

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078571.D
 Acq On : 19 Jul 2023 10:29
 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 07/20/2023
 Supervised By : Mahesh Dadoda 07/20/2023

Quant Time: Jul 20 01:28:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	468389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	797181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	707760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	320023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	323846	51.574	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.140%			
35) Dibromofluoromethane	8.177	113	289231	53.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	10.571	98	1074922	52.581	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.160%			
62) 4-Bromofluorobenzene	12.853	95	342845	54.447	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	251152	43.734	ug/l	99
3) Chloromethane	2.371	50	332359	53.247	ug/l	100
4) Vinyl Chloride	2.518	62	384223	47.585	ug/l	95
5) Bromomethane	2.954	94	244548	47.650	ug/l	95
6) Chloroethane	3.124	64	238575	48.799	ug/l	100
7) Trichlorofluoromethane	3.501	101	464967	48.173	ug/l	97
8) Diethyl Ether	3.965	74	157313	48.919	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	253021	49.521	ug/l	96
10) Methyl Iodide	4.595	142	344456	49.060	ug/l	98
11) Tert butyl alcohol	5.536	59	211728	218.664	ug/l	99
12) 1,1-Dichloroethene	4.348	96	234384	47.424	ug/l	90
13) Acrolein	4.189	56	201075	211.068	ug/l	97
14) Allyl chloride	5.036	41	309324	45.802	ug/l	94
15) Acrylonitrile	5.730	53	582997	238.301	ug/l	99
16) Acetone	4.436	43	476797	243.763	ug/l	98
17) Carbon Disulfide	4.718	76	592390	41.450	ug/l	99
18) Methyl Acetate	5.036	43	391714	47.308	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	806988	49.557	ug/l	96
20) Methylene Chloride	5.289	84	288930	51.535	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	263887	47.381	ug/l	88
22) Diisopropyl ether	6.677	45	820919	54.287	ug/l	95
23) Vinyl Acetate	6.612	43	2384587	248.044	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	500458	49.114	ug/l	97
25) 2-Butanone	7.489	43	742427	241.127	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	440687	52.878	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	321167	49.848	ug/l	93
28) Bromochloromethane	7.818	49	243067	50.646	ug/l	94
29) Tetrahydrofuran	7.847	42	476854	236.027	ug/l	86
30) Chloroform	7.971	83	585353	55.178	ug/l	97
31) Cyclohexane	8.265	56	385741	45.456	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	489802	51.497	ug/l	97
36) 1,1-Dichloropropene	8.377	75	392683	50.255	ug/l	97
37) Ethyl Acetate	7.565	43	308206	47.317	ug/l #	96
38) Carbon Tetrachloride	8.371	117	431699	50.834	ug/l	99
39) Methylcyclohexane	9.606	83	367142	51.476	ug/l	91
40) Benzene	8.612	78	1178909	50.927	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	164244	49.462	ug/l	91
42) 1,2-Dichloroethane	8.677	62	396887	50.406	ug/l	98
43) Isopropyl Acetate	8.694	43	561748	52.382	ug/l #	93
44) Trichloroethene	9.359	130	307886	49.348	ug/l	100
45) 1,2-Dichloropropane	9.624	63	309020	52.707	ug/l	100
46) Dibromomethane	9.718	93	214153	51.896	ug/l	92
47) Bromodichloromethane	9.894	83	435904	52.697	ug/l	96
48) Methyl methacrylate	9.688	41	246066	49.527	ug/l	91
49) 1,4-Dioxane	9.706	88	100024	923.165	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	1612035	252.721	ug/l	94
52) Toluene	10.635	92	742713	51.768	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	452775	53.429	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	494833	54.780	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	297006	52.542	ug/l	98
56) Ethyl methacrylate	10.877	69	417241	52.803	ug/l	94
57) 1,3-Dichloropropane	11.171	76	495786	51.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	719220	255.405	ug/l	92
59) 2-Hexanone	11.200	43	1134767	250.311	ug/l	90
60) Dibromochloromethane	11.365	129	382648	61.317	ug/l	99
61) 1,2-Dibromoethane	11.471	107	334870	57.508	ug/l	97
64) Tetrachloroethene	11.106	164	252503	47.453	ug/l	98
65) Chlorobenzene	11.894	112	800277	50.586	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	315451	51.832	ug/l	97
67) Ethyl Benzene	11.971	91	1422198	53.184	ug/l	98
68) m/p-Xylenes	12.076	106	1082897	109.527	ug/l	97
69) o-Xylene	12.406	106	527966	52.868	ug/l	98
70) Styrene	12.418	104	870886	55.742	ug/l	98
71) Bromoform	12.582	173	224130	54.377	ug/l #	100
73) Isopropylbenzene	12.700	105	1336504	44.445	ug/l	99
74) N-amyl acetate	12.500	43	440458	42.503	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	411260	48.898	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	318526m	41.178	ug/l	
77) Bromobenzene	12.982	156	320228	48.936	ug/l	93
78) n-propylbenzene	13.041	91	1532959	47.668	ug/l	100
79) 2-Chlorotoluene	13.129	91	924429	43.885	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1113765	46.876	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	118101	40.121	ug/l	93
82) 4-Chlorotoluene	13.223	91	895752	45.584	ug/l	98
83) tert-Butylbenzene	13.441	119	936898	46.445	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1106309	47.937	ug/l	98
85) sec-Butylbenzene	13.623	105	1192426	46.767	ug/l	99
86) p-Isopropyltoluene	13.735	119	995119	48.605	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	544112	47.134	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	554785	47.712	ug/l	99
89) n-Butylbenzene	14.059	91	761301	51.970	ug/l	98
90) Hexachloroethane	14.335	117	191979	51.034	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	536646	46.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61949	42.754	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	169283	46.170	ug/l	97
94) Hexachlorobutadiene	15.506	225	98075	51.861	ug/l	98
95) Naphthalene	15.647	128	475672	37.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	179915	42.675	ug/l	96

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VSTDCCC050

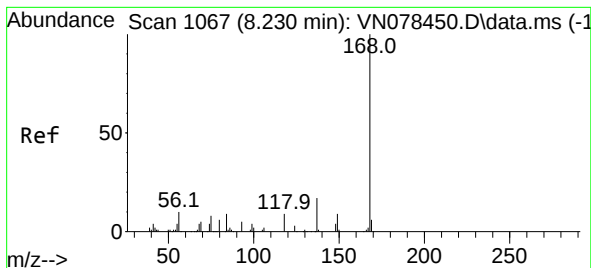
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

Quant Time: Jul 20 01:28:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

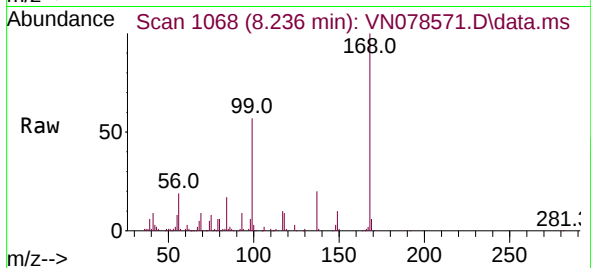
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

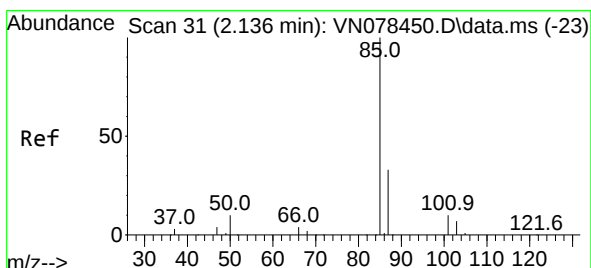
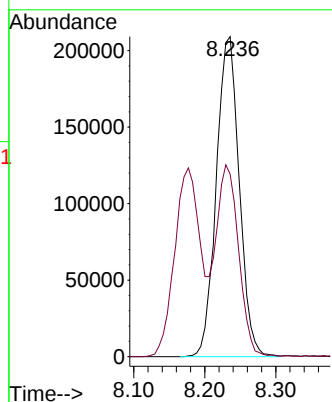
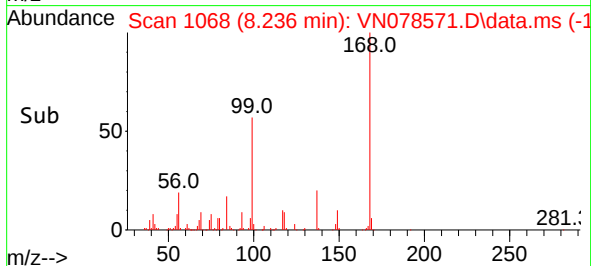
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 468389
Ion Ratio Lower Upper
168 100
99 56.9 53.0 79.6

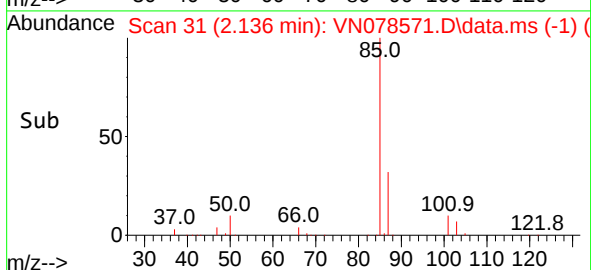
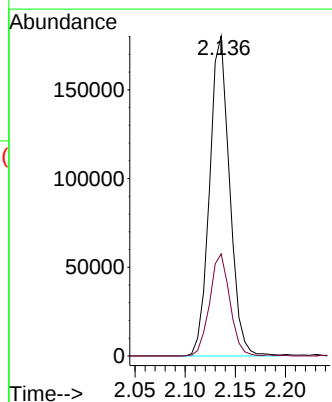
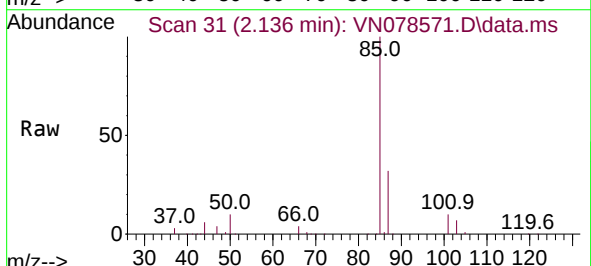
Manual Integrations
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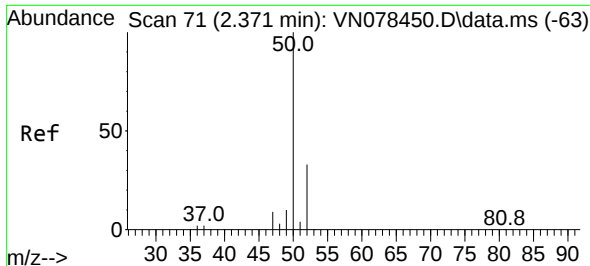
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#2
Dichlorodifluoromethane
Concen: 43.734 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

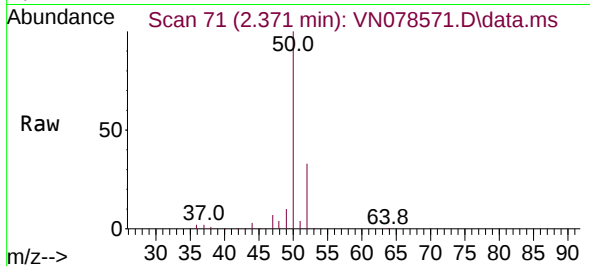
Tgt Ion: 85 Resp: 251152
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 53.247 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

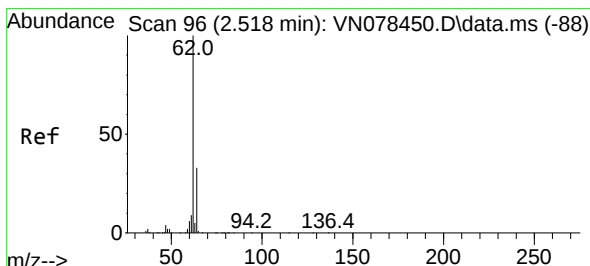
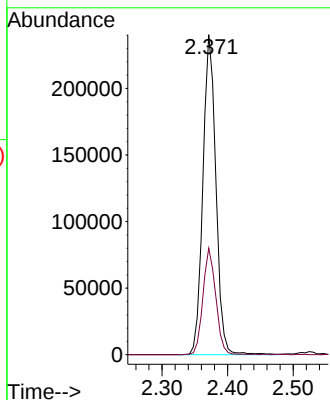
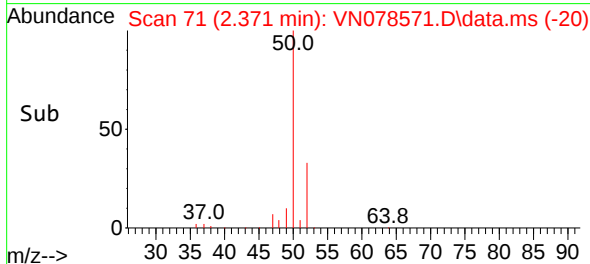
Instrument :
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VSTDCCC050



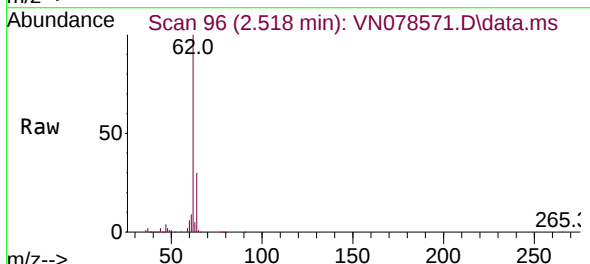
Tgt Ion: 50 Resp: 332359
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

Manual Integrations
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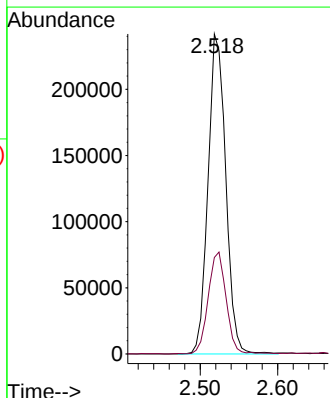
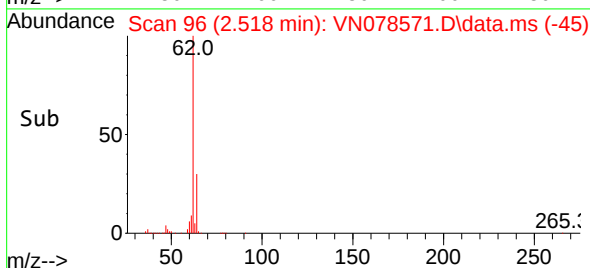
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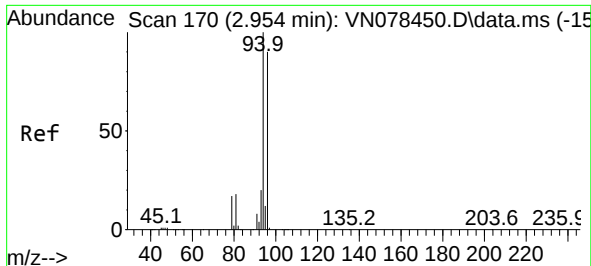


#4
Vinyl Chloride
Concen: 47.585 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



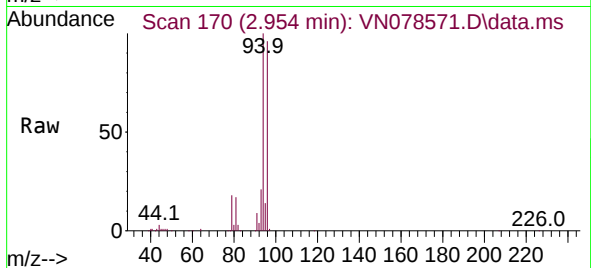
Tgt Ion: 62 Resp: 384223
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2





#5
Bromomethane
Concen: 47.650 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

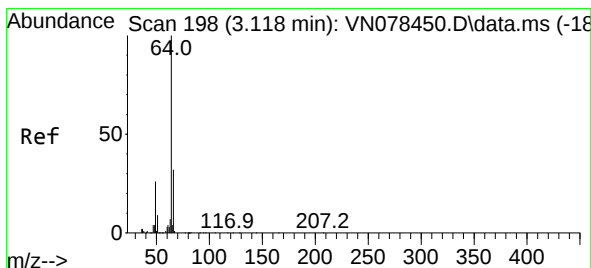
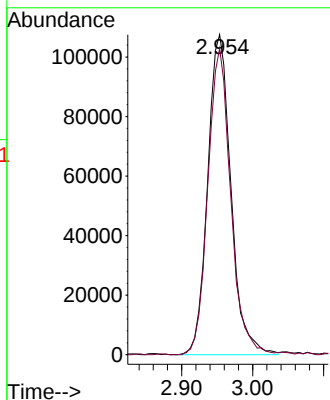
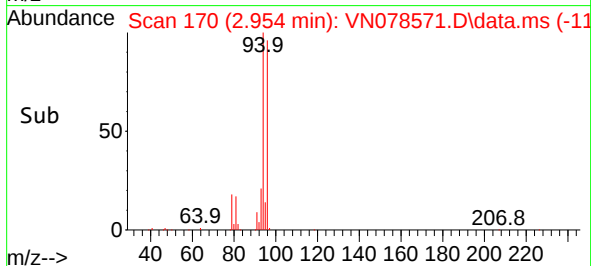
Instrument :
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Tgt Ion: 94 Resp: 244548
Ion Ratio Lower Upper
94 100
96 95.7 73.1 109.7

