

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078089.D
 Acq On : 07 Jun 2023 09:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/08/2023

Quant Time: Jun 07 16:39:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	528841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	931310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	820435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	329541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	339080	48.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.180%		
35) Dibromofluoromethane	8.177	113	291346	49.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.571	98	1134884	49.993	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.980%		
62) 4-Bromofluorobenzene	12.853	95	364766	51.687	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	252835	42.294	ug/l	97
3) Chloromethane	2.371	50	270174	47.966	ug/l	100
4) Vinyl Chloride	2.518	62	347859	44.438	ug/l	100
5) Bromomethane	2.954	94	252661	42.709	ug/l	97
6) Chloroethane	3.118	64	236692	44.356	ug/l	99
7) Trichlorofluoromethane	3.501	101	463925	43.704	ug/l	99
8) Diethyl Ether	3.971	74	159702	42.817	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	257390	45.945	ug/l	97
10) Methyl Iodide	4.600	142	364114	45.959	ug/l	95
11) Tert butyl alcohol	5.536	59	216866	222.745	ug/l	98
12) 1,1-Dichloroethene	4.348	96	251878	43.616	ug/l	91
13) Acrolein	4.183	56	240096	223.753	ug/l	97
14) Allyl chloride	5.030	41	352231	49.966	ug/l	96
15) Acrylonitrile	5.730	53	581110	231.508	ug/l	99
16) Acetone	4.436	43	548886	270.446	ug/l	96
17) Carbon Disulfide	4.718	76	653630	43.973	ug/l	97
18) Methyl Acetate	5.036	43	407246	43.584	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	845655	45.896	ug/l	96
20) Methylene Chloride	5.283	84	286888	42.776	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	276954	44.465	ug/l #	82
22) Diisopropyl ether	6.677	45	781583	47.134	ug/l	93
23) Vinyl Acetate	6.612	43	2383439	241.800	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	501838	45.877	ug/l	98
25) 2-Butanone	7.494	43	788165	252.534	ug/l	90
26) 2,2-Dichloropropane	7.494	77	442108	54.737	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	332675	44.777	ug/l	93
28) Bromochloromethane	7.818	49	235285	46.847	ug/l	93
29) Tetrahydrofuran	7.841	42	496451	237.944	ug/l	85
30) Chloroform	7.971	83	545919	46.346	ug/l	96
31) Cyclohexane	8.265	56	400731	44.304	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	489861	47.370	ug/l	99
36) 1,1-Dichloropropene	8.377	75	412118	48.792	ug/l	96
37) Ethyl Acetate	7.565	43	318403	48.255	ug/l	95
38) Carbon Tetrachloride	8.365	117	436540	48.947	ug/l	99
39) Methylcyclohexane	9.606	83	414808	47.389	ug/l	93
40) Benzene	8.612	78	1195463	47.409	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	171587	47.976	ug/l	93
42) 1,2-Dichloroethane	8.677	62	409720	47.389	ug/l	98
43) Isopropyl Acetate	8.694	43	544876	43.179	ug/l	97
44) Trichloroethene	9.359	130	311640	46.798	ug/l	97
45) 1,2-Dichloropropane	9.624	63	301046	47.985	ug/l	96
46) Dibromomethane	9.718	93	218616	47.308	ug/l	96
47) Bromodichloromethane	9.894	83	430023	50.097	ug/l	99
48) Methyl methacrylate	9.688	41	260316	49.156	ug/l	89
49) 1,4-Dioxane	9.700	88	106784	959.398	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1623622	244.335	ug/l	94
52) Toluene	10.635	92	767276	48.193	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	453751	50.758	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	502764	50.877	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	293350	48.708	ug/l	99
56) Ethyl methacrylate	10.877	69	445577	50.810	ug/l	94
57) 1,3-Dichloropropane	11.165	76	496358	48.825	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	899012	253.772	ug/l	93
59) 2-Hexanone	11.200	43	1163882	251.547	ug/l	94
60) Dibromochloromethane	11.365	129	327189	49.647	ug/l	99
61) 1,2-Dibromoethane	11.477	107	304066	48.109	ug/l	100
64) Tetrachloroethene	11.112	164	268868	49.123	ug/l	98
65) Chlorobenzene	11.894	112	827621	47.104	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	305356	47.252	ug/l	97
67) Ethyl Benzene	11.971	91	1463366	48.269	ug/l	100
68) m/p-Xylenes	12.076	106	1140100	98.677	ug/l	100
69) o-Xylene	12.406	106	560240	49.378	ug/l	100
70) Styrene	12.418	104	889321	49.788	ug/l	98
71) Bromoform	12.582	173	210481	50.470	ug/l #	99
73) Isopropylbenzene	12.700	105	1376069	44.158	ug/l	99
74) N-amyl acetate	12.500	43	448591	43.714	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	403378	46.912	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	326836m	41.953	ug/l	
77) Bromobenzene	12.988	156	319972	44.232	ug/l	95
78) n-propylbenzene	13.041	91	1561497	46.120	ug/l	99
79) 2-Chlorotoluene	13.129	91	948467	43.399	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1128372	44.724	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	123427	48.676	ug/l #	86
82) 4-Chlorotoluene	13.223	91	923943	45.298	ug/l	98
83) tert-Butylbenzene	13.441	119	944545	43.069	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1131728	46.267	ug/l	99
85) sec-Butylbenzene	13.623	105	1242932	43.300	ug/l	100
86) p-Isopropyltoluene	13.735	119	1026713	44.076	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	548216	44.802	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	538100	45.573	ug/l	99
89) n-Butylbenzene	14.059	91	811426	44.163	ug/l	97
90) Hexachloroethane	14.341	117	178688	43.225	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	539758	45.135	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	69782	45.209	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	212423	49.854	ug/l	99
94) Hexachlorobutadiene	15.506	225	94560	45.007	ug/l	98
95) Naphthalene	15.647	128	679508	47.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	215918	45.309	ug/l	99

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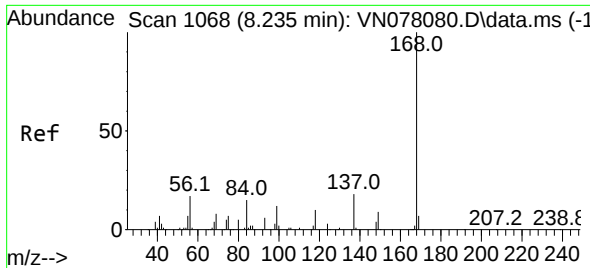
Manual Integrations
APPROVED

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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



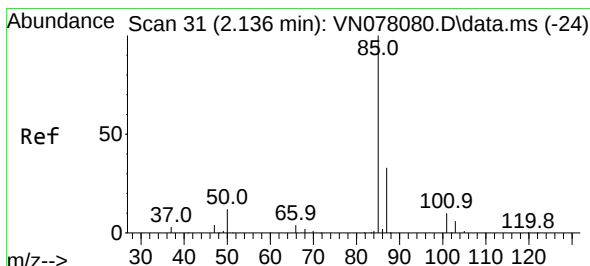
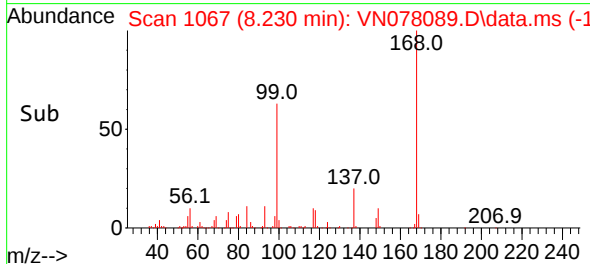
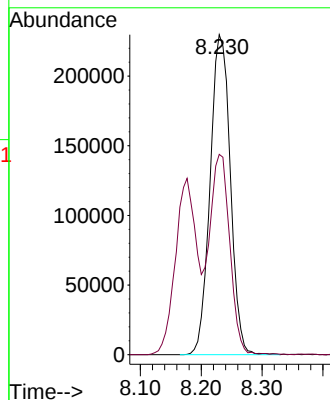
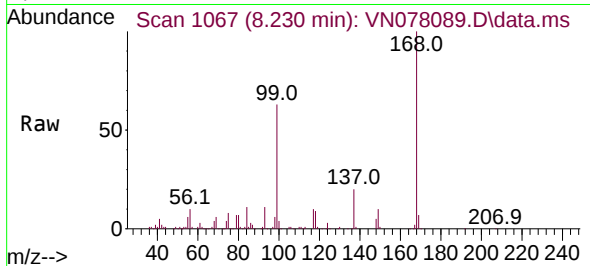
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 52884
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6

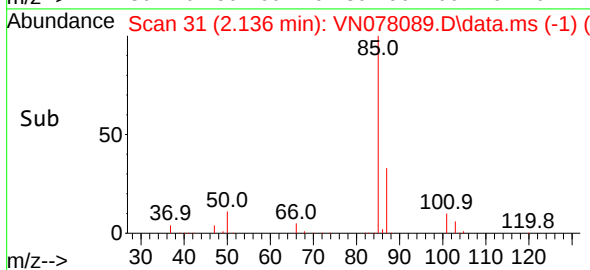
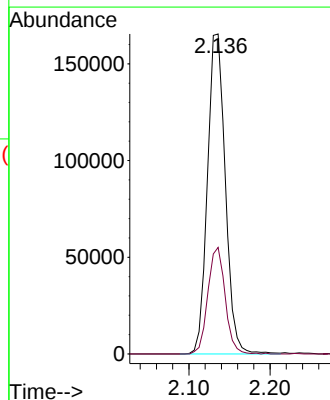
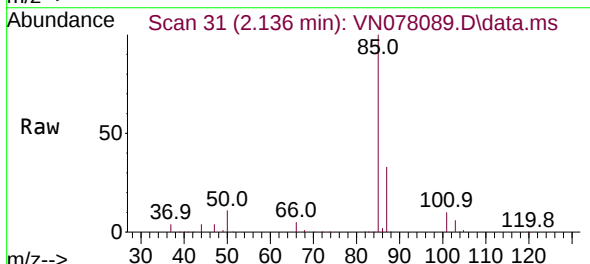
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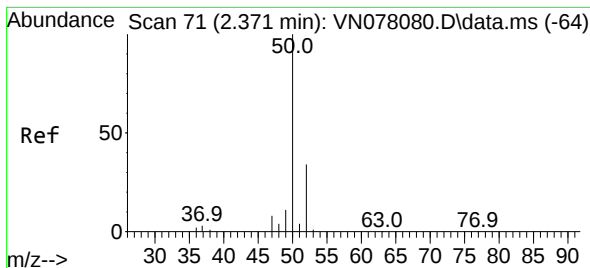
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#2
Dichlorodifluoromethane
Concen: 42.294 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Tgt Ion: 85 Resp: 252835
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3

Chloromethane

Concen: 47.966 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 270174

Ion Ratio Lower Upper

50 100

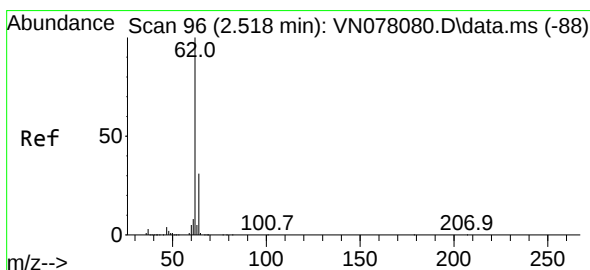
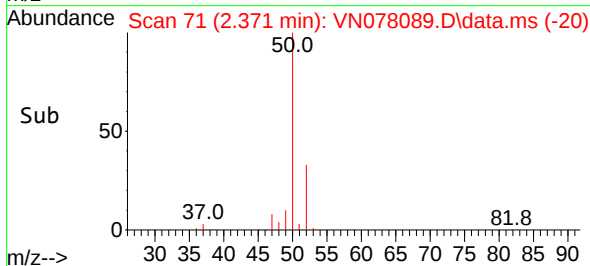
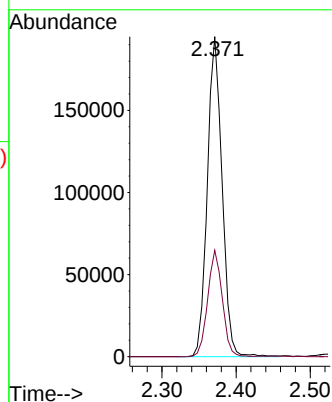
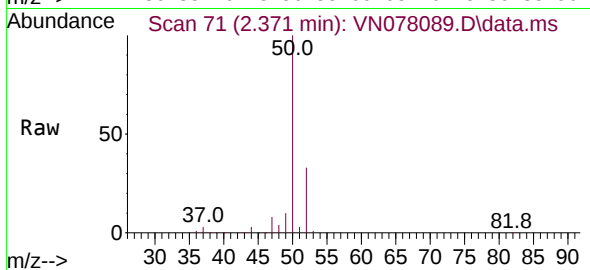
52 33.3 26.5 39.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/08/2023



#4

Vinyl Chloride

Concen: 44.438 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078089.D

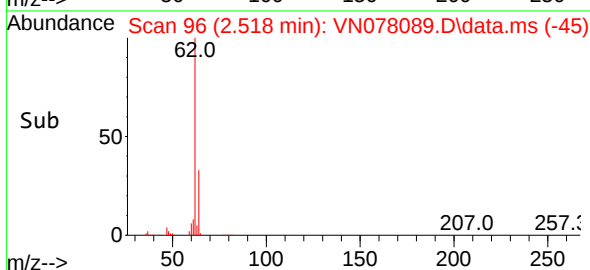
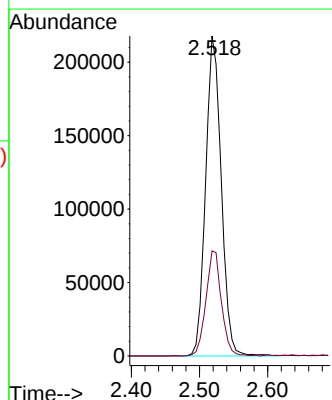
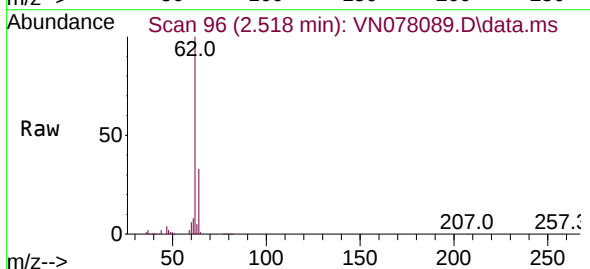
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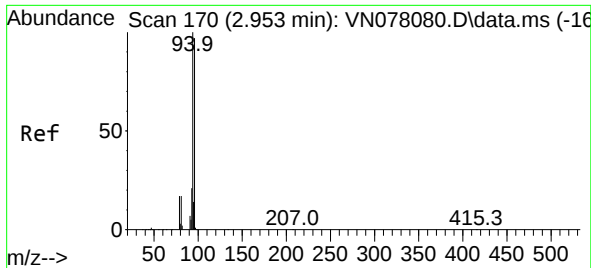
Tgt Ion: 62 Resp: 347859

Ion Ratio Lower Upper

62 100

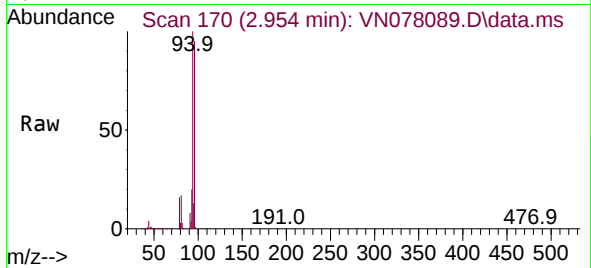
64 32.9 26.2 39.2





#5
Bromomethane
Concen: 42.709 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

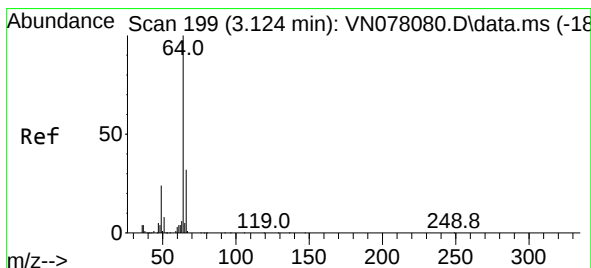
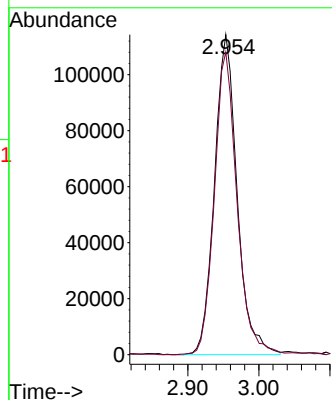
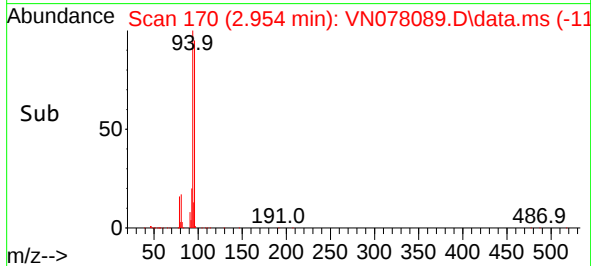
Instrument :
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Tgt Ion: 94 Resp: 25266
Ion Ratio Lower Upper
94 100
96 94.5 73.1 109.7

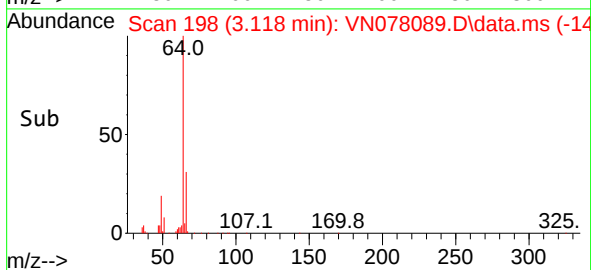
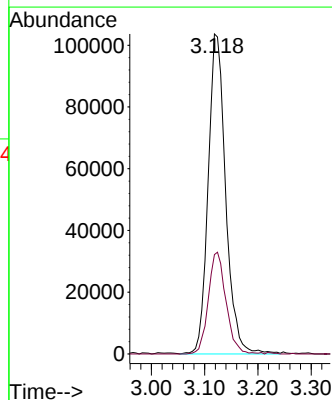
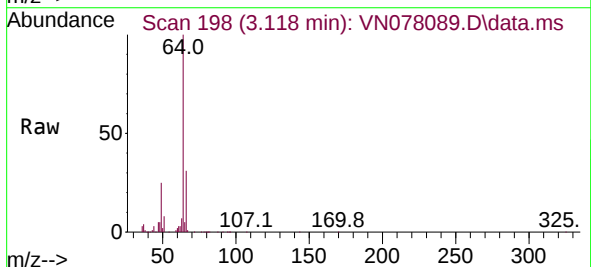
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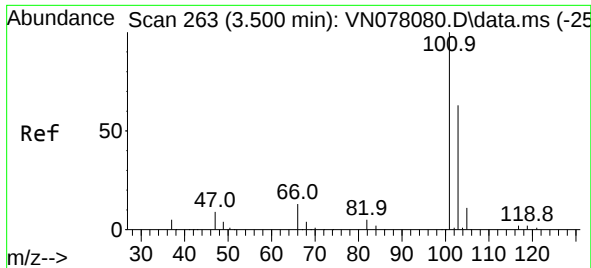
Reviewed By :John Carlone 06/07/2023
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#6
Chloroethane
Concen: 44.356 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078089.D
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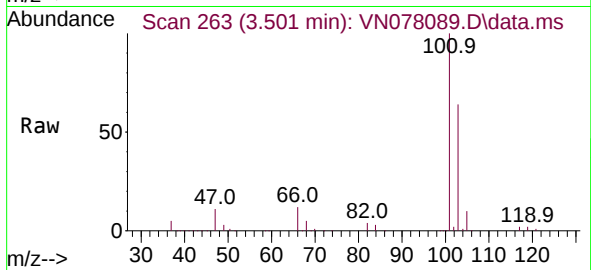
Tgt Ion: 64 Resp: 236692
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 43.704 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

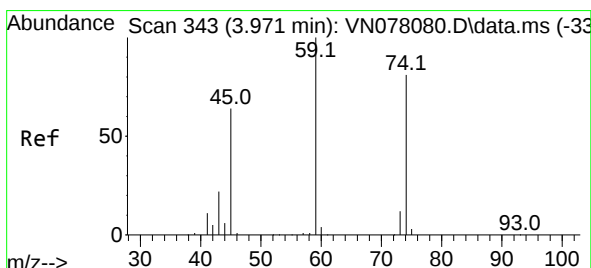
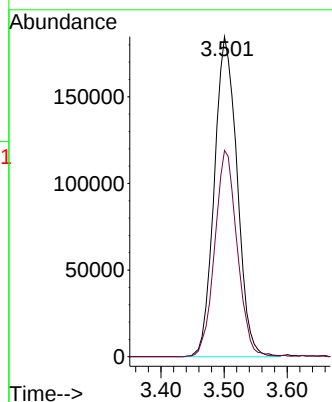
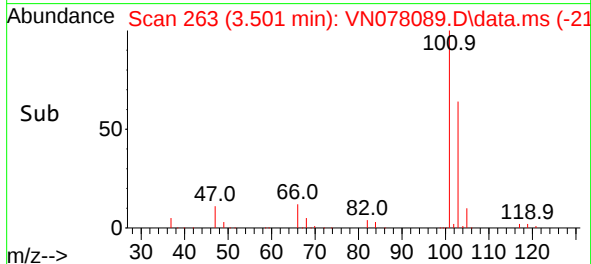
Instrument :
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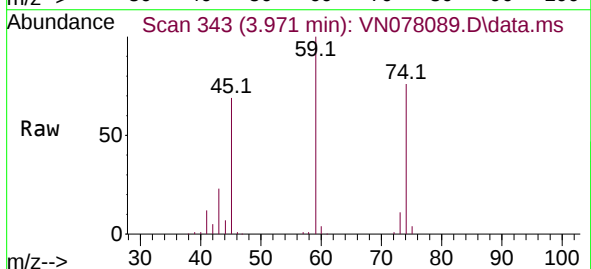
Tgt Ion:101 Resp: 463925
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

Manual Integrations
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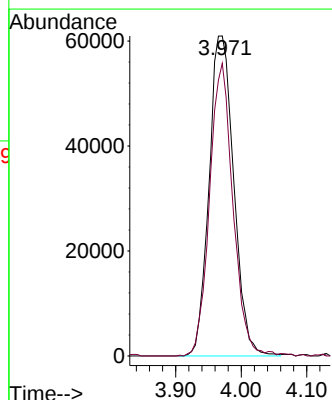
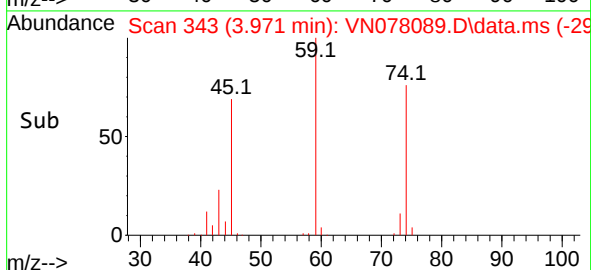
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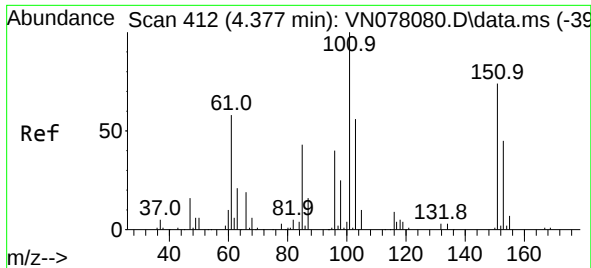


#8
Diethyl Ether
Concen: 42.817 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



Tgt Ion: 74 Resp: 159702
Ion Ratio Lower Upper
74 100
45 86.5 34.4 103.3





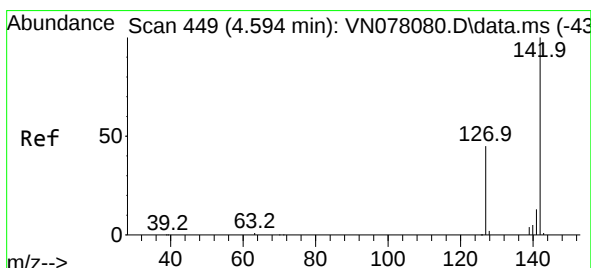
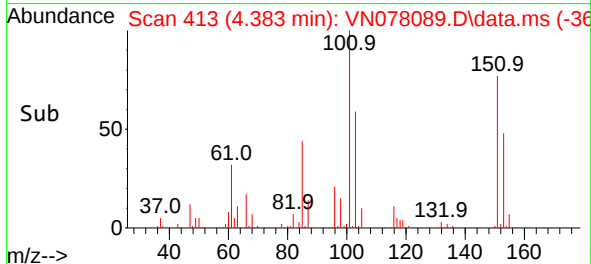
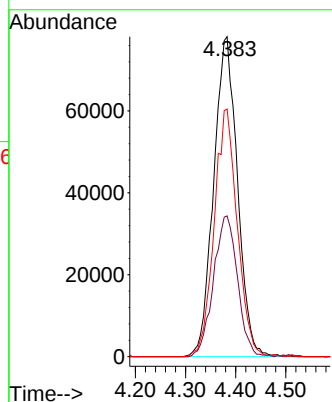
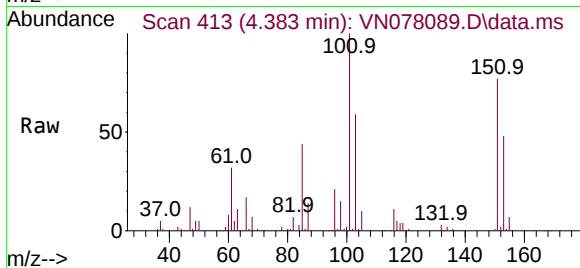
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.945 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 257390
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 75.1 57.6 86.4

