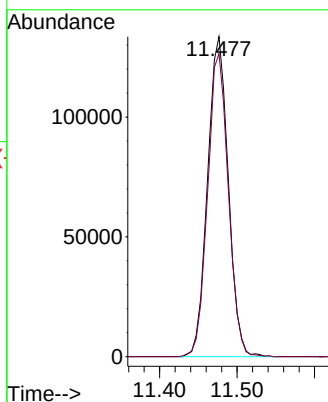
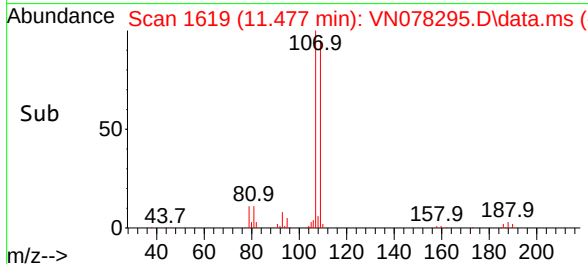
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 247490
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

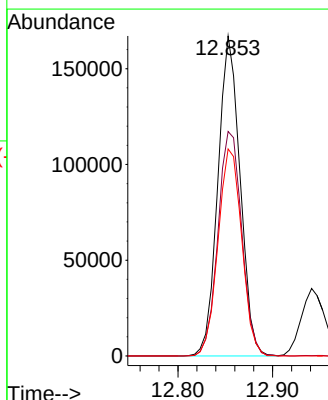
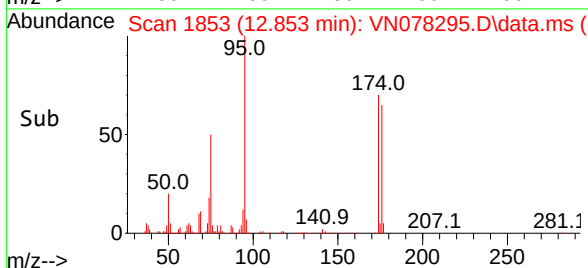
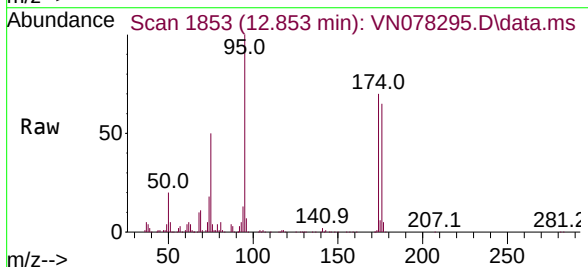
Manual Integrations
APPROVED

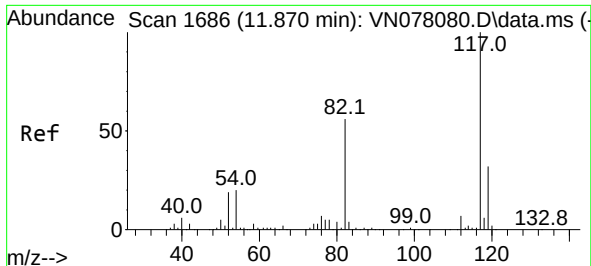
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 48.710 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion: 95 Resp: 272320
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 69.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

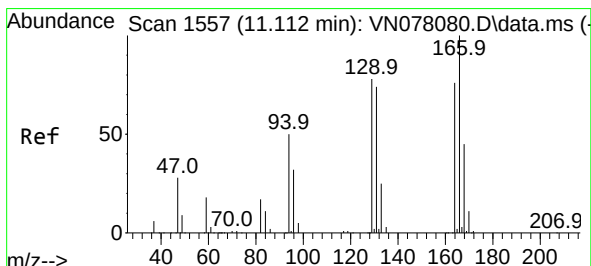
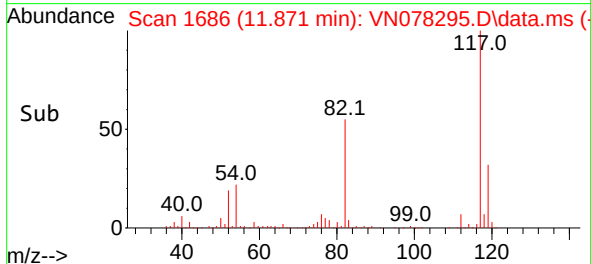
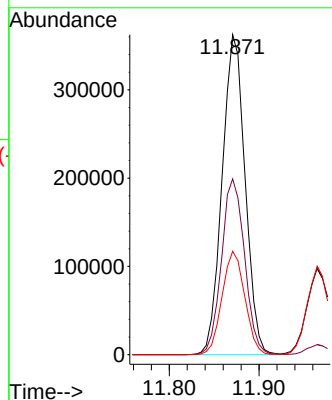
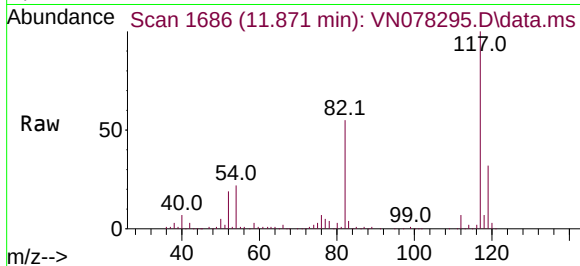
VSTDCCC050EC

Tgt Ion:117 Resp: 643864
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.3 25.6 38.4

Manual Integrations

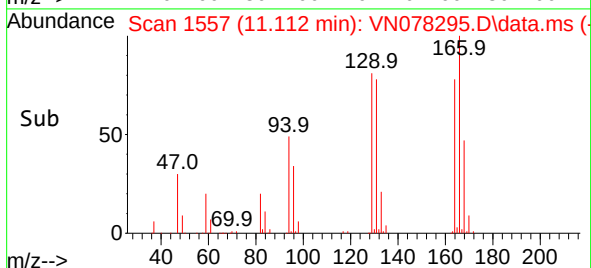
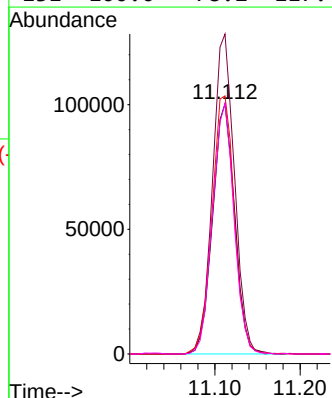
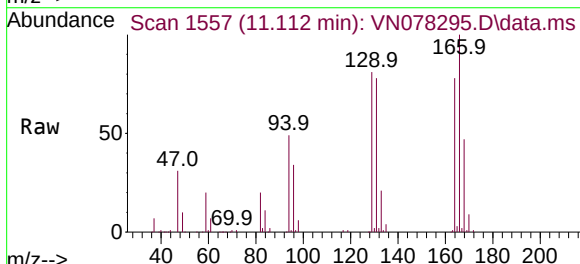
APPROVED

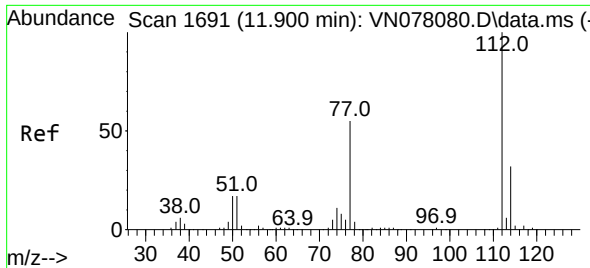
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 41.816 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion:164 Resp: 179618
Ion Ratio Lower Upper
164 100
166 127.9 101.4 152.0
129 103.1 82.4 123.6
131 100.0 78.2 117.4





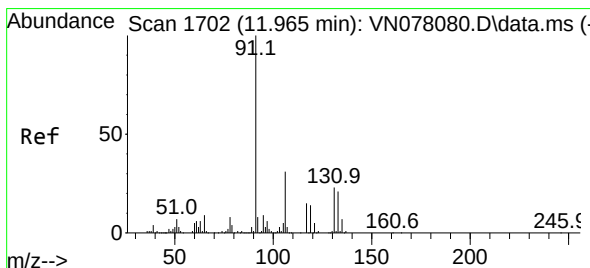
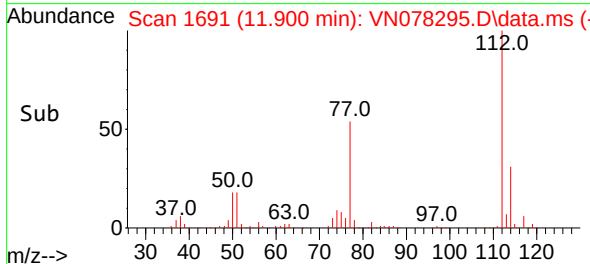
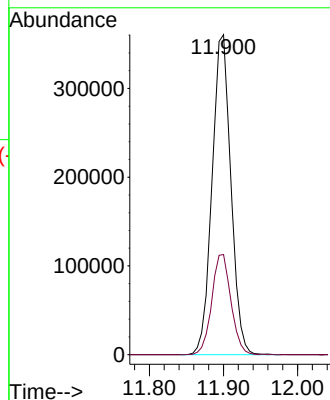
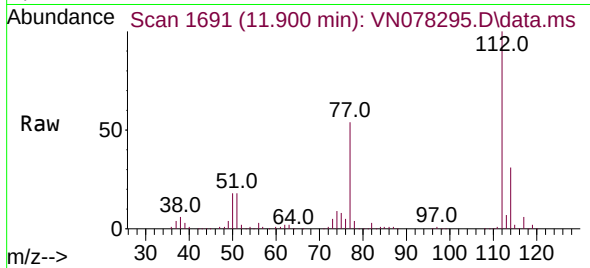
#65
Chlorobenzene
Concen: 46.054 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 63502
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