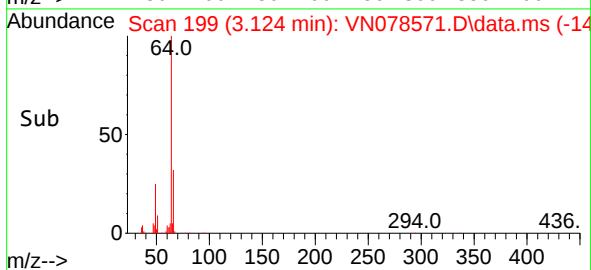
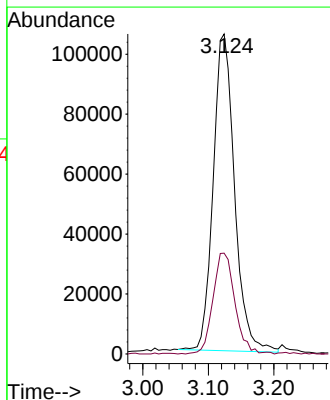
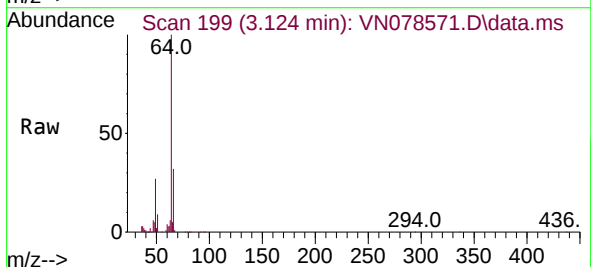
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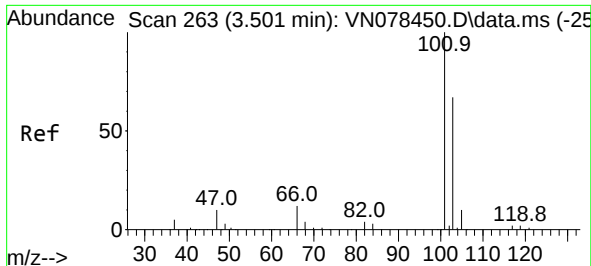
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#6
Chloroethane
Concen: 48.799 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion: 64 Resp: 238575
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





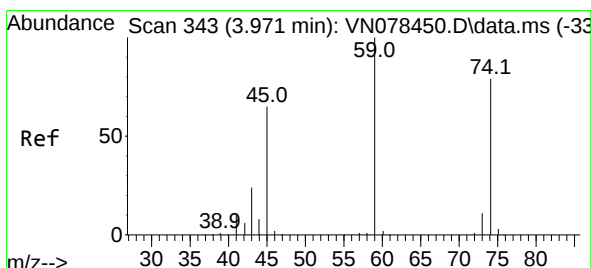
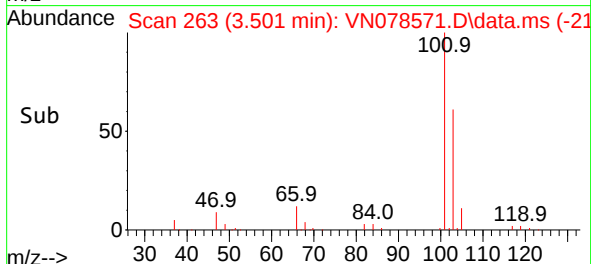
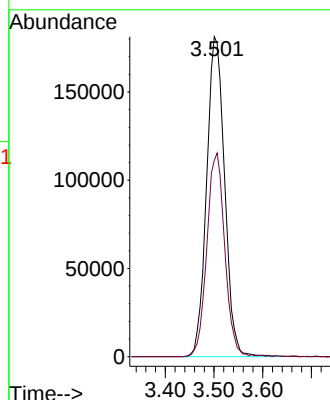
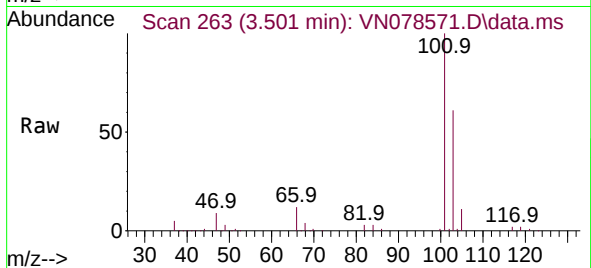
#7
Trichlorofluoromethane
Concen: 48.173 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 46496
Ion Ratio Lower Upper
101 100
103 61.3 50.7 76.1

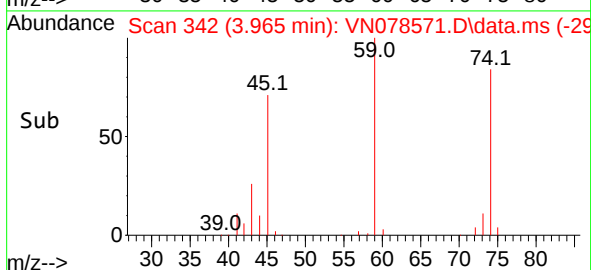
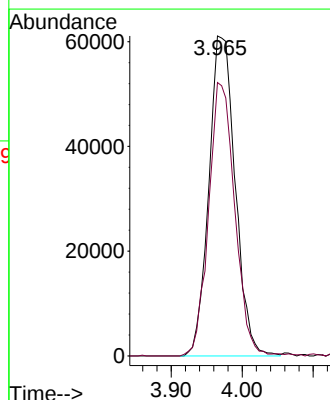
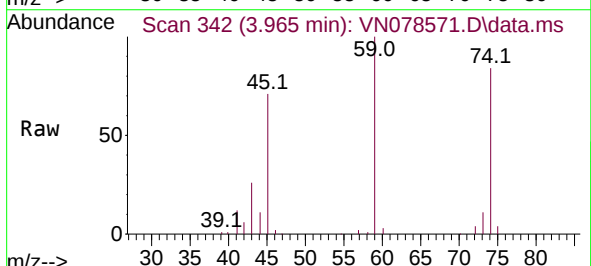
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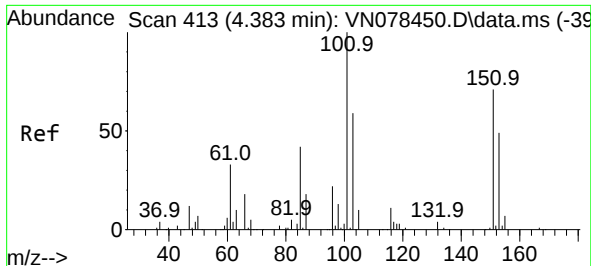
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#8
Diethyl Ether
Concen: 48.919 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion: 74 Resp: 157313
Ion Ratio Lower Upper
74 100
45 85.0 34.4 103.3





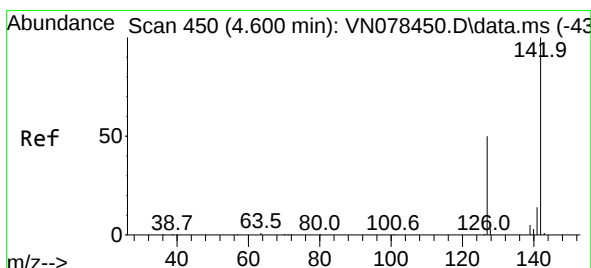
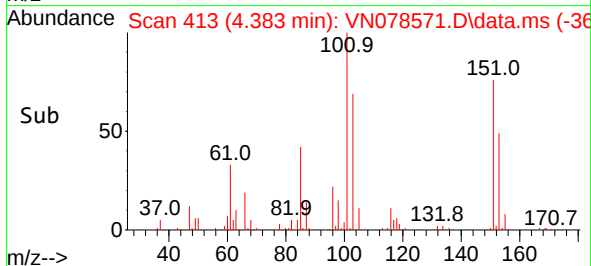
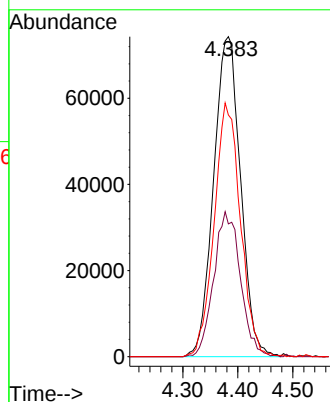
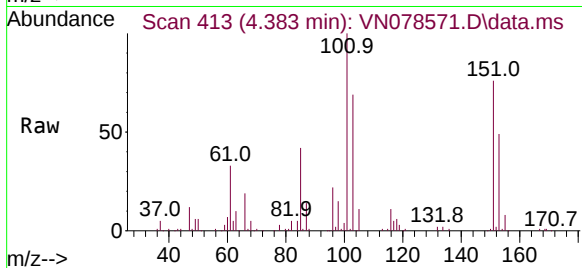
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.521 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 25302
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 77.2 57.6 86.4

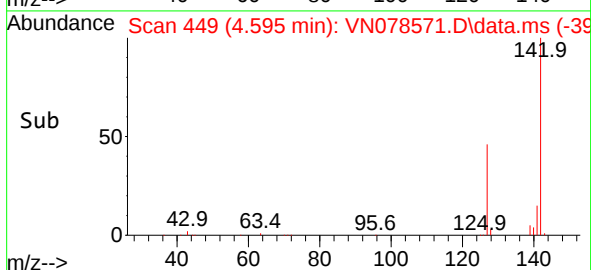
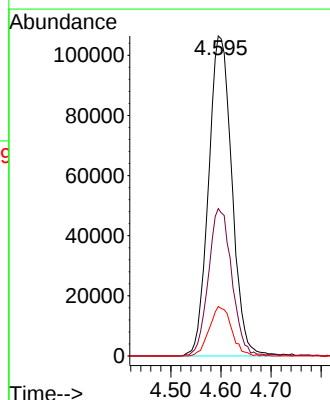
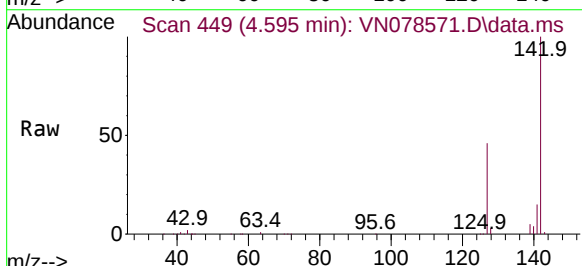
Manual Integrations
APPROVED

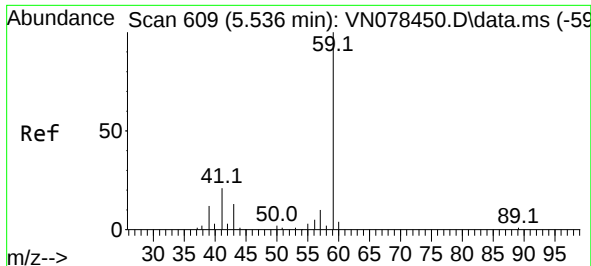
Reviewed By :John Carbone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#10
Methyl Iodide
Concen: 49.060 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

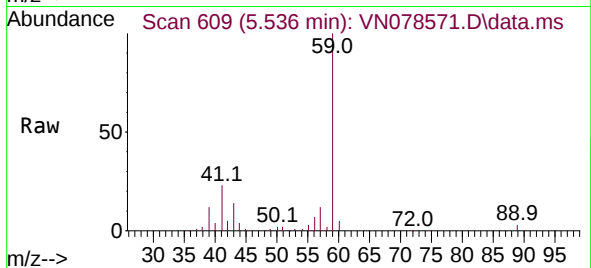
Tgt Ion:142 Resp: 344456
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 15.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 218.664 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

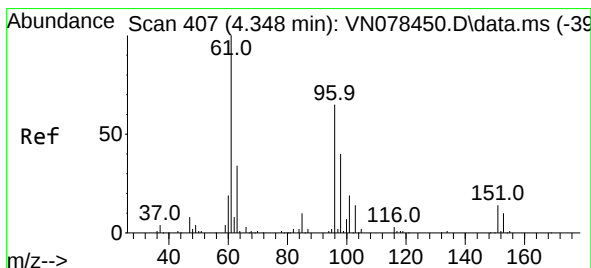
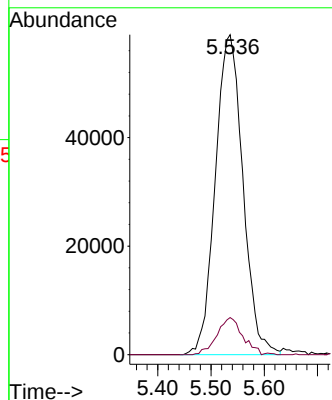
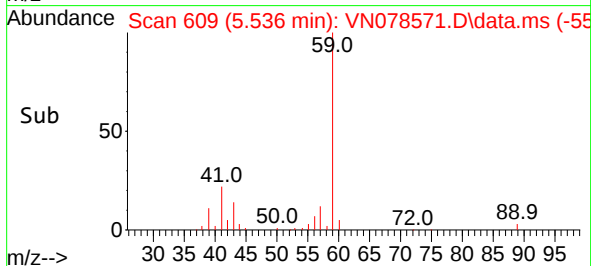
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 211728
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

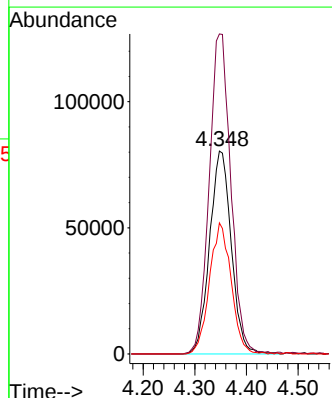
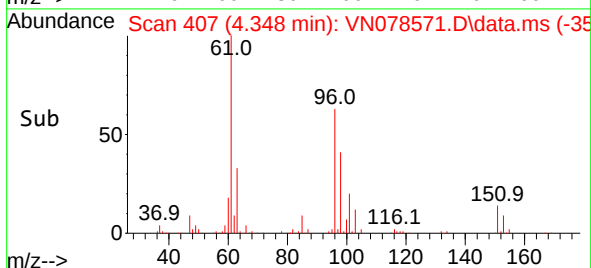
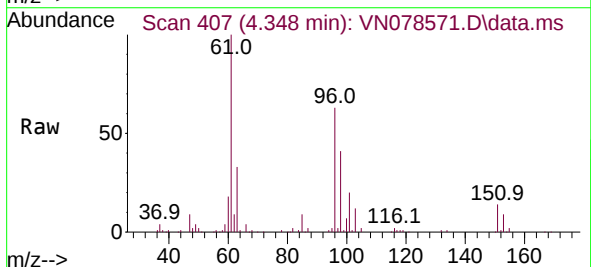
Manual Integrations
APPROVED

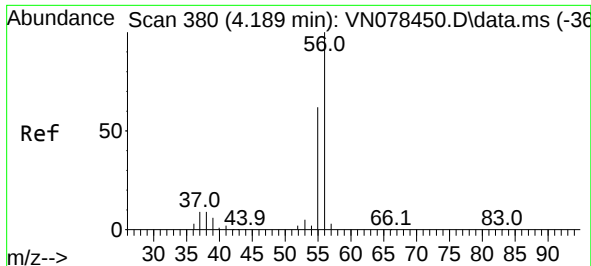
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#12
1,1-Dichloroethene
Concen: 47.424 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

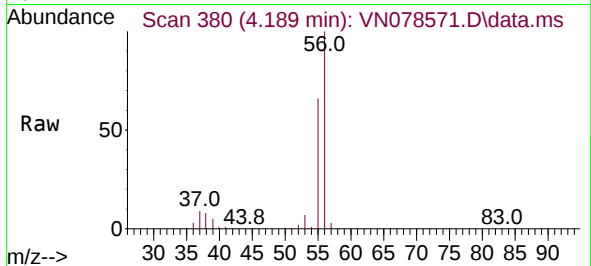
Tgt Ion: 96 Resp: 234384
Ion Ratio Lower Upper
96 100
61 157.7 112.7 169.1
98 64.5 51.2 76.8





#13
Acrolein
Concen: 211.068 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

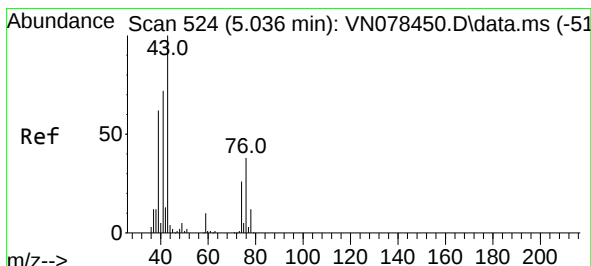
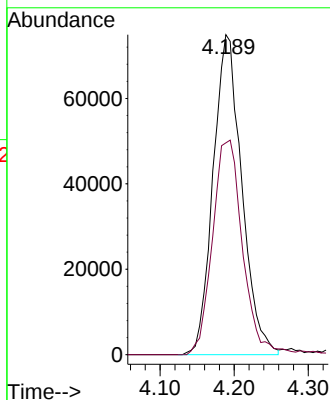
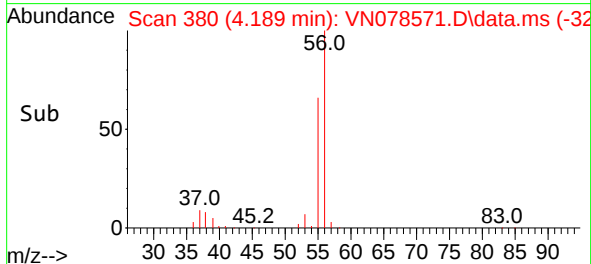
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 201079
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7