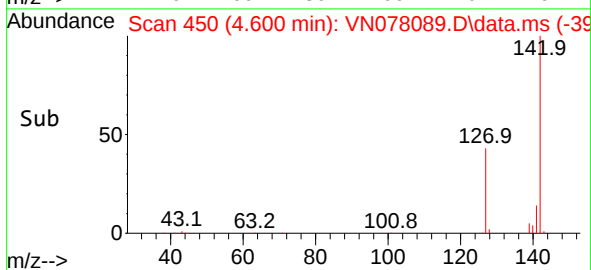
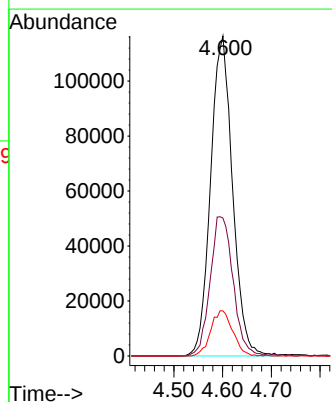
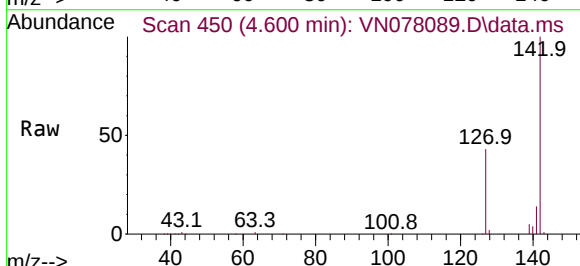
Manual Integrations
APPROVED

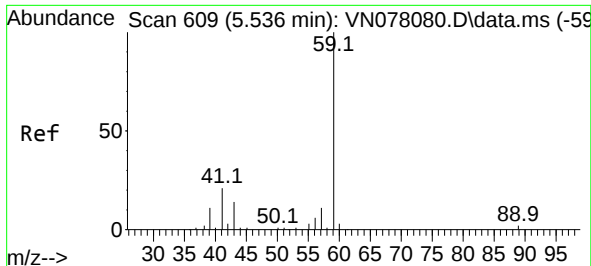
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#10
Methyl Iodide
Concen: 45.959 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

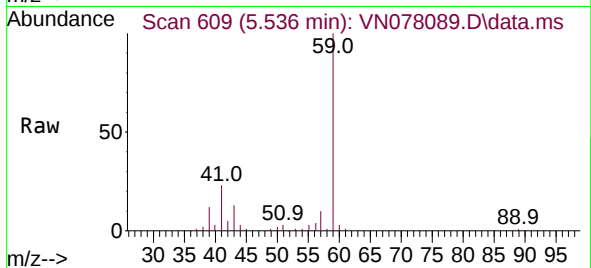
Tgt Ion:142 Resp: 364114
Ion Ratio Lower Upper
142 100
127 43.1 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 222.745 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

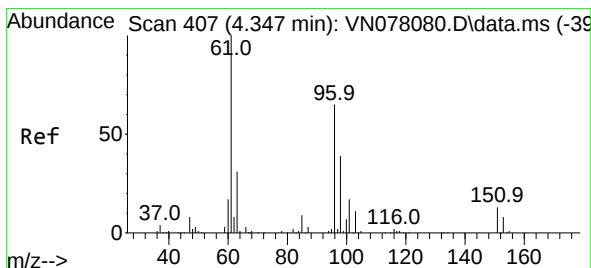
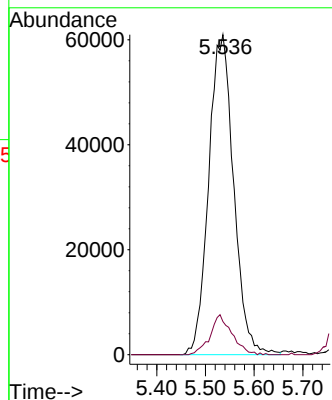
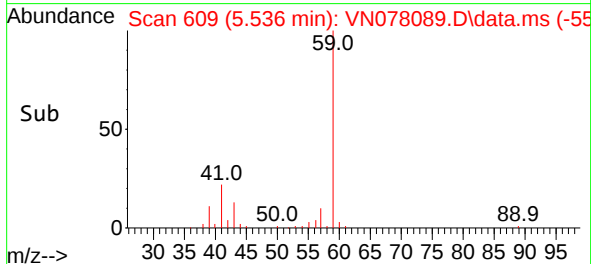
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 216860
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

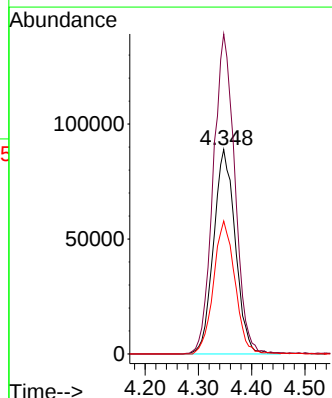
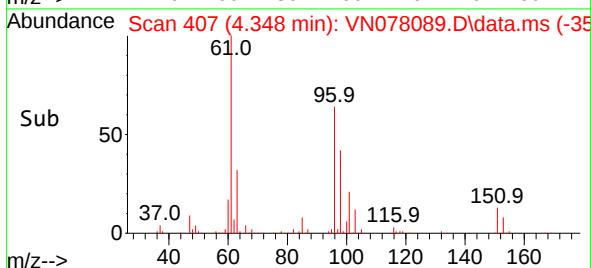
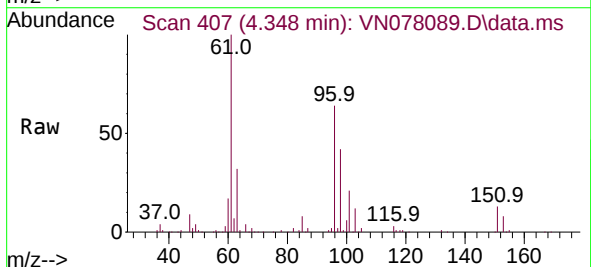
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#12
1,1-Dichloroethene
Concen: 43.616 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Tgt Ion: 96 Resp: 251878
Ion Ratio Lower Upper
96 100
61 156.5 112.7 169.1
98 65.0 51.2 76.8





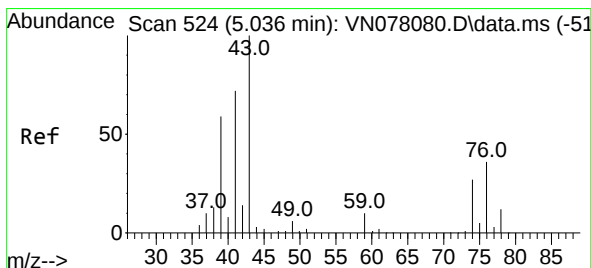
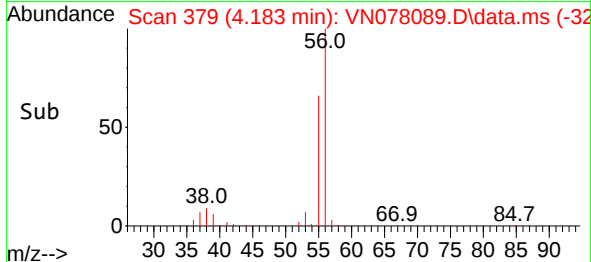
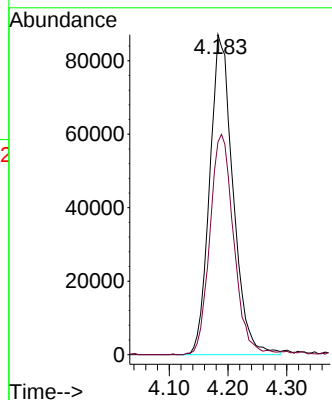
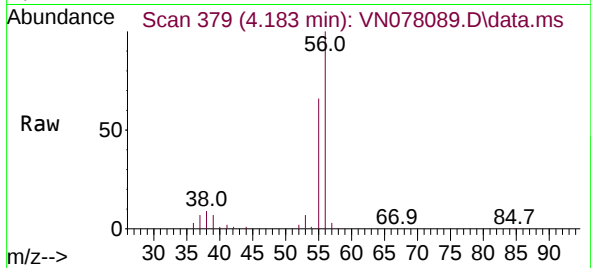
#13
Acrolein
Concen: 223.753 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 240090
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

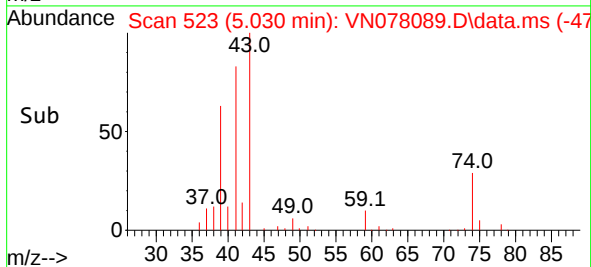
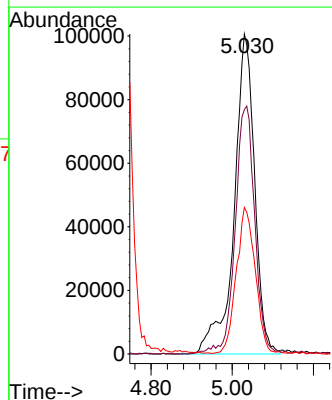
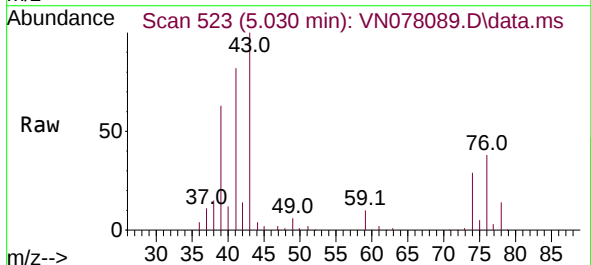
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#14
Allyl chloride
Concen: 49.966 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

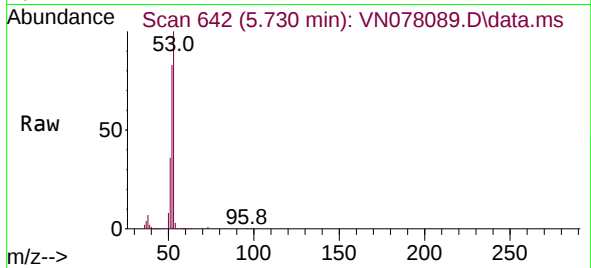
Tgt Ion: 41 Resp: 352231
Ion Ratio Lower Upper
41 100
39 74.0 58.8 88.2
76 42.2 39.1 58.7





#15
Acrylonitrile
Concen: 231.508 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

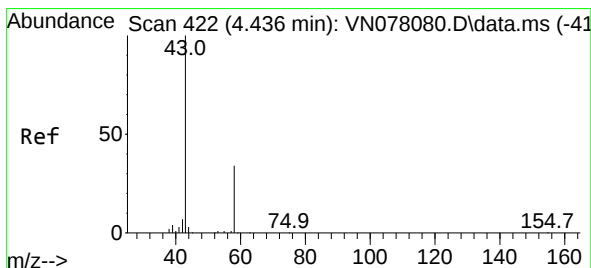
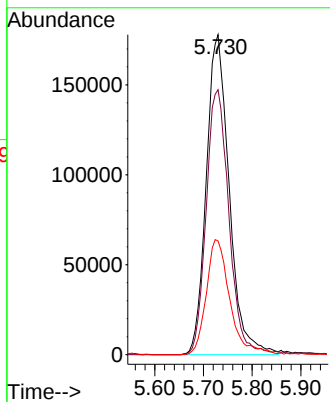
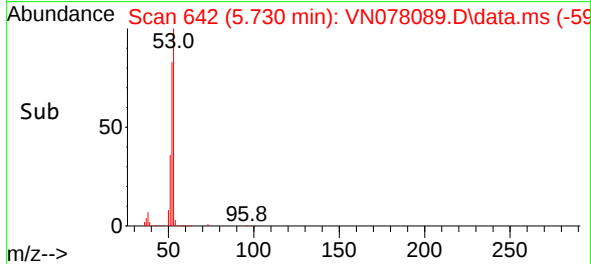
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 581110
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 37.0 28.9 43.3

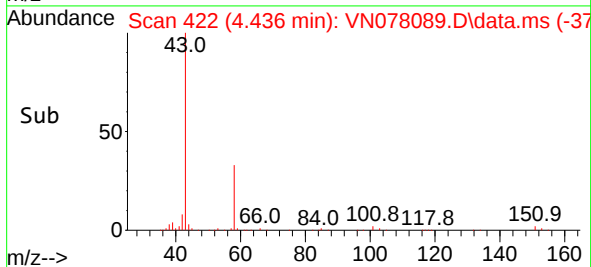
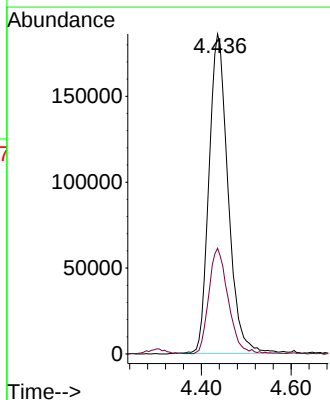
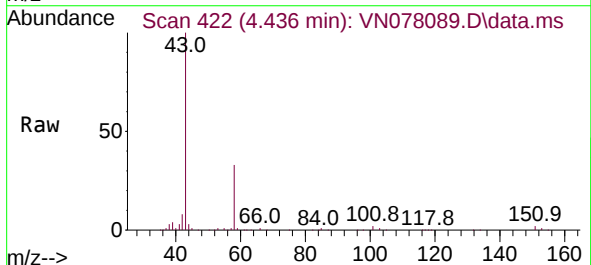
Manual Integrations
APPROVED

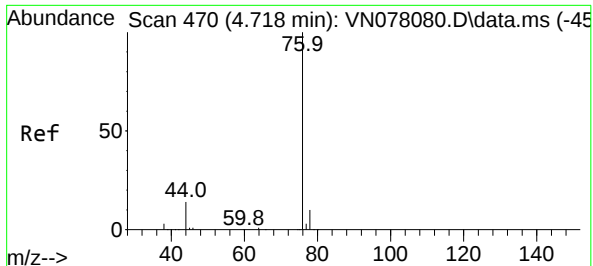
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#16
Acetone
Concen: 270.446 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

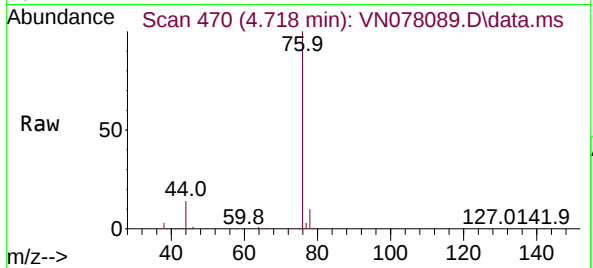
Tgt Ion: 43 Resp: 548886
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0





#17
Carbon Disulfide
Concen: 43.973 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

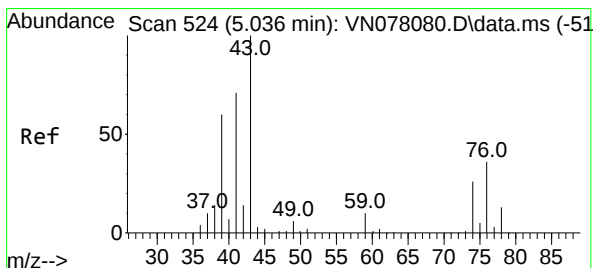
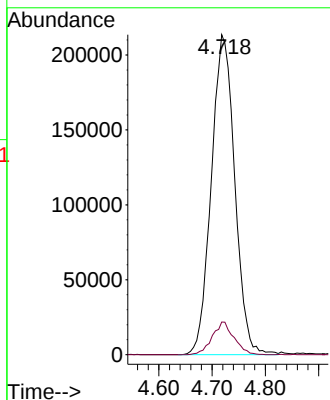
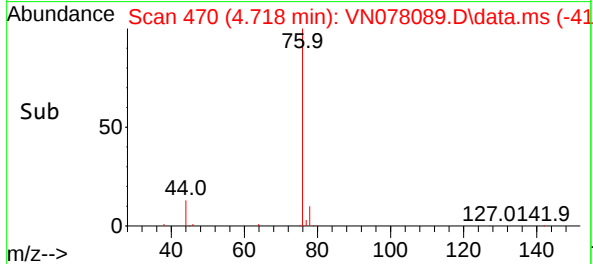
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 653630
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

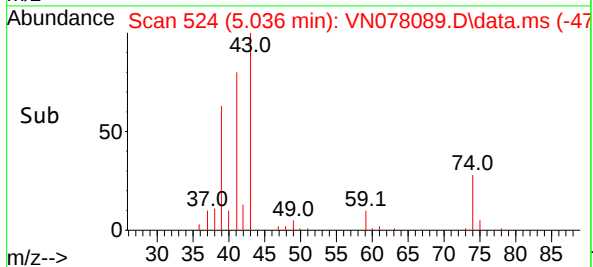
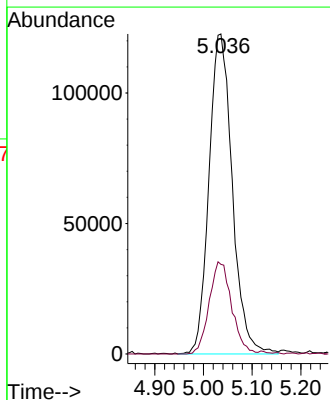
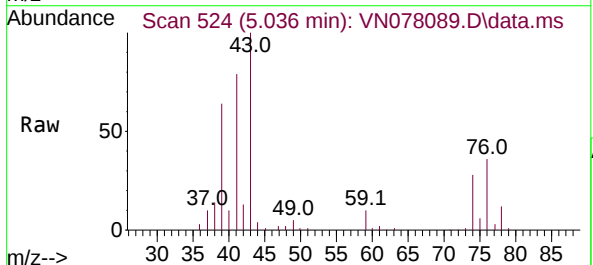
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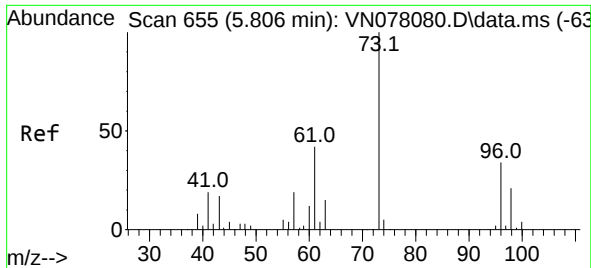
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#18
Methyl Acetate
Concen: 43.584 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

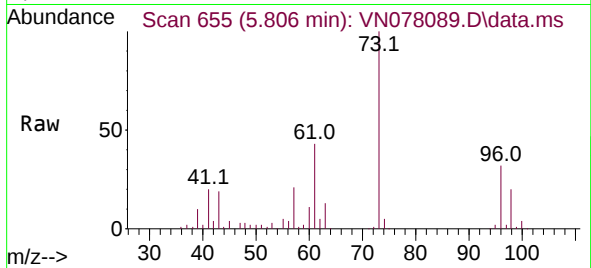
Tgt Ion: 43 Resp: 407246
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 45.896 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

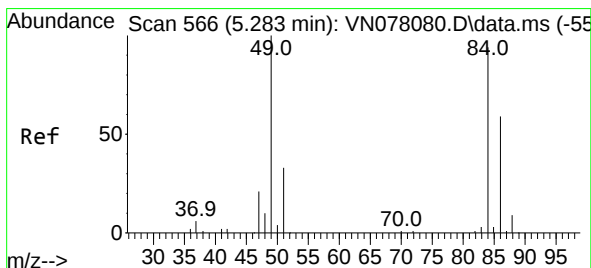
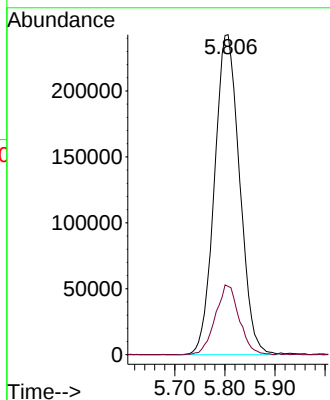
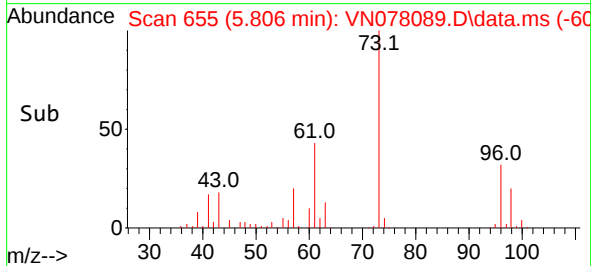
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 84565
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4

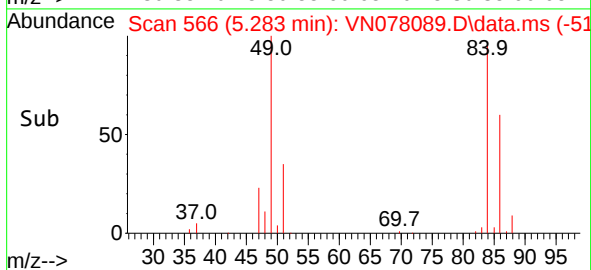
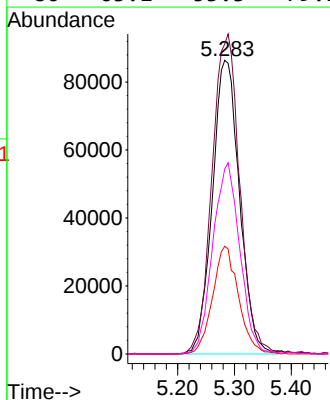
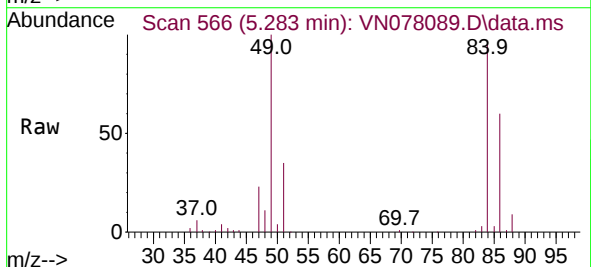
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#20
Methylene Chloride
Concen: 42.776 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

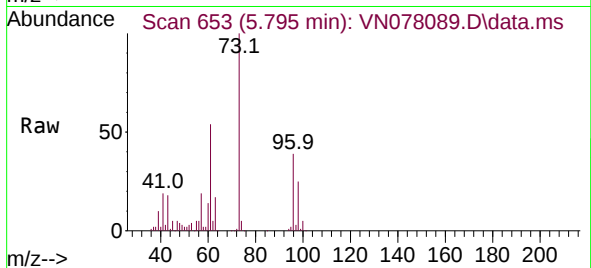
Tgt Ion: 84 Resp: 286888
Ion Ratio Lower Upper
84 100
49 105.7 79.7 119.5
51 36.7 25.2 37.8
86 63.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 44.465 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

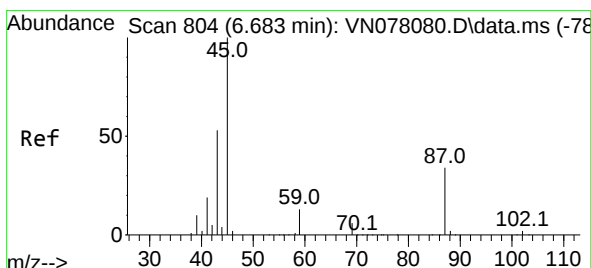
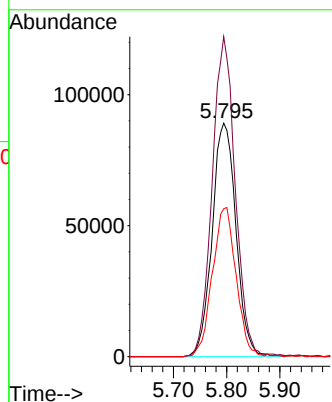
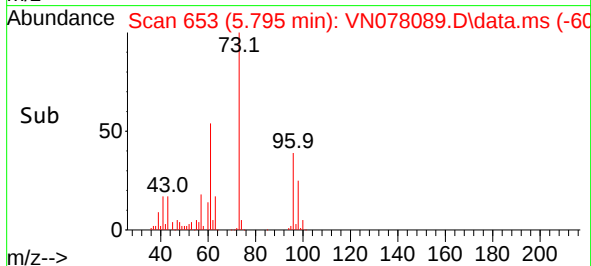
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 276954
Ion Ratio Lower Upper
96 100
61 137.0 90.1 135.1
98 63.4 46.4 69.6

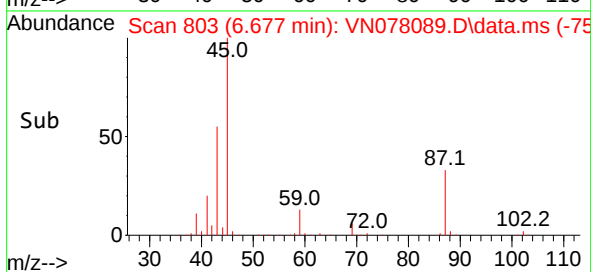
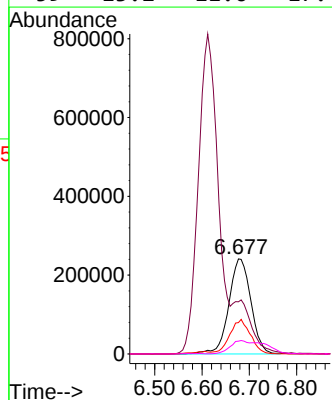
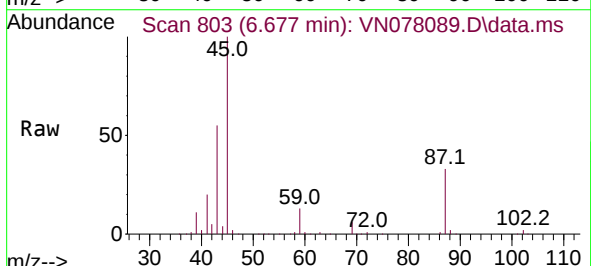
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#22
Diisopropyl ether
Concen: 47.134 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

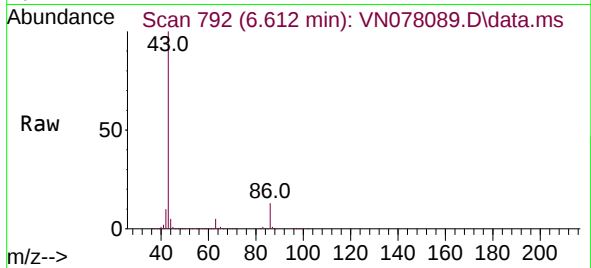
Tgt Ion: 45 Resp: 781583
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 32.8 31.8 47.8
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 241.800 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078089.D
 Acq: 07 Jun 2023 09:10