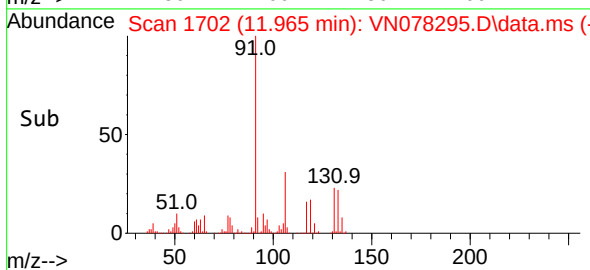
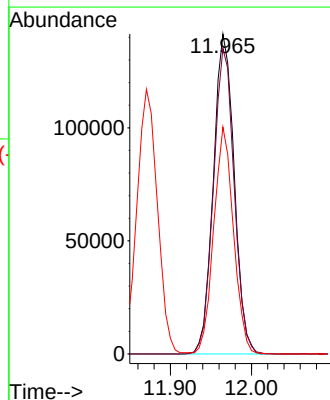
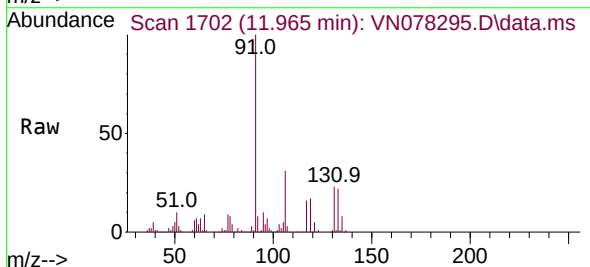
Manual Integrations
APPROVED

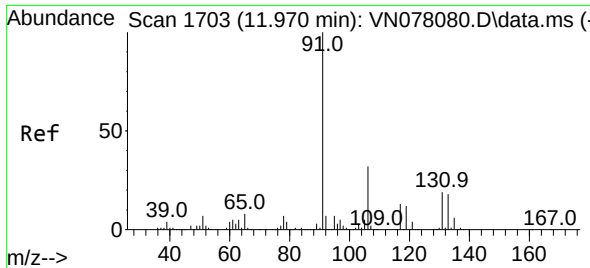
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.673 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion:131 Resp: 251915
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 67.4 34.1 102.2





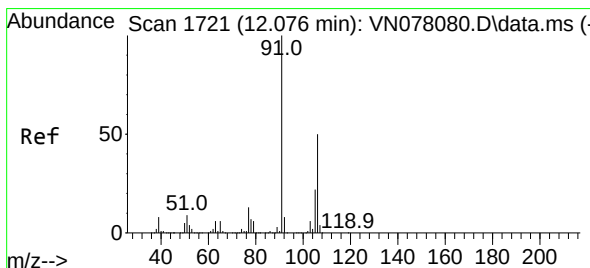
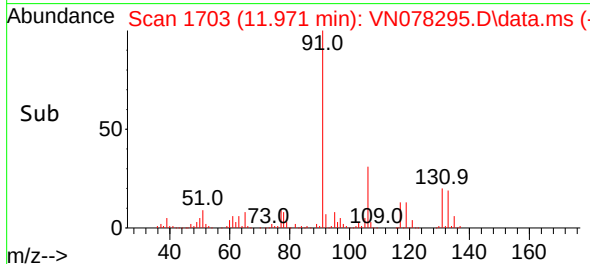
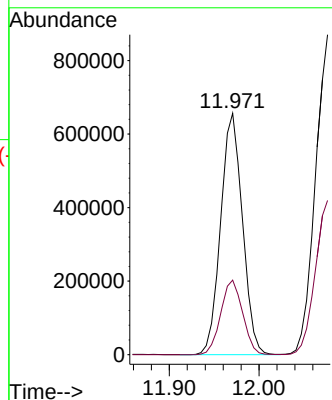
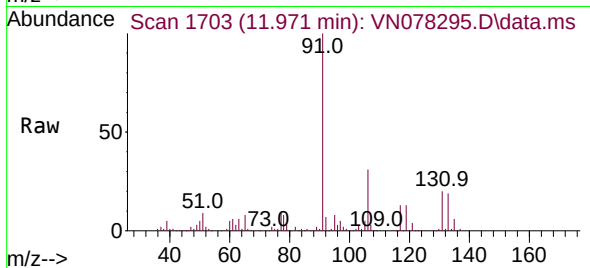
#67
Ethyl Benzene
Concen: 46.516 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 110671
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

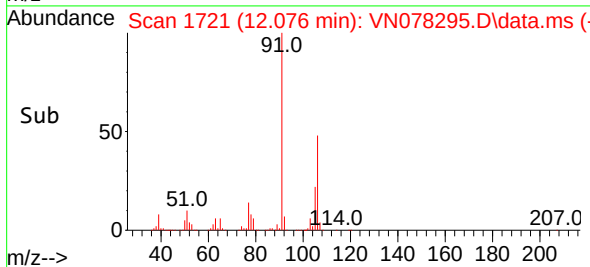
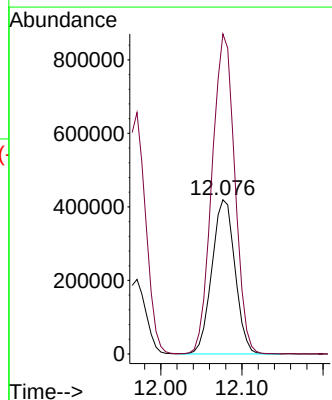
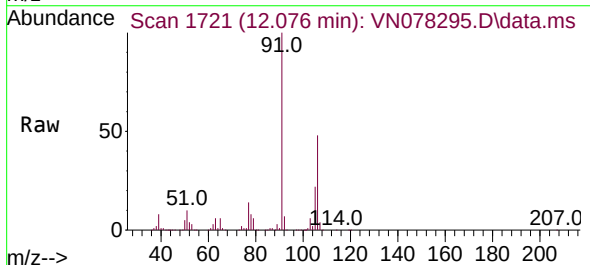
Manual Integrations
APPROVED

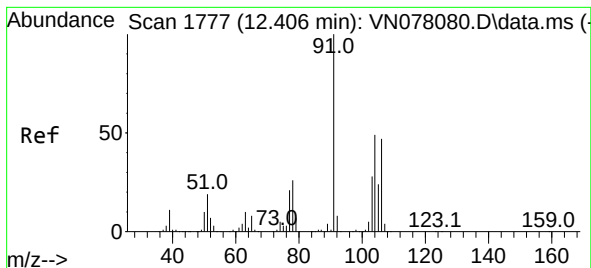
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#68
m/p-Xylenes
Concen: 91.361 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

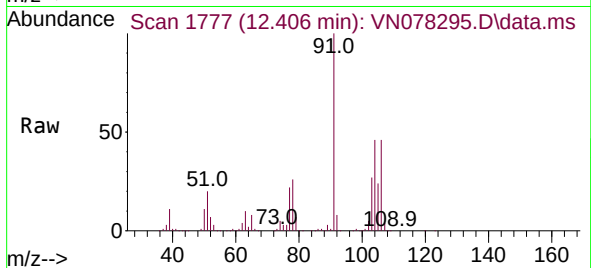
Tgt Ion:106 Resp: 828389
Ion Ratio Lower Upper
106 100
91 205.0 159.6 239.4





#69
o-Xylene
Concen: 46.788 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

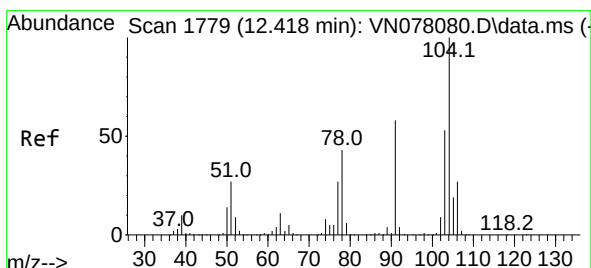
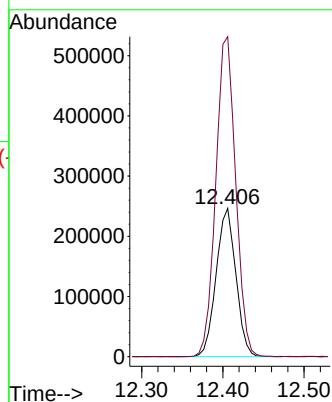
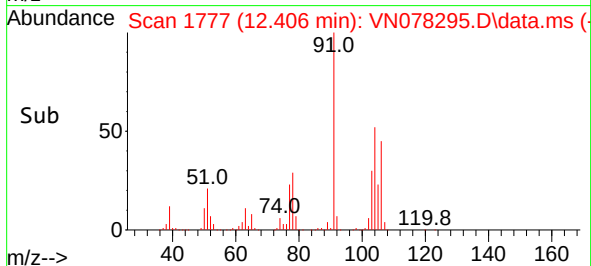
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 416600
Ion Ratio Lower Upper
106 100
91 217.6 105.2 315.5