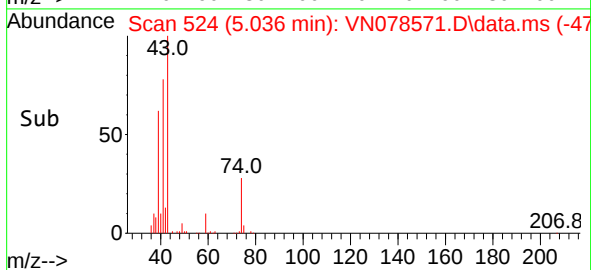
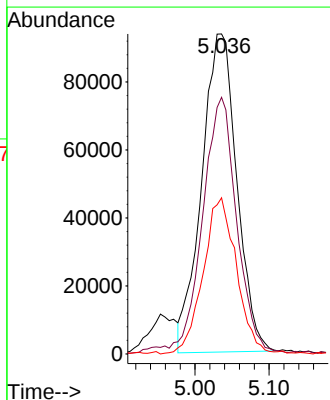
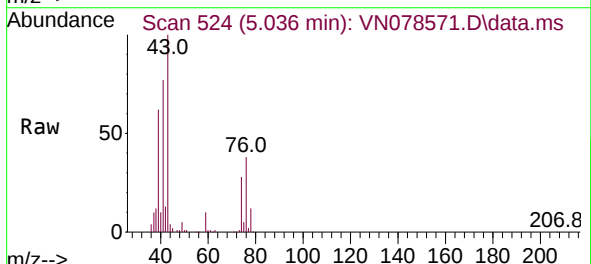
Manual Integrations
APPROVED

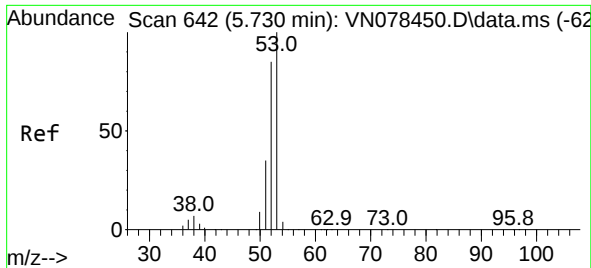
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#14
Allyl chloride
Concen: 45.802 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

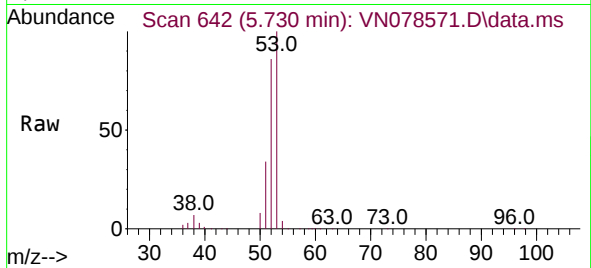
Tgt Ion: 41 Resp: 309324
Ion Ratio Lower Upper
41 100
39 79.4 58.8 88.2
76 46.6 39.1 58.7





#15
Acrylonitrile
Concen: 238.301 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

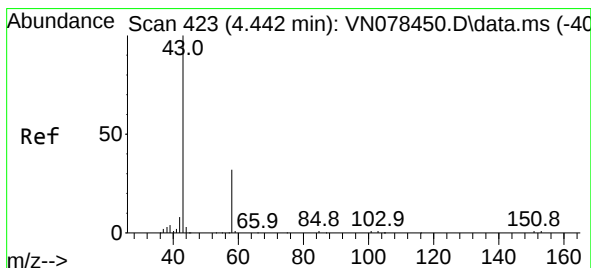
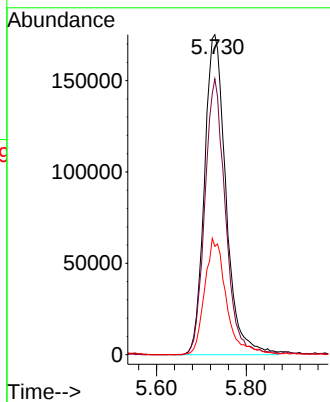
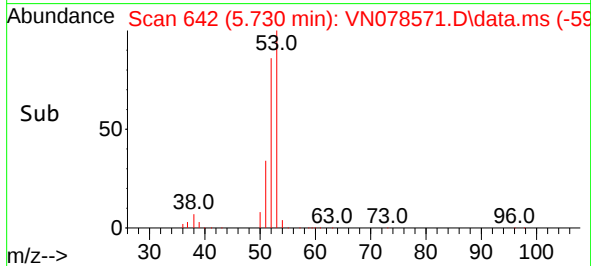
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 582997
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.8 28.9 43.3

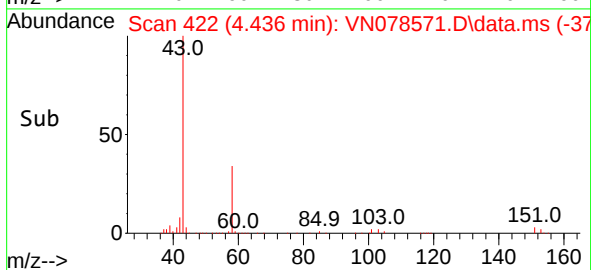
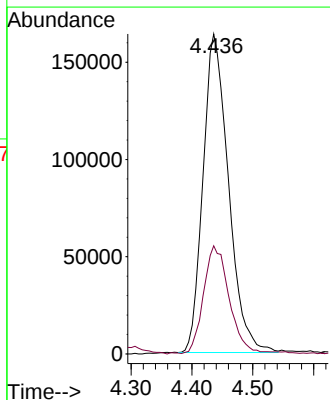
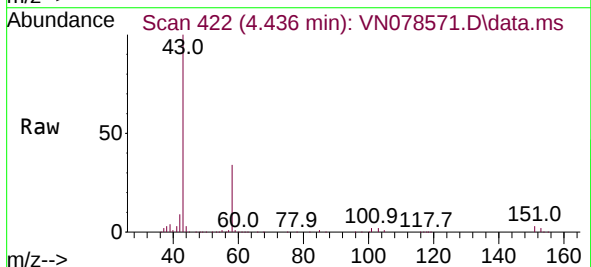
Manual Integrations
APPROVED

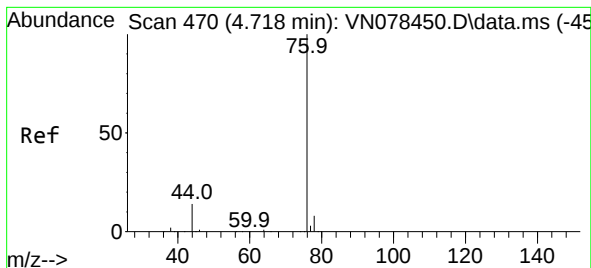
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#16
Acetone
Concen: 243.763 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion: 43 Resp: 476797
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0





#17

Carbon Disulfide

Concen: 41.450 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 592390

Ion Ratio Lower Upper

76 100

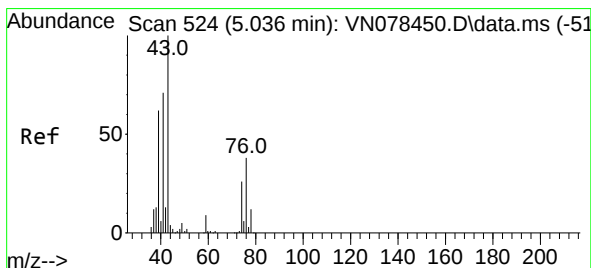
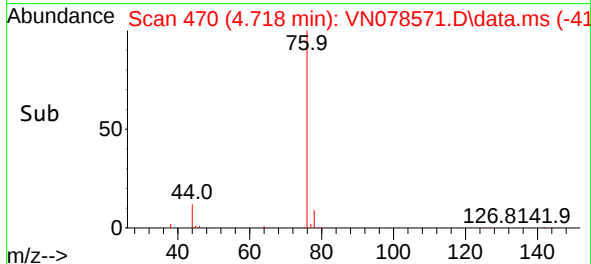
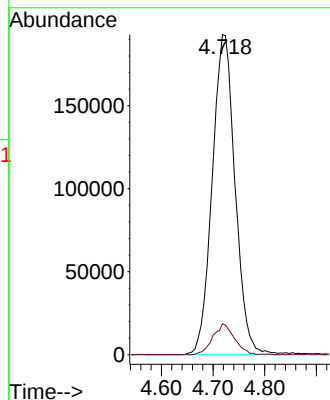
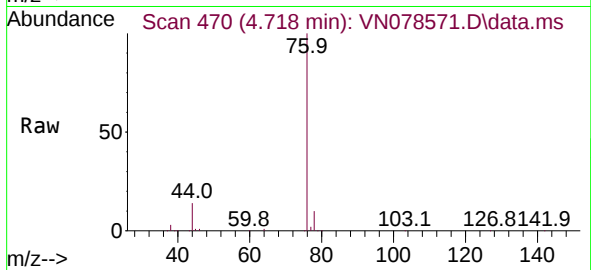
78 9.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#18

Methyl Acetate

Concen: 47.308 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078571.D

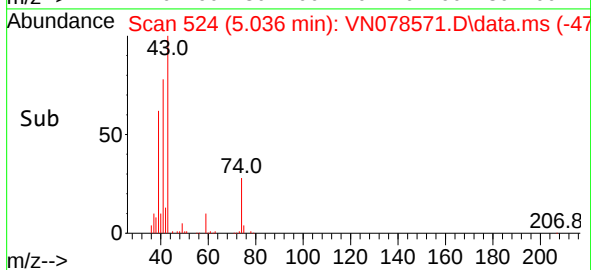
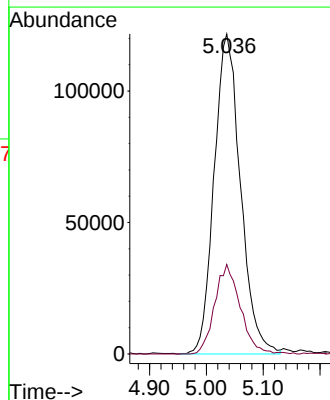
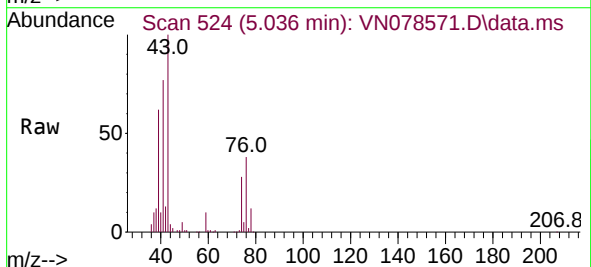
Acq: 19 Jul 2023 10:29

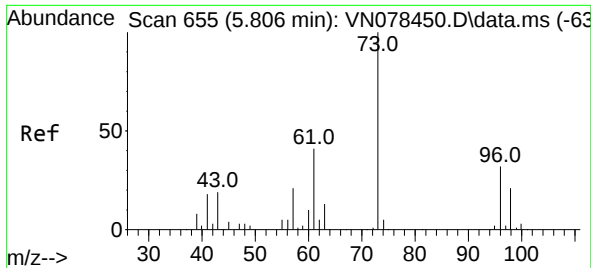
Tgt Ion: 43 Resp: 391714

Ion Ratio Lower Upper

43 100

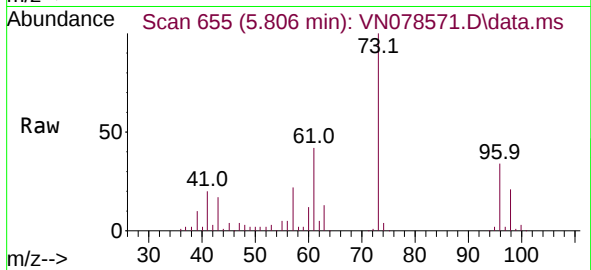
74 26.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.557 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

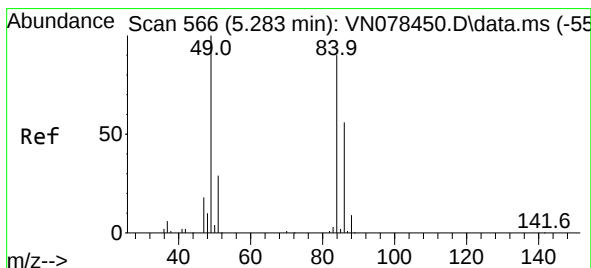
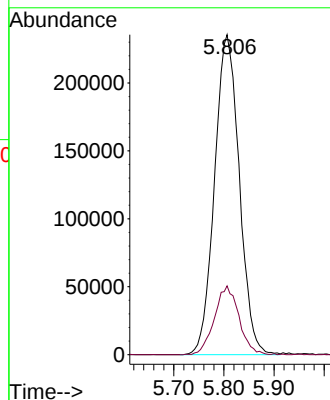
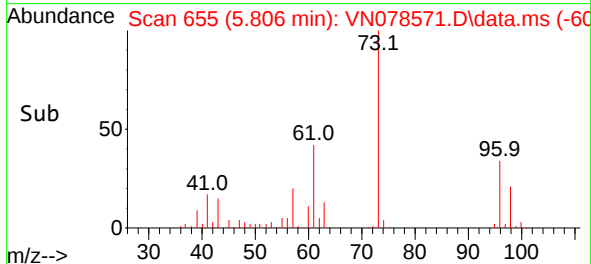
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 806988
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4

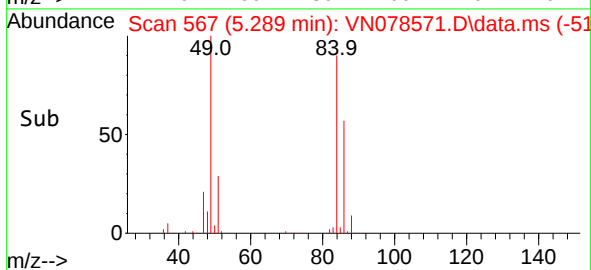
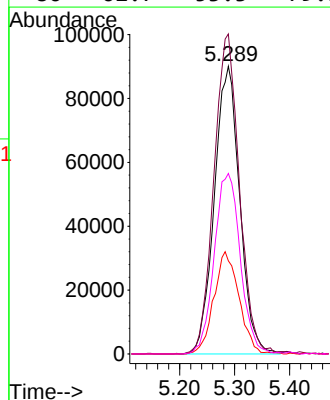
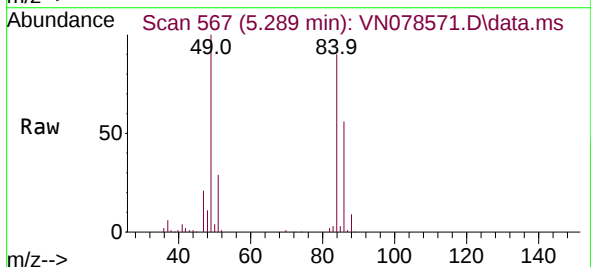
Manual Integrations
APPROVED

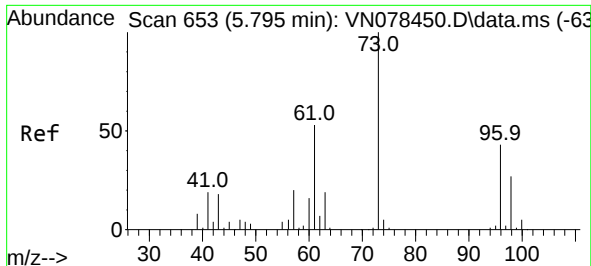
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#20
Methylene Chloride
Concen: 51.535 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

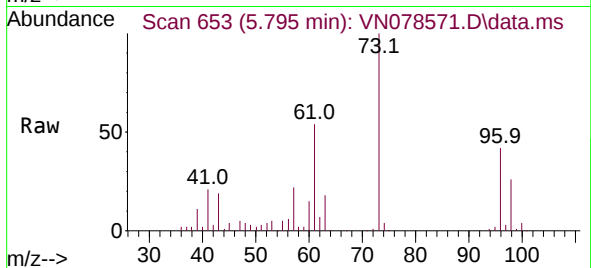
Tgt Ion: 84 Resp: 288930
Ion Ratio Lower Upper
84 100
49 111.2 79.7 119.5
51 32.4 25.2 37.8
86 62.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.381 ug/l
RT: 5.795 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

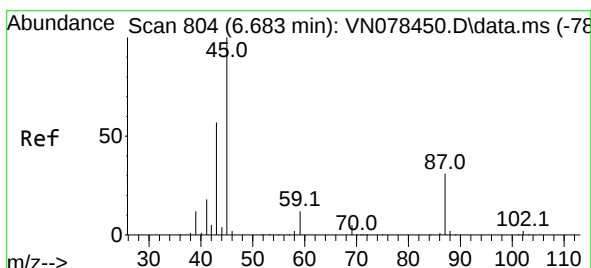
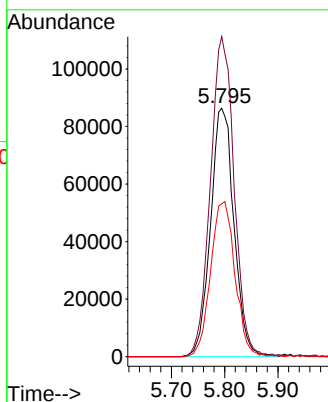
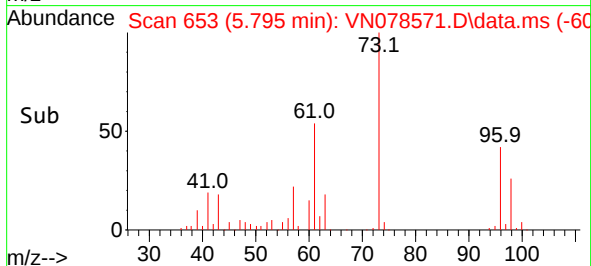
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