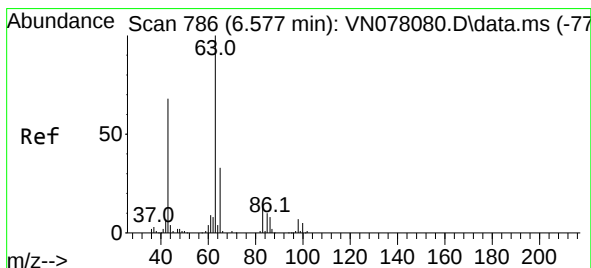
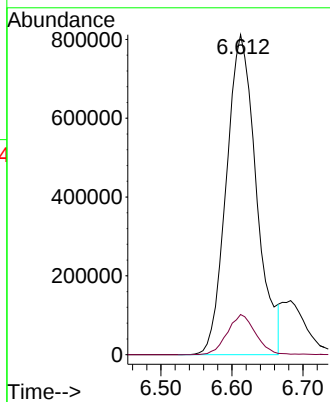
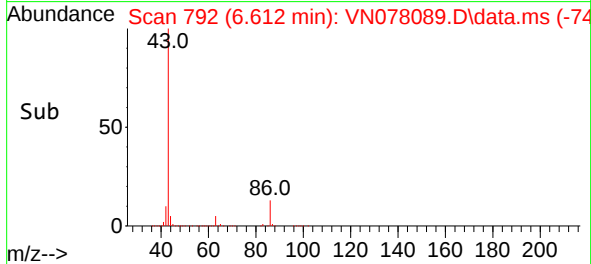
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



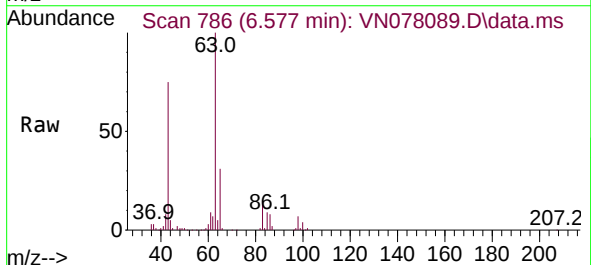
Tgt Ion: 43 Resp: 2383439
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

Manual Integrations
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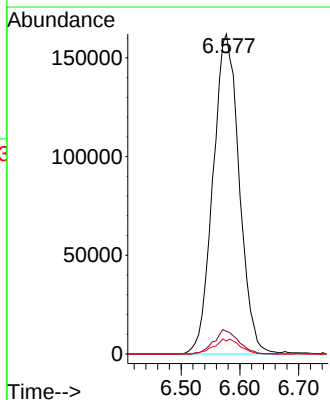
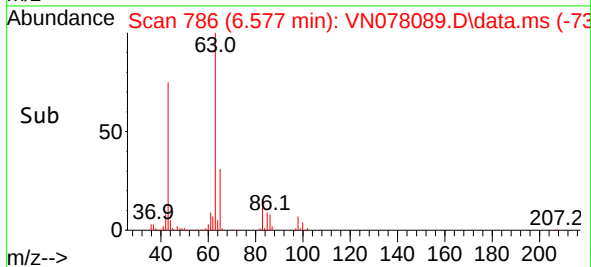
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#24
 1,1-Dichloroethane
 Concen: 45.877 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078089.D
 Acq: 07 Jun 2023 09:10



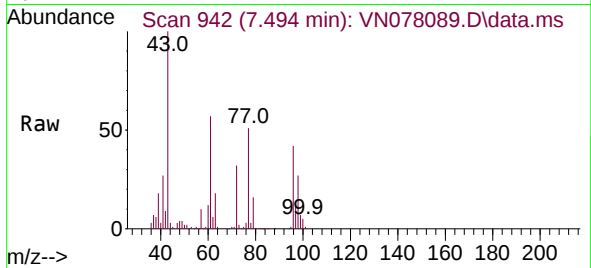
Tgt Ion: 63 Resp: 501838
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 252.534 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

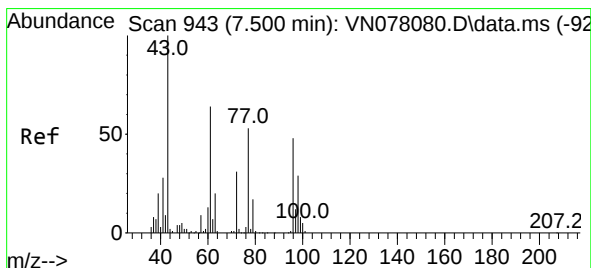
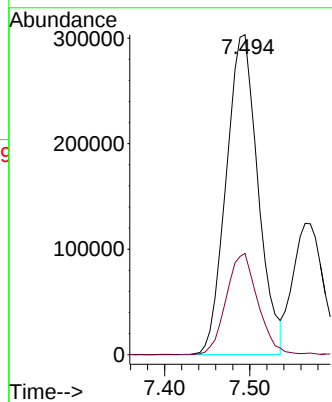
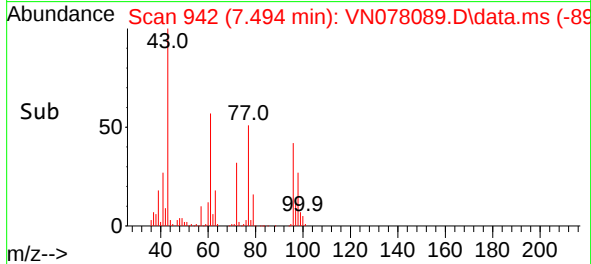
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



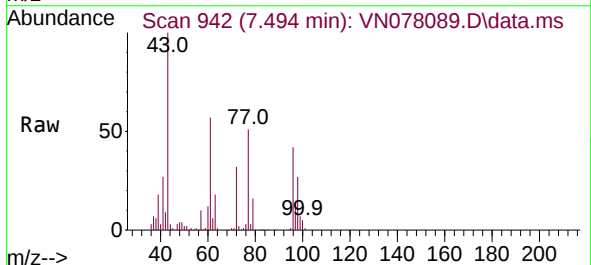
Tgt Ion: 43 Resp: 78816
Ion Ratio Lower Upper
43 100
72 31.7 30.2 45.2

Manual Integrations
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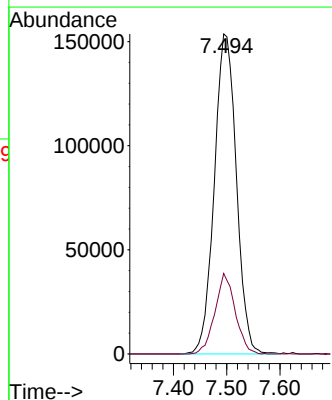
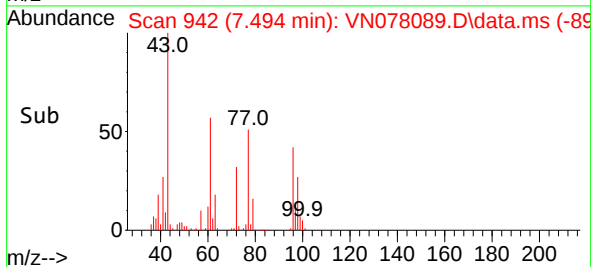
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#26
2,2-Dichloropropane
Concen: 54.737 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



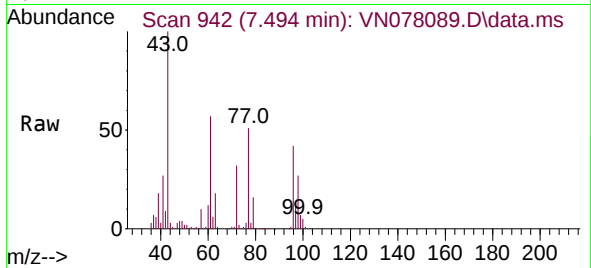
Tgt Ion: 77 Resp: 442108
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 44.777 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078089.D
 Acq: 07 Jun 2023 09:10

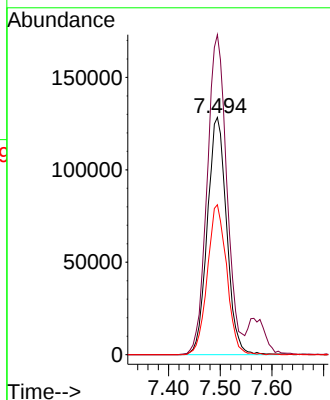
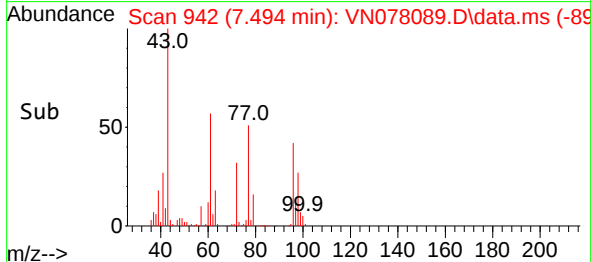
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



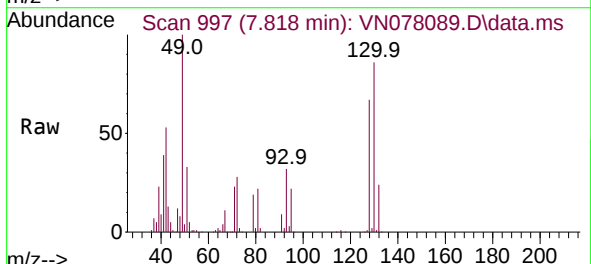
Tgt Ion: 96 Resp: 332679
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 255.2
 98 63.4 0.0 128.8

Manual Integrations
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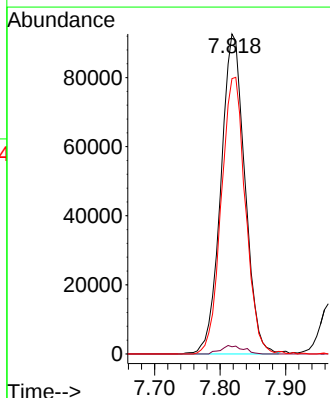
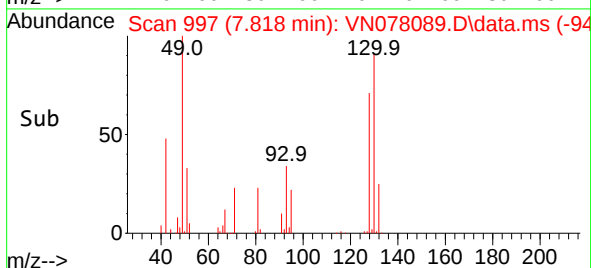
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/08/2023

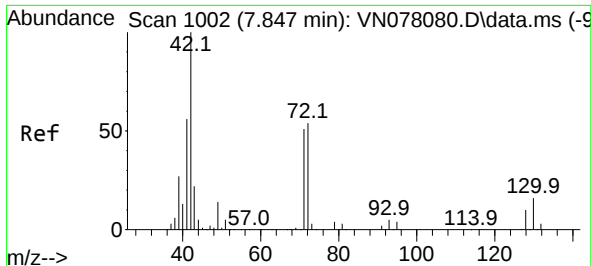


#28
 Bromochloromethane
 Concen: 46.847 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078089.D
 Acq: 07 Jun 2023 09:10



Tgt Ion: 49 Resp: 235285
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 87.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 237.944 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 49645

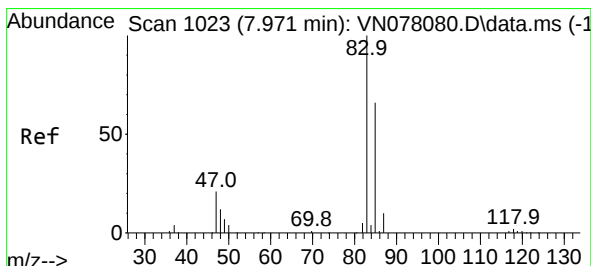
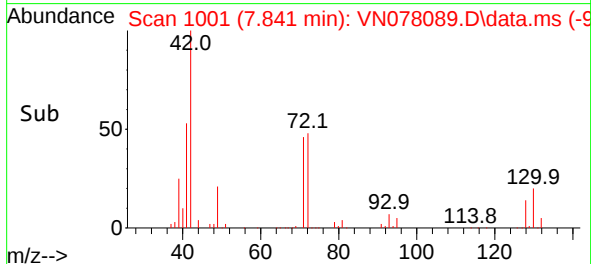
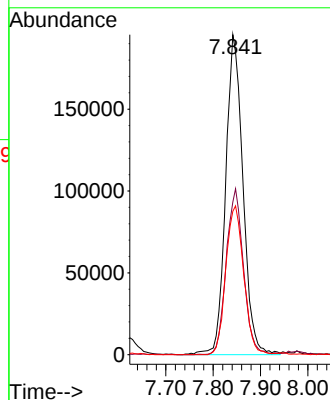
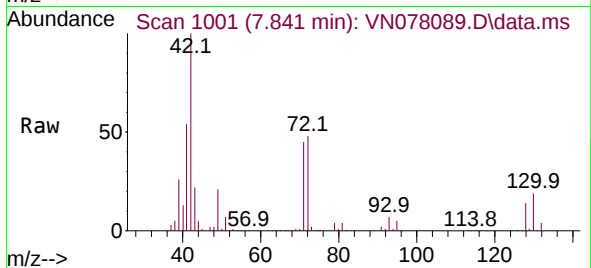
Ion	Ratio	Lower	Upper
42	100		
72	51.0	49.8	74.6
71	48.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/08/2023



#30

Chloroform

Concen: 46.346 ug/l

RT: 7.971 min Scan# 1023

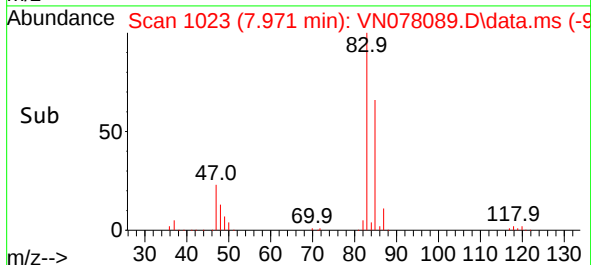
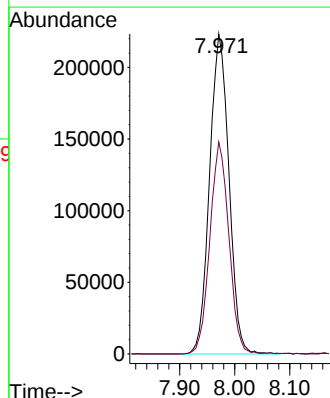
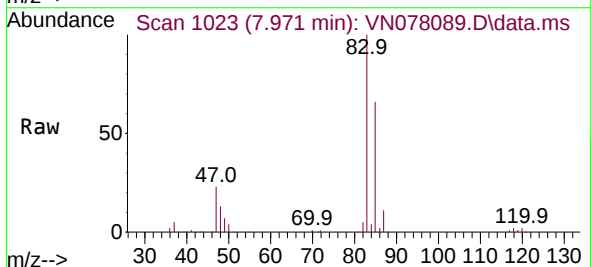
Delta R.T. 0.000 min

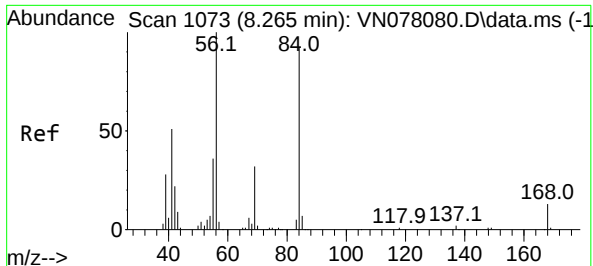
Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Tgt Ion: 83 Resp: 545919

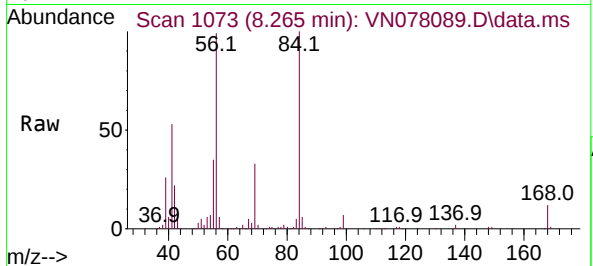
Ion	Ratio	Lower	Upper
83	100		
85	66.2	55.4	83.0





#31
Cyclohexane
Concen: 44.304 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

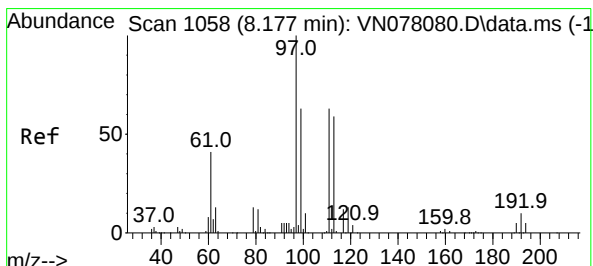
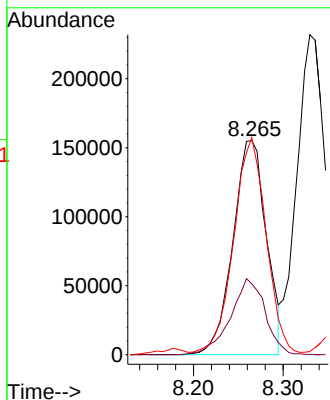
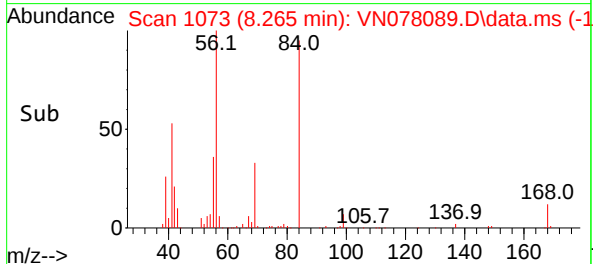
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



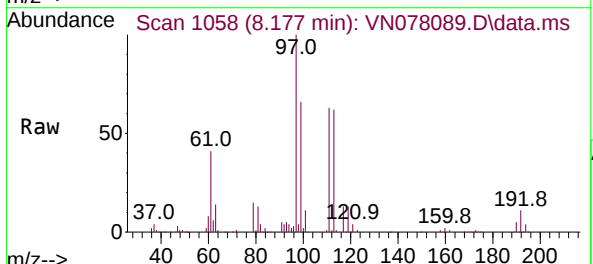
Tgt Ion: 56 Resp: 40073
Ion Ratio Lower Upper
56 100
69 33.1 26.8 40.2
84 98.8 81.8 122.6

Manual Integrations
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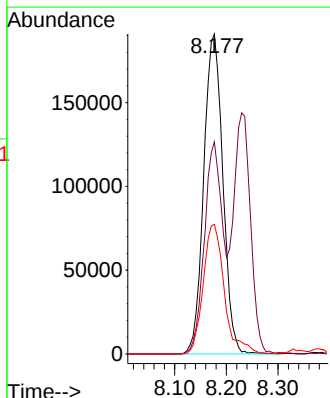
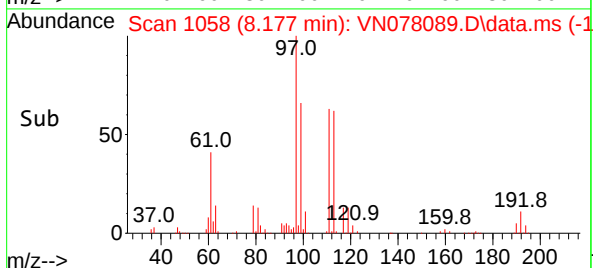
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

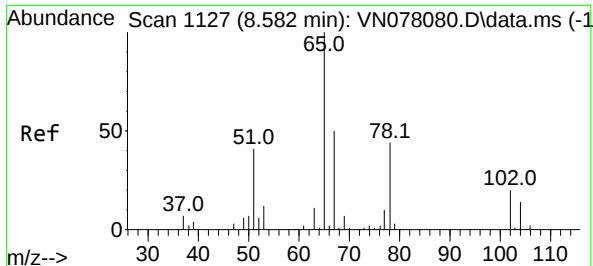


#32
1,1,1-Trichloroethane
Concen: 47.370 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



Tgt Ion: 97 Resp: 489861
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.089 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 339080

Ion Ratio Lower Upper

65 100

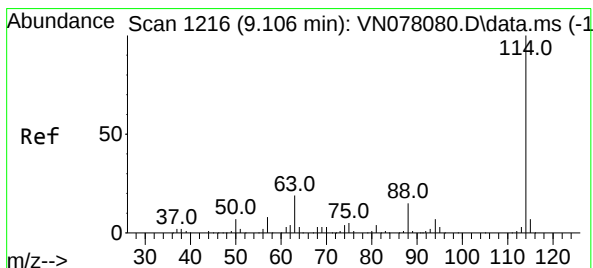
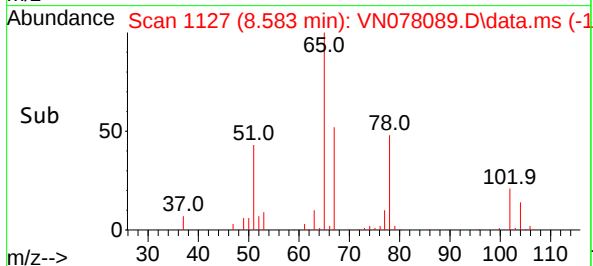
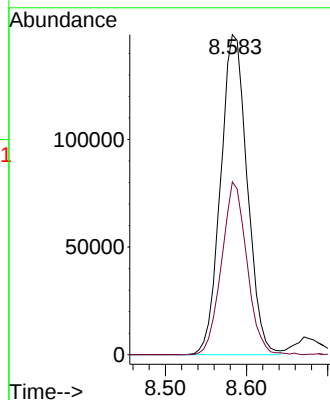
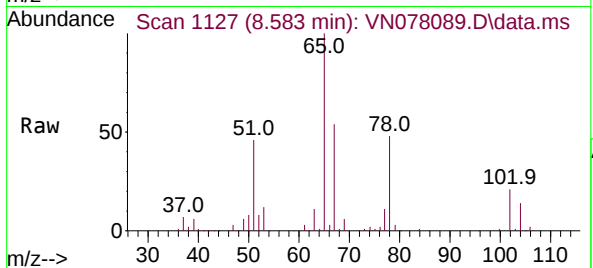
67 51.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

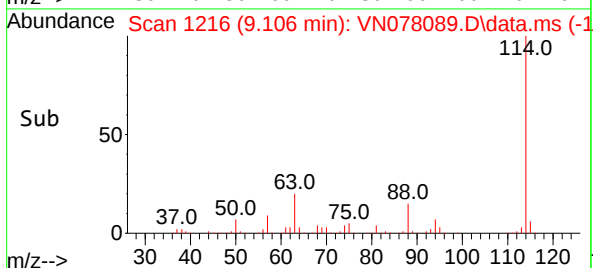
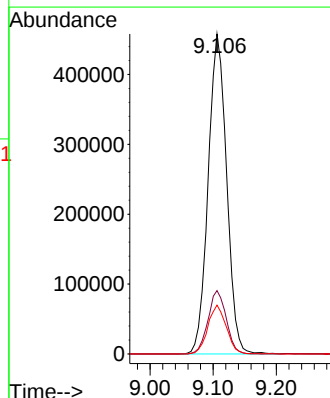
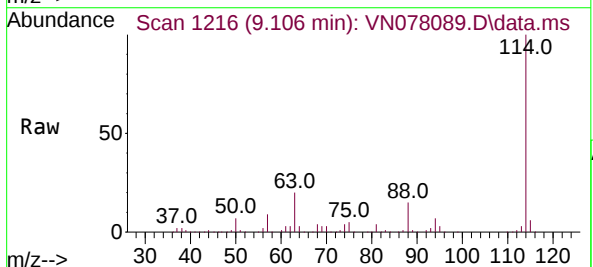
Tgt Ion:114 Resp: 931310

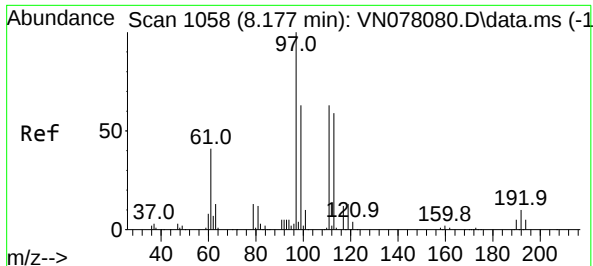
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.477 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 291340

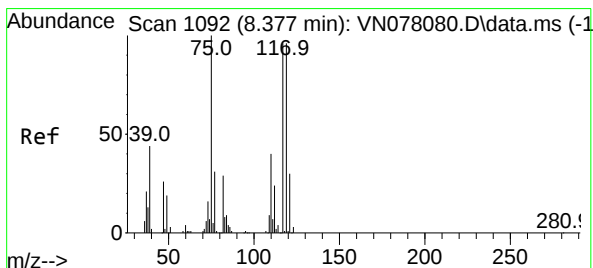
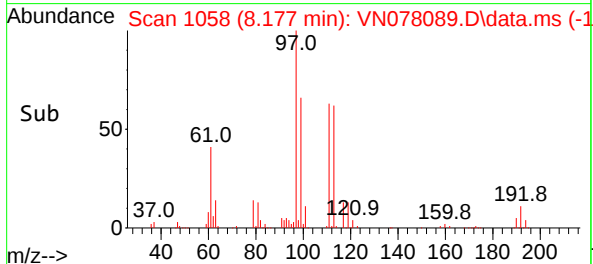
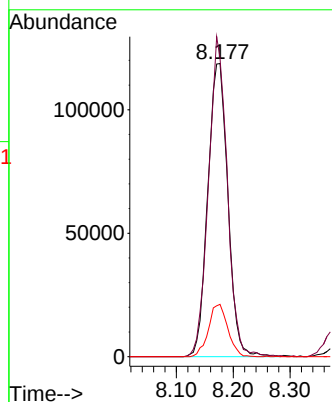
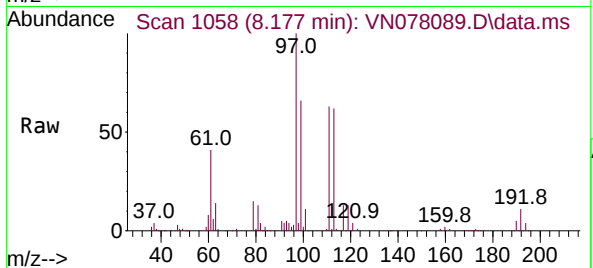
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	17.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/08/2023