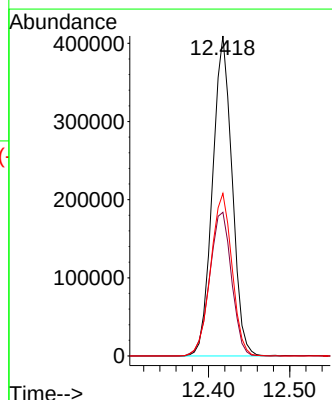
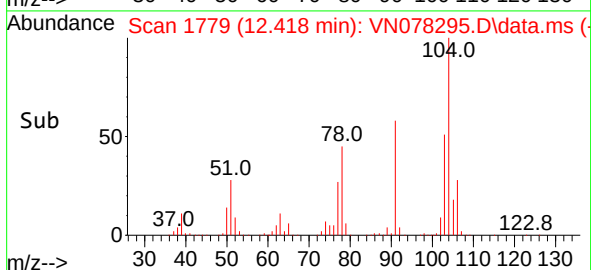
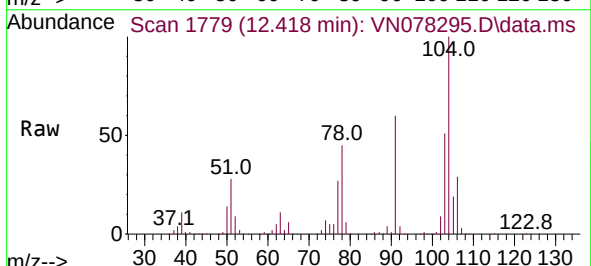
Manual Integrations
APPROVED

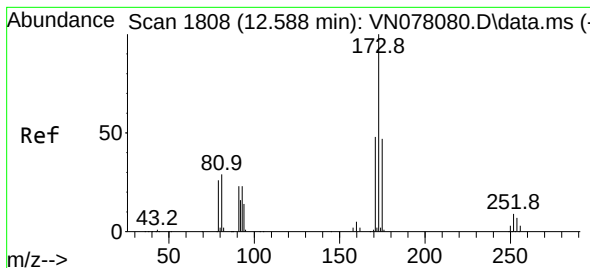
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 48.997 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

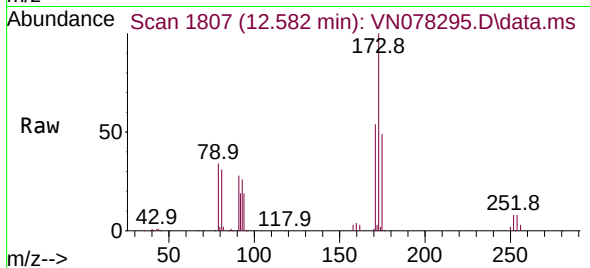
Tgt Ion:104 Resp: 686838
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.1 43.2 64.8





#71
Bromoform
Concen: 52.904 ug/l
RT: 12.582 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

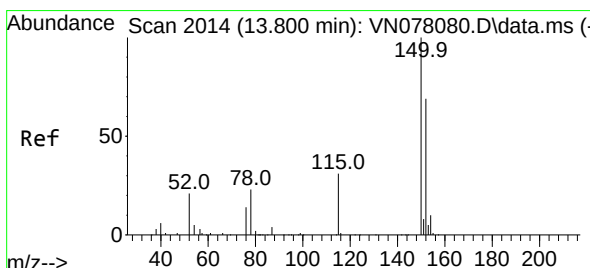
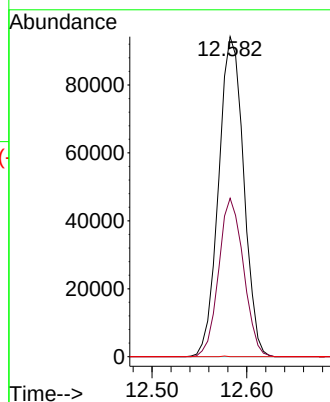
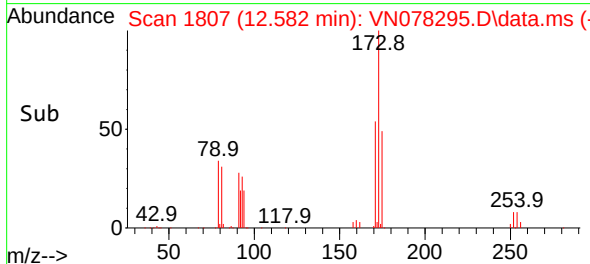
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



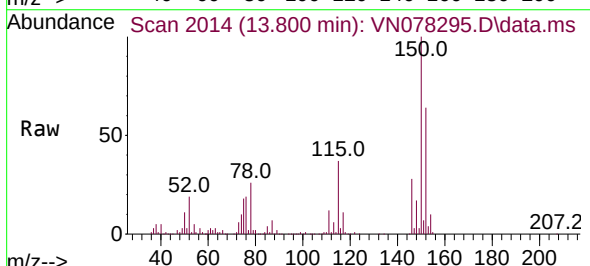
Tgt Ion:173 Resp: 17314
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

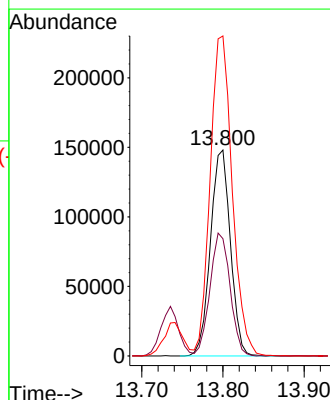
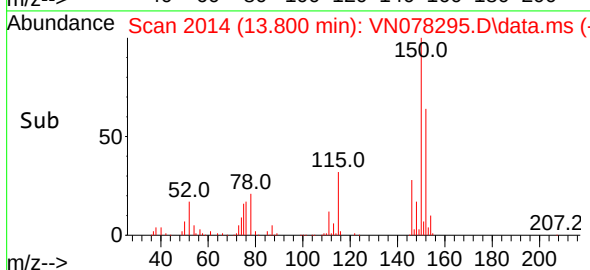
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023

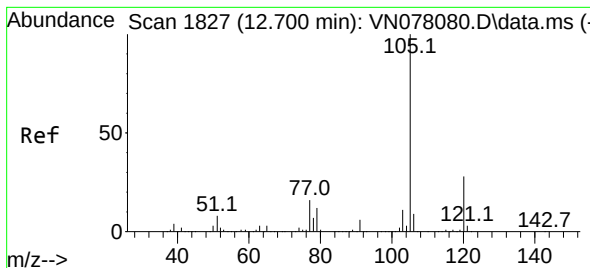


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51



Tgt Ion:152 Resp: 252708
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 171.8 0.0 355.8





#73

Isopropylbenzene

Concen: 40.500 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 96783

Ion Ratio Lower Upper

105 100

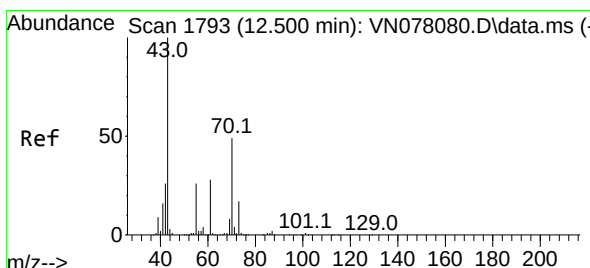
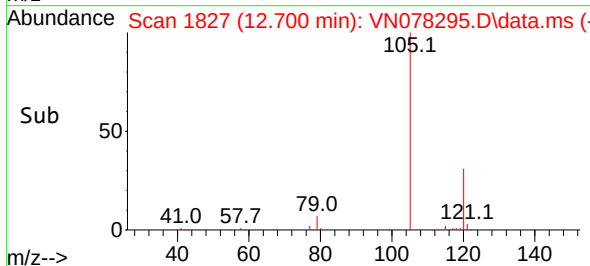
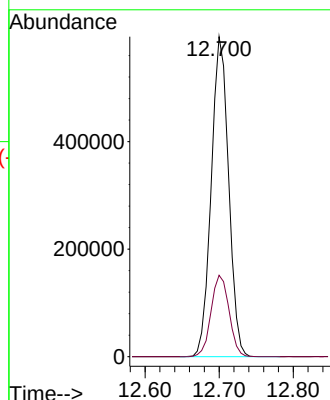
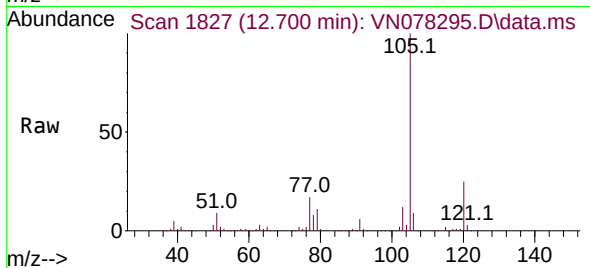
120 26.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/22/2023



#74

N-ethyl acetate

Concen: 47.894 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Tgt Ion: 43 Resp: 376893

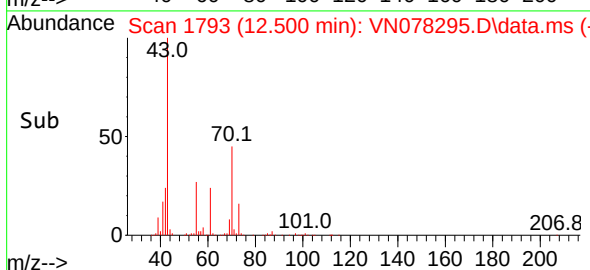
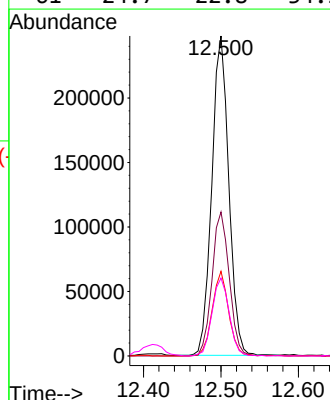
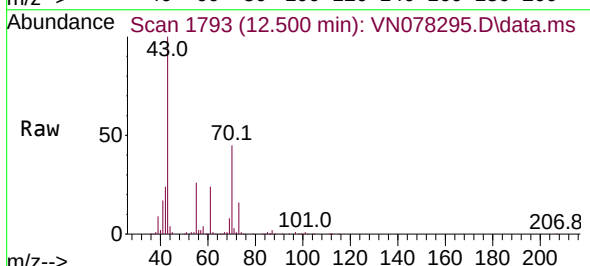
Ion Ratio Lower Upper