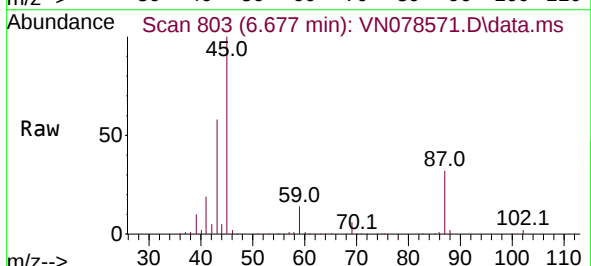
Tgt Ion: 96 Resp: 26388
Ion Ratio Lower Upper
96 100
61 128.8 90.1 135.1
98 61.5 46.4 69.6

Manual Integrations
APPROVED

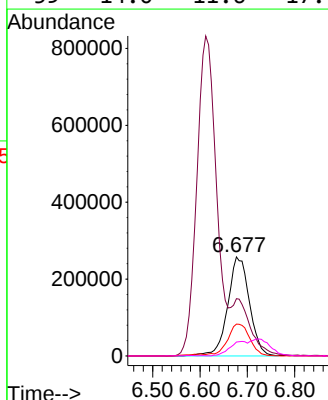
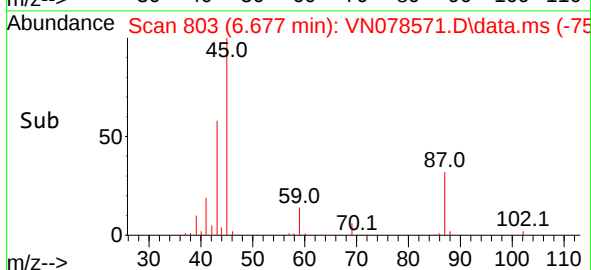
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

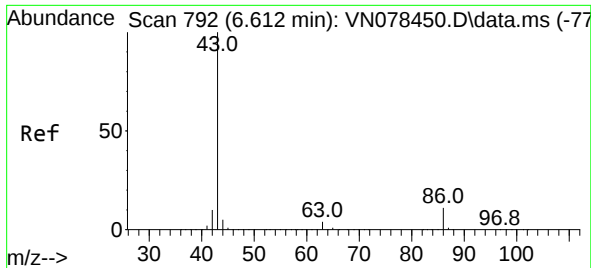


#22
Diisopropyl ether
Concen: 54.287 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



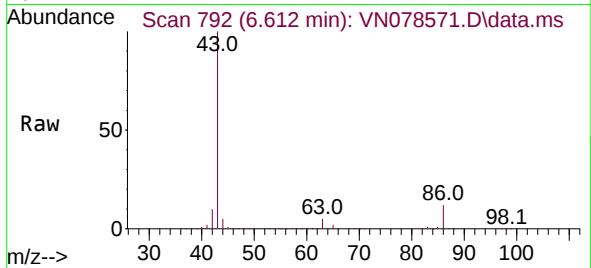
Tgt Ion: 45 Resp: 820919
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 32.0 31.8 47.8
59 14.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 248.044 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078571.D
 Acq: 19 Jul 2023 10:29

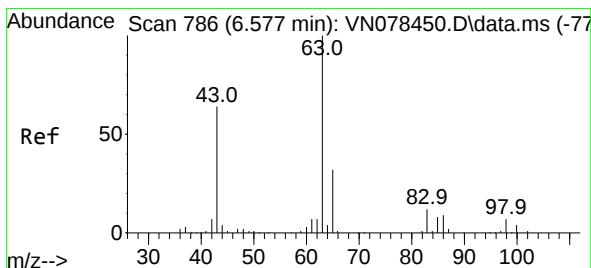
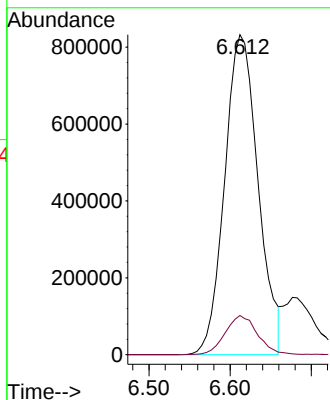
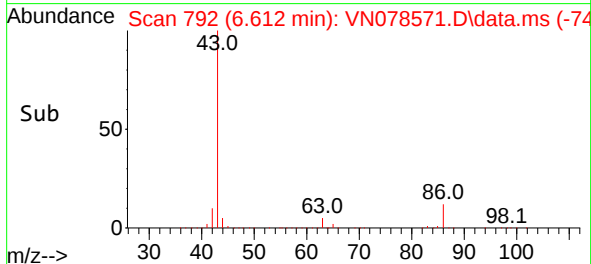
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



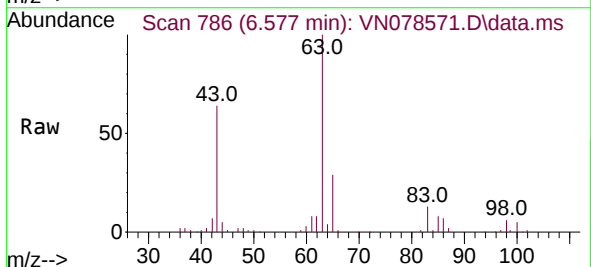
Tgt Ion: 43 Resp: 238458
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations
 APPROVED

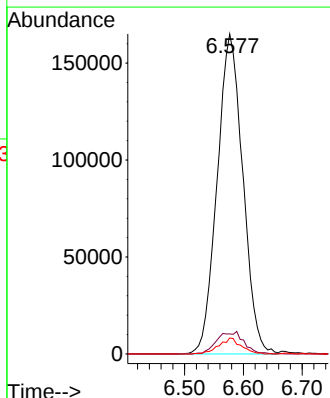
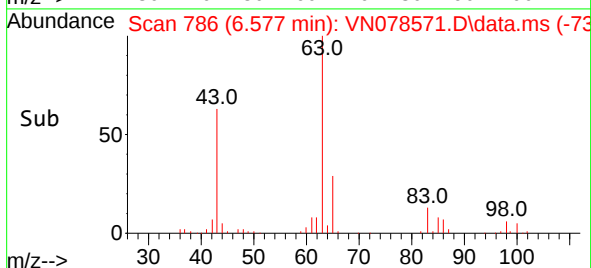
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023

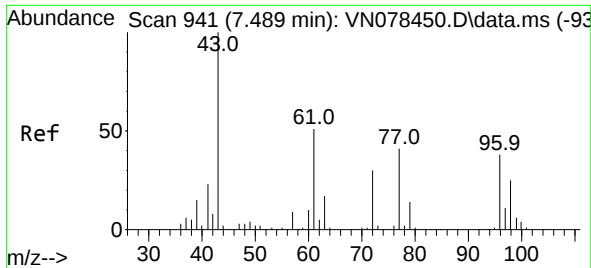


#24
 1,1-Dichloroethane
 Concen: 49.114 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078571.D
 Acq: 19 Jul 2023 10:29



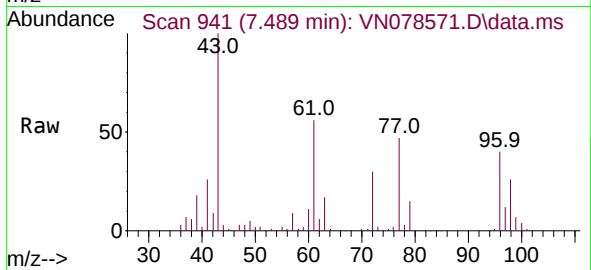
Tgt Ion: 63 Resp: 500458
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 5.0 2.5 7.4





#25
2-Butanone
Concen: 241.127 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

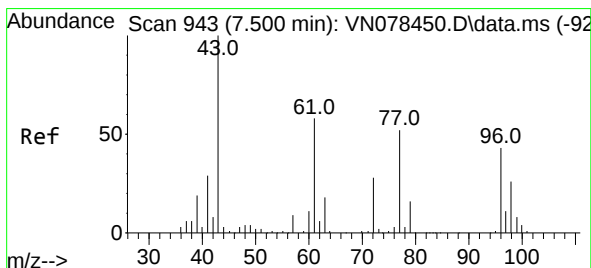
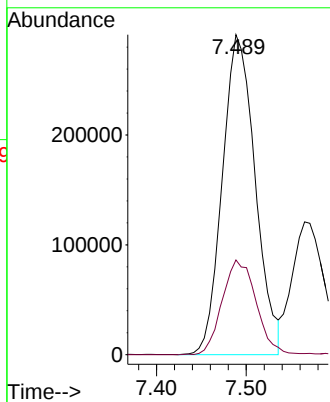
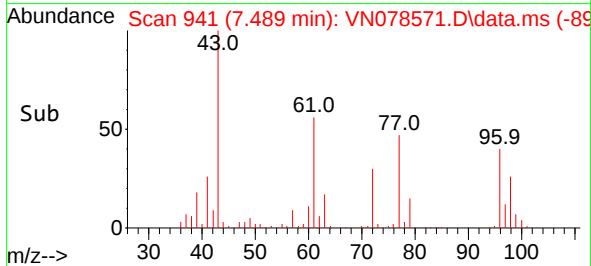
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



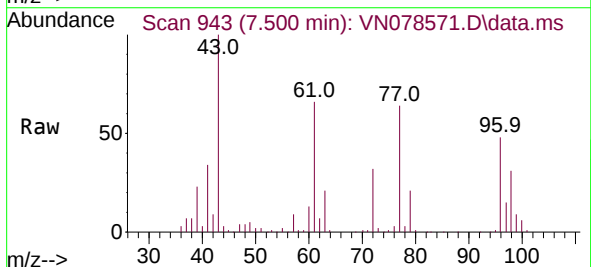
Tgt Ion: 43 Resp: 742427
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2

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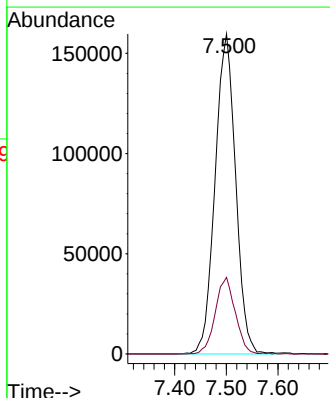
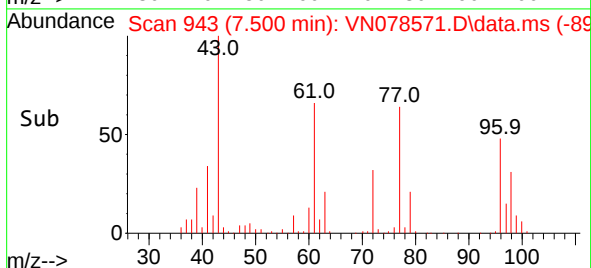
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

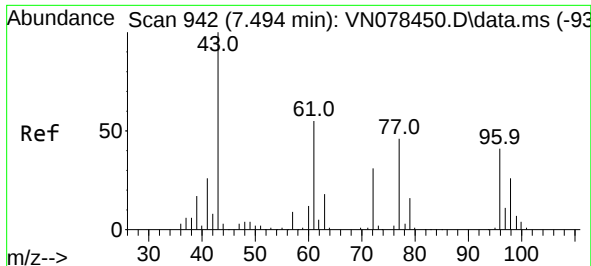


#26
2,2-Dichloropropane
Concen: 52.878 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



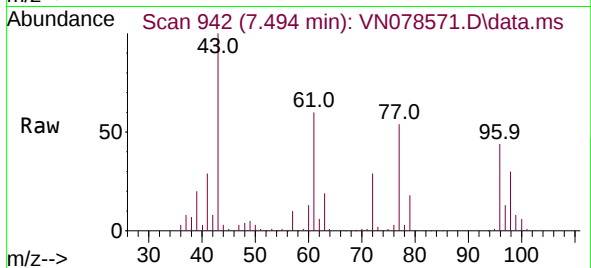
Tgt Ion: 77 Resp: 440687
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.848 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078571.D
 Acq: 19 Jul 2023 10:29

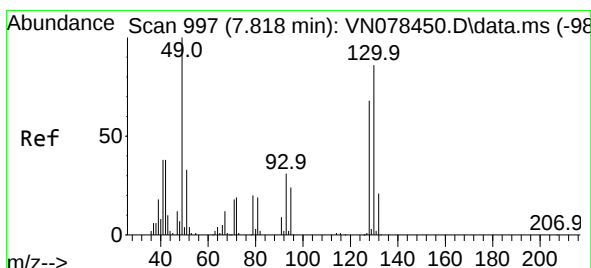
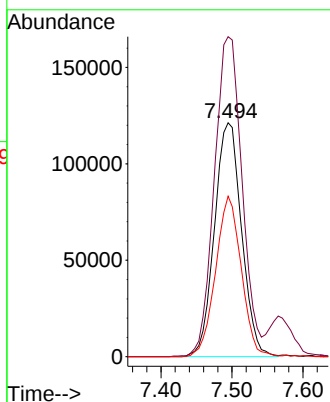
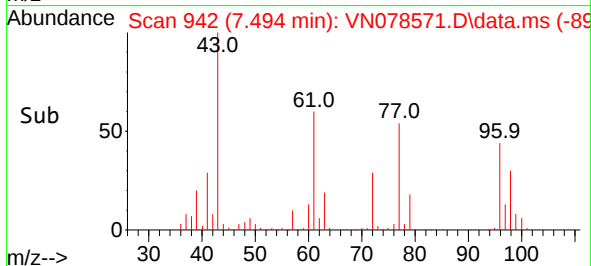
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 32116
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 255.2
 98 64.9 0.0 128.8

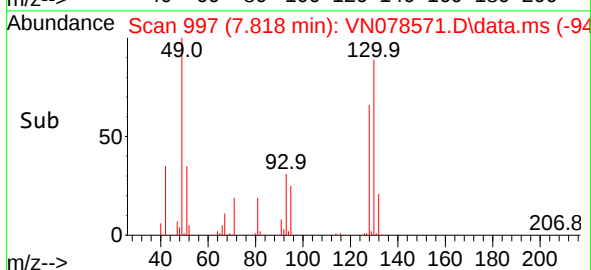
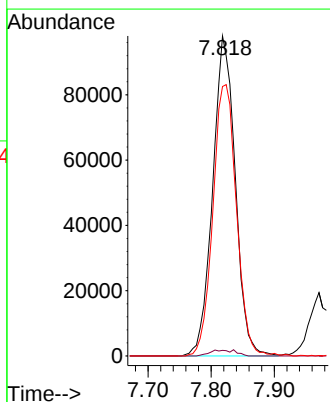
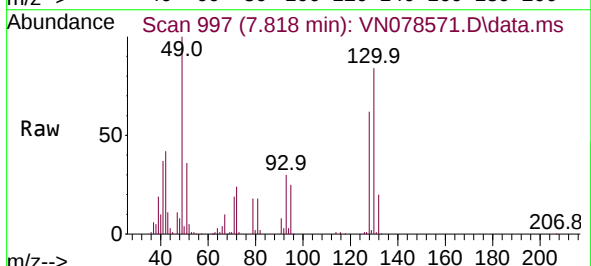
Manual Integrations
 APPROVED

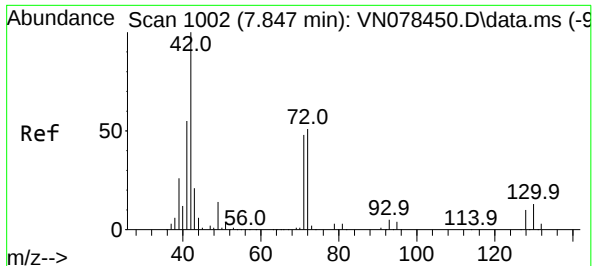
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023



#28
 Bromochloromethane
 Concen: 50.646 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078571.D
 Acq: 19 Jul 2023 10:29

Tgt Ion: 49 Resp: 243067
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 88.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 236.027 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 476854

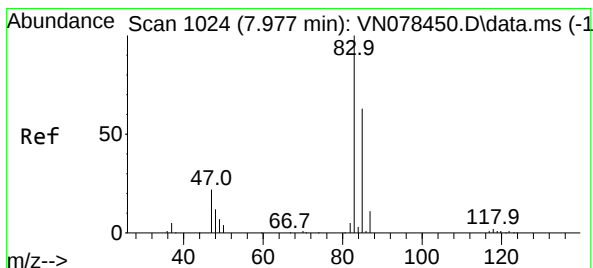
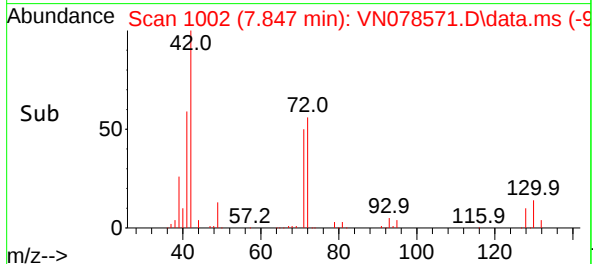
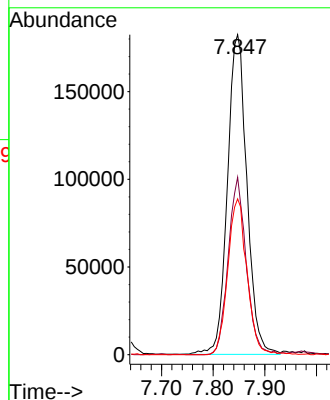
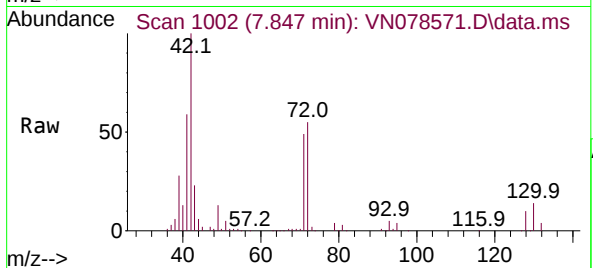
Ion	Ratio	Lower	Upper
42	100		
72	51.6	49.8	74.6
71	48.1	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#30