#36

1,1-Dichloropropene

Concen: 48.792 ug/l

RT: 8.377 min Scan# 1092

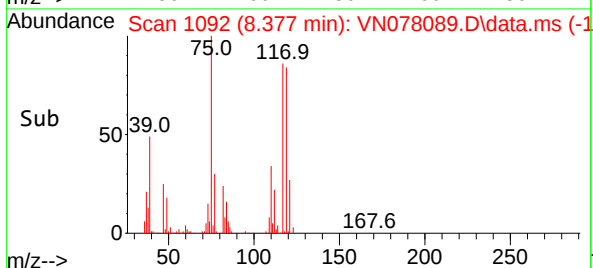
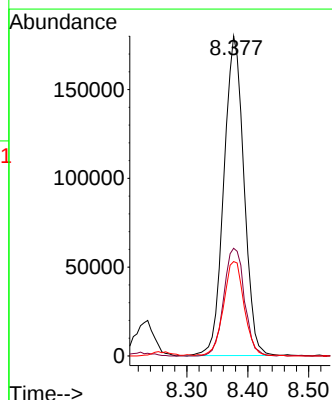
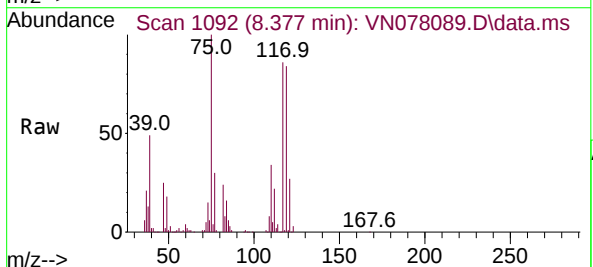
Delta R.T. 0.000 min

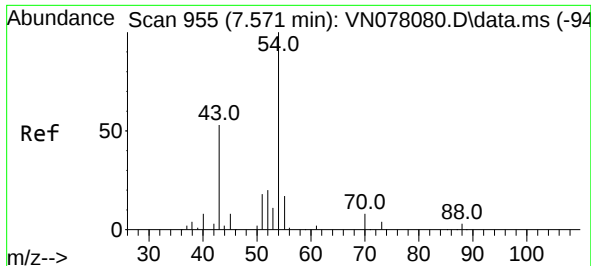
Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Tgt Ion: 75 Resp: 412118

Ion	Ratio	Lower	Upper
75	100		
110	34.7	19.1	57.3
77	30.1	25.0	37.4





#37

Ethyl Acetate

Concen: 48.255 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 31840

Ion Ratio Lower Upper

43 100

61 14.5 13.2 19.8

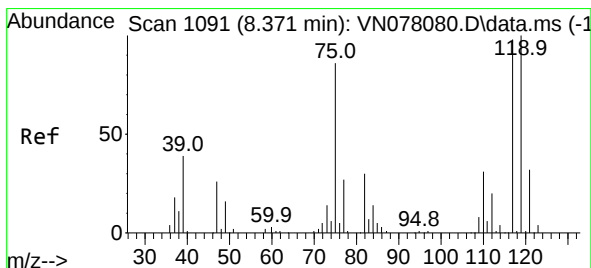
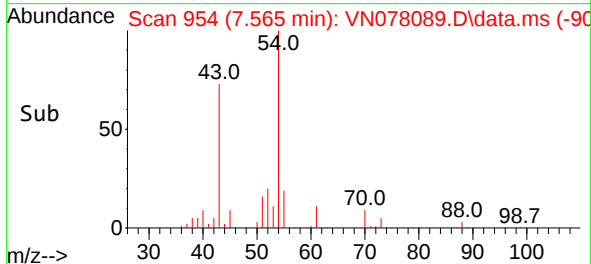
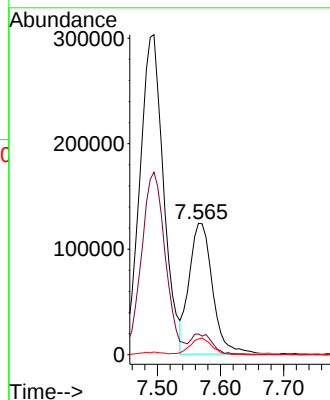
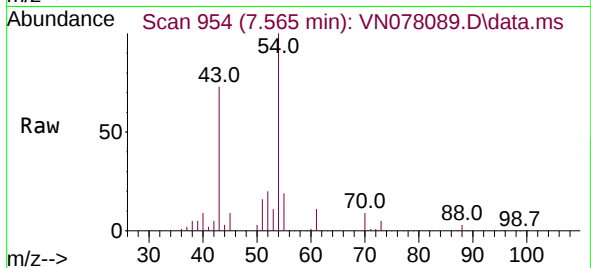
70 11.8 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/08/2023



#38

Carbon Tetrachloride

Concen: 48.947 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

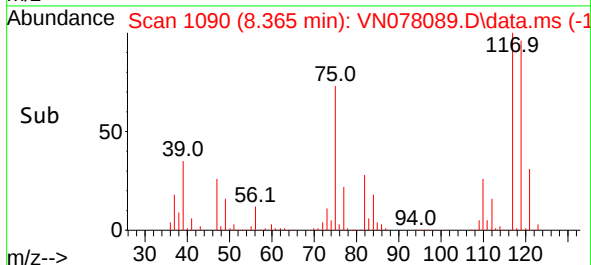
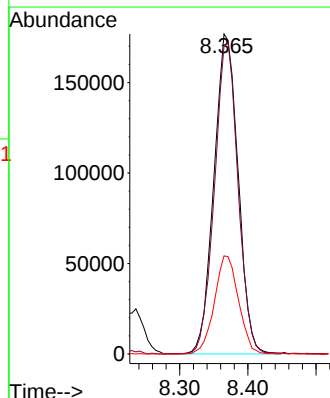
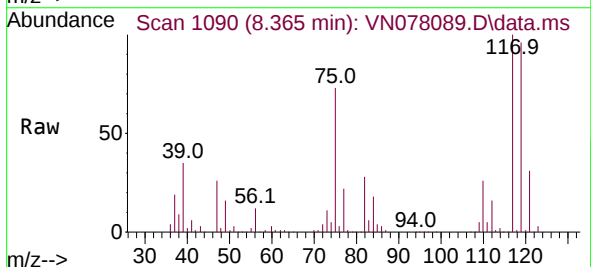
Tgt Ion:117 Resp: 436540

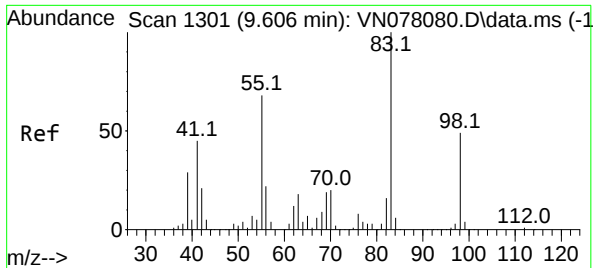
Ion Ratio Lower Upper

117 100

119 96.2 77.3 115.9

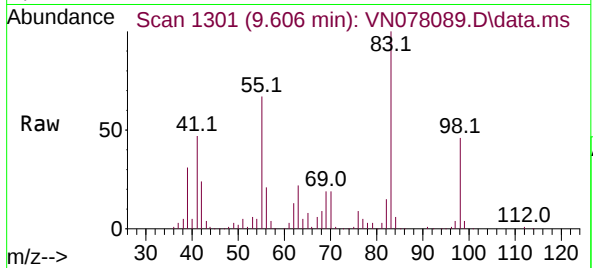
121 30.6 23.3 34.9





#39
Methylcyclohexane
Concen: 47.389 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

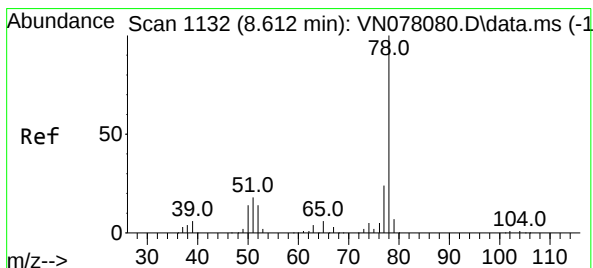
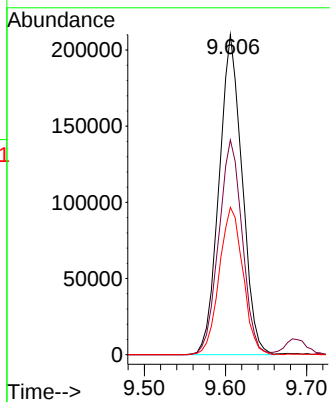
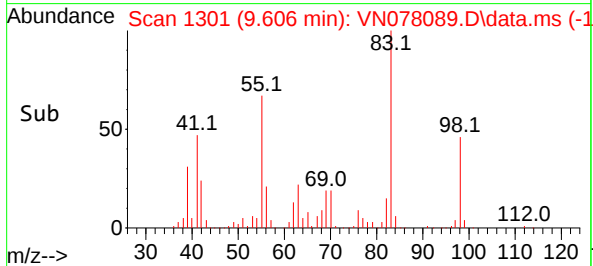
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 414808
Ion Ratio Lower Upper
83 100
55 67.1 49.1 73.7
98 46.0 40.6 61.0

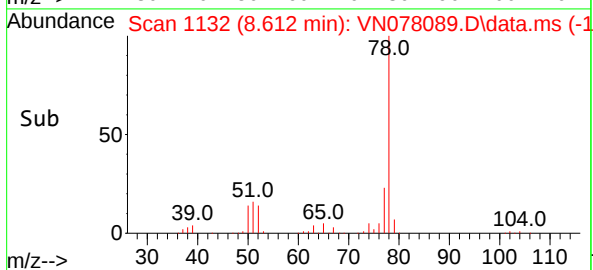
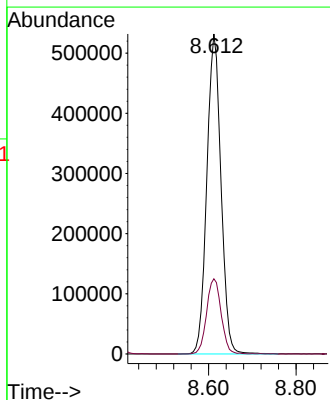
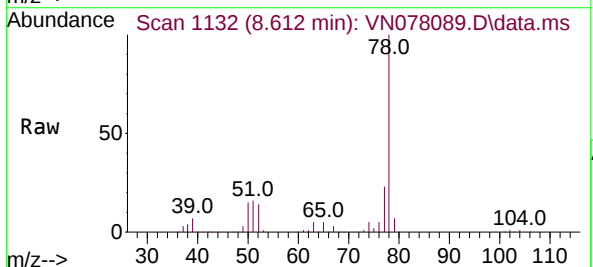
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#40
Benzene
Concen: 47.409 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

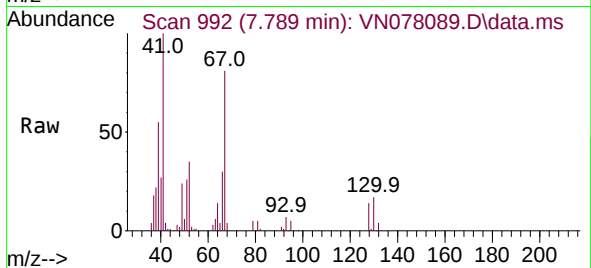
Tgt Ion: 78 Resp: 1195463
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 47.976 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

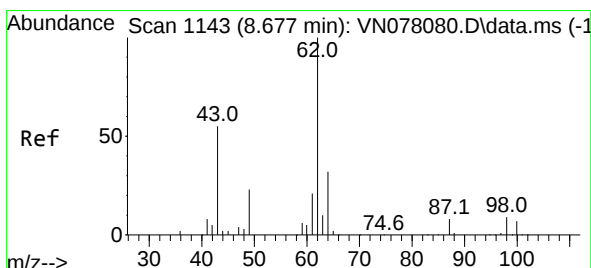
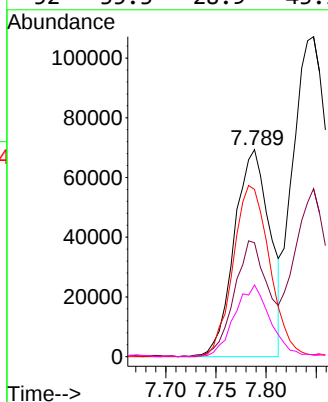
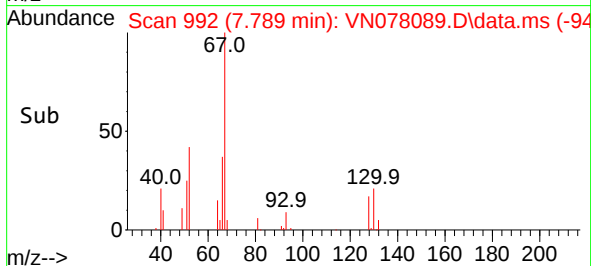
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 17158
Ion Ratio Lower Upper
41 100
39 53.8 42.6 64.0
67 85.0 77.5 116.3
52 35.3 28.9 43.3

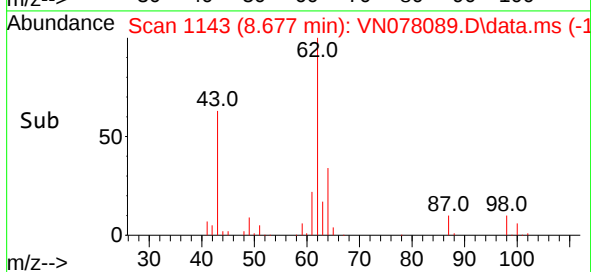
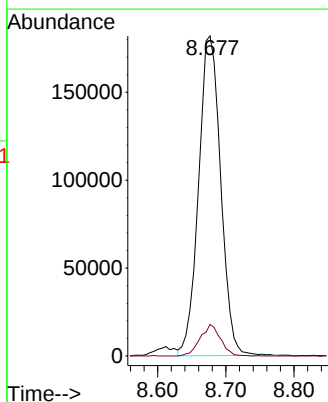
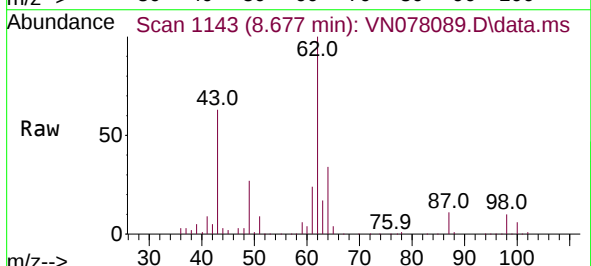
Manual Integrations
APPROVED

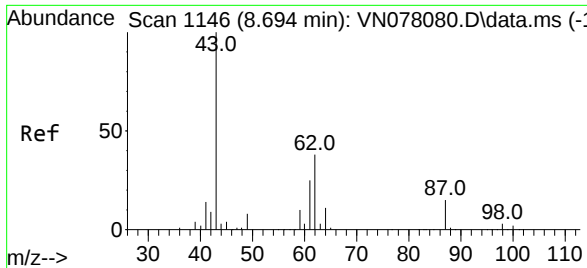
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#42
1,2-Dichloroethane
Concen: 47.389 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

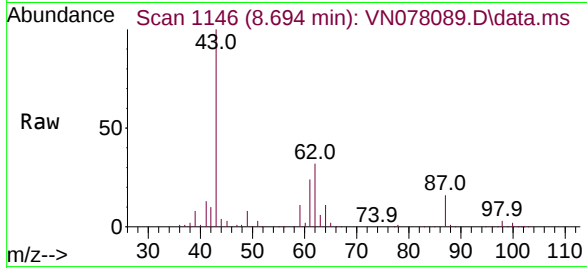
Tgt Ion: 62 Resp: 409720
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 43.179 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

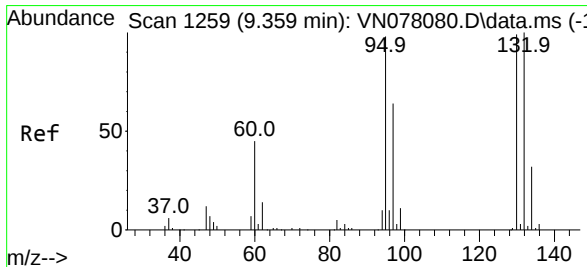
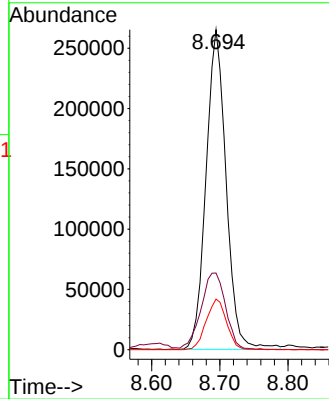
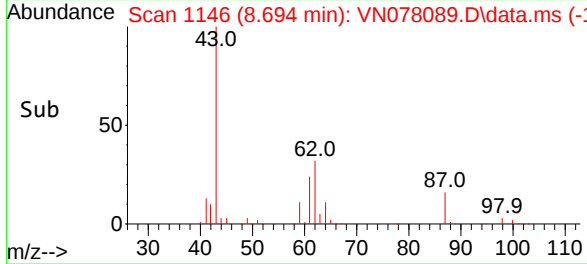
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



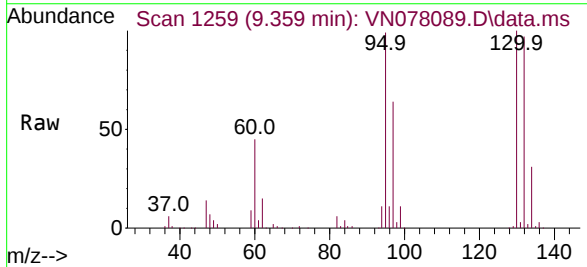
Tgt Ion: 43 Resp: 544870
Ion Ratio Lower Upper
43 100
61 29.5 24.7 37.1
87 16.0 14.6 21.8

Manual Integrations
APPROVED

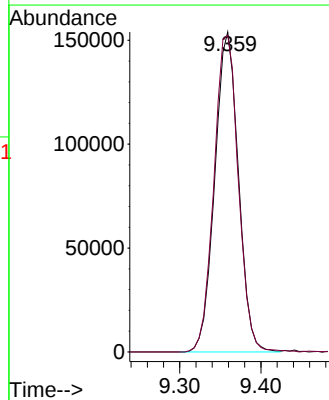
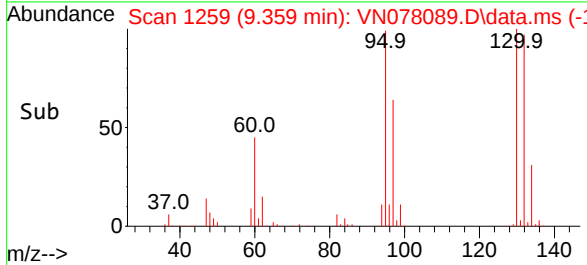
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

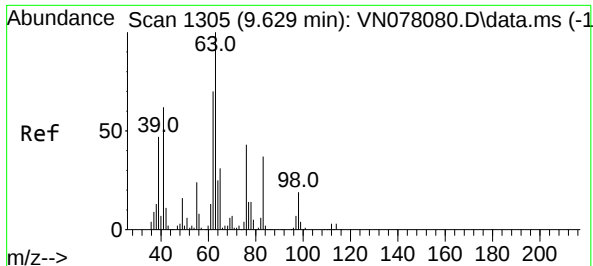


#44
Trichloroethene
Concen: 46.798 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



Tgt Ion:130 Resp: 311640
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 47.985 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 30104

Ion Ratio Lower Upper

63 100

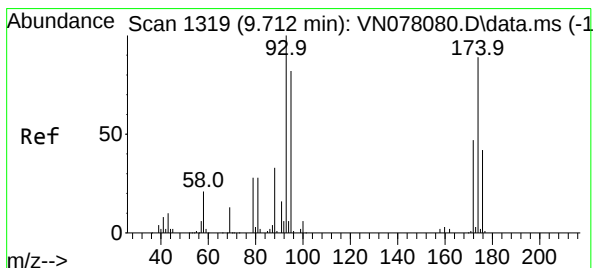
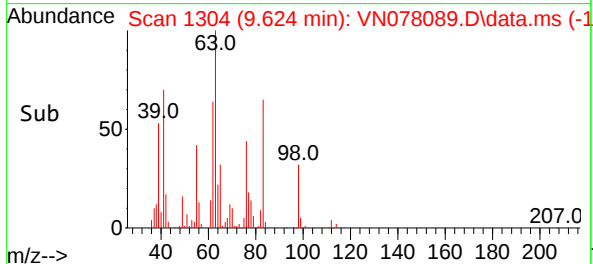
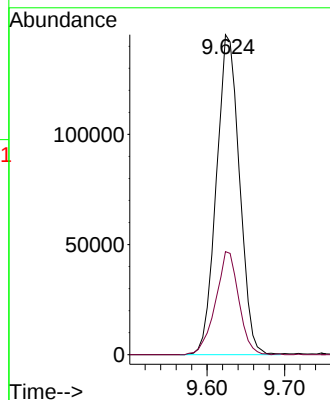
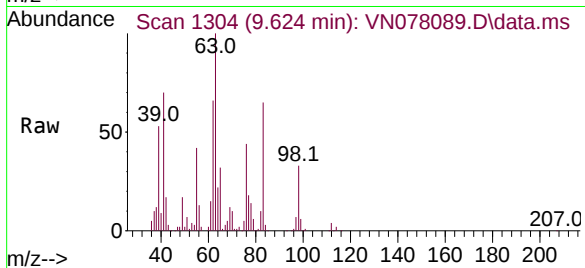
65 32.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/08/2023



#46

Dibromomethane

Concen: 47.308 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

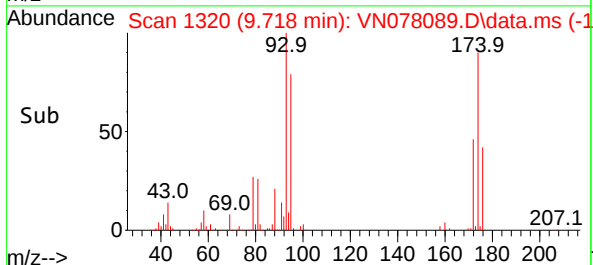
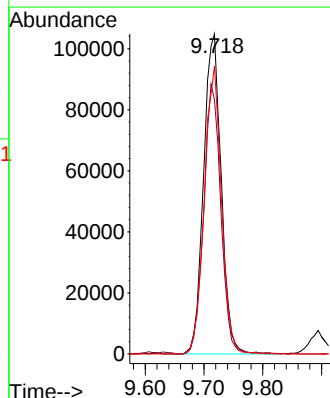
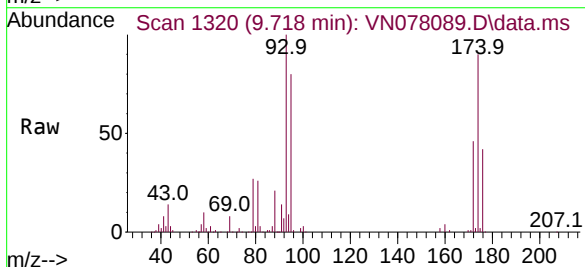
Tgt Ion: 93 Resp: 218616

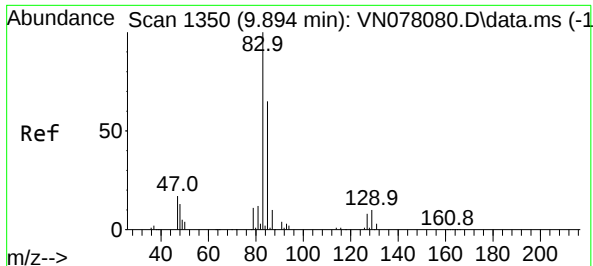
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

174 87.4 65.6 98.4





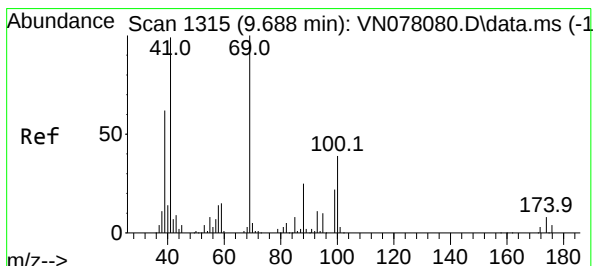
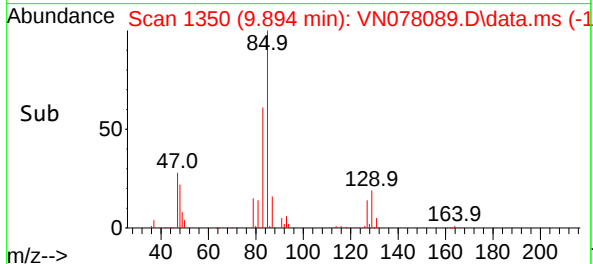
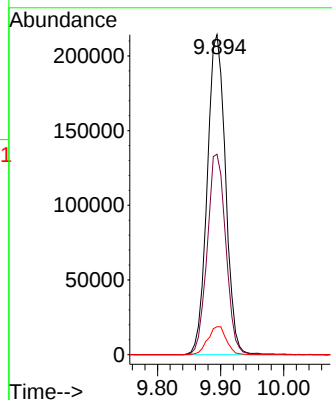
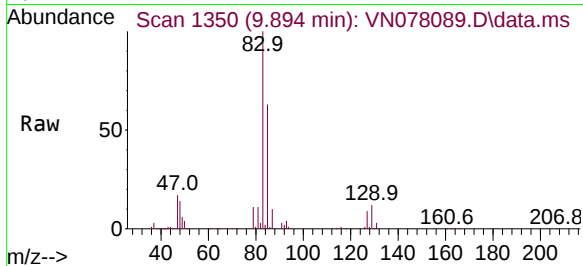
#47
Bromodichloromethane
Concen: 50.097 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 430023
Ion Ratio Lower Upper
83 100
85 62.7 49.6 74.4
127 8.7 7.0 10.6