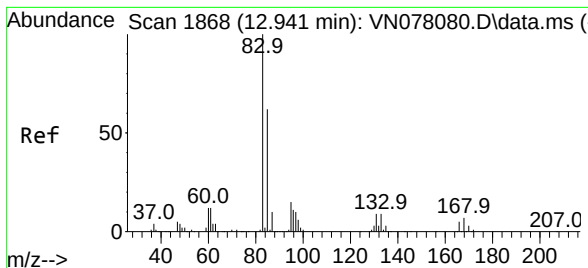
43 100

70 45.7 43.4 65.2

55 25.8 21.4 32.0

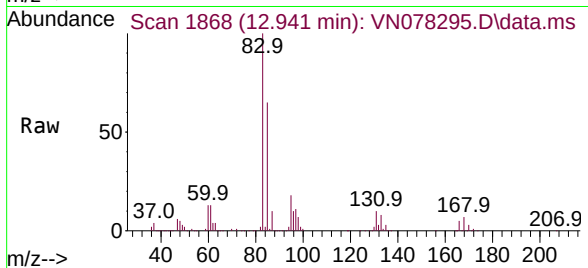
61 24.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.446 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

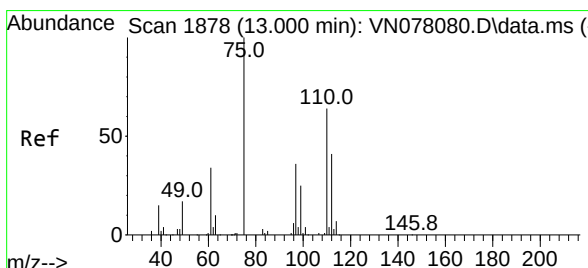
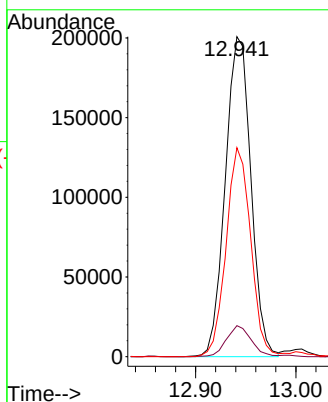
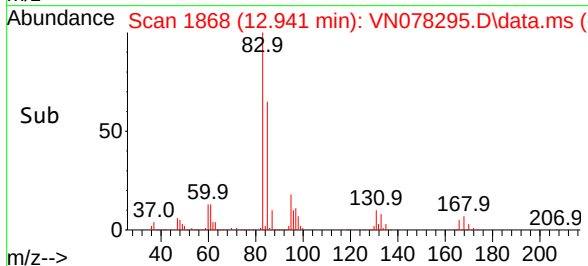
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 356424
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 62.6 31.9 95.7

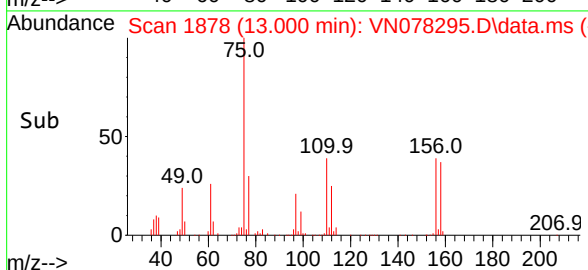
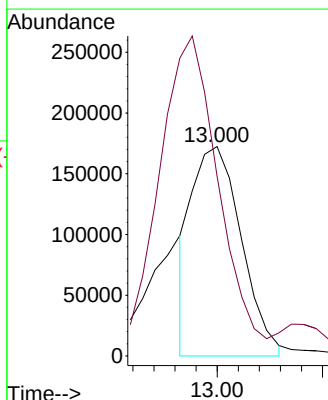
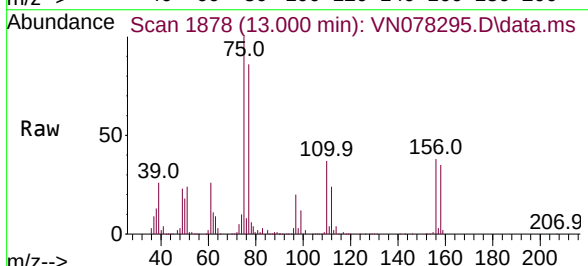
Manual Integrations
APPROVED

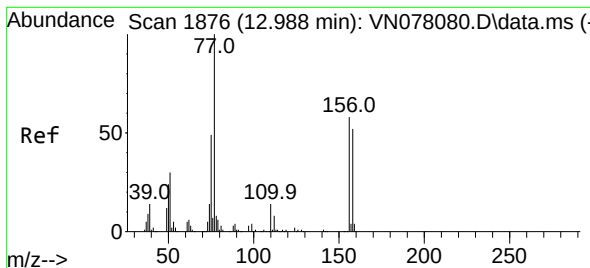
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#76
1,2,3-Trichloropropane
Concen: 46.911 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion: 75 Resp: 280249
Ion Ratio Lower Upper
75 100
77 185.5 84.5 253.5





#77

Bromobenzene

Concen: 43.649 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

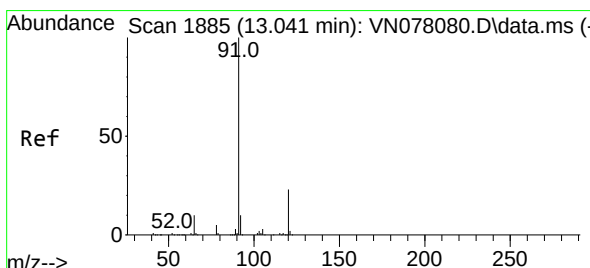
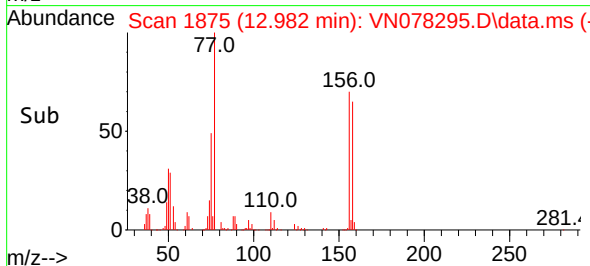
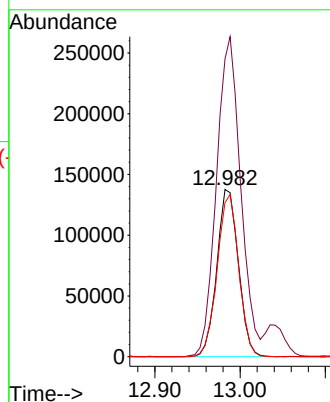
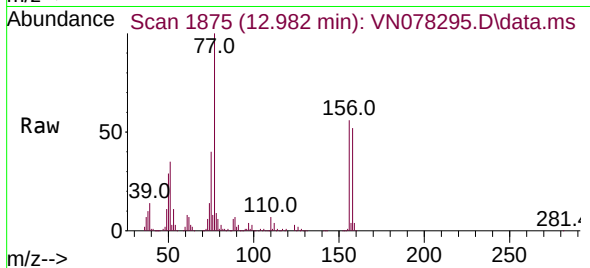
Tgt Ion:	156	Resp:	24213
Ion Ratio	Lower	Upper	
156	100		
77	214.7	107.7	323.3
158	96.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/22/2023



#78

n-propylbenzene

Concen: 41.666 ug/l

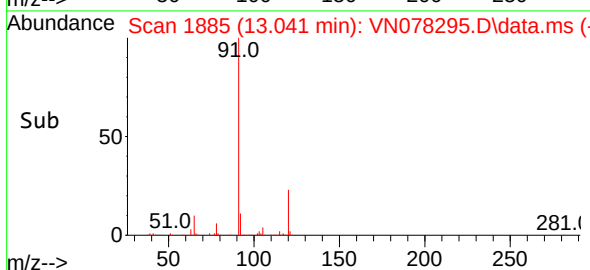
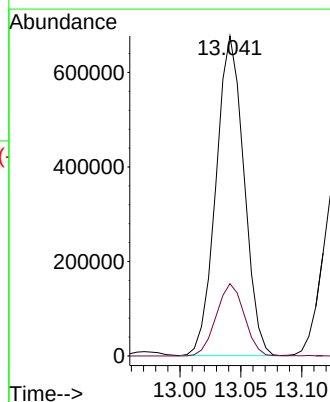
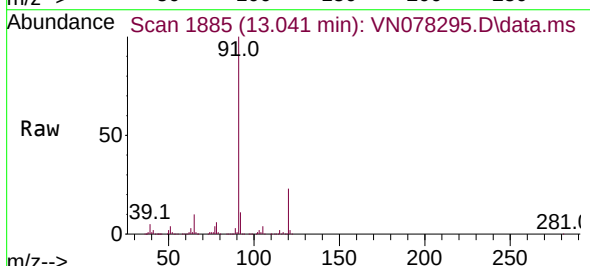
RT: 13.041 min Scan# 1885

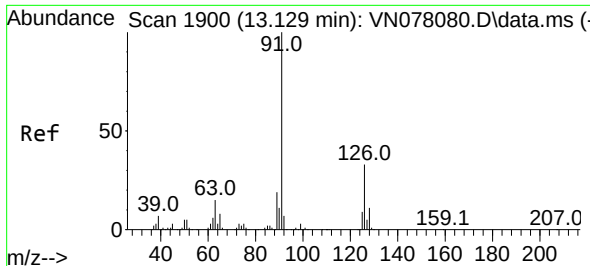
Delta R.T. 0.000 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Tgt Ion:	91	Resp:	1081799
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