Chloroform

Concen: 55.178 ug/l

RT: 7.971 min Scan# 1023

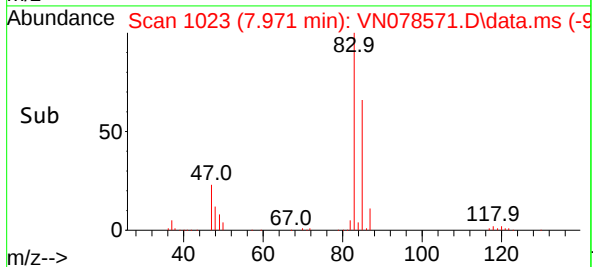
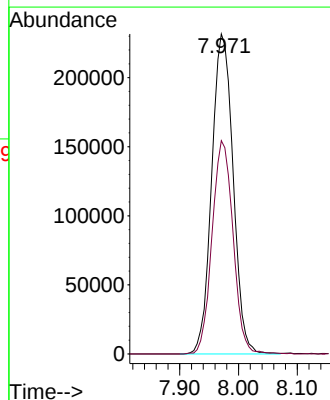
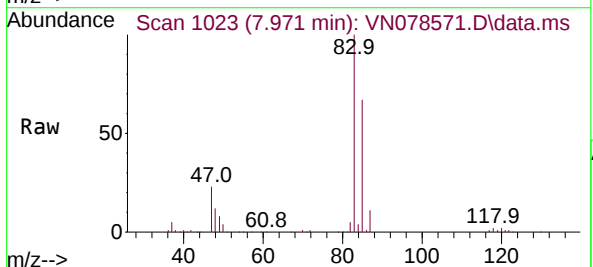
Delta R.T. -0.006 min

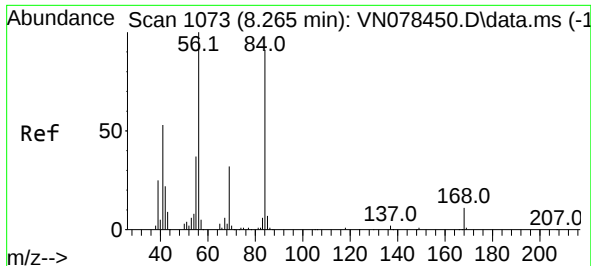
Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Tgt Ion: 83 Resp: 585353

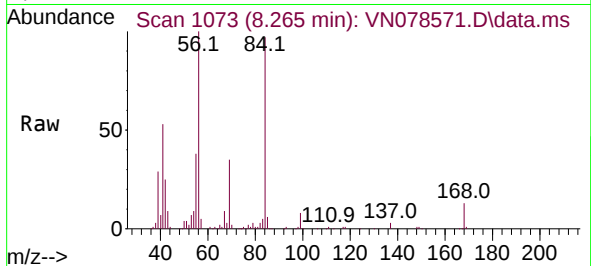
Ion	Ratio	Lower	Upper
83	100		
85	66.6	55.4	83.0





#31
Cyclohexane
Concen: 45.456 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

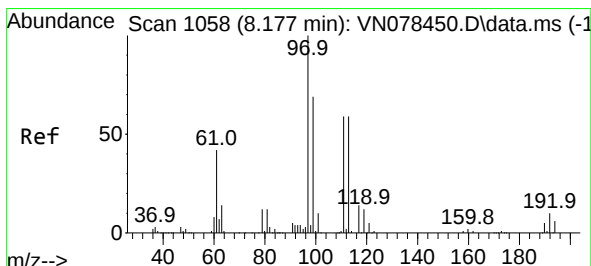
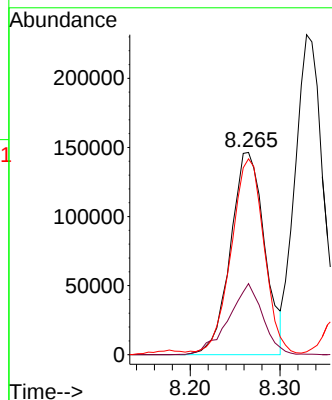
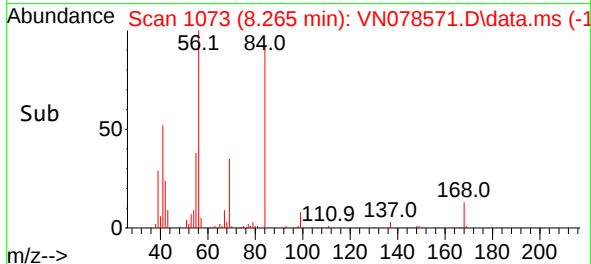
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



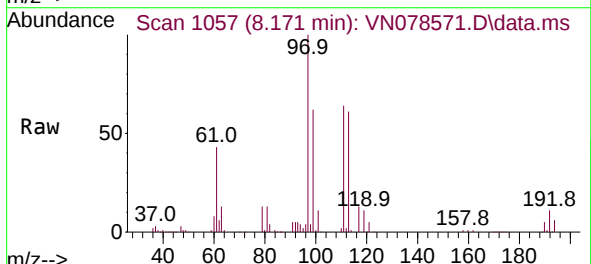
Tgt Ion: 56 Resp: 38574
Ion Ratio Lower Upper
56 100
69 34.9 26.8 40.2
84 95.2 81.8 122.6

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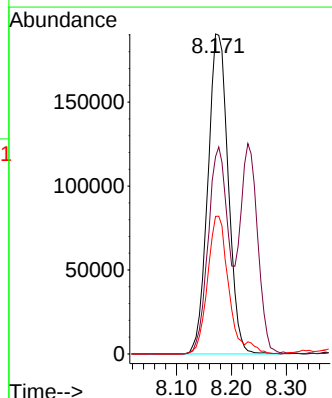
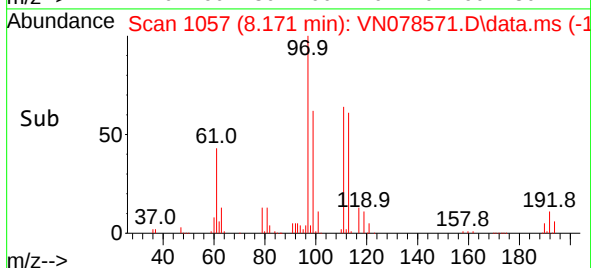
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

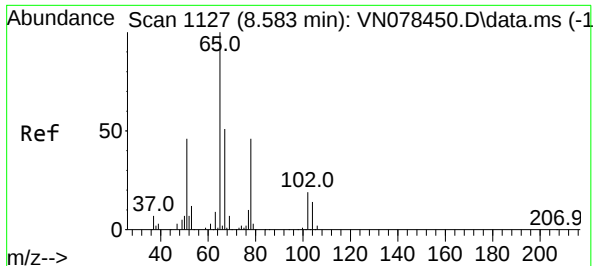


#32
1,1,1-Trichloroethane
Concen: 51.497 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



Tgt Ion: 97 Resp: 489802
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.574 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 323840

Ion Ratio Lower Upper

65 100

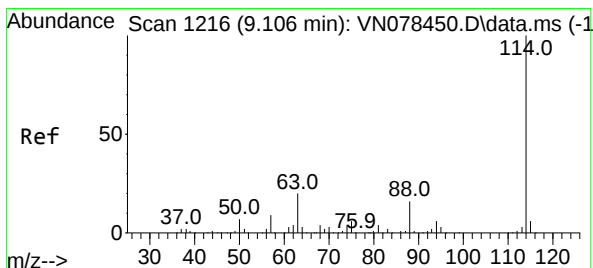
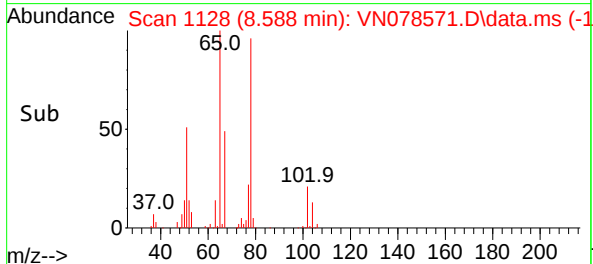
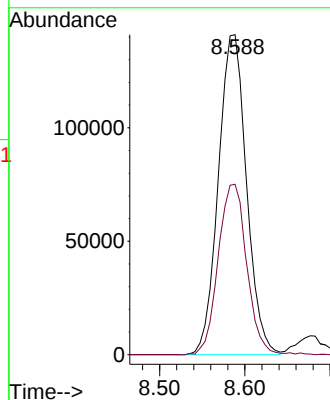
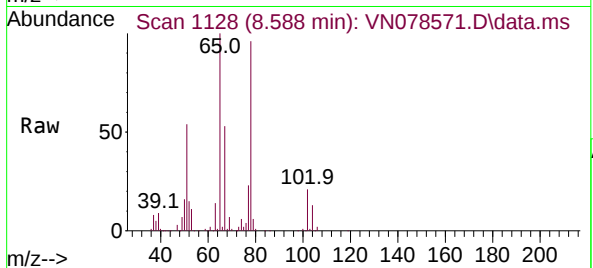
67 53.7 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

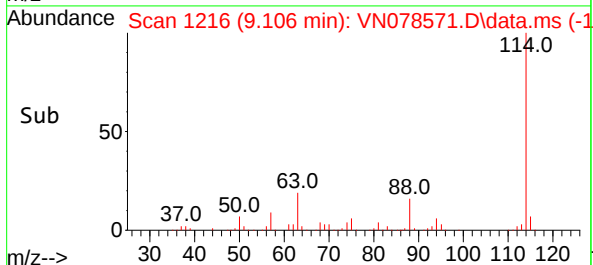
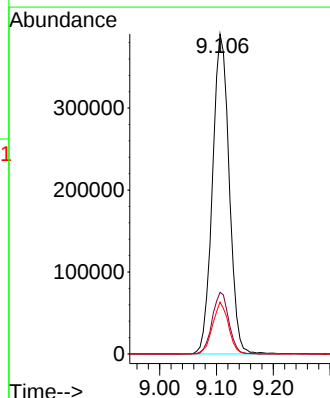
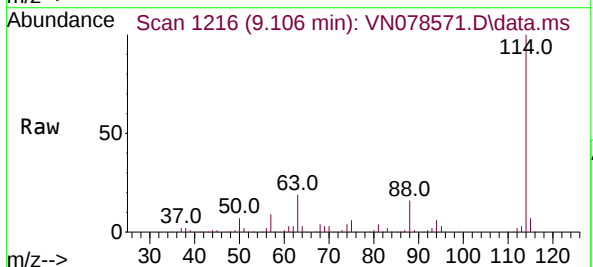
Tgt Ion:114 Resp: 797181

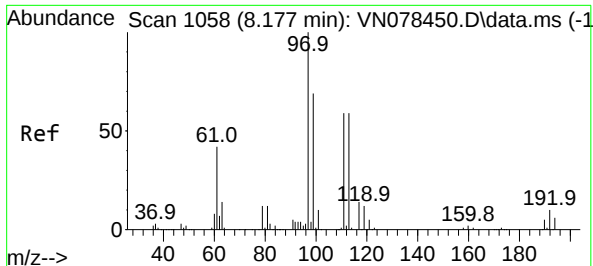
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.447 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 28923

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

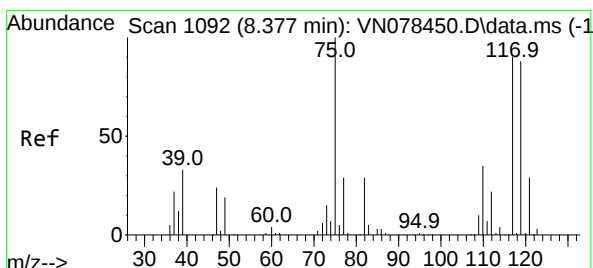
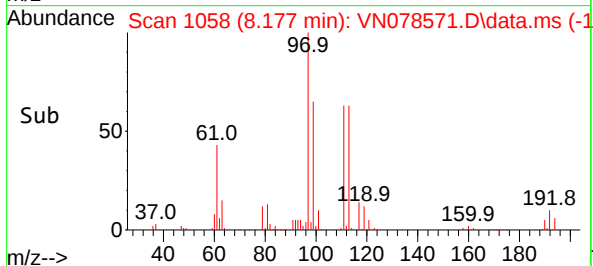
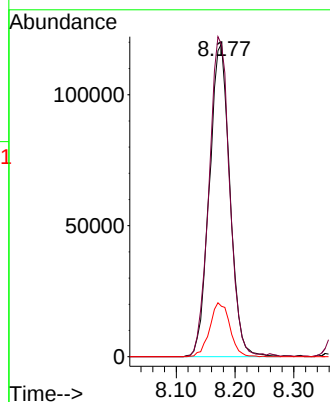
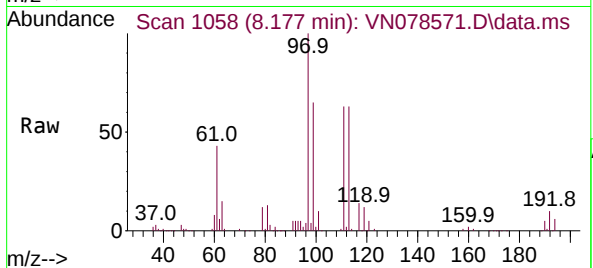
192 16.9 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#36

1,1-Dichloropropene

Concen: 50.255 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

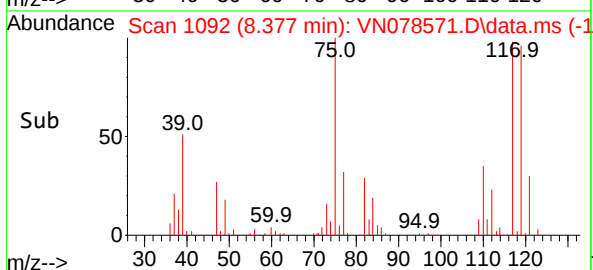
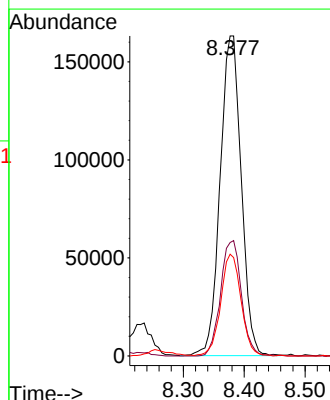
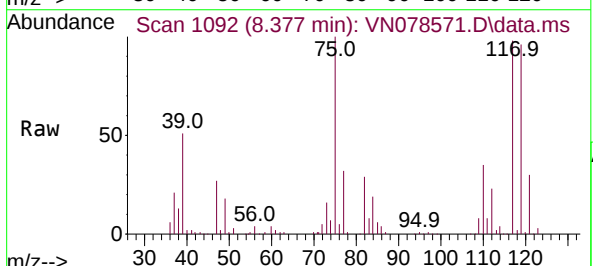
Tgt Ion: 75 Resp: 392683

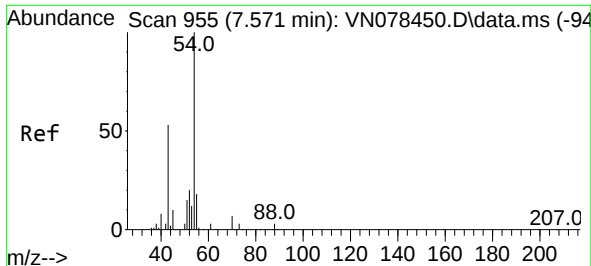
Ion Ratio Lower Upper

75 100

110 35.6 19.1 57.3

77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 47.317 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078571.D

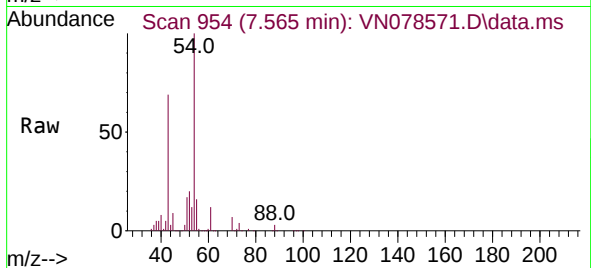
Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 308200