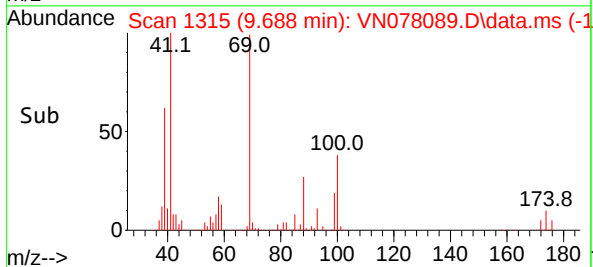
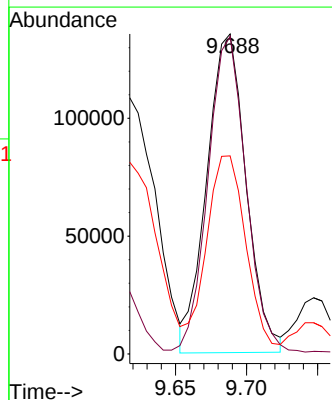
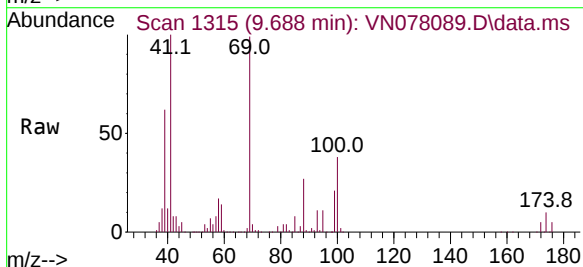
Manual Integrations
APPROVED

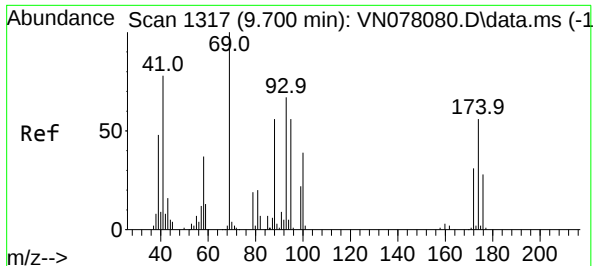
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#48
Methyl methacrylate
Concen: 49.156 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Tgt Ion: 41 Resp: 260316
Ion Ratio Lower Upper
41 100
69 97.9 90.4 135.6
39 63.5 54.6 81.8





#49

1,4-Dioxane

Concen: 959.398 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078089.D

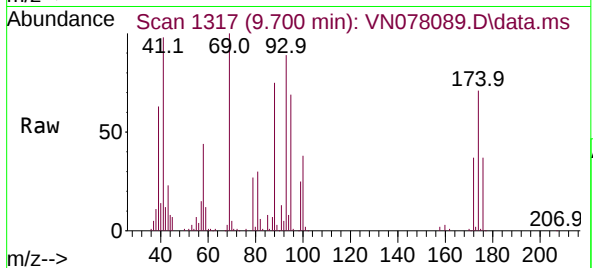
Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

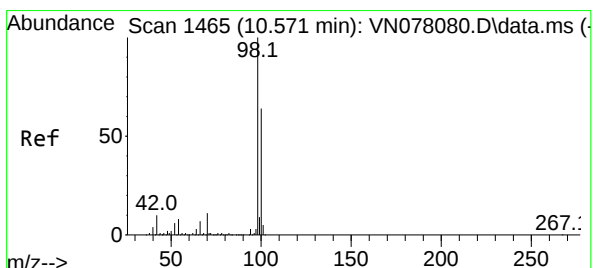
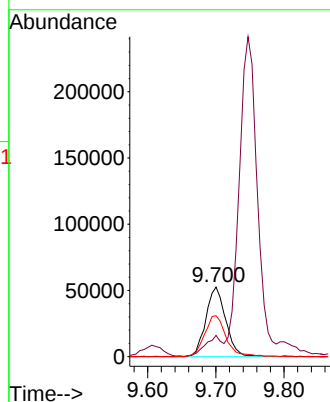
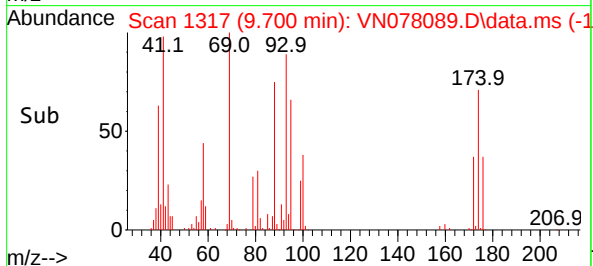


Tgt Ion:	88	Resp:	106784
Ion Ratio	Lower	Upper	
88	100		
43	25.4	17.0	25.6
58	63.8	47.0	70.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/08/2023



#50

Toluene-d8

Concen: 49.993 ug/l

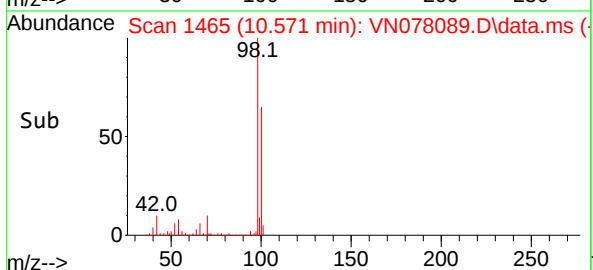
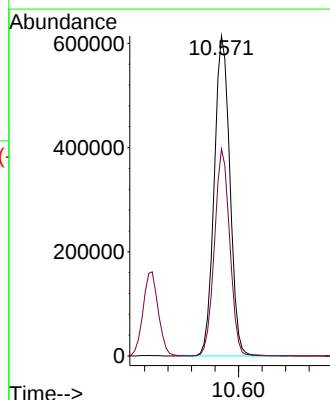
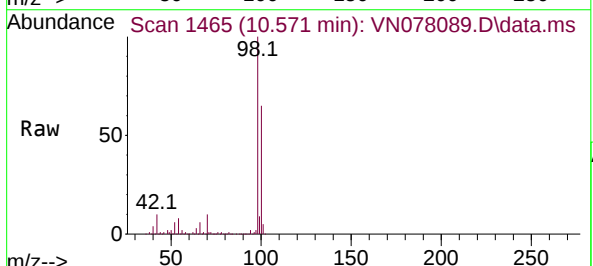
RT: 10.571 min Scan# 1465

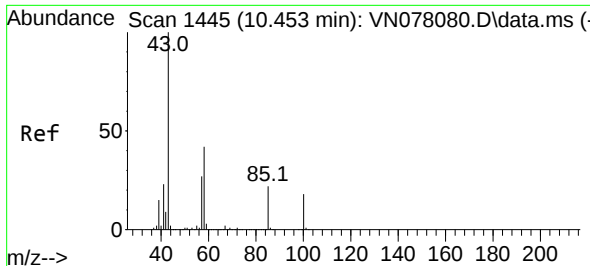
Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Tgt Ion:	98	Resp:	1134884
Ion Ratio	Lower	Upper	
98	100		
100	63.2	52.0	78.0





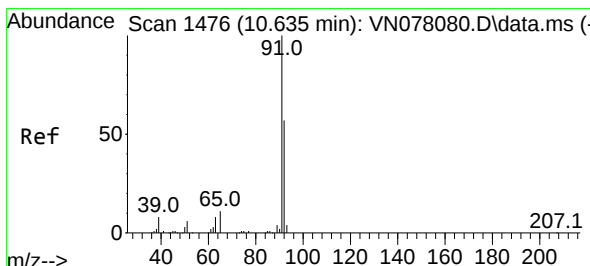
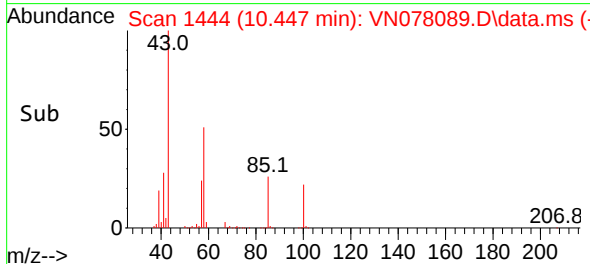
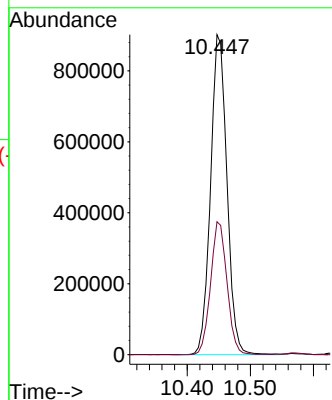
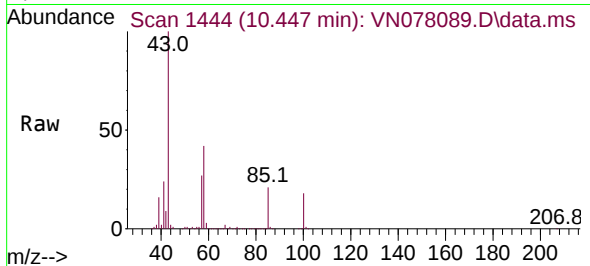
#51
4-Methyl-2-Pentanone
Concen: 244.335 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 162362
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

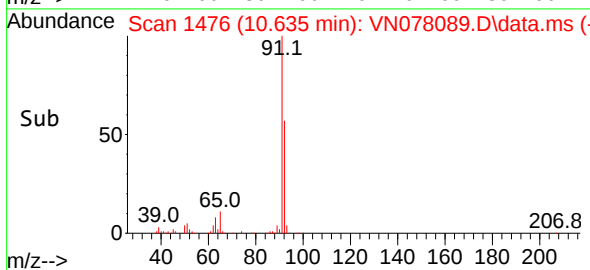
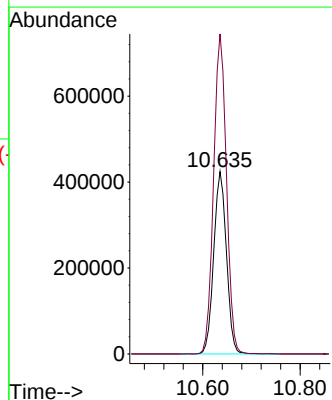
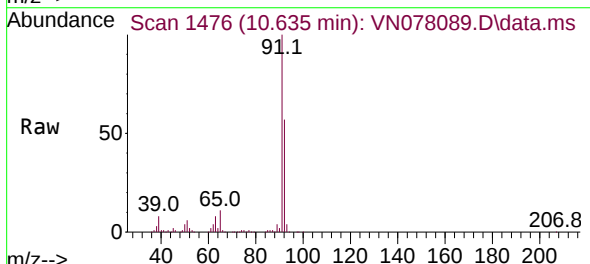
Manual Integrations
APPROVED

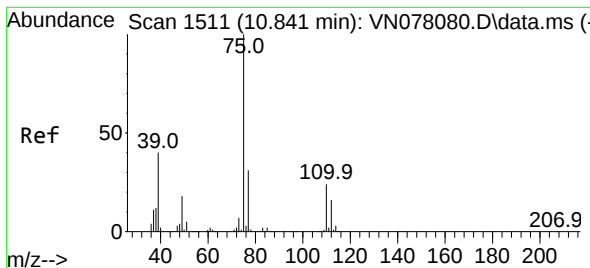
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#52
Toluene
Concen: 48.193 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Tgt Ion: 92 Resp: 767276
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0





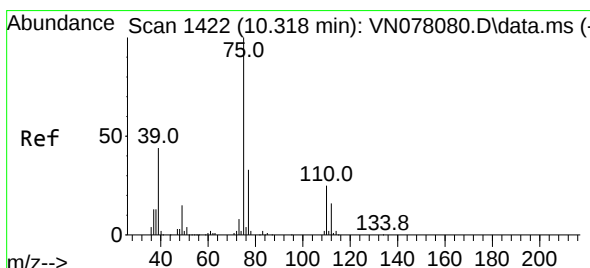
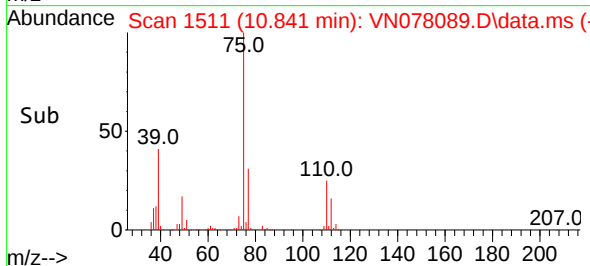
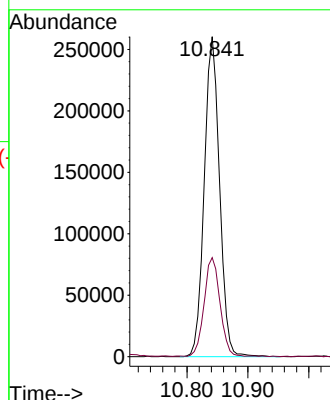
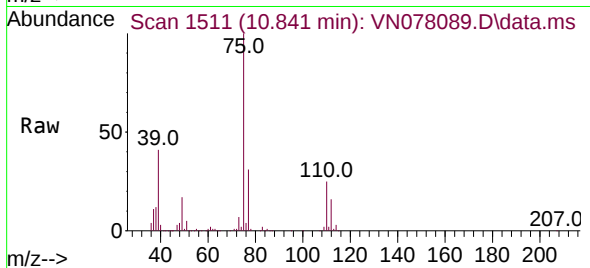
#53
t-1,3-Dichloropropene
Concen: 50.758 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 45375
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

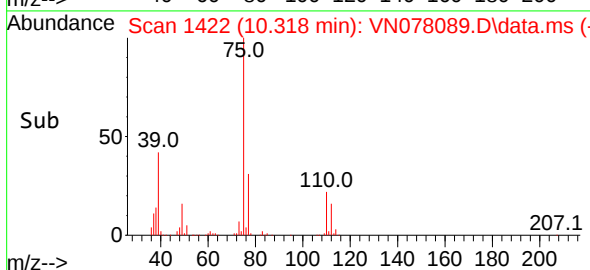
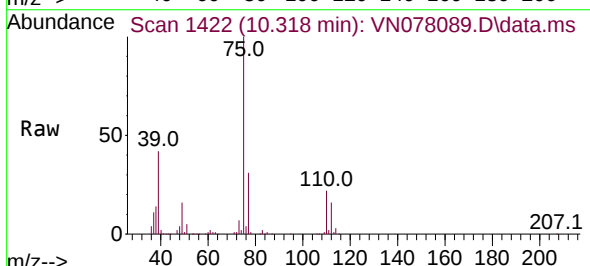
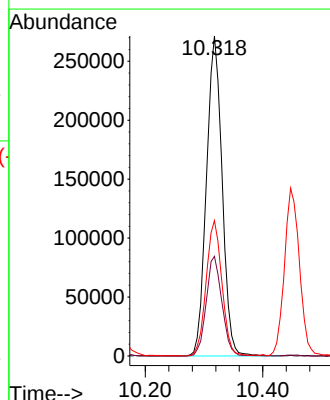
Manual Integrations
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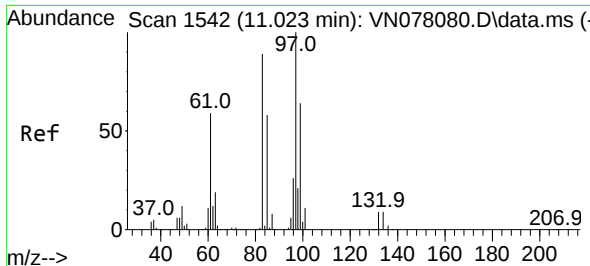
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#54
cis-1,3-Dichloropropene
Concen: 50.877 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

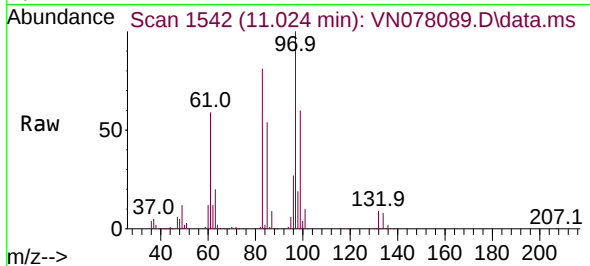
Tgt Ion: 75 Resp: 502764
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 42.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 48.708 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

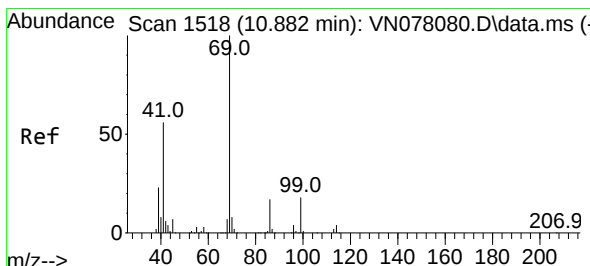
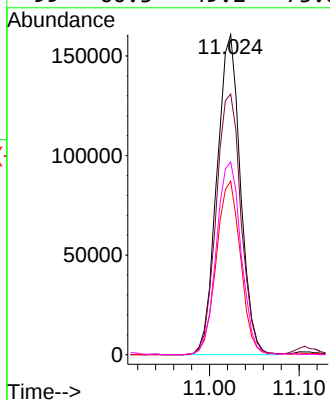
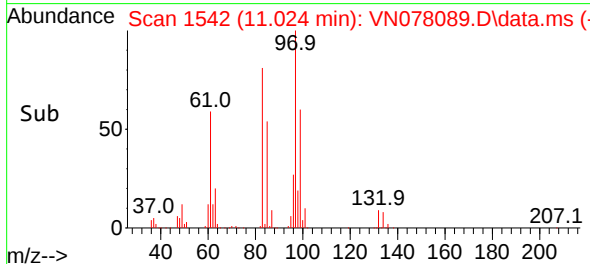
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



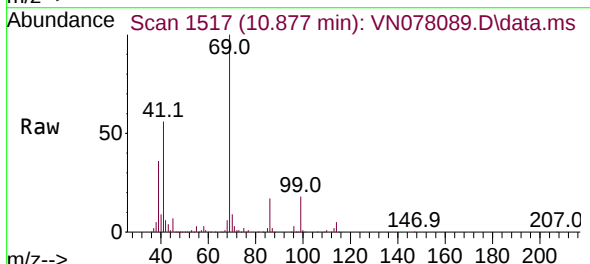
Tgt Ion: 97 Resp: 293350
Ion Ratio Lower Upper
97 100
83 81.4 65.1 97.7
85 54.2 43.4 65.2
99 60.3 49.2 73.8

Manual Integrations
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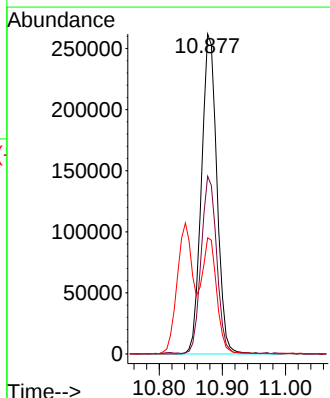
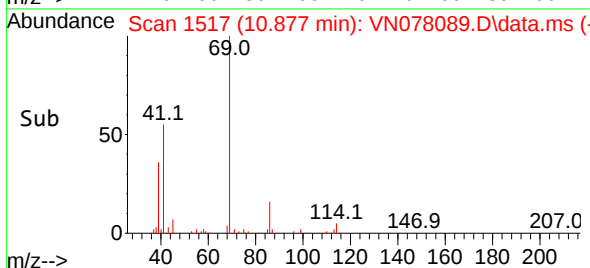
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

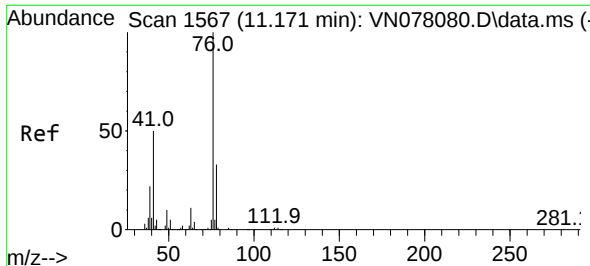


#56
Ethyl methacrylate
Concen: 50.810 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



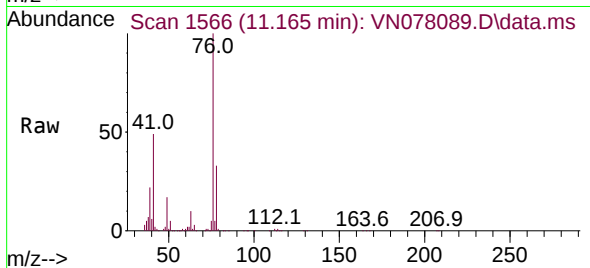
Tgt Ion: 69 Resp: 445577
Ion Ratio Lower Upper
69 100
41 55.8 39.6 59.4
39 35.1 28.6 43.0





#57
1,3-Dichloropropane
Concen: 48.825 ug/l
RT: 11.165 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

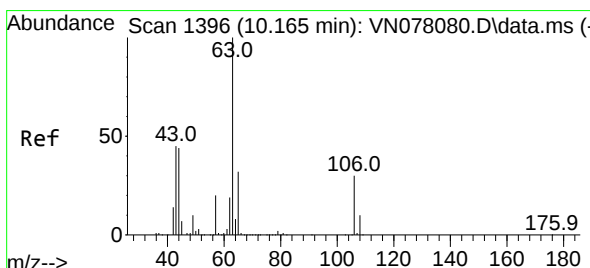
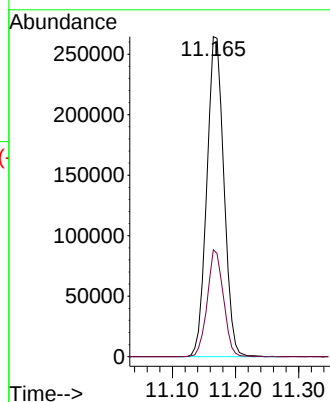
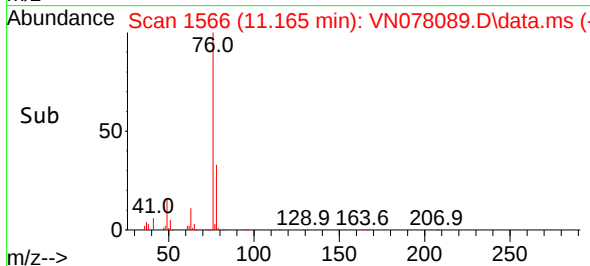
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 496358
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

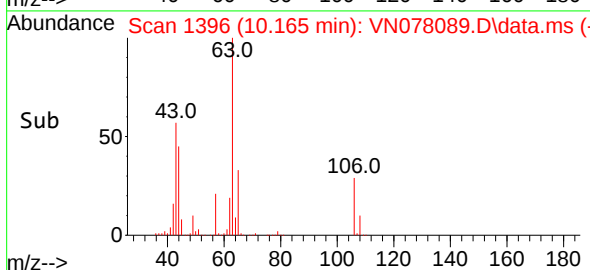
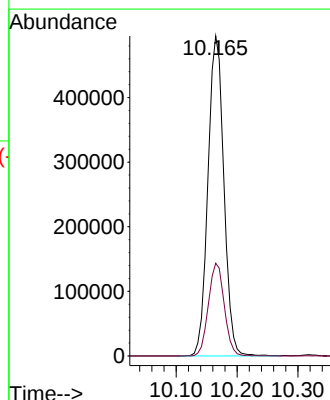
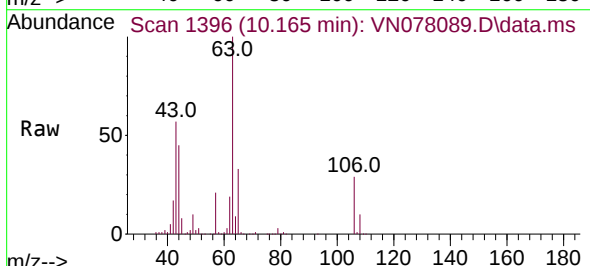
Manual Integrations
APPROVED

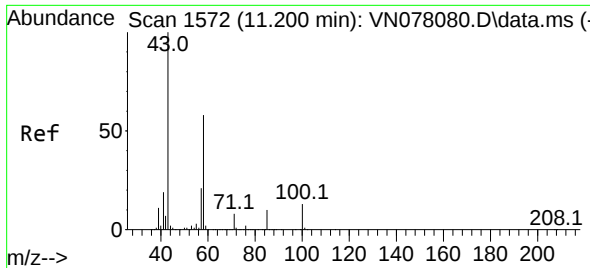
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 253.772 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Tgt Ion: 63 Resp: 899012
Ion Ratio Lower Upper
63 100
106 29.0 26.2 39.4





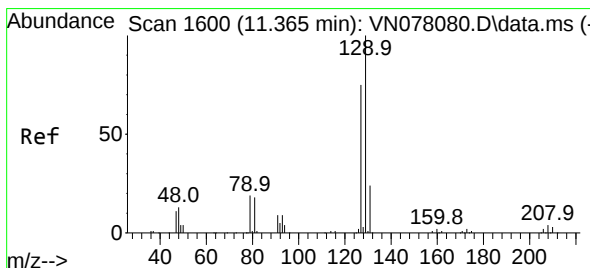
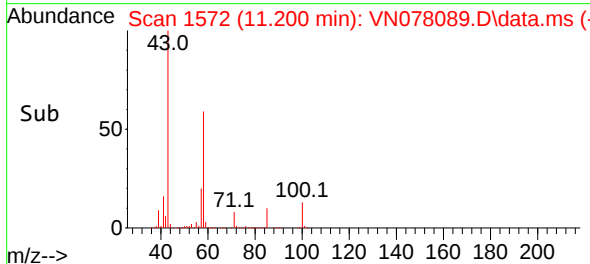
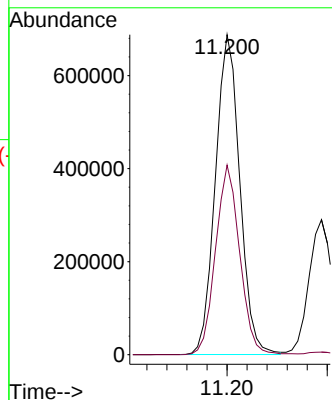
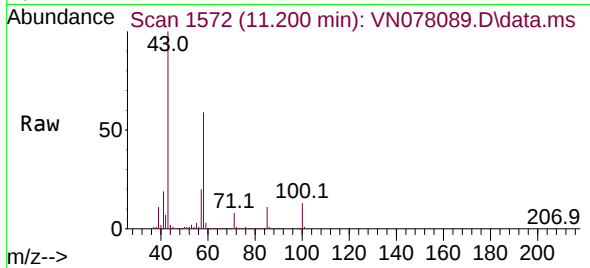
#59
2-Hexanone
Concen: 251.547 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 116388
Ion Ratio Lower Upper
43 100
58 58.6 31.7 95.1