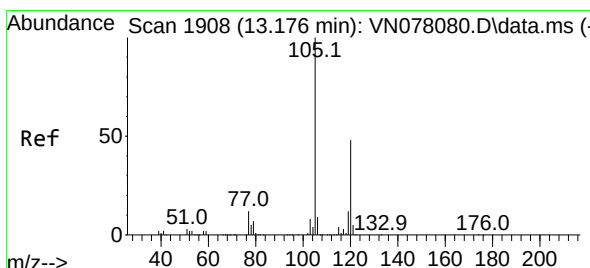
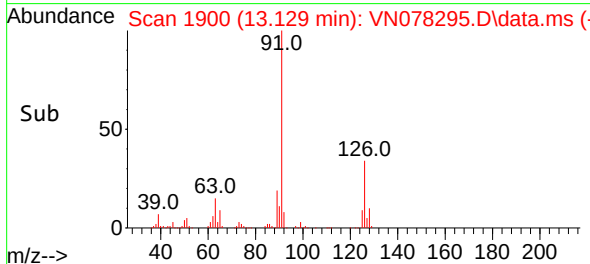
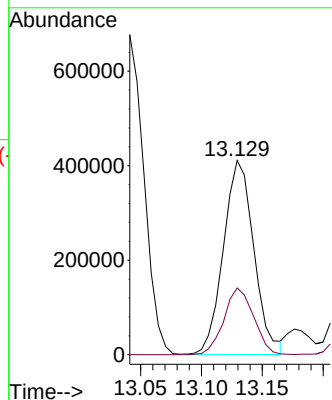
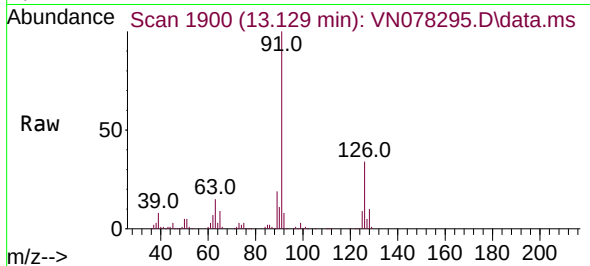
#79
2-Chlorotoluene
Concen: 42.723 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 716009
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

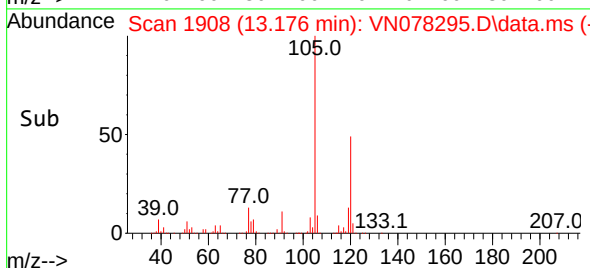
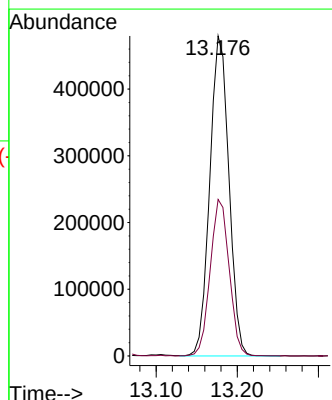
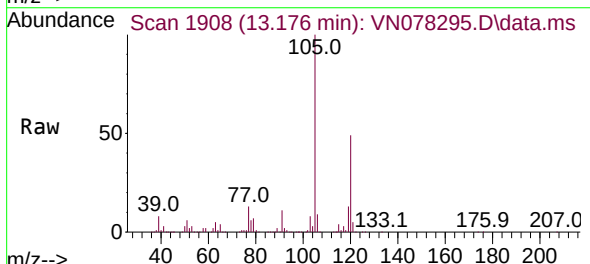
Manual Integrations
APPROVED

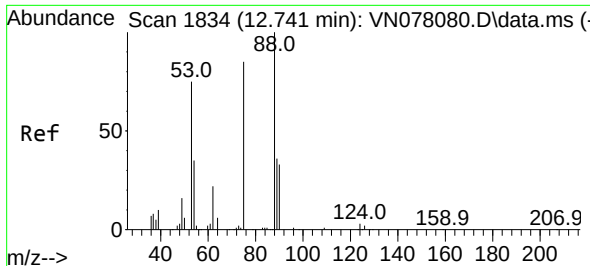
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 40.525 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

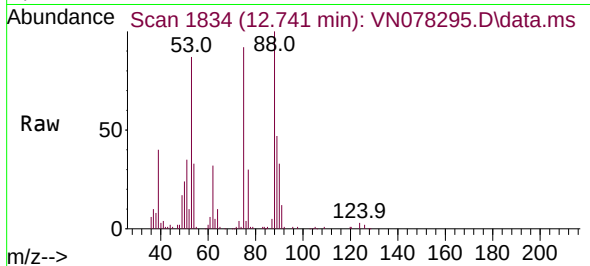
Tgt Ion:105 Resp: 784053
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 55.587 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

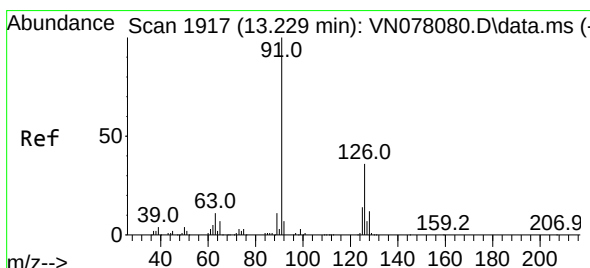
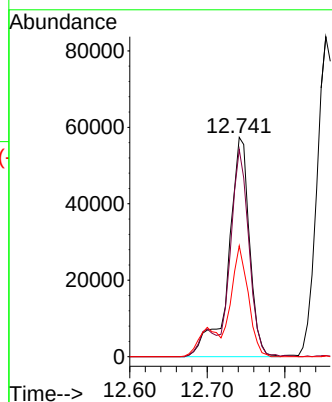
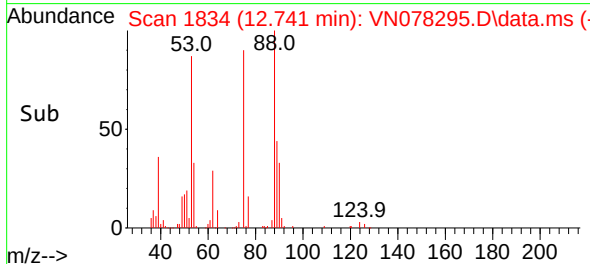
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



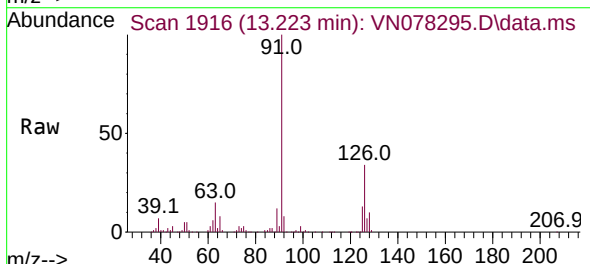
Tgt Ion: 75 Resp: 108089
Ion Ratio Lower Upper
75 100
53 82.1 67.4 101.2
89 41.1 38.8 58.2

Manual Integrations
APPROVED

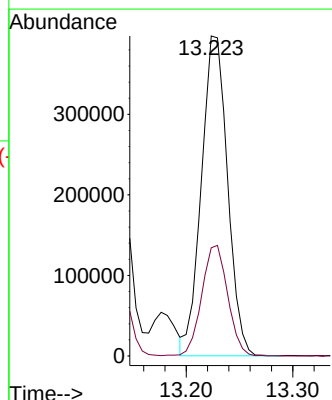
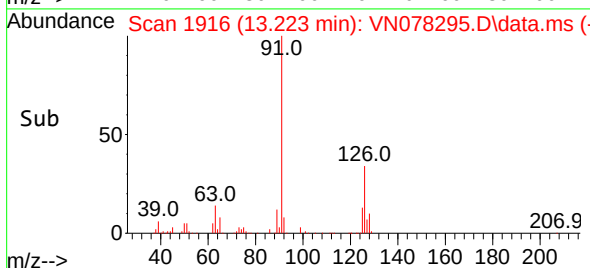
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023

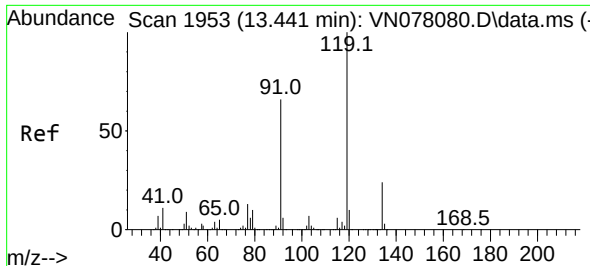


#82
4-Chlorotoluene
Concen: 43.335 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51