Ion Ratio Lower Upper

43 100

61 16.0 13.2 19.8

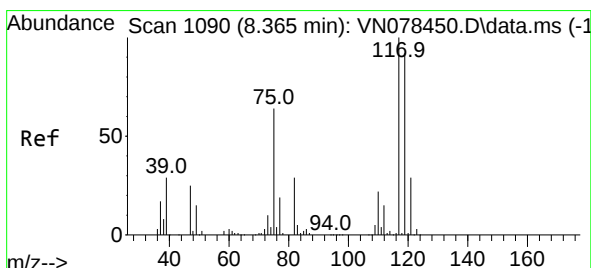
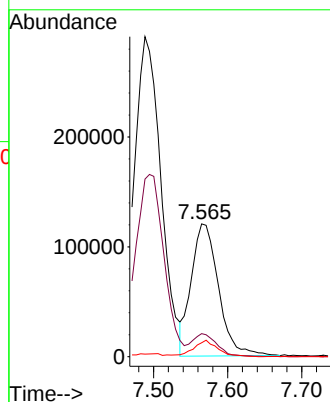
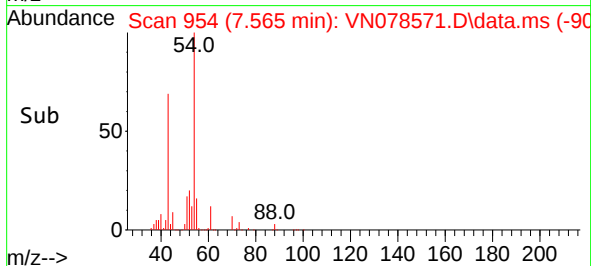
70 11.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#38

Carbon Tetrachloride

Concen: 50.834 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

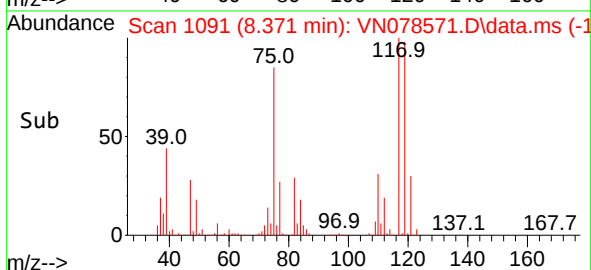
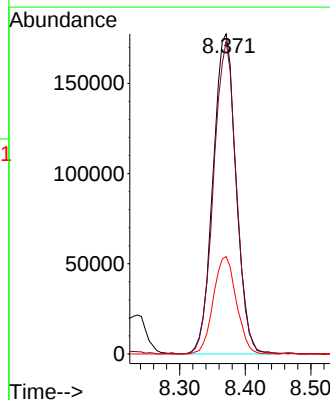
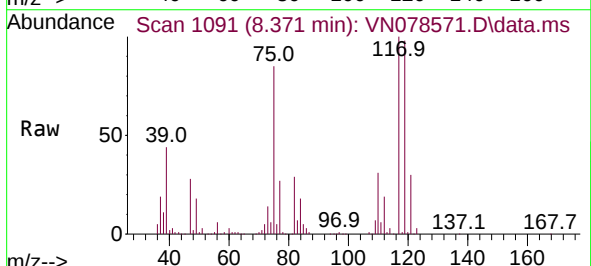
Tgt Ion:117 Resp: 431699

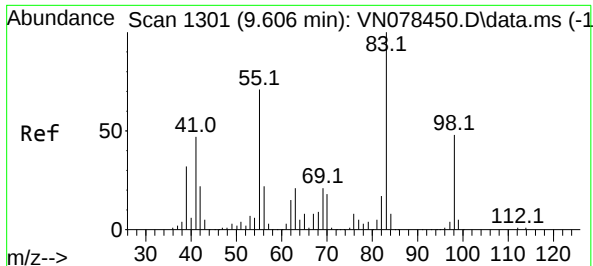
Ion Ratio Lower Upper

117 100

119 97.6 77.3 115.9

121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 51.476 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 36714

Ion Ratio Lower Upper

83 100

55 68.5 49.1 73.7

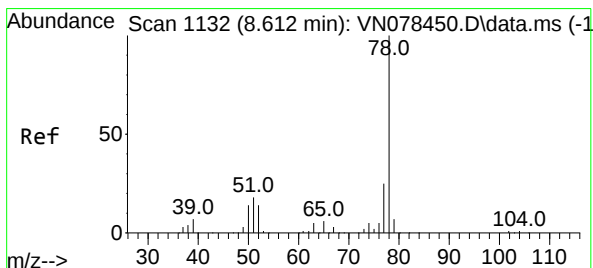
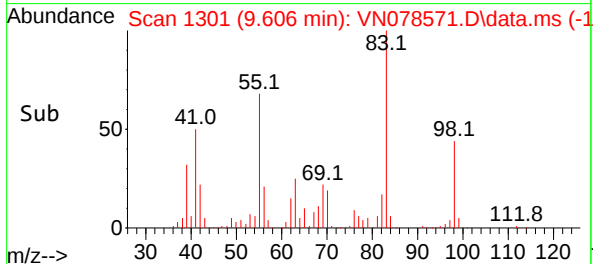
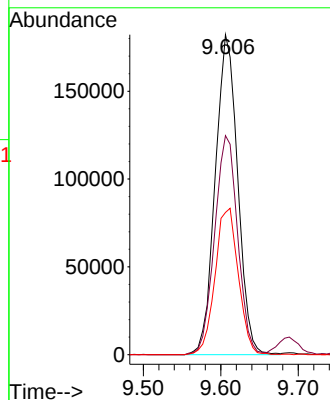
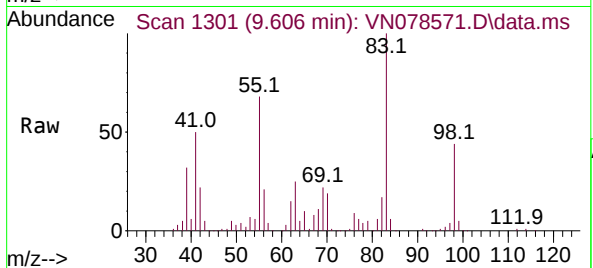
98 44.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#40

Benzene

Concen: 50.927 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078571.D

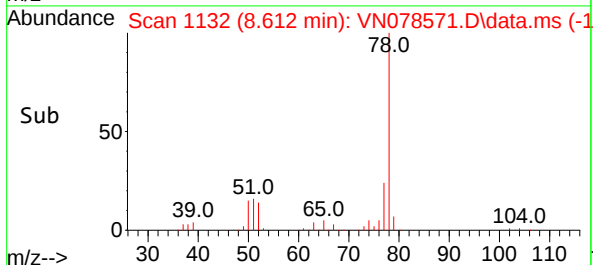
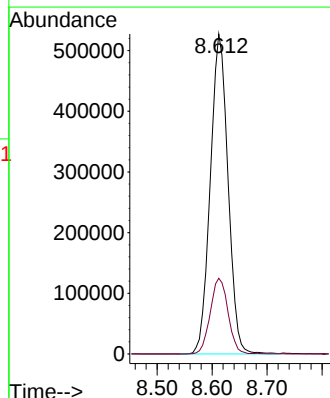
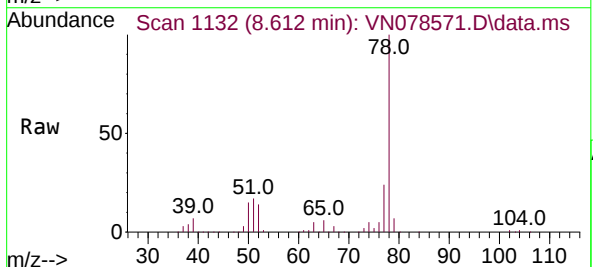
Acq: 19 Jul 2023 10:29

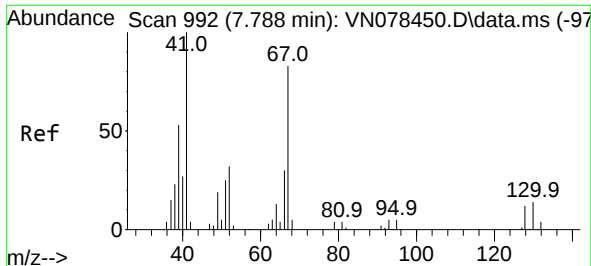
Tgt Ion: 78 Resp: 1178909

Ion Ratio Lower Upper

78 100

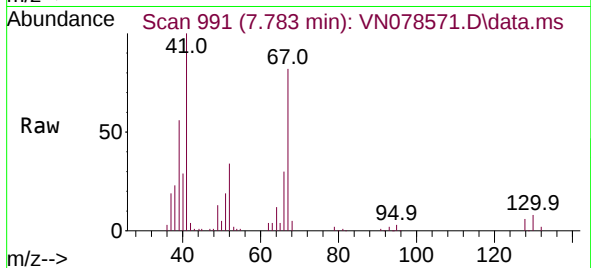
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 49.462 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

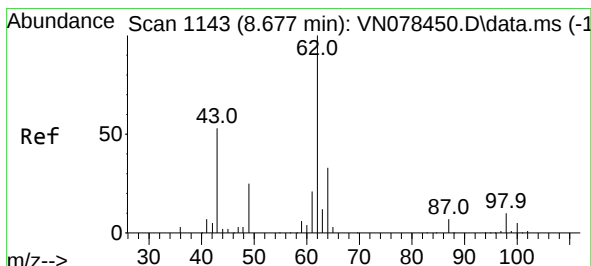
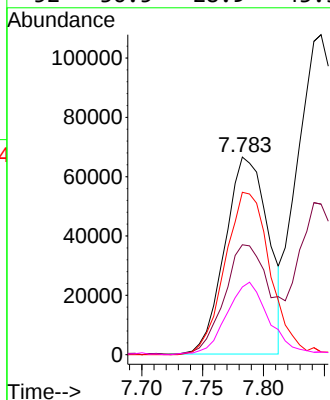
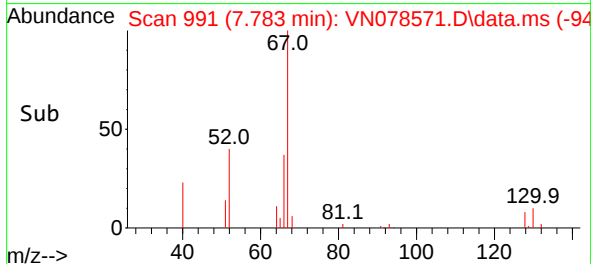
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 164244
Ion Ratio Lower Upper
41 100
39 61.1 42.6 64.0
67 86.9 77.5 116.3
52 36.5 28.9 43.3

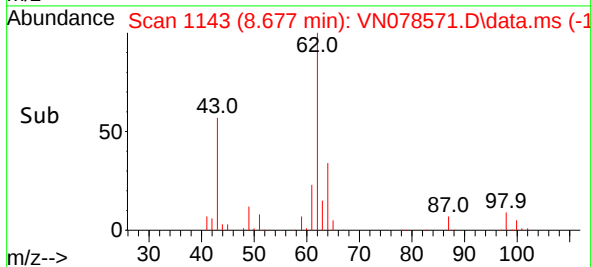
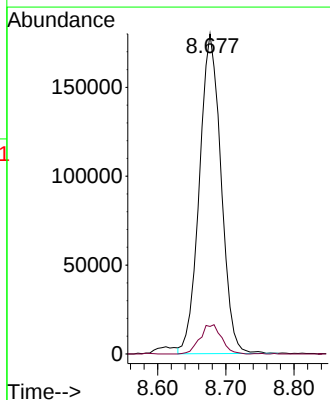
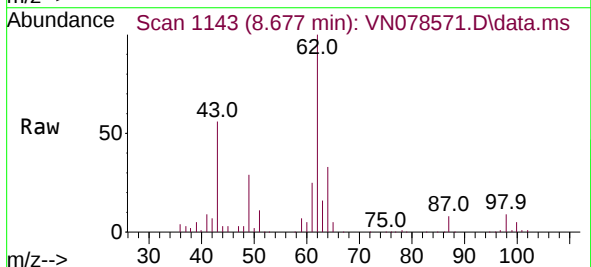
Manual Integrations
APPROVED

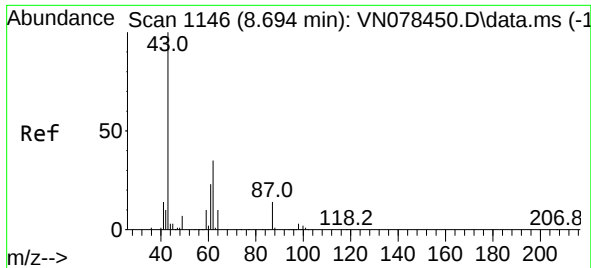
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#42
1,2-Dichloroethane
Concen: 50.406 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

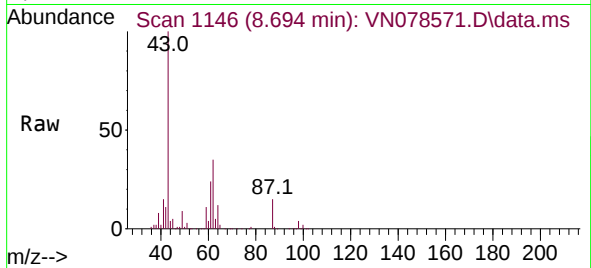
Tgt Ion: 62 Resp: 396887
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 52.382 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

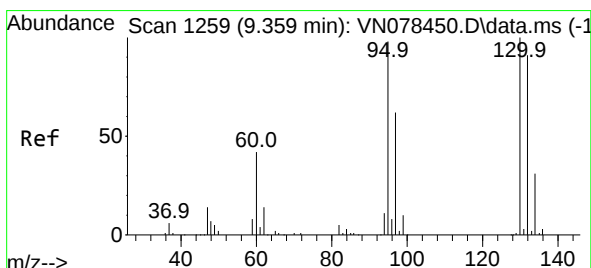
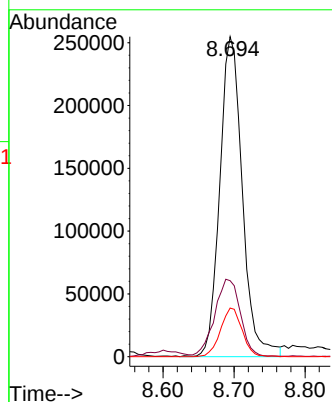
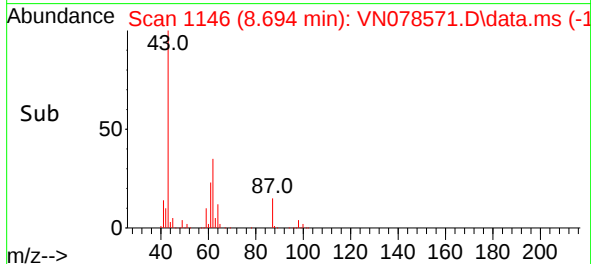
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 561748
Ion Ratio Lower Upper
43 100
61 27.2 24.7 37.1
87 14.5 14.6 21.8

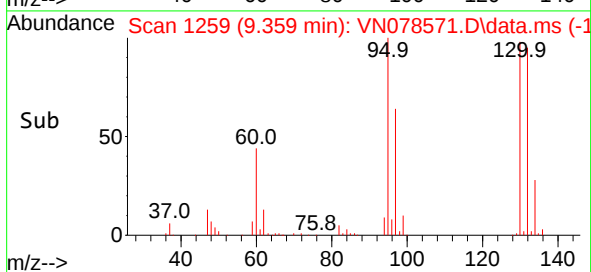
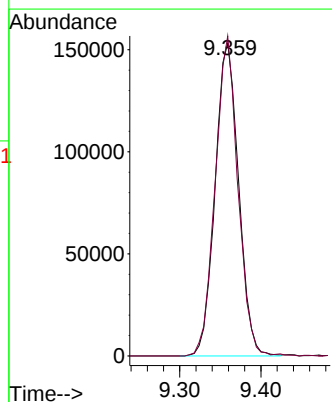
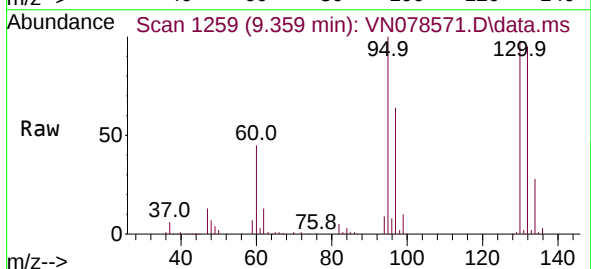
Manual Integrations
APPROVED

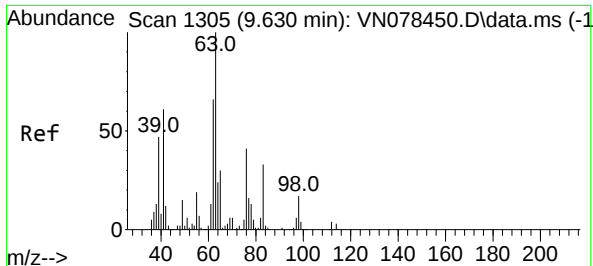
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#44
Trichloroethene
Concen: 49.348 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion:130 Resp: 307886
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.707 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 309020