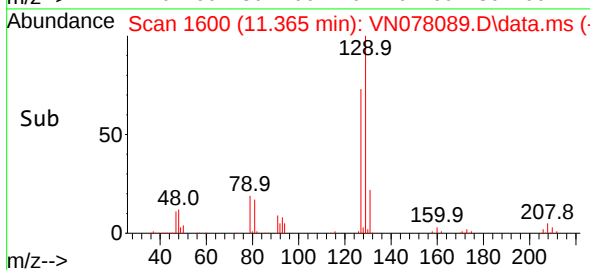
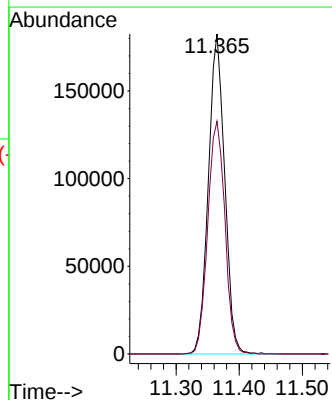
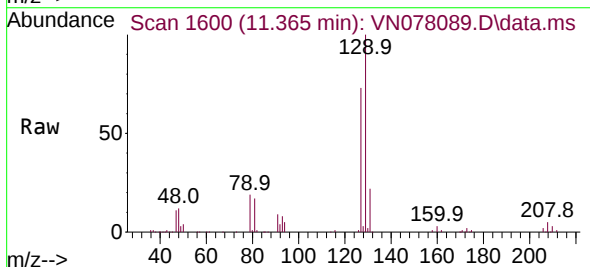
Manual Integrations
APPROVED

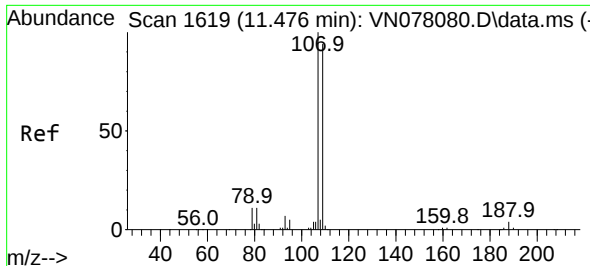
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#60
Dibromochloromethane
Concen: 49.647 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

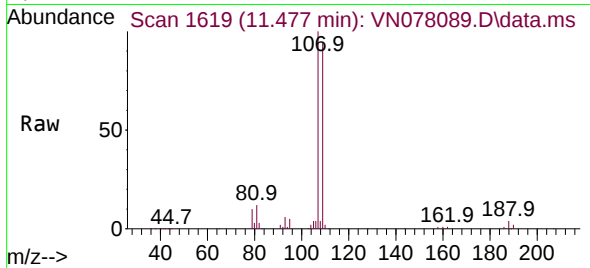
Tgt Ion:129 Resp: 327189
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.109 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

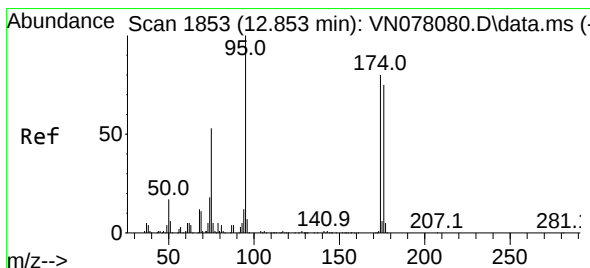
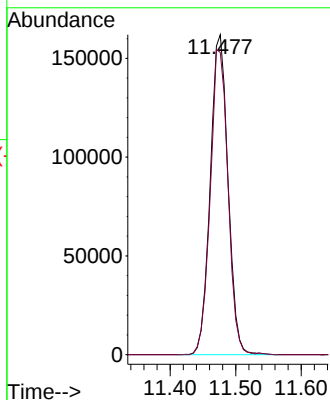
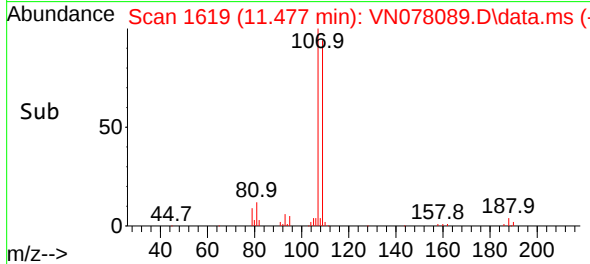
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



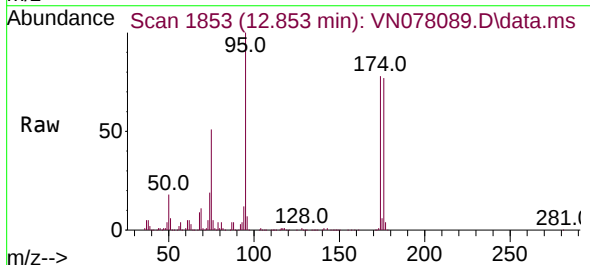
Tgt Ion:107 Resp: 304060
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8

Manual Integrations
APPROVED

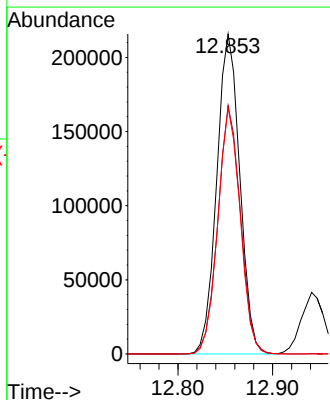
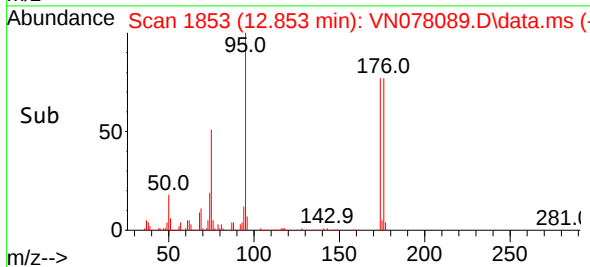
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

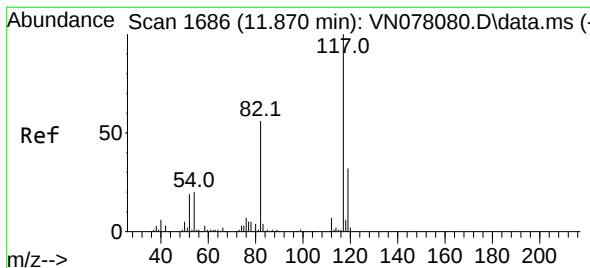


#62
4-Bromofluorobenzene
Concen: 51.687 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



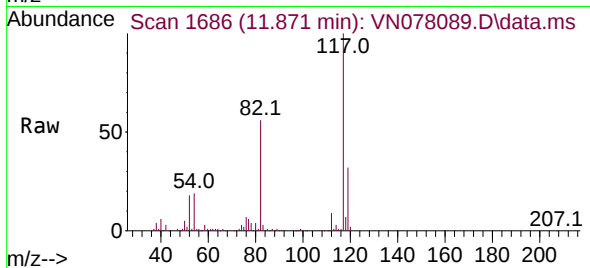
Tgt Ion: 95 Resp: 364766
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 74.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

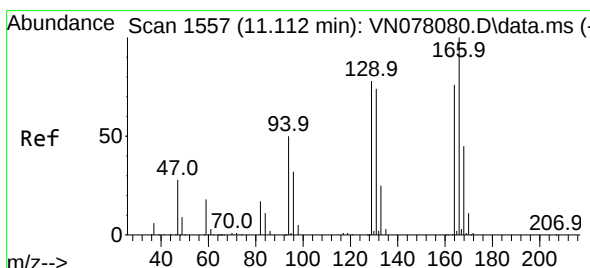
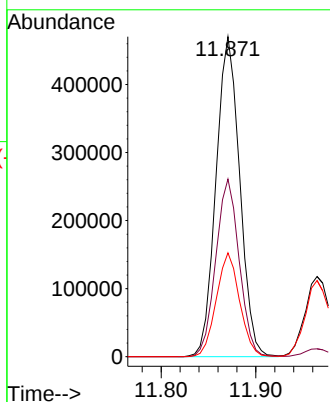
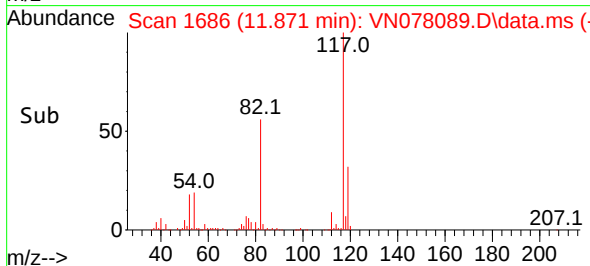
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 820435
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.4 25.6 38.4

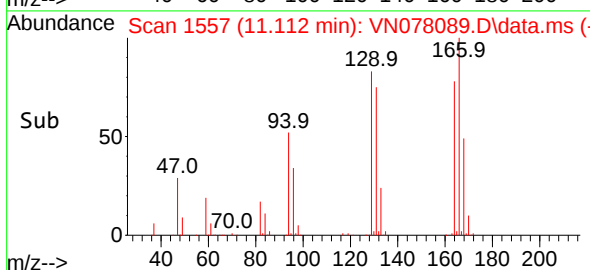
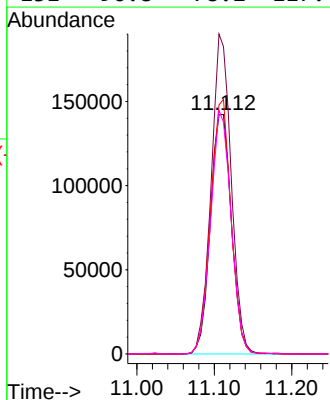
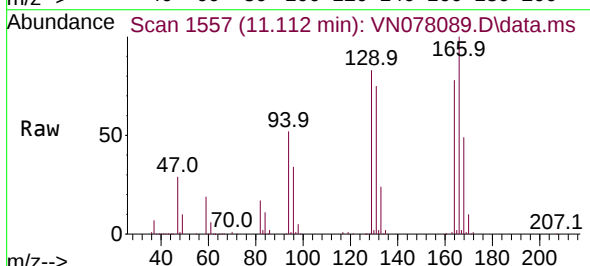
Manual Integrations
APPROVED

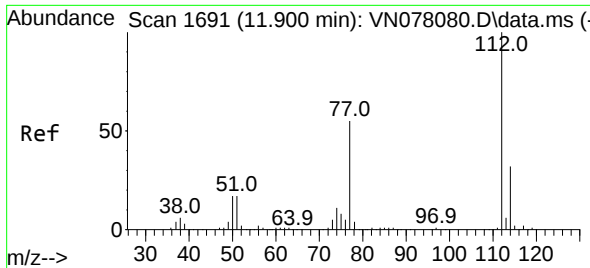
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#64
Tetrachloroethene
Concen: 49.123 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

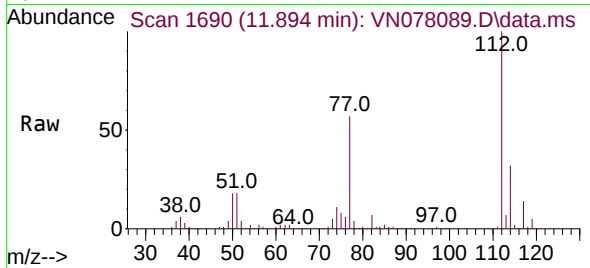
Tgt Ion:164 Resp: 268868
Ion Ratio Lower Upper
164 100
166 128.4 101.4 152.0
129 106.4 82.4 123.6
131 96.8 78.2 117.4





#65
Chlorobenzene
Concen: 47.104 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

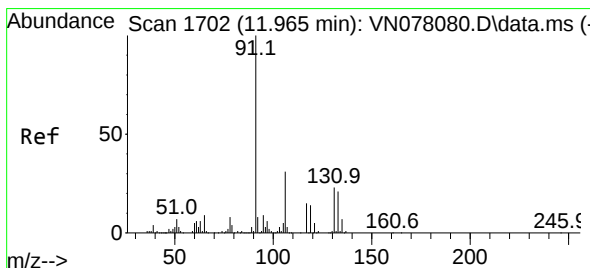
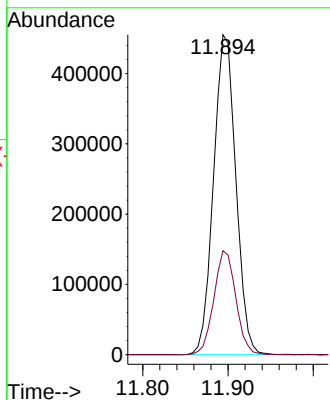
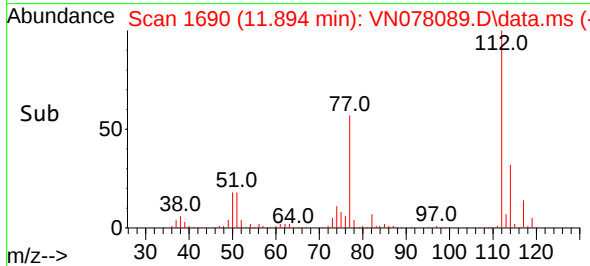
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 82762
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

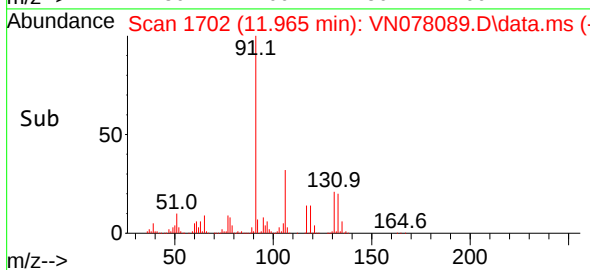
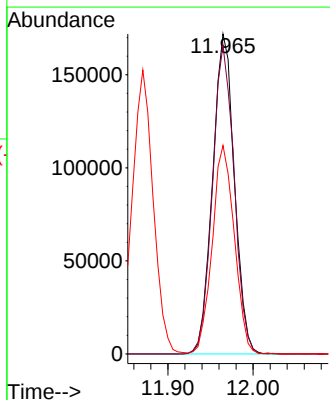
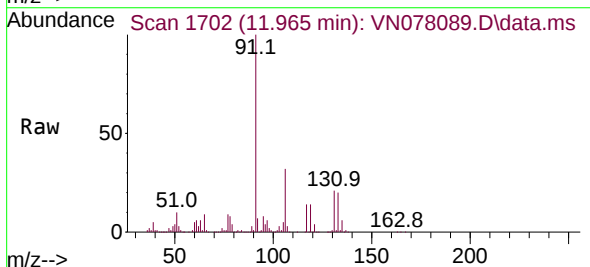
Manual Integrations
APPROVED

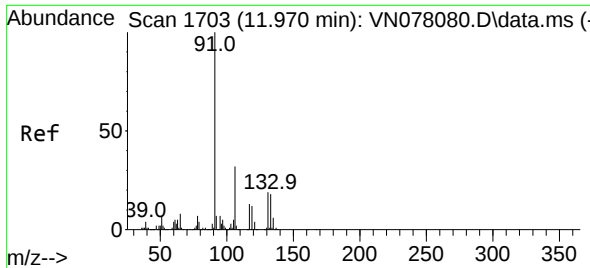
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.252 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Tgt Ion:131 Resp: 305356
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 66.0 34.1 102.2





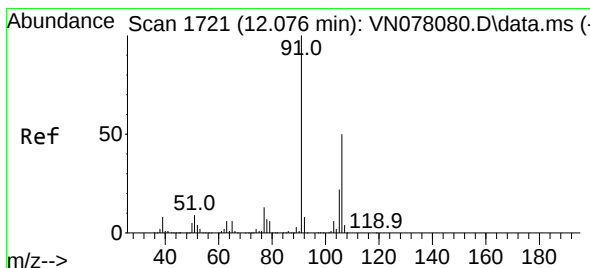
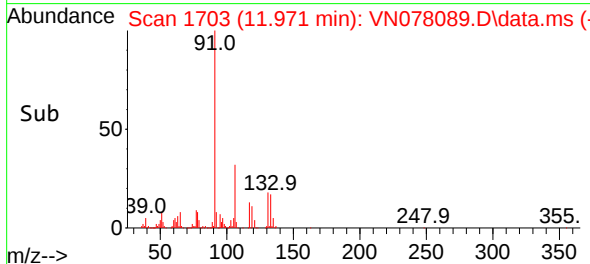
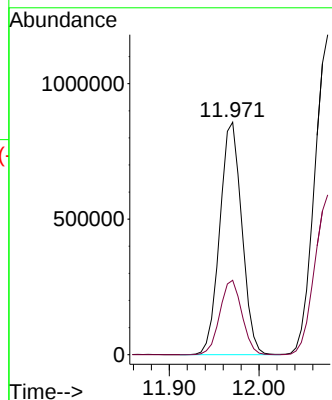
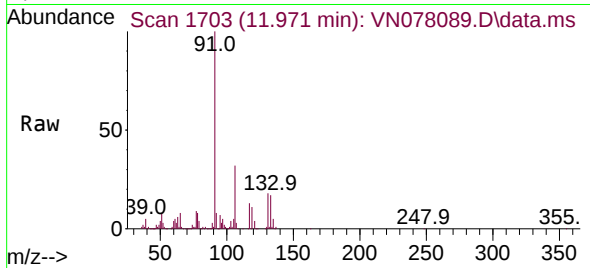
#67
Ethyl Benzene
Concen: 48.269 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1463360
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

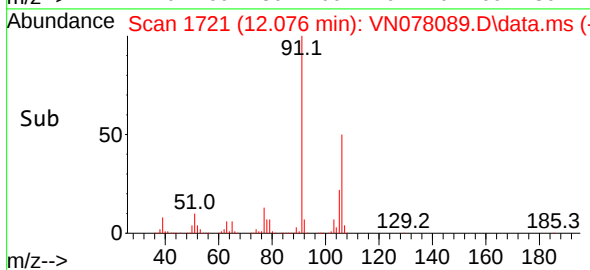
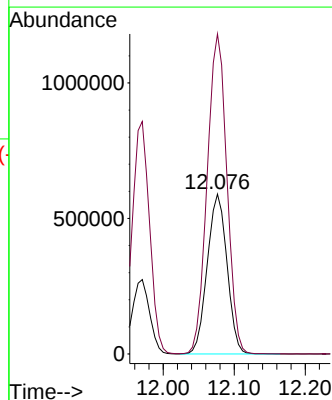
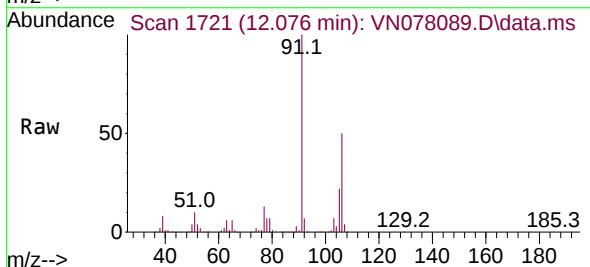
Manual Integrations
APPROVED

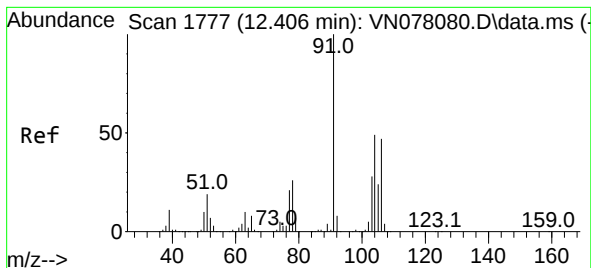
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#68
m/p-Xylenes
Concen: 98.677 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

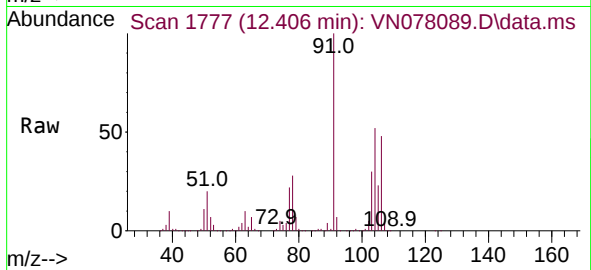
Tgt Ion:106 Resp: 1140100
Ion Ratio Lower Upper
106 100
91 199.5 159.6 239.4





#69
o-Xylene
Concen: 49.378 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

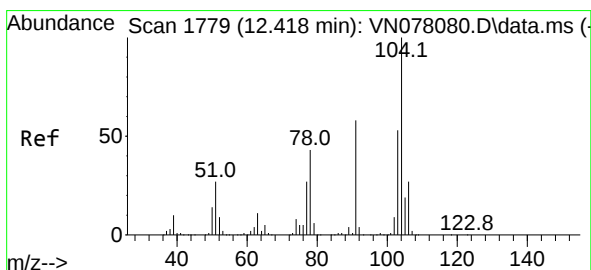
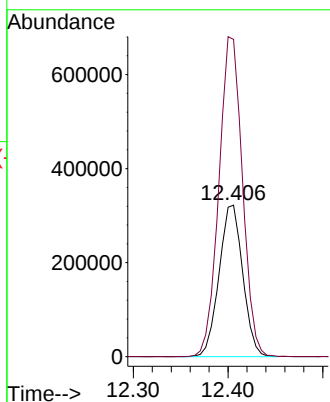
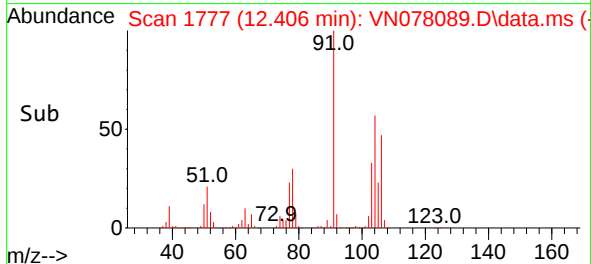
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 560240
Ion Ratio Lower Upper
106 100
91 210.0 105.2 315.5

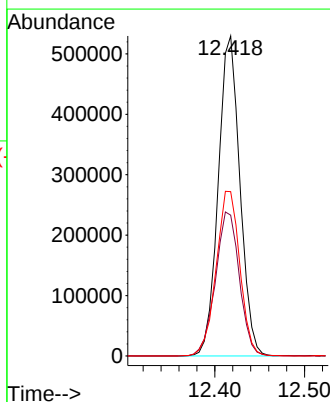
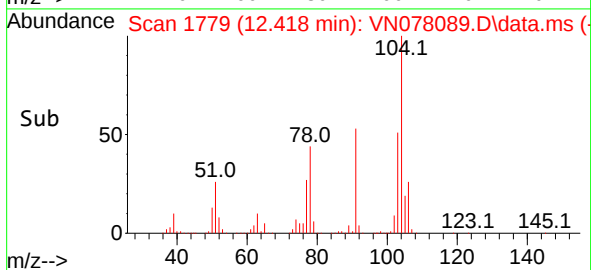
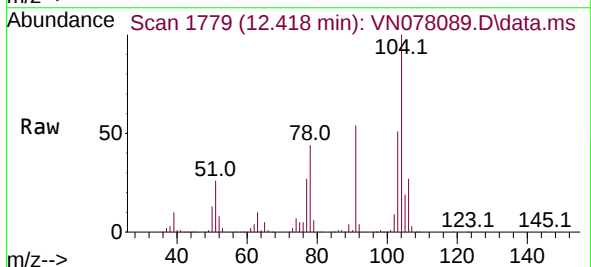
Manual Integrations
APPROVED

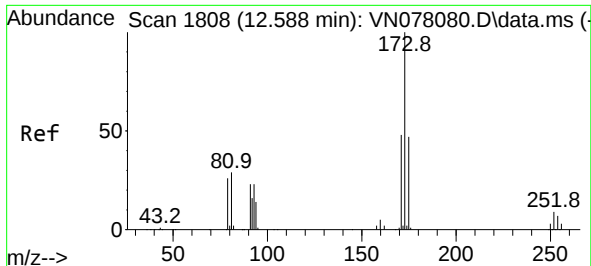
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#70
Styrene
Concen: 49.788 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

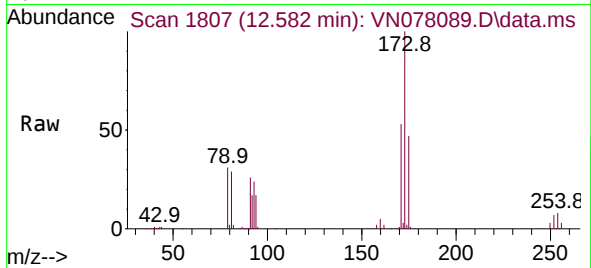
Tgt Ion:104 Resp: 889321
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.2 43.2 64.8





#71
Bromoform
Concen: 50.470 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

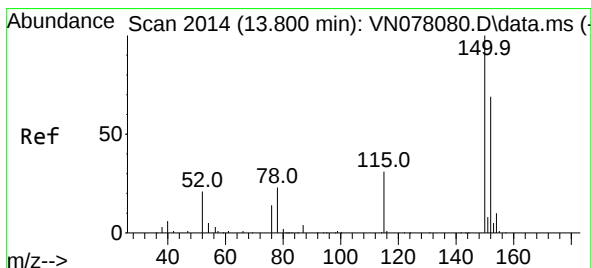
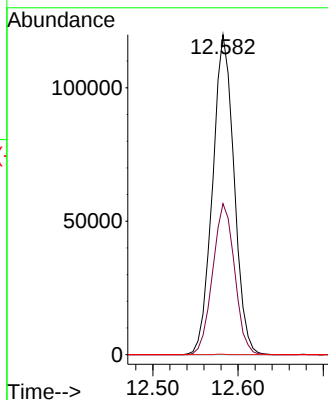
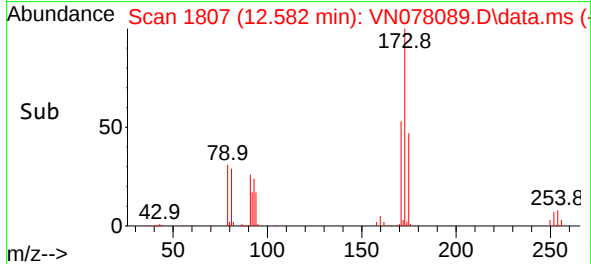
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



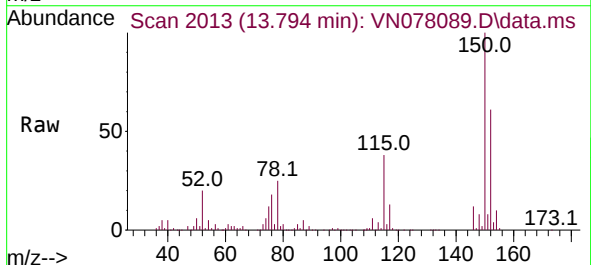
Tgt Ion:173 Resp: 21048
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