Tgt Ion: 91 Resp: 677818
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





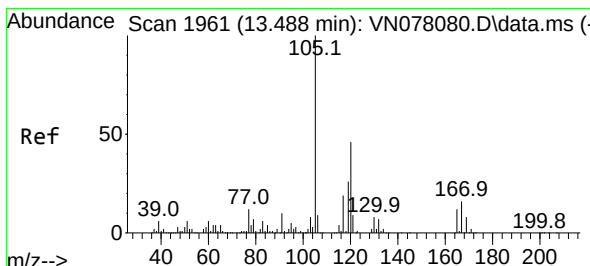
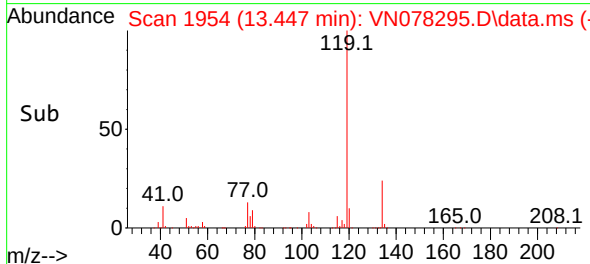
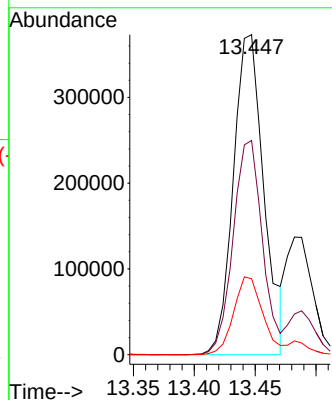
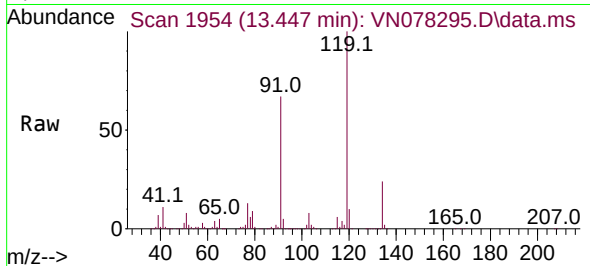
#83
tert-Butylbenzene
Concen: 38.680 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 650524
Ion Ratio Lower Upper
119 100
91 64.3 33.9 101.7
134 23.0 13.2 39.6

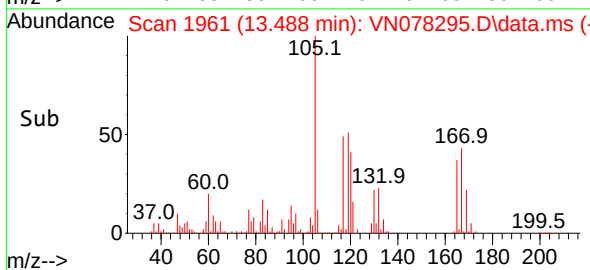
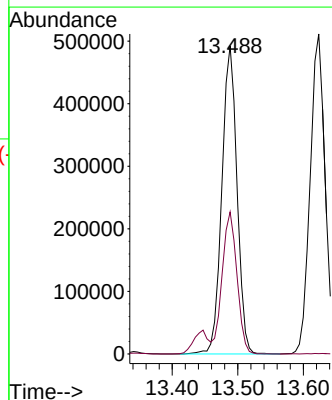
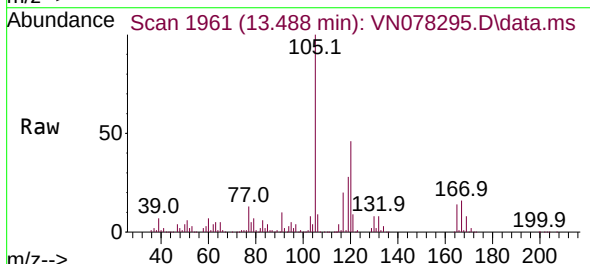
Manual Integrations
APPROVED

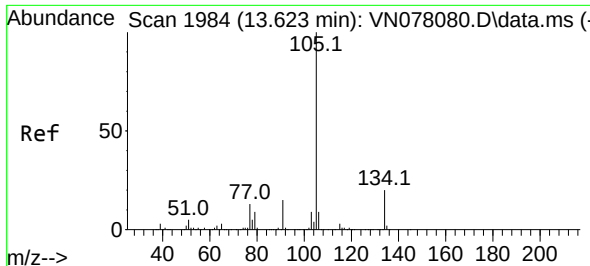
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 42.015 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

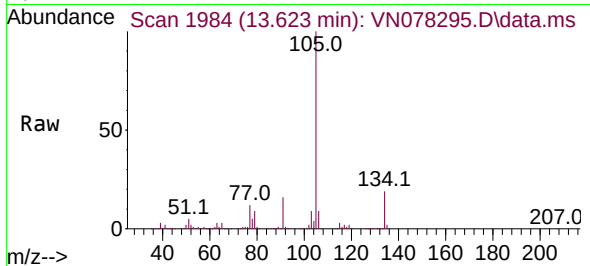
Tgt Ion:105 Resp: 788094
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 36.655 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078295.D
 Acq: 19 Jun 2023 21:51

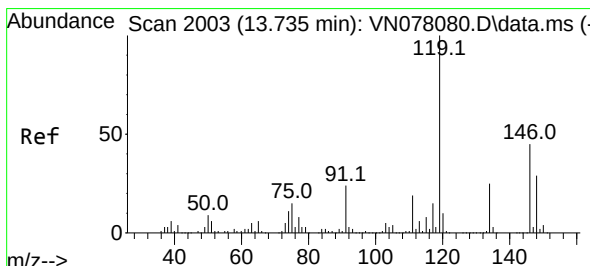
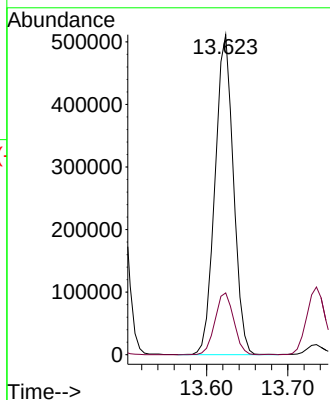
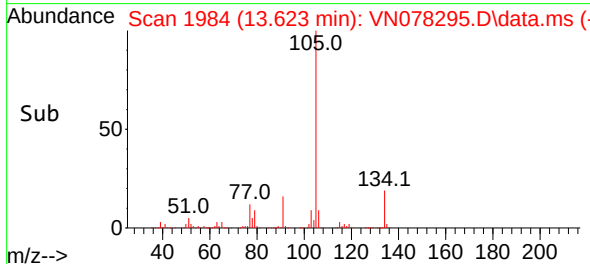
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



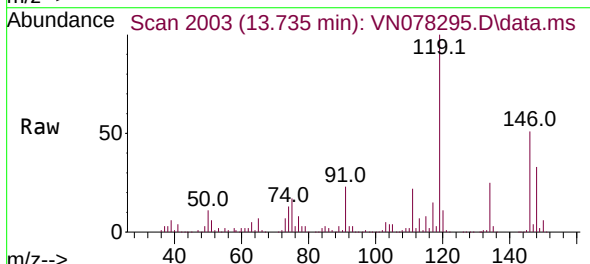
Tgt Ion:105 Resp: 806850
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
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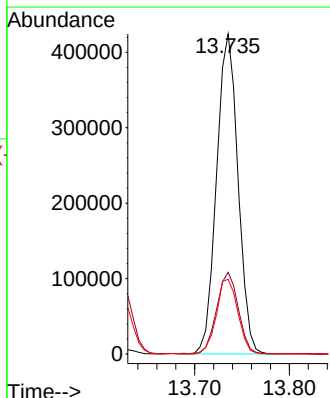
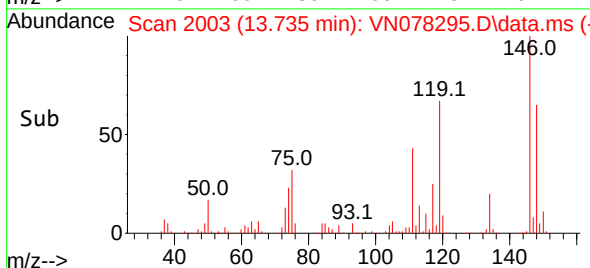
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/22/2023

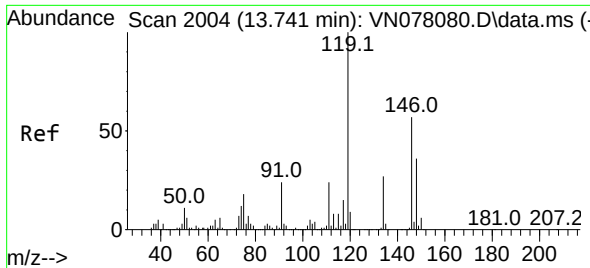


#86
 p-Isopropyltoluene
 Concen: 37.362 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078295.D
 Acq: 19 Jun 2023 21:51



Tgt Ion:119 Resp: 667405
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.6 12.4 37.2





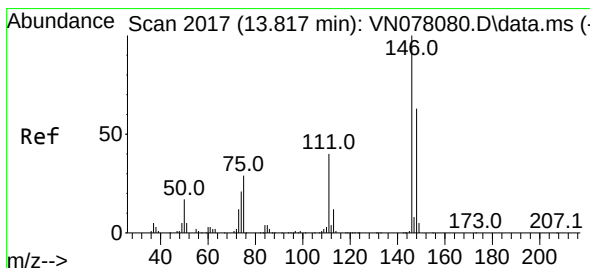
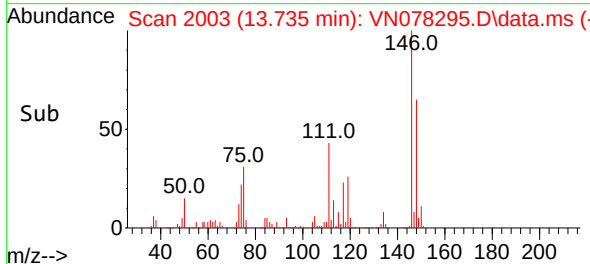
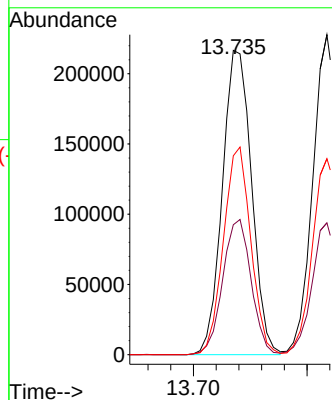
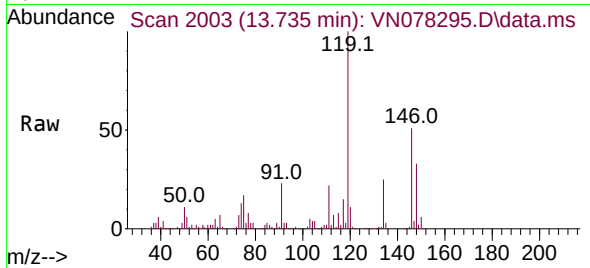
#87
1,3-Dichlorobenzene
Concen: 41.213 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 386715
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 64.1 32.0 96.0