Ion Ratio Lower Upper

63 100

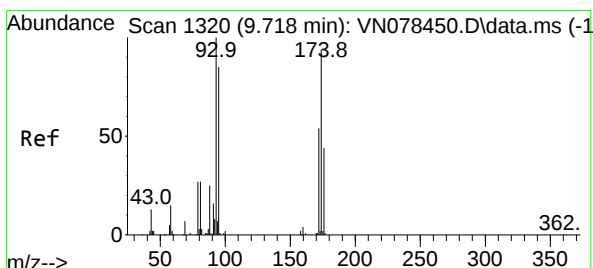
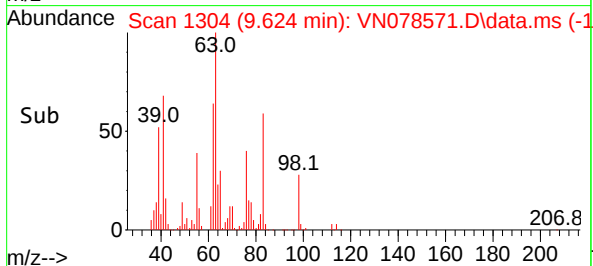
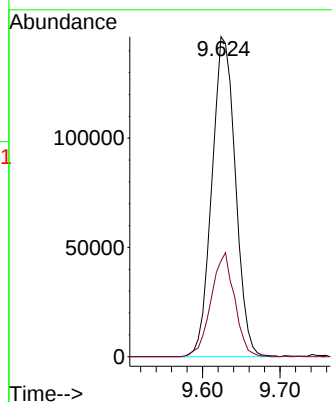
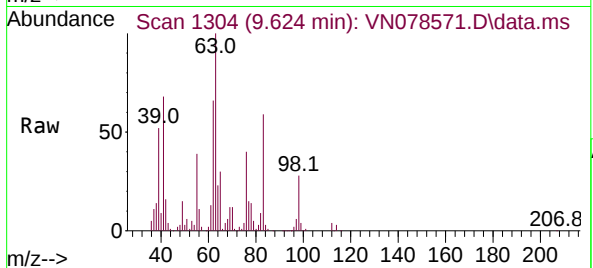
65 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#46

Dibromomethane

Concen: 51.896 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

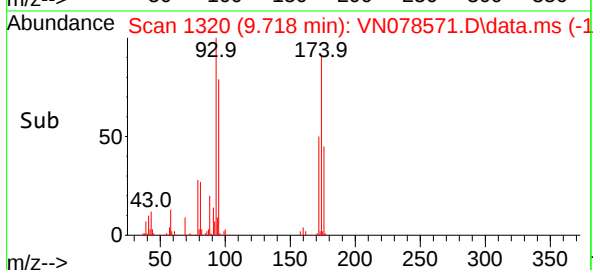
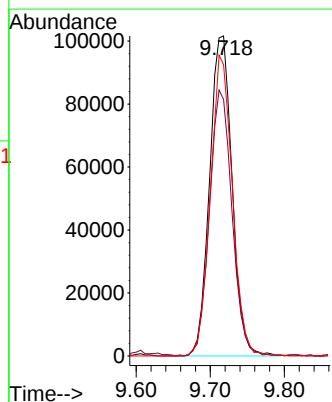
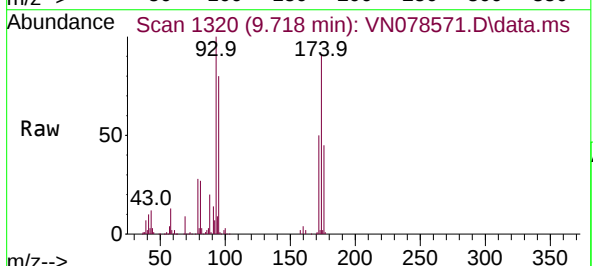
Tgt Ion: 93 Resp: 214153

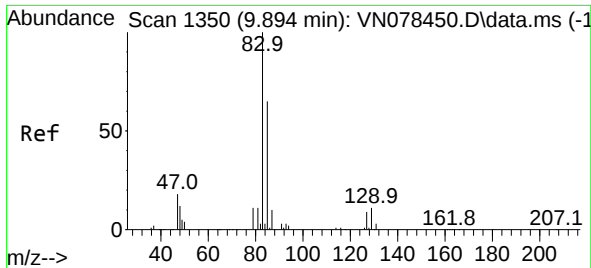
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

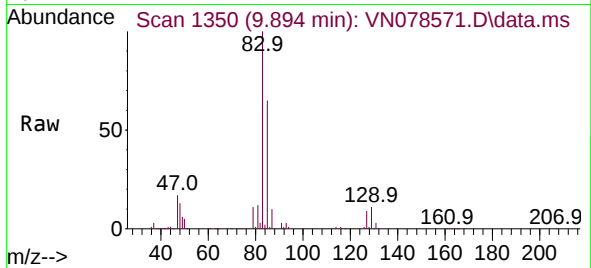
174 92.0 65.6 98.4





#47
Bromodichloromethane
Concen: 52.697 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

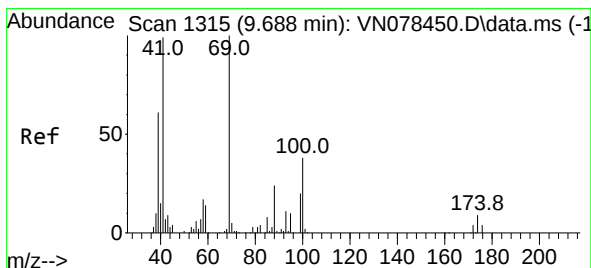
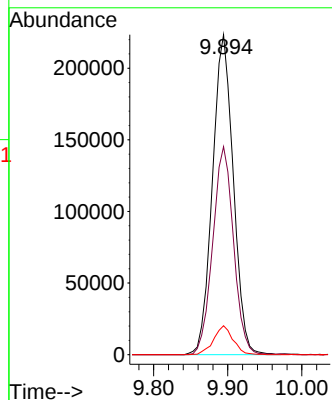
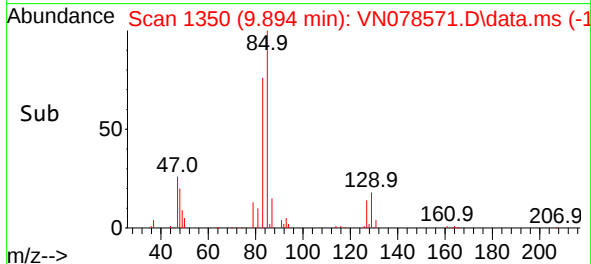
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 435904
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 9.1 7.0 10.6

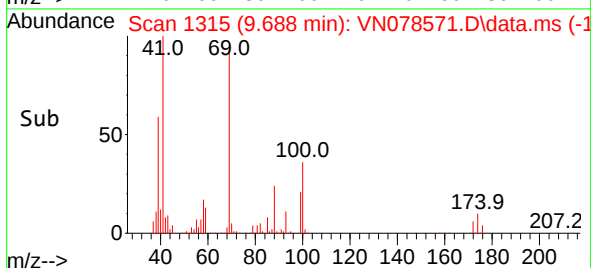
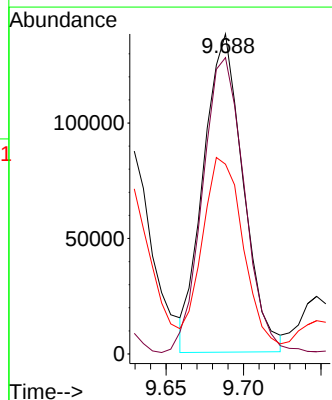
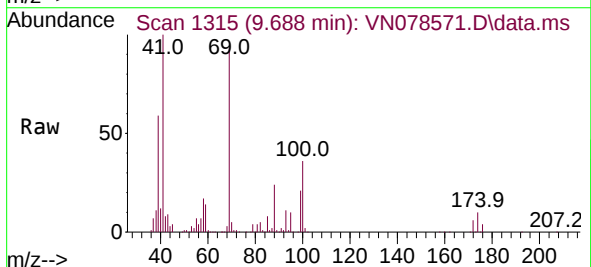
Manual Integrations
APPROVED

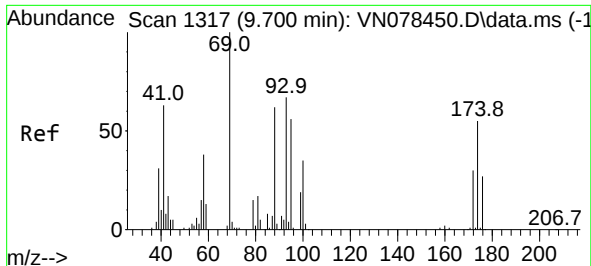
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#48
Methyl methacrylate
Concen: 49.527 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion: 41 Resp: 246066
Ion Ratio Lower Upper
41 100
69 99.4 90.4 135.6
39 65.0 54.6 81.8





#49

1,4-Dioxane

Concen: 923.165 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 100024

Ion Ratio Lower Upper

88 100

43 26.4 17.0 25.6

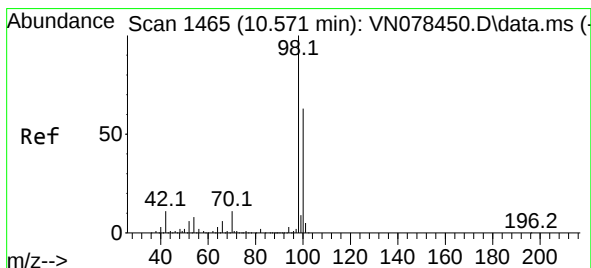
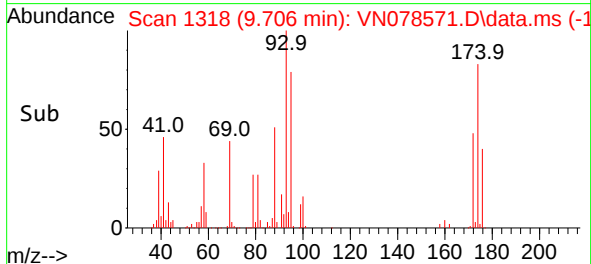
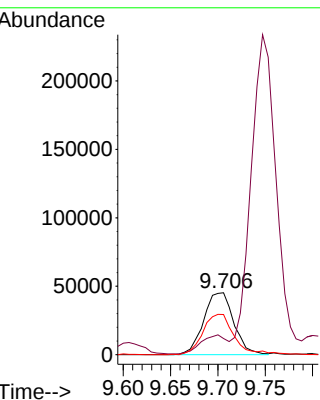
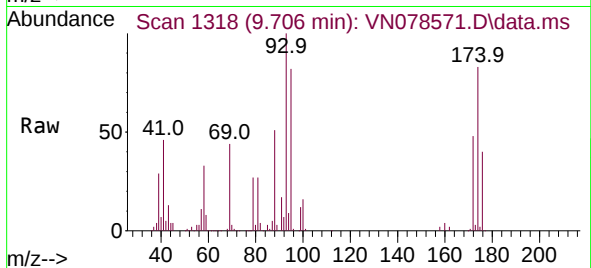
58 68.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#50

Toluene-d8

Concen: 52.581 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078571.D

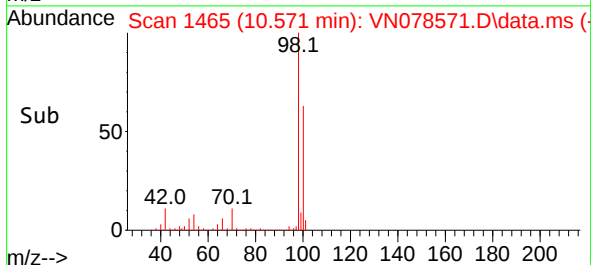
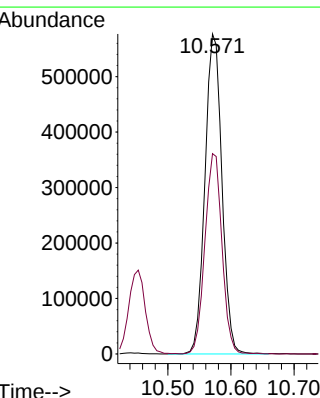
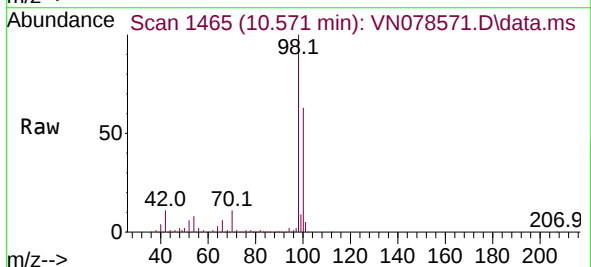
Acq: 19 Jul 2023 10:29

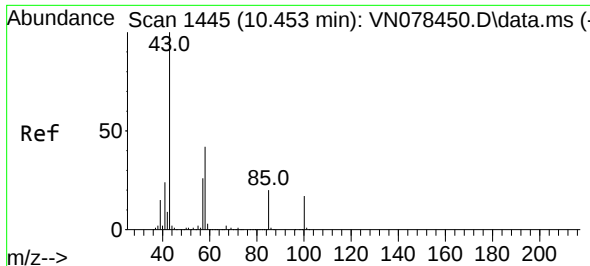
Tgt Ion: 98 Resp: 1074922

Ion Ratio Lower Upper

98 100

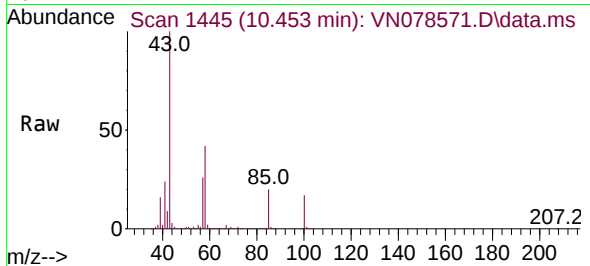
100 63.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 252.721 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

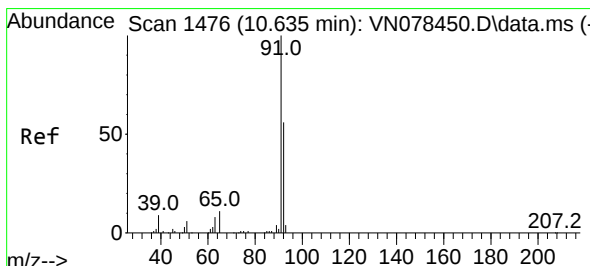
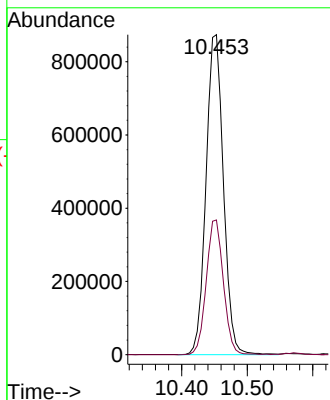
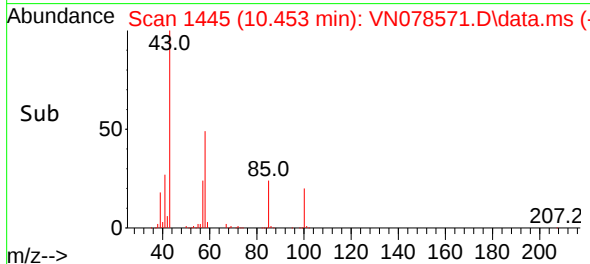
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



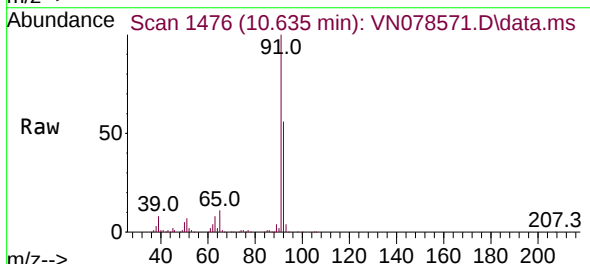
Tgt Ion: 43 Resp: 1612035
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

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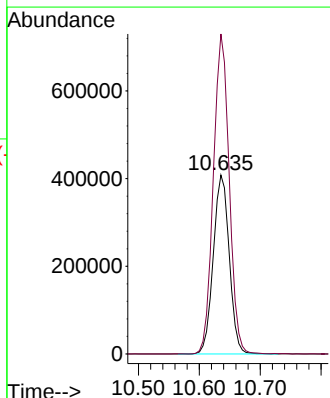
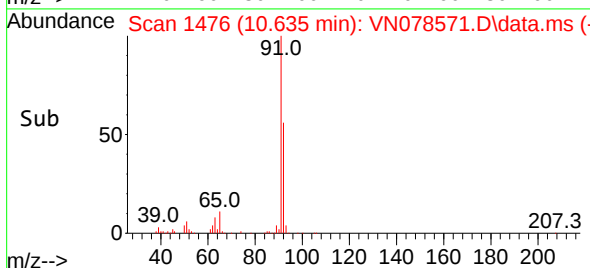
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

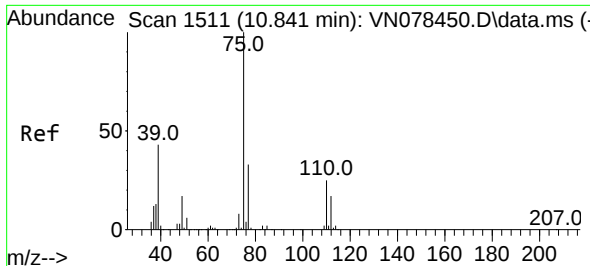


#52
Toluene
Concen: 51.768 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



Tgt Ion: 92 Resp: 742713
Ion Ratio Lower Upper
92 100
91 177.4 137.4 206.0





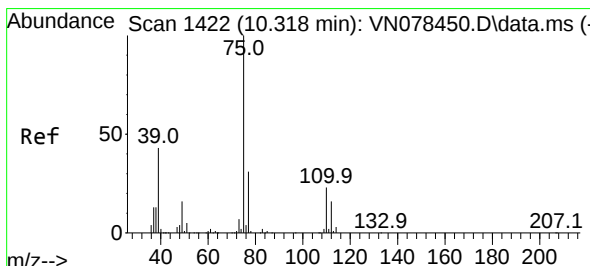
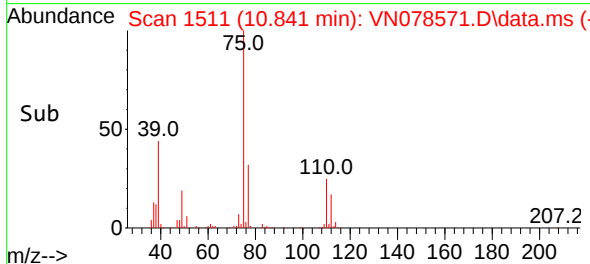
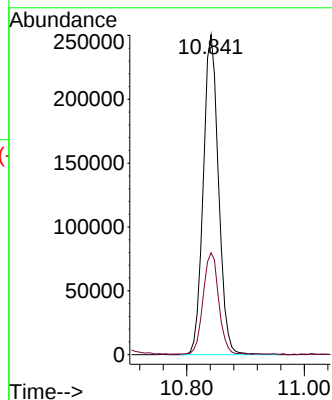
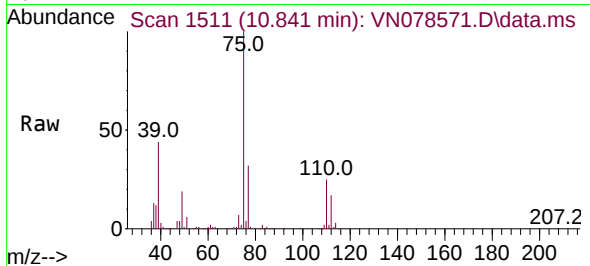
#53
t-1,3-Dichloropropene
Concen: 53.429 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 452775
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