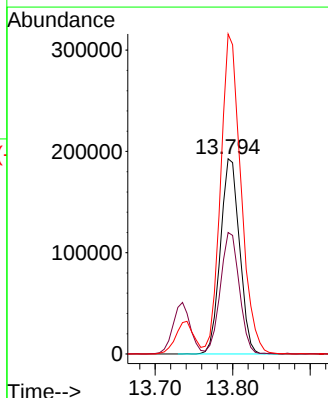
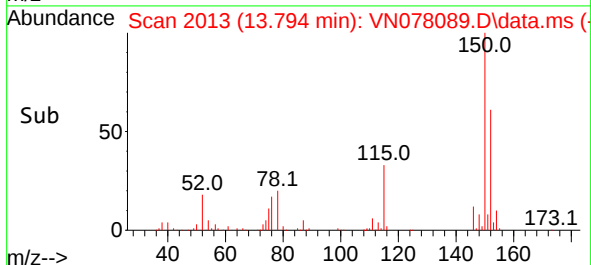
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

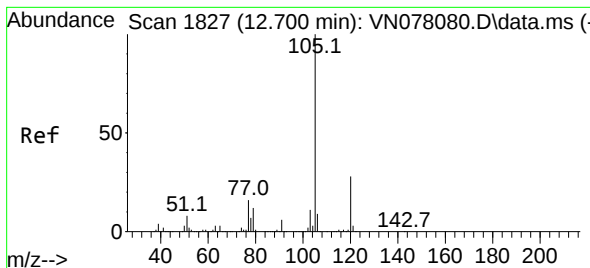


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



Tgt Ion:152 Resp: 329541
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 175.3 0.0 355.8





#73

Isopropylbenzene

Concen: 44.158 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1376069

Ion Ratio Lower Upper

105 100

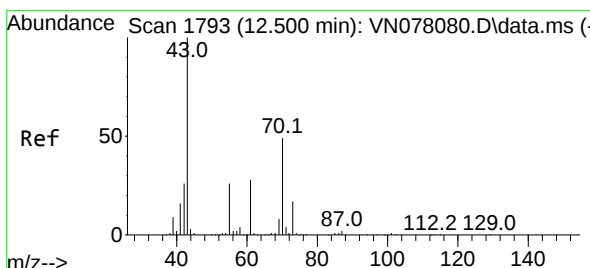
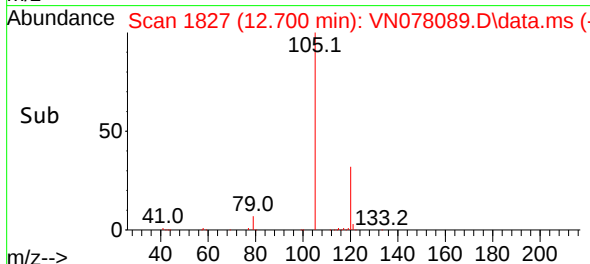
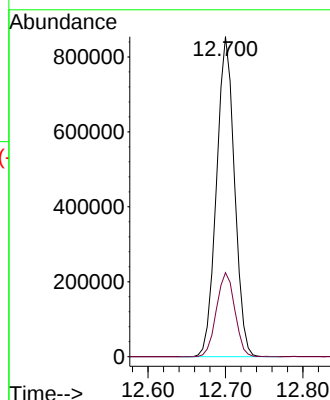
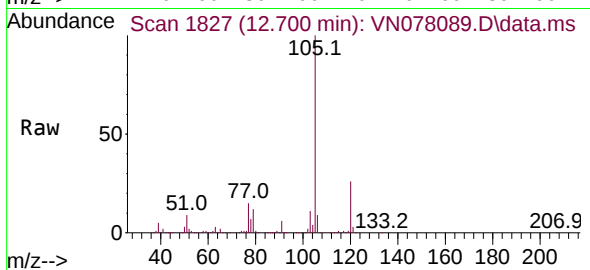
120 26.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/08/2023



#74

N-ethyl acetate

Concen: 43.714 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Tgt Ion: 43 Resp: 448591

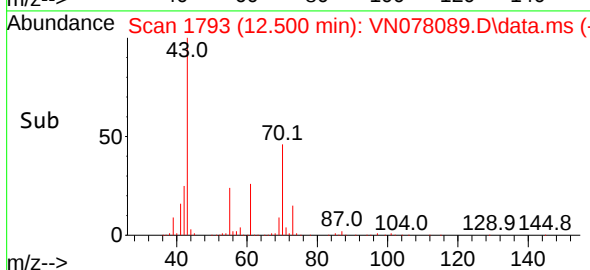
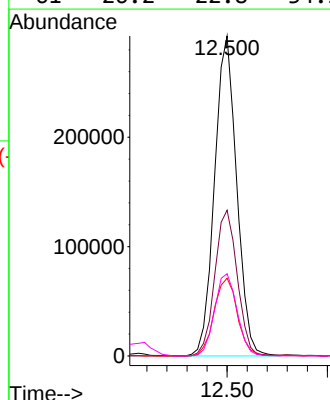
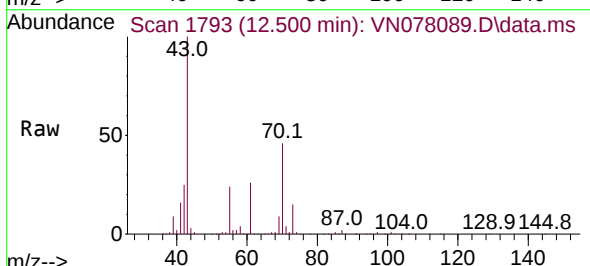
Ion Ratio Lower Upper

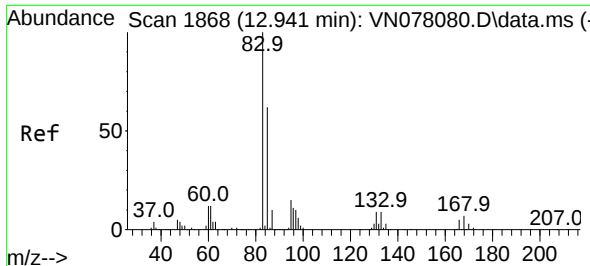
43 100

70 46.3 43.4 65.2

55 25.7 21.4 32.0

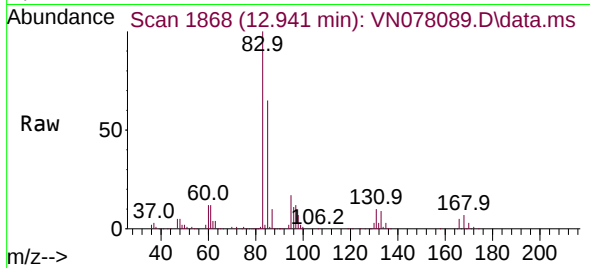
61 26.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.912 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

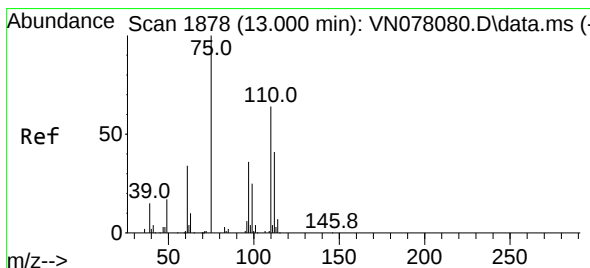
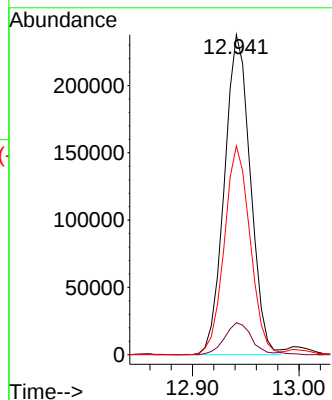
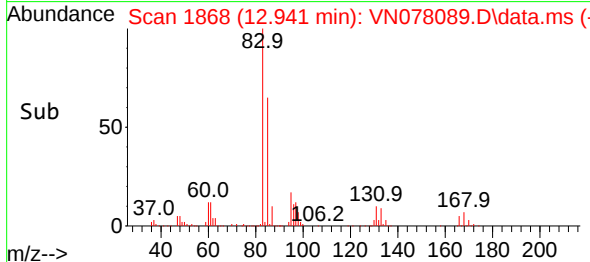
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



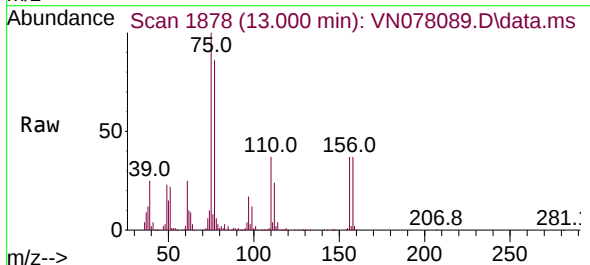
Tgt Ion: 83 Resp: 403378
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.8 31.9 95.7

Manual Integrations
APPROVED

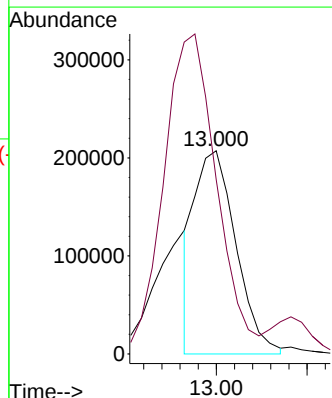
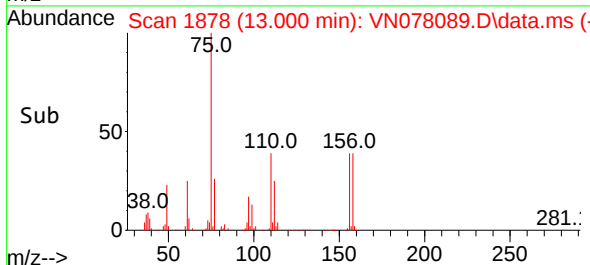
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

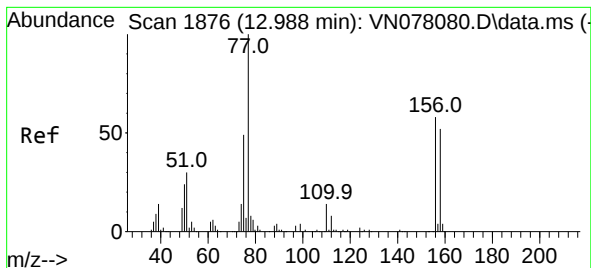


#76
1,2,3-Trichloropropane
Concen: 41.953 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



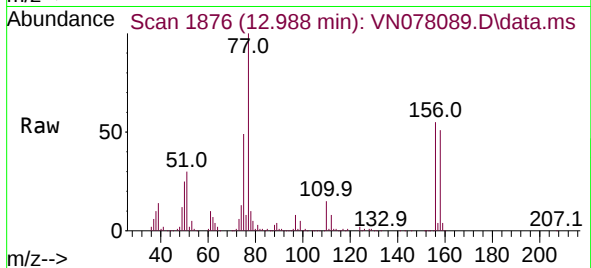
Tgt Ion: 75 Resp: 326836
Ion Ratio Lower Upper
75 100
77 202.1 84.5 253.5





#77
Bromobenzene
Concen: 44.232 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

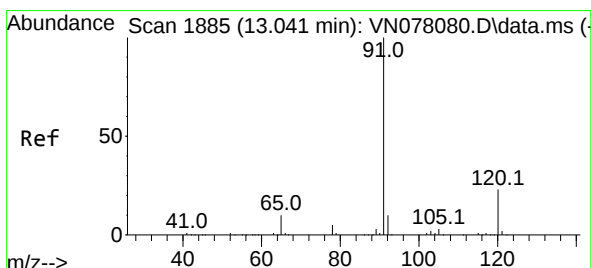
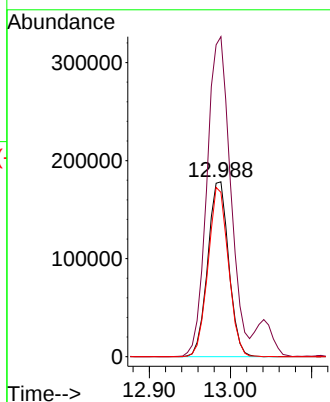
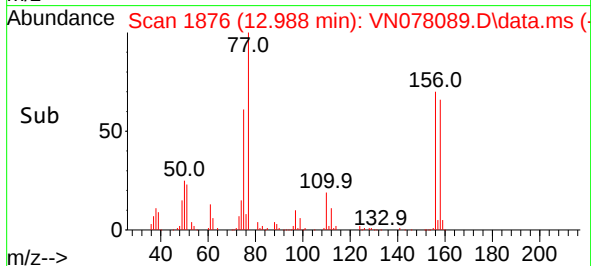
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



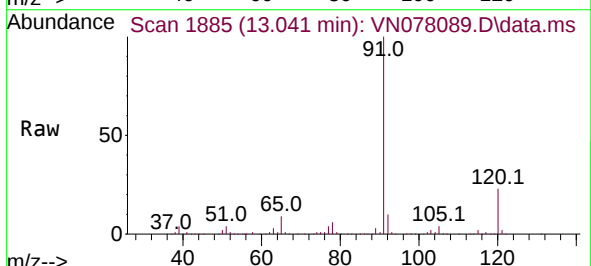
Tgt Ion:156 Resp: 319972
Ion Ratio Lower Upper
156 100
77 206.5 107.7 323.3
158 93.9 48.4 145.3

Manual Integrations
APPROVED

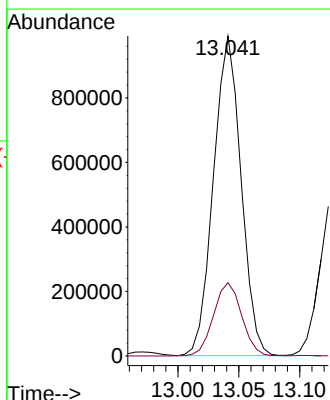
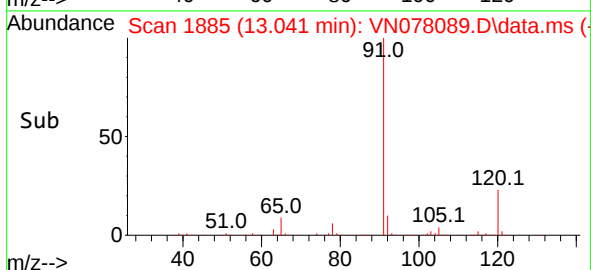
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

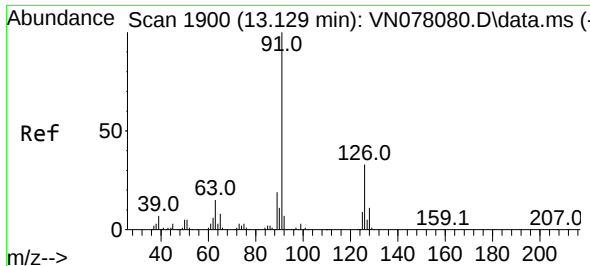


#78
n-propylbenzene
Concen: 46.120 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



Tgt Ion: 91 Resp: 1561497
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





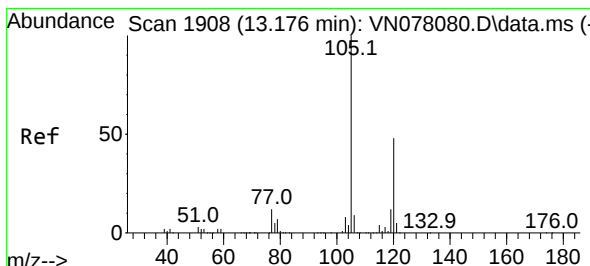
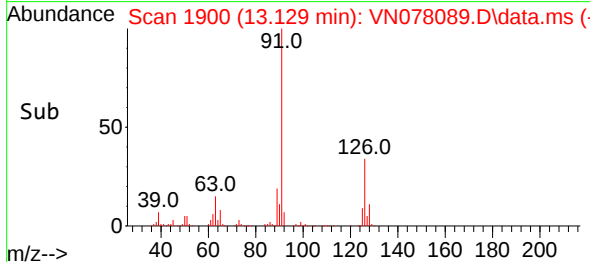
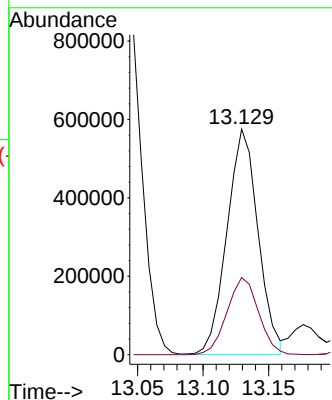
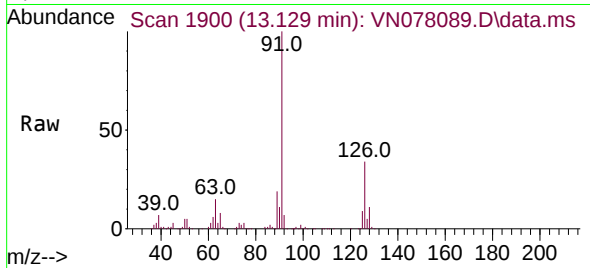
#79
2-Chlorotoluene
Concen: 43.399 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 94846
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

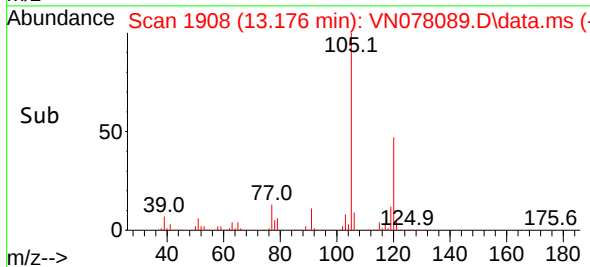
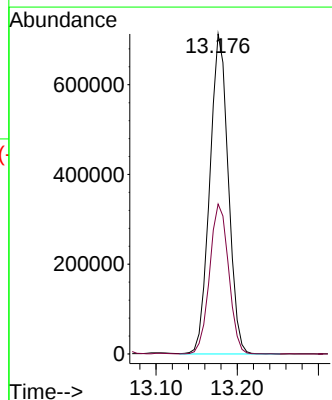
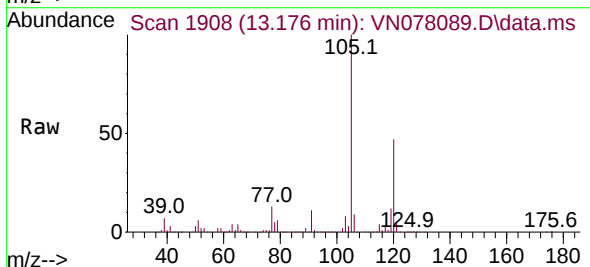
Manual Integrations
APPROVED

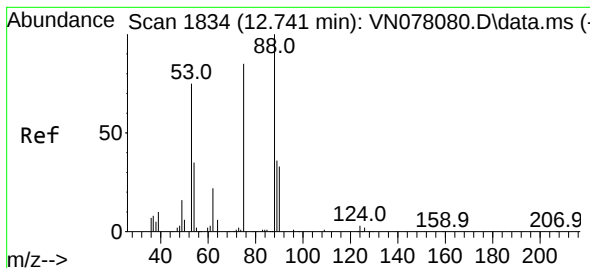
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.724 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

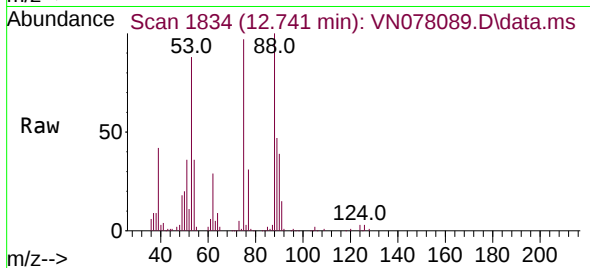
Tgt Ion:105 Resp: 1128372
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.676 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

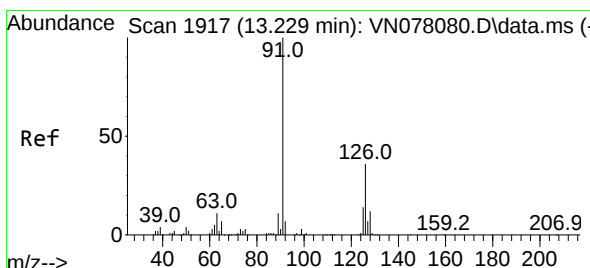
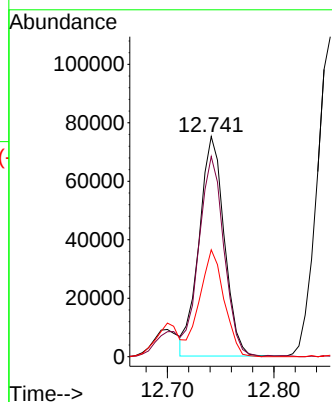
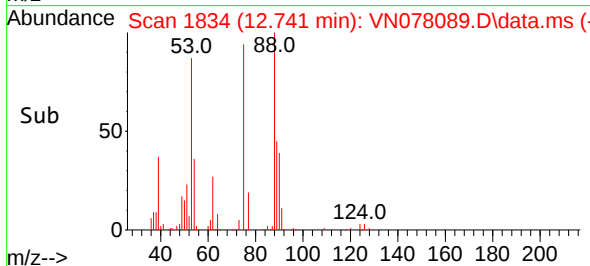
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 12342
Ion Ratio Lower Upper
75 100
53 102.5 67.4 101.2
89 46.5 38.8 58.2

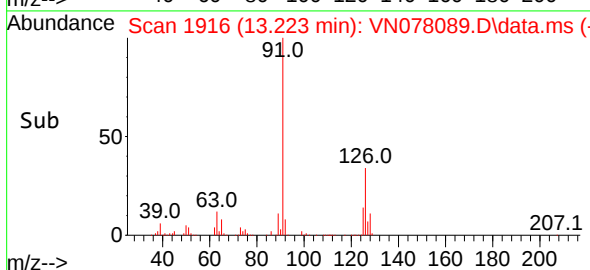
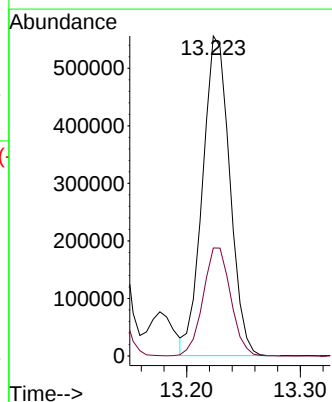
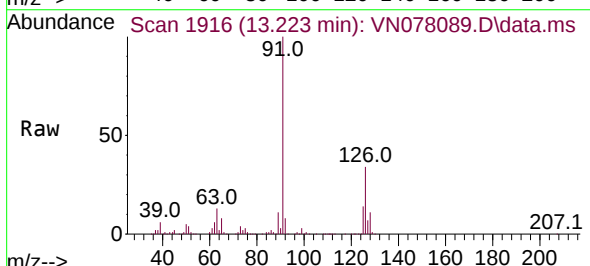
Manual Integrations
APPROVED

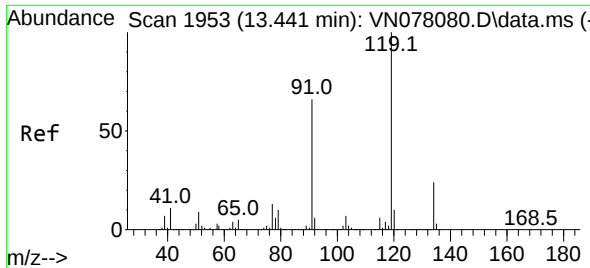
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#82
4-Chlorotoluene
Concen: 45.298 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

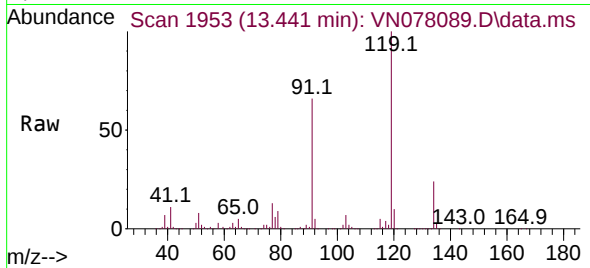
Tgt Ion: 91 Resp: 923943
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.069 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

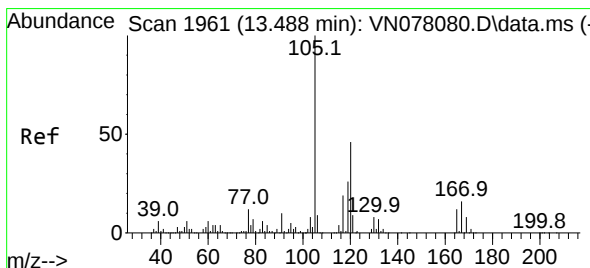
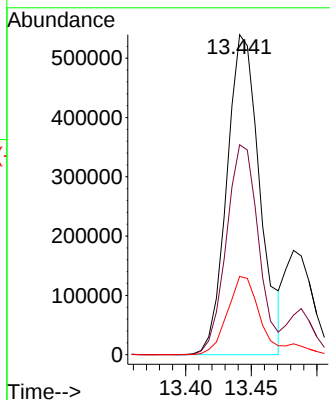
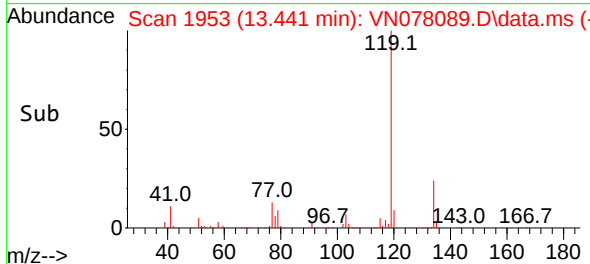
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



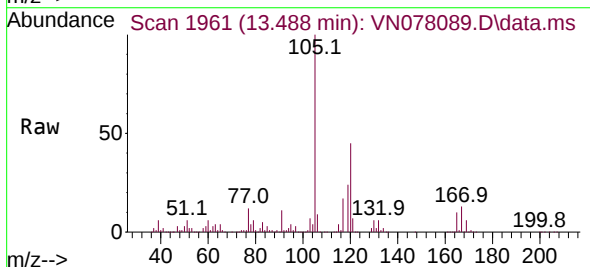
Tgt Ion:119 Resp: 944549
Ion Ratio Lower Upper
119 100
91 64.4 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
APPROVED