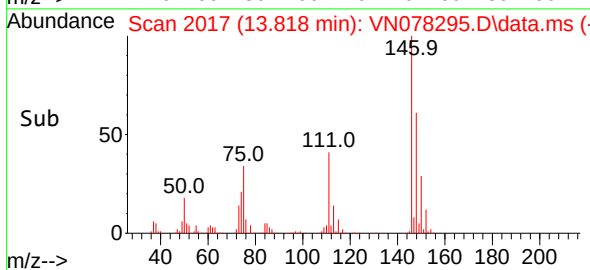
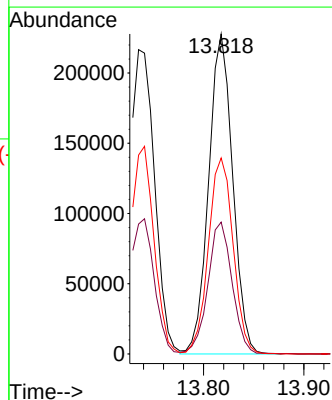
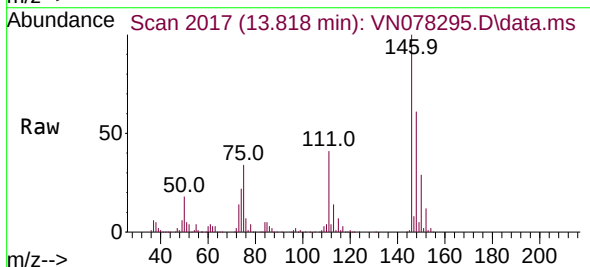
Manual Integrations
APPROVED

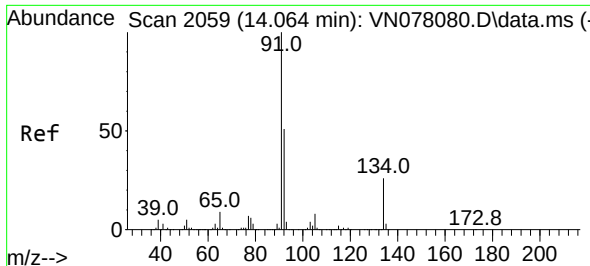
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#88
1,4-Dichlorobenzene
Concen: 42.011 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion:146 Resp: 380386
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 63.1 31.6 94.8





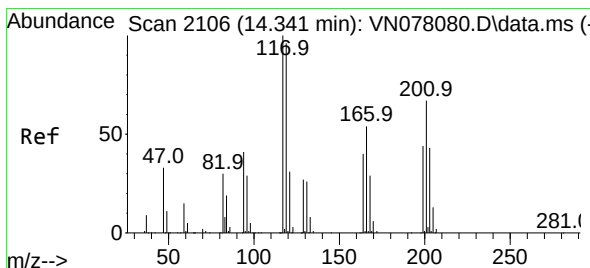
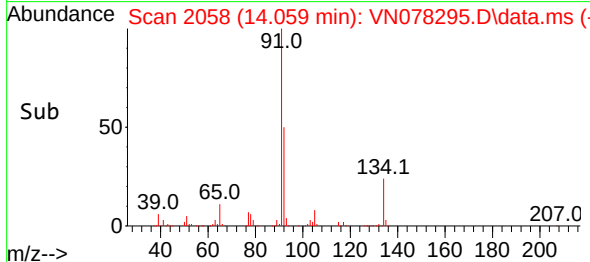
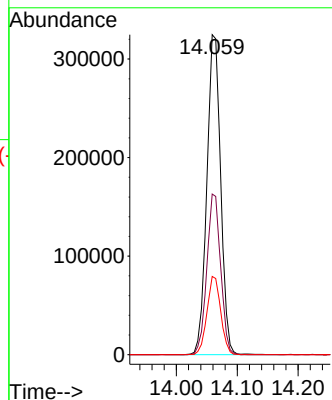
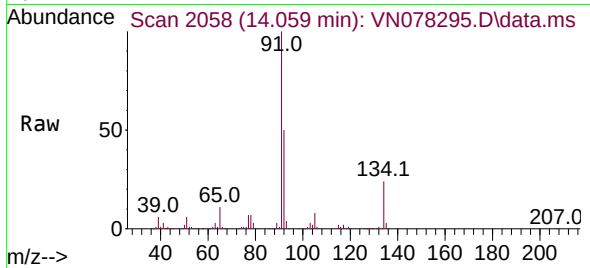
#89
n-Butylbenzene
Concen: 36.327 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 511830
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 24.4 12.6 37.6

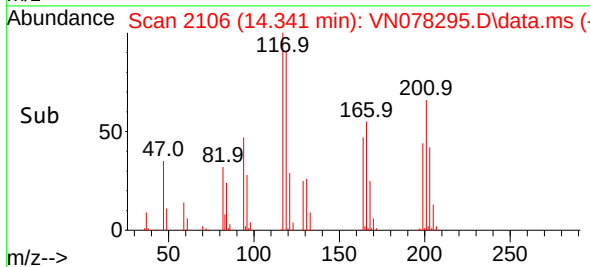
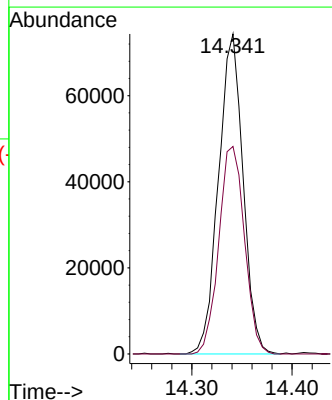
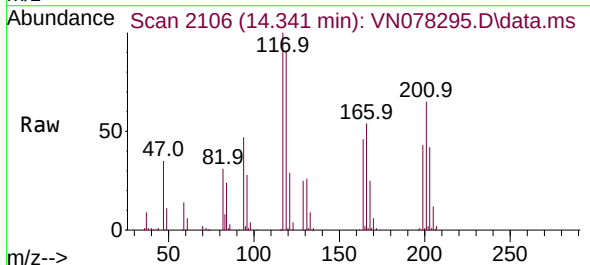
Manual Integrations
APPROVED

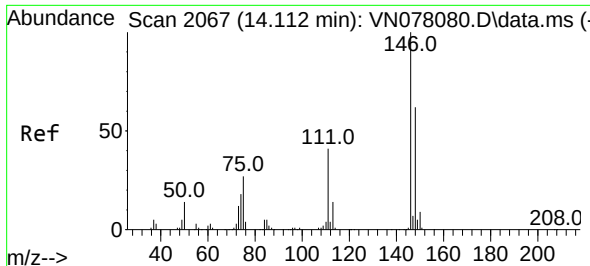
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 39.855 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Tgt Ion:117 Resp: 126342
Ion Ratio Lower Upper
117 100
201 67.8 29.3 88.0





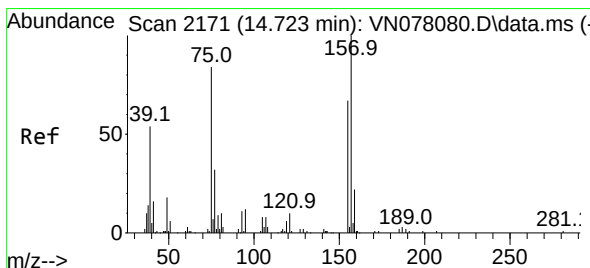
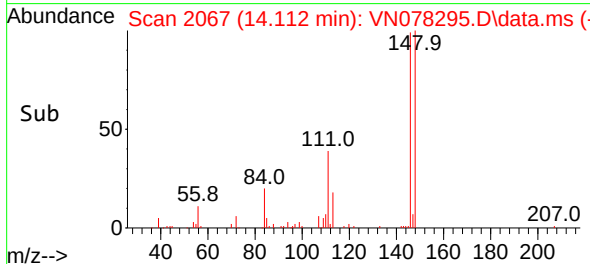
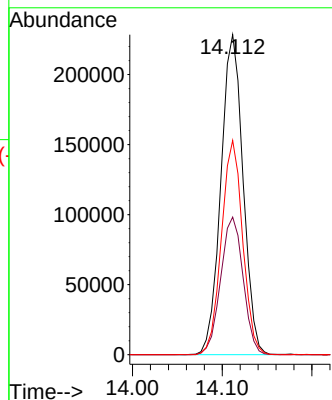
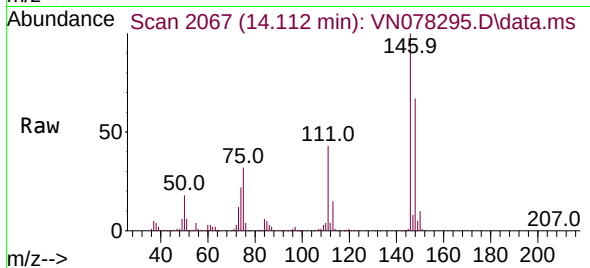
#91
1,2-Dichlorobenzene
Concen: 42.712 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 391699
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 64.1 31.8 95.3