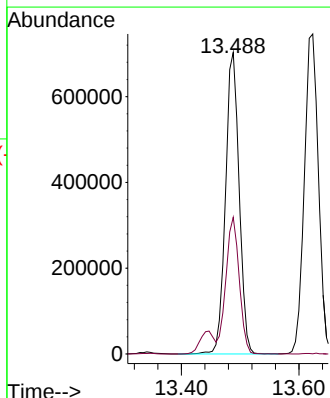
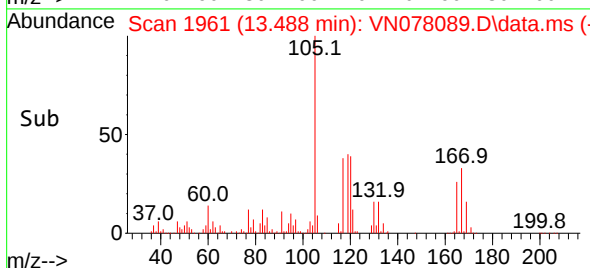
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

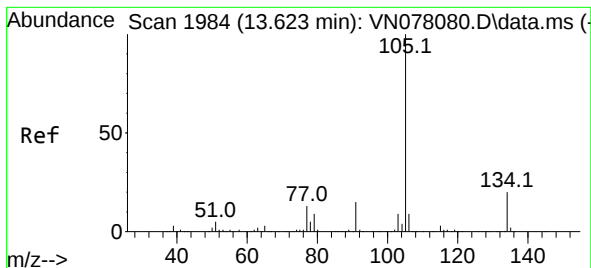


#84
1,2,4-Trimethylbenzene
Concen: 46.267 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



Tgt Ion:105 Resp: 1131728
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 43.300 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 124293

Ion Ratio Lower Upper

105 100

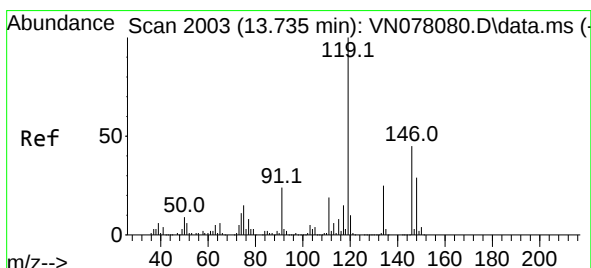
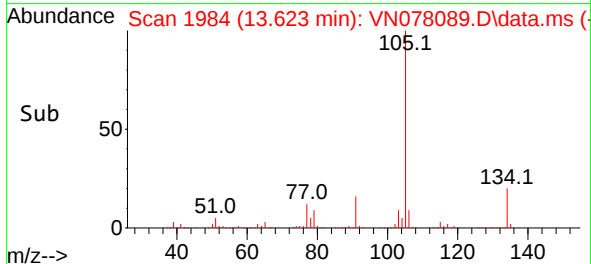
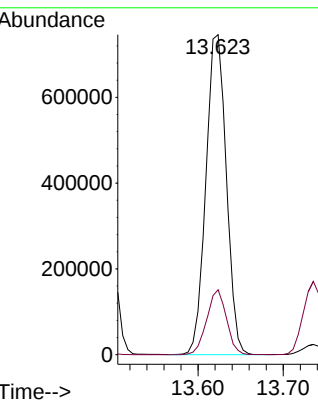
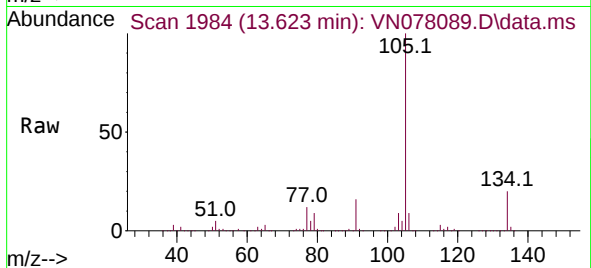
134 19.6 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/08/2023



#86

p-Isopropyltoluene

Concen: 44.076 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078089.D

Acq: 07 Jun 2023 09:10

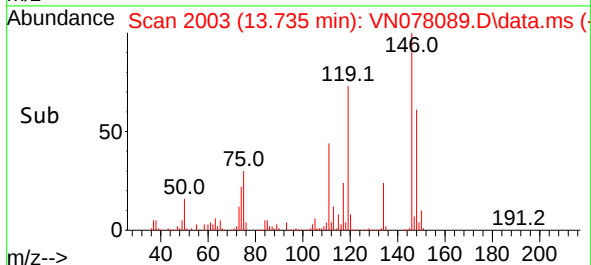
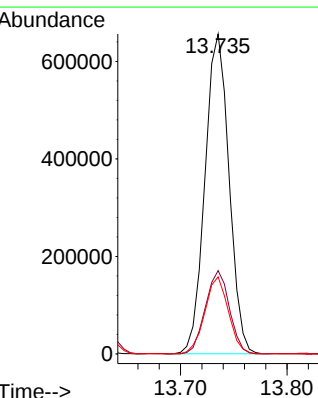
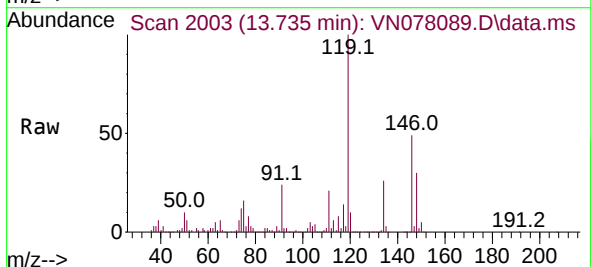
Tgt Ion:119 Resp: 1026713

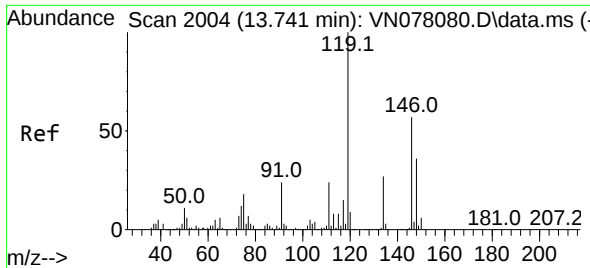
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 23.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 44.802 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :

MSVOA_N

ClientSampleId :

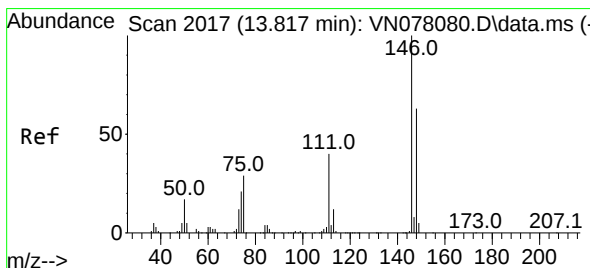
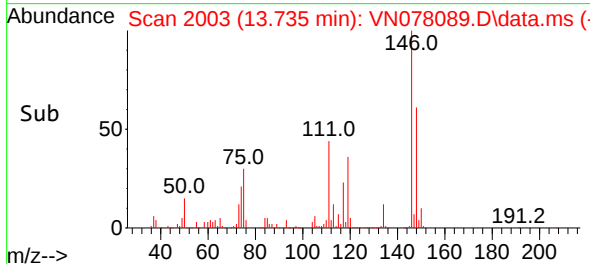
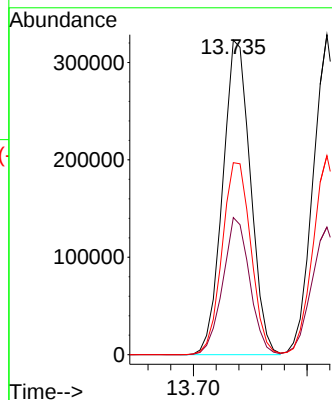
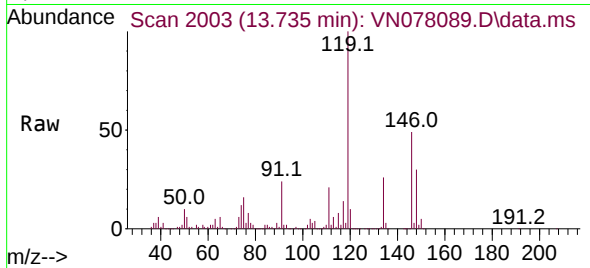
VSTDCCC050

Tgt Ion:146 Resp: 548210
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 63.3 32.0 96.0

Manual Integrations

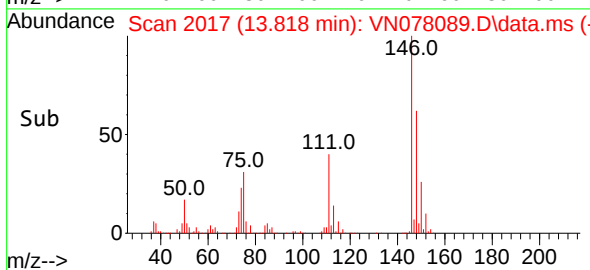
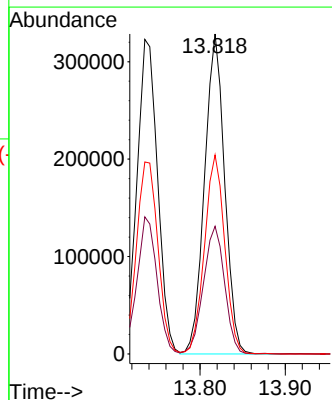
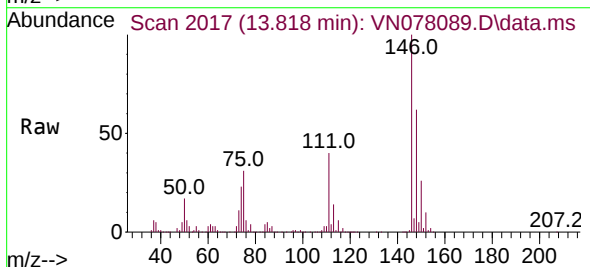
APPROVED

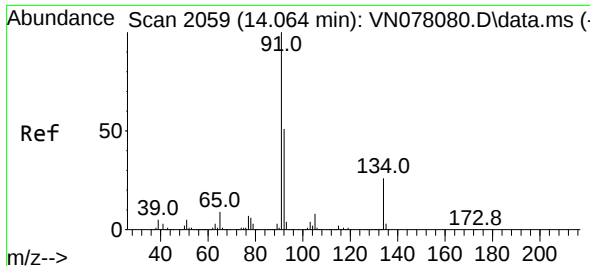
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#88
1,4-Dichlorobenzene
Concen: 45.573 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Tgt Ion:146 Resp: 538100
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 62.6 31.6 94.8





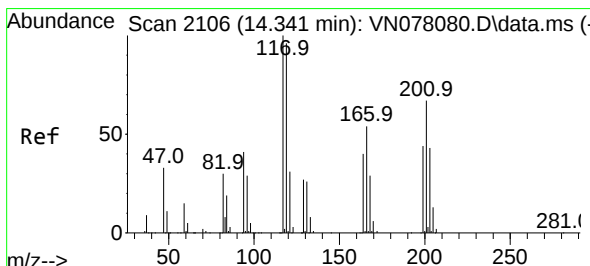
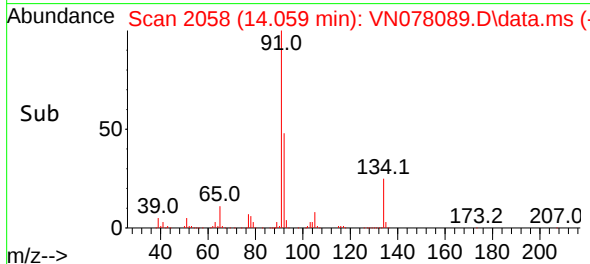
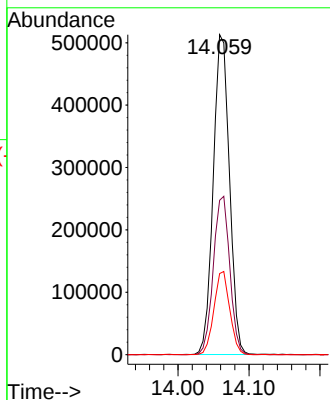
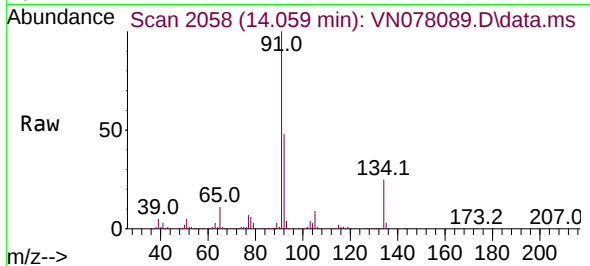
#89
n-Butylbenzene
Concen: 44.163 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 811420
Ion Ratio Lower Upper
91 100
92 50.2 26.4 79.0
134 25.4 12.6 37.6

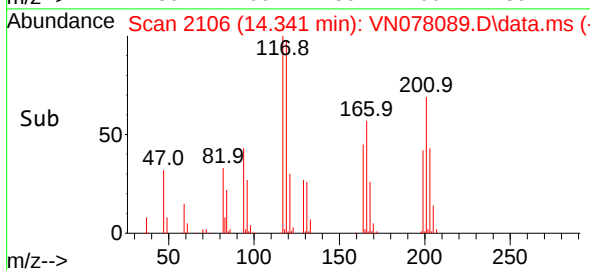
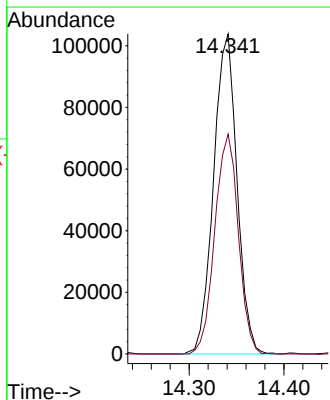
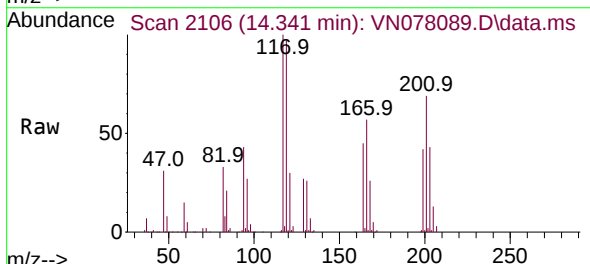
Manual Integrations
APPROVED

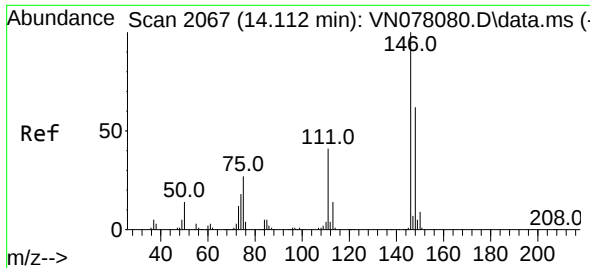
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#90
Hexachloroethane
Concen: 43.225 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Tgt Ion:117 Resp: 178688
Ion Ratio Lower Upper
117 100
201 68.9 29.3 88.0





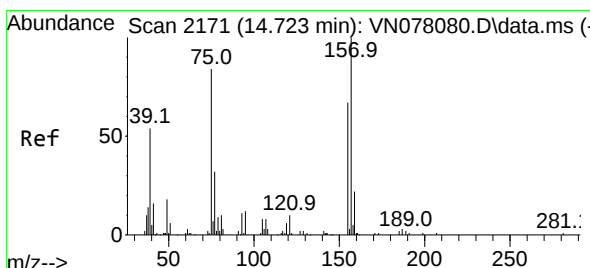
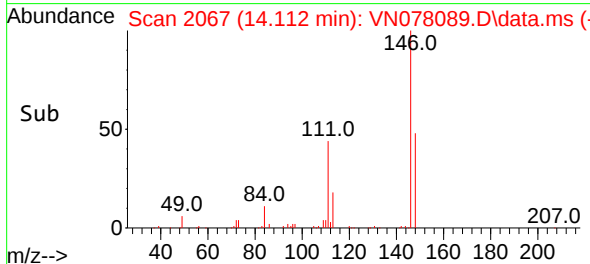
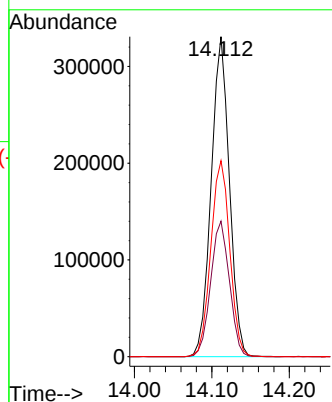
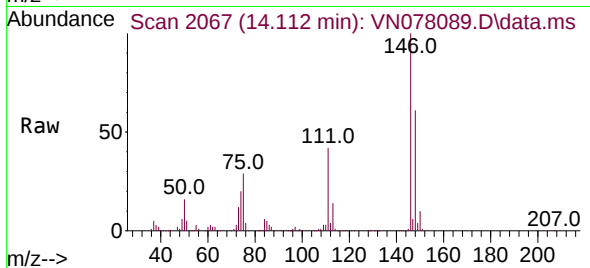
#91
1,2-Dichlorobenzene
Concen: 45.135 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 539758
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.7 31.8 95.3

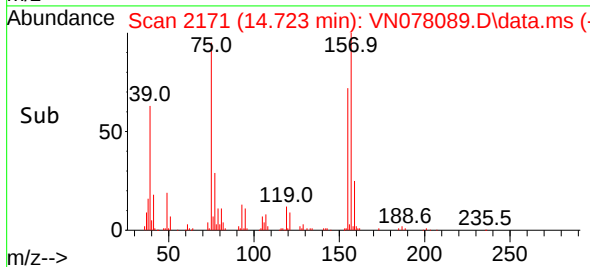
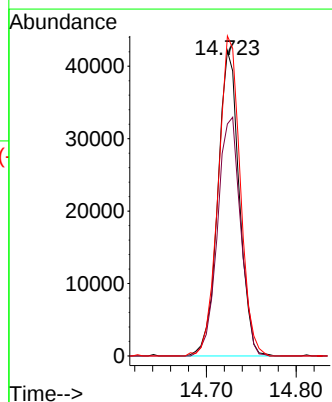
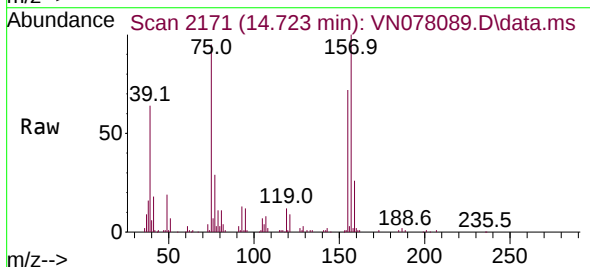
Manual Integrations
APPROVED

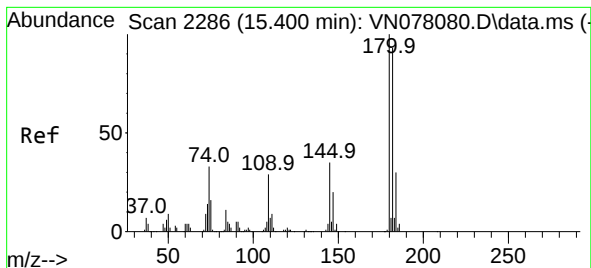
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.209 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

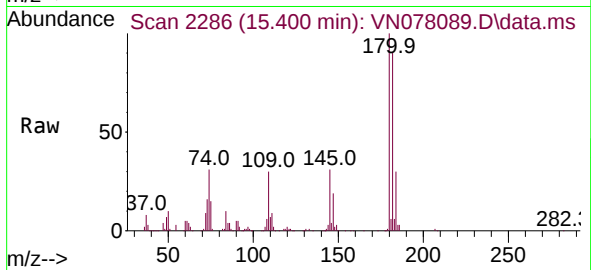
Tgt Ion: 75 Resp: 69782
Ion Ratio Lower Upper
75 100
155 84.5 39.1 117.2
157 107.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.854 ug/l
RT: 15.400 min Scan# 21242
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

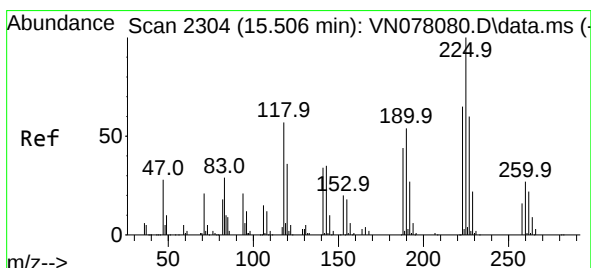
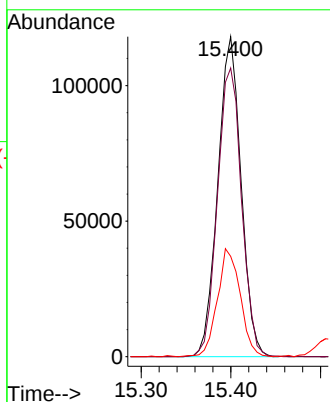
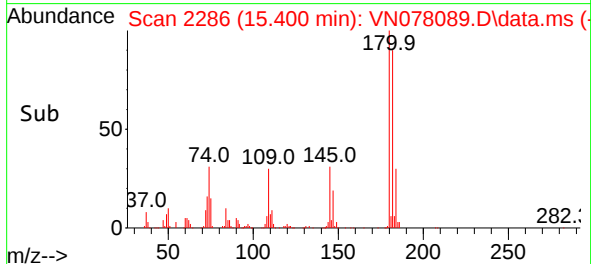
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



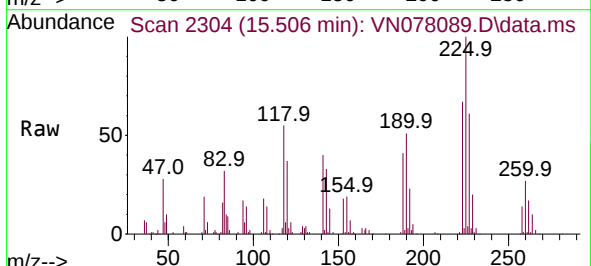
Tgt Ion:180 Resp: 21242
Ion Ratio Lower Upper
180 100
182 93.4 46.1 138.2
145 33.2 16.6 49.8

Manual Integrations
APPROVED

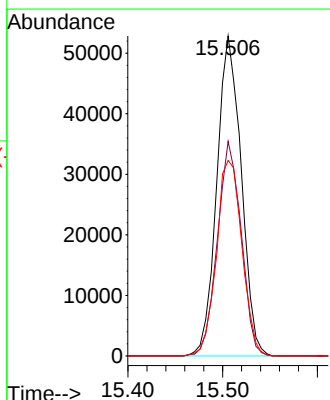
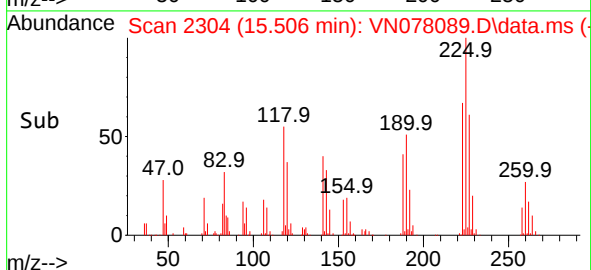
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023

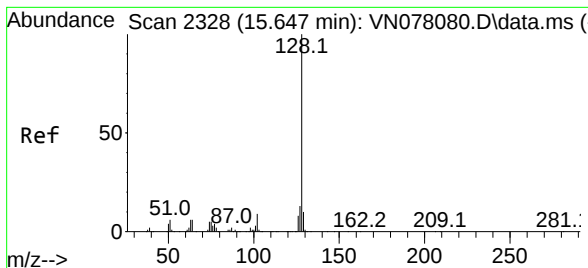


#94
Hexachlorobutadiene
Concen: 45.007 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



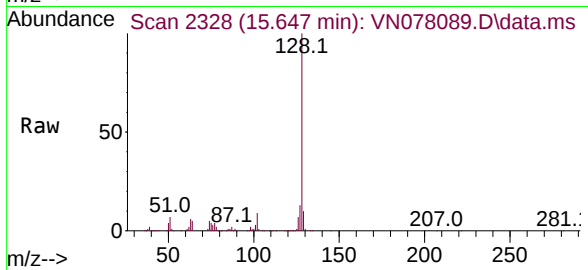
Tgt Ion:225 Resp: 94560
Ion Ratio Lower Upper
225 100
223 65.3 31.3 93.8
227 63.9 31.9 95.9





#95
Naphthalene
Concen: 47.410 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10

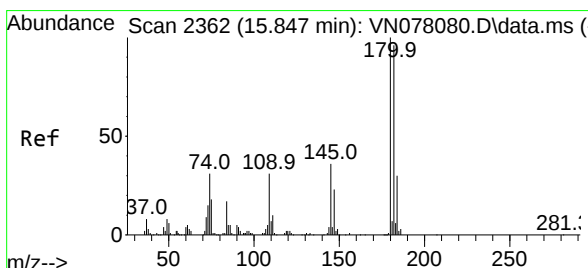
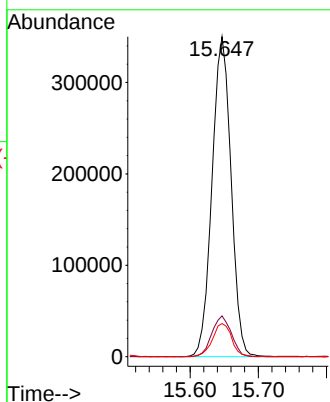
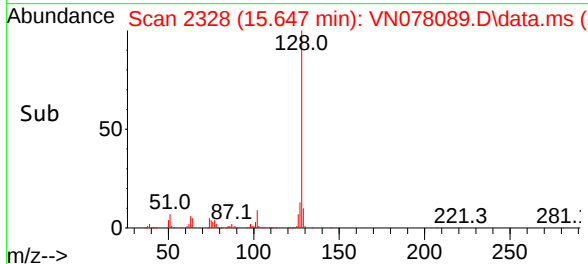
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



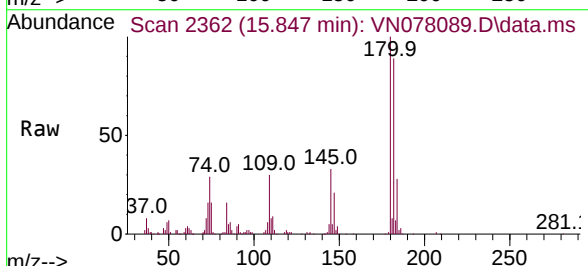
Tgt Ion:128 Resp: 679508
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.309 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078089.D
Acq: 07 Jun 2023 09:10



Tgt Ion:180 Resp: 215918
Ion Ratio Lower Upper
180 100
182 94.0 46.2 138.6
145 35.7 17.5 52.6