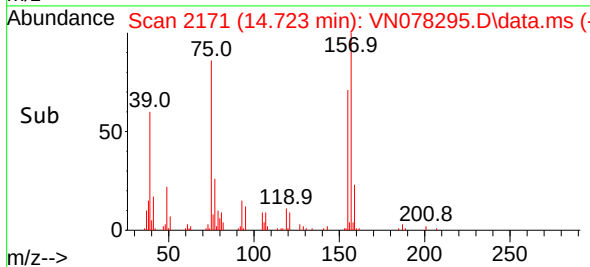
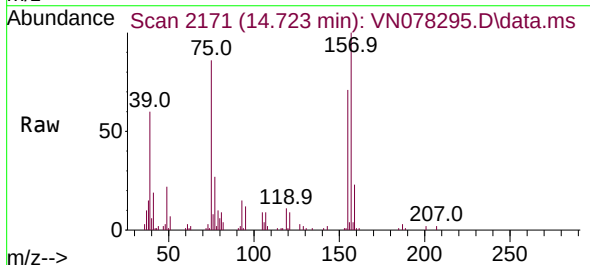
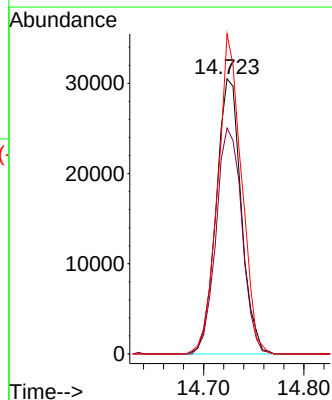
Manual Integrations
APPROVED

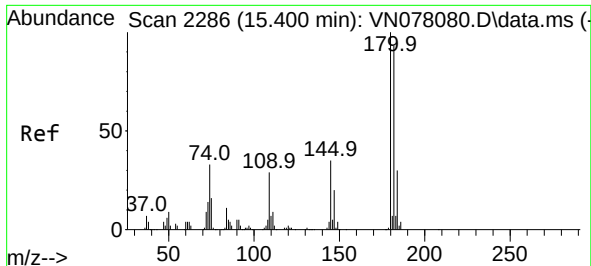
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.572 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

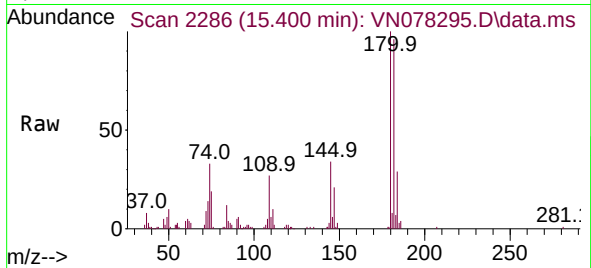
Tgt Ion: 75 Resp: 52758
Ion Ratio Lower Upper
75 100
155 85.1 39.1 117.2
157 111.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 36.537 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51

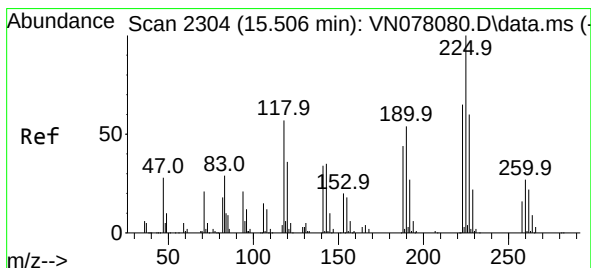
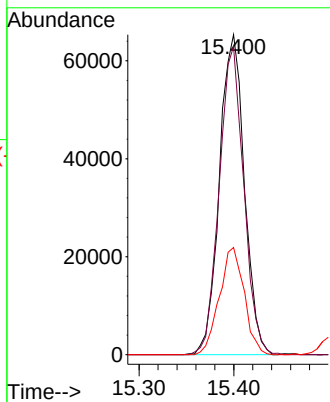
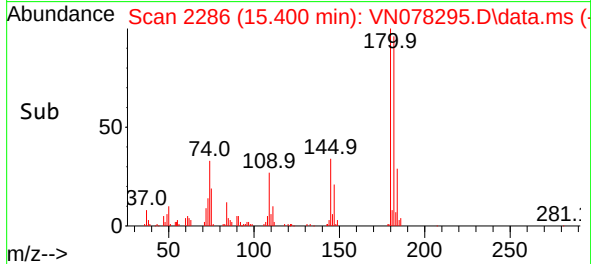
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



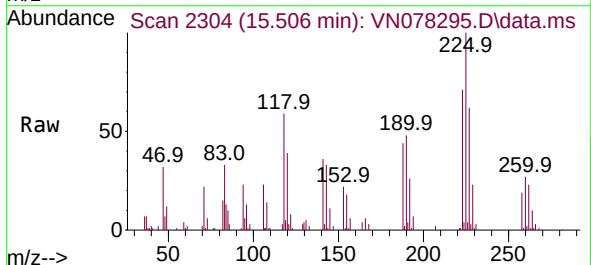
Tgt Ion:180 Resp: 11938
Ion Ratio Lower Upper
180 100
182 94.8 46.1 138.2
145 33.4 16.6 49.8

Manual Integrations
APPROVED

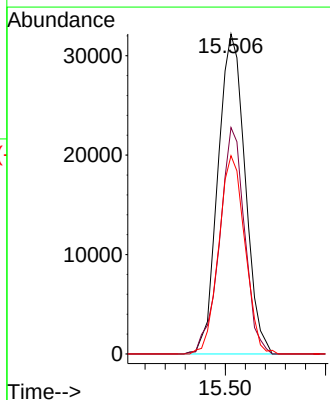
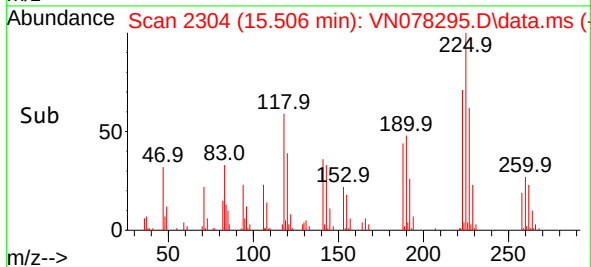
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023

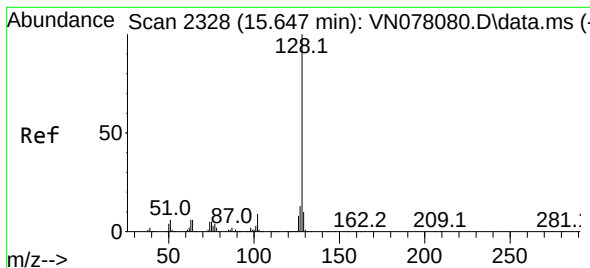


#94
Hexachlorobutadiene
Concen: 36.986 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078295.D
Acq: 19 Jun 2023 21:51



Tgt Ion:225 Resp: 60355
Ion Ratio Lower Upper
225 100
223 65.0 31.3 93.8
227 59.8 31.9 95.9





#95

Naphthalene

Concen: 36.960 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078295.D

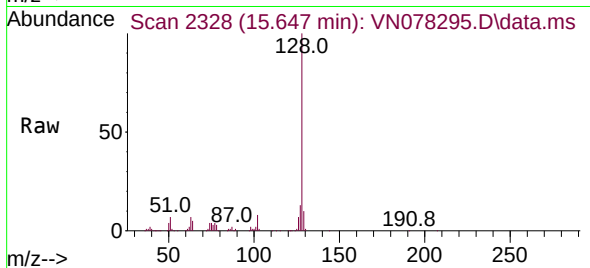
Acq: 19 Jun 2023 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:128 Resp: 406230

Ion Ratio Lower Upper

128 100

127 13.6 10.0 15.0

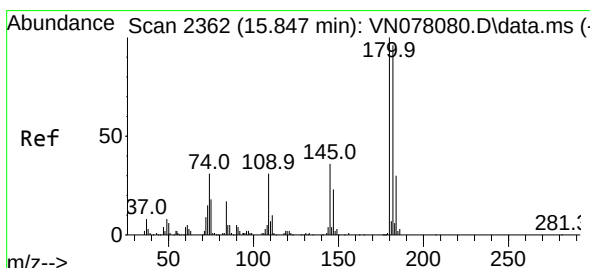
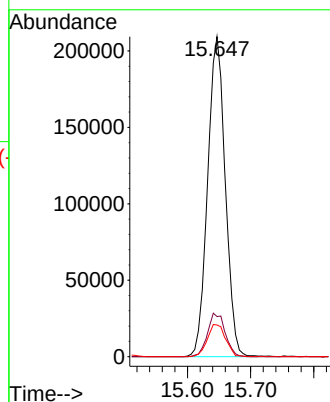
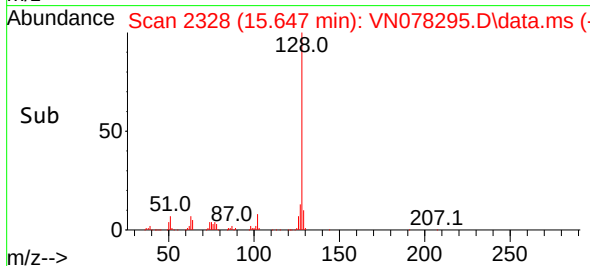
129 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 37.093 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078295.D

Acq: 19 Jun 2023 21:51

Tgt Ion:180 Resp: 135551

Ion Ratio Lower Upper

180 100

182 95.9 46.2 138.6

145 33.2 17.5 52.6