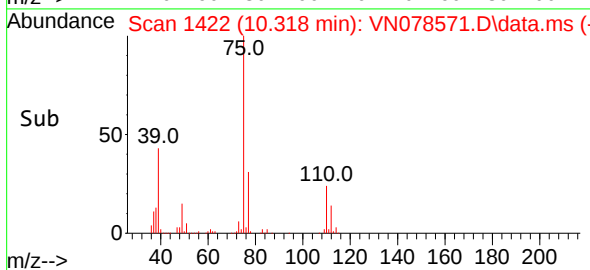
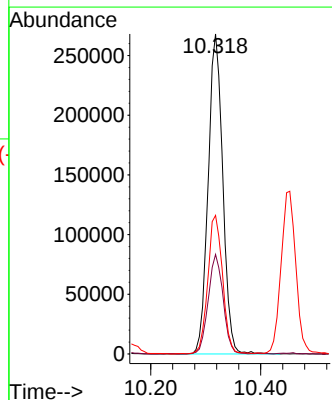
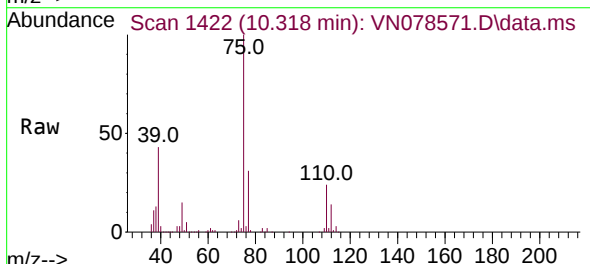
Manual Integrations
APPROVED

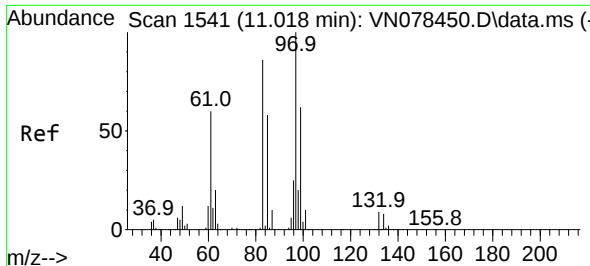
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#54
cis-1,3-Dichloropropene
Concen: 54.780 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

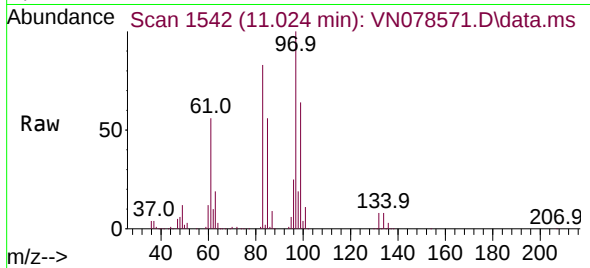
Tgt Ion: 75 Resp: 494833
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 43.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.542 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

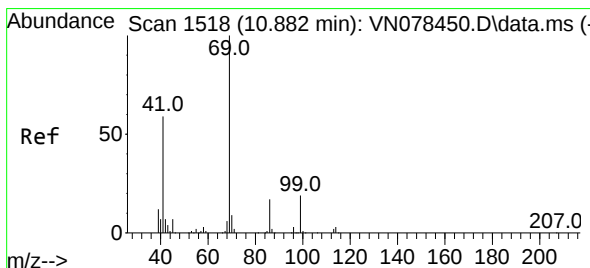
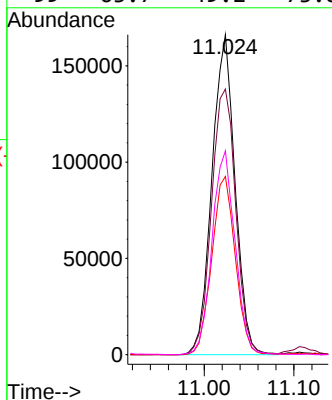
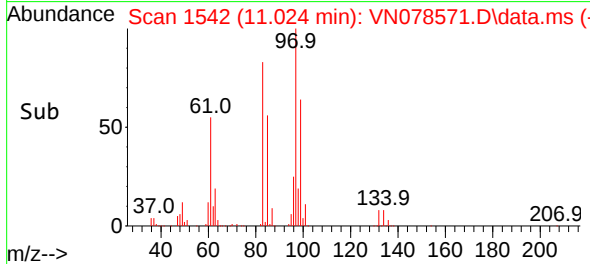
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 297000
Ion Ratio Lower Upper
97 100
83 83.0 65.1 97.7
85 55.7 43.4 65.2
99 63.7 49.2 73.8

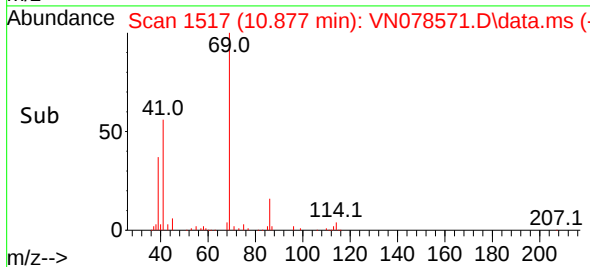
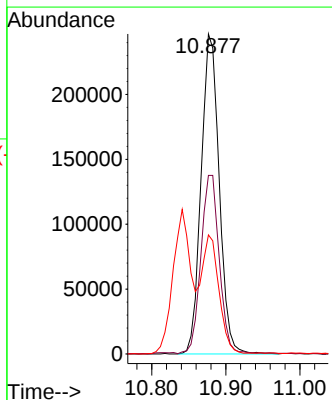
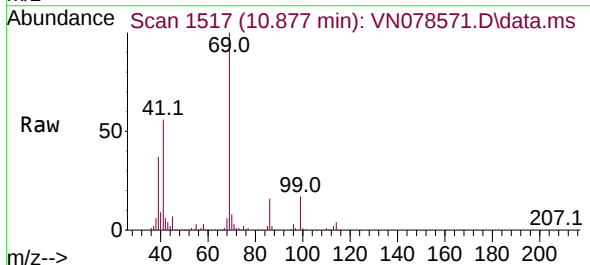
Manual Integrations
APPROVED

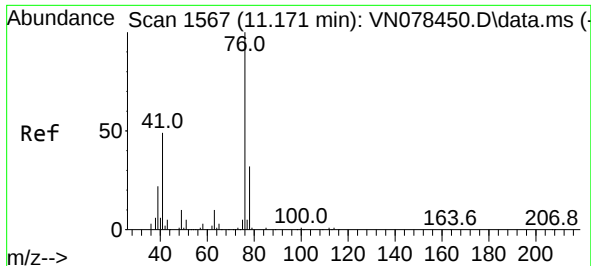
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#56
Ethyl methacrylate
Concen: 52.803 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion: 69 Resp: 417241
Ion Ratio Lower Upper
69 100
41 56.4 39.6 59.4
39 36.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.584 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 495780

Ion Ratio Lower Upper

76 100

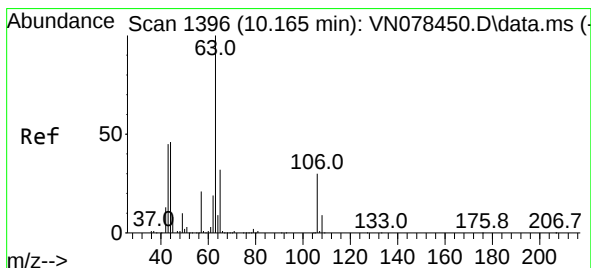
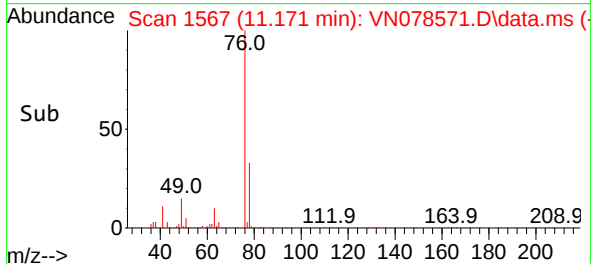
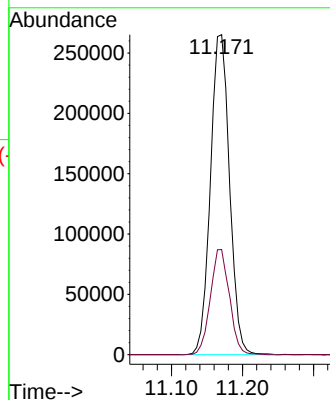
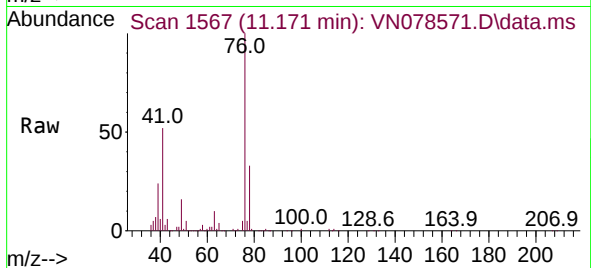
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.405 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078571.D

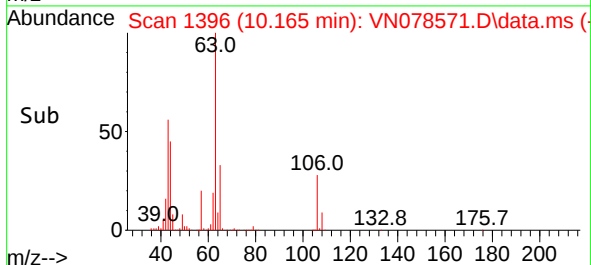
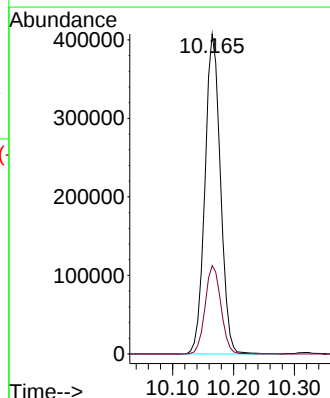
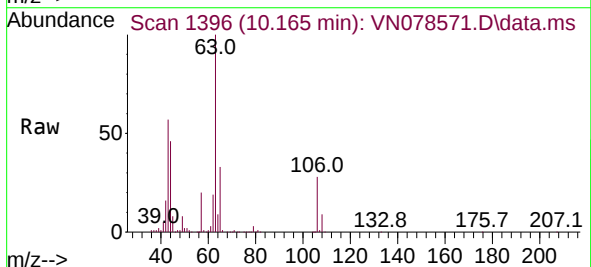
Acq: 19 Jul 2023 10:29

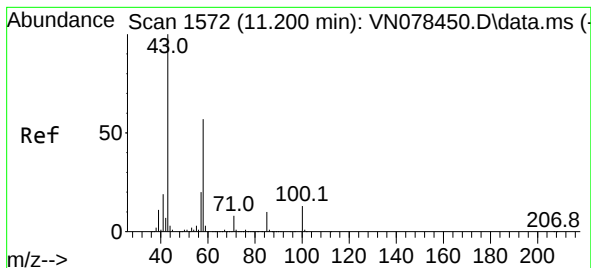
Tgt Ion: 63 Resp: 719220

Ion Ratio Lower Upper

63 100

106 28.1 26.2 39.4





#59

2-Hexanone

Concen: 250.311 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 113476

Ion Ratio Lower Upper

43 100

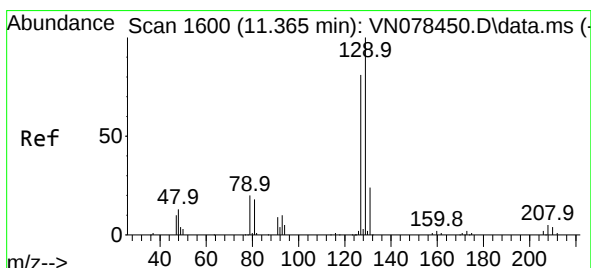
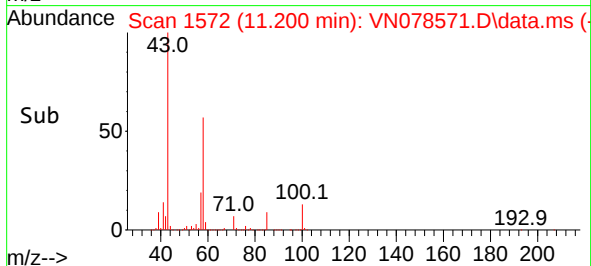
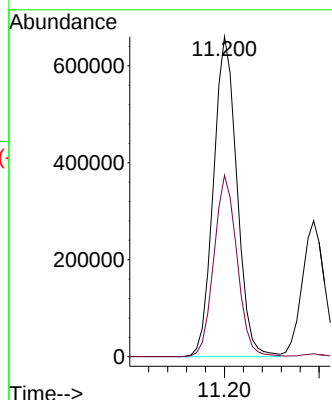
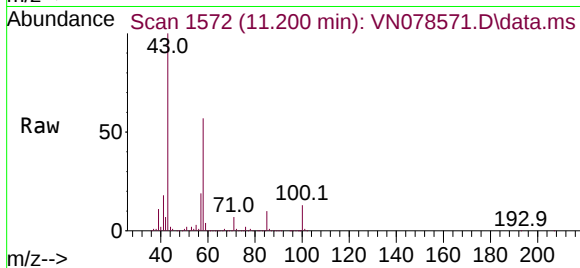
58 56.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#60

Dibromochloromethane

Concen: 61.317 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VN078571.D

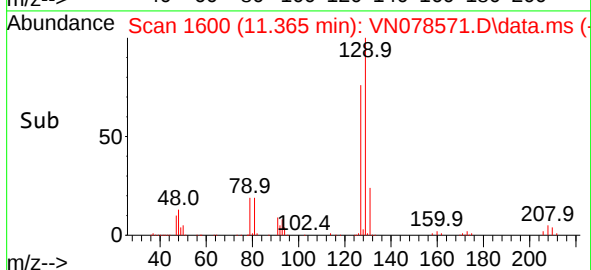
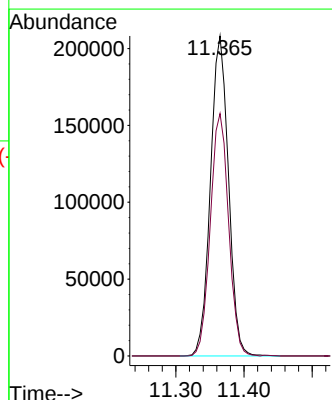
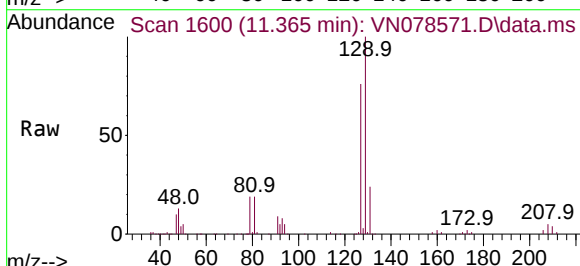
Acq: 19 Jul 2023 10:29

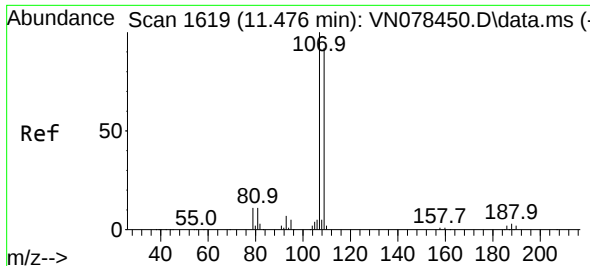
Tgt Ion:129 Resp: 382648

Ion Ratio Lower Upper

129 100

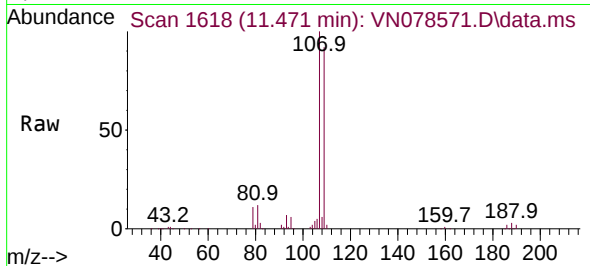
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 57.508 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

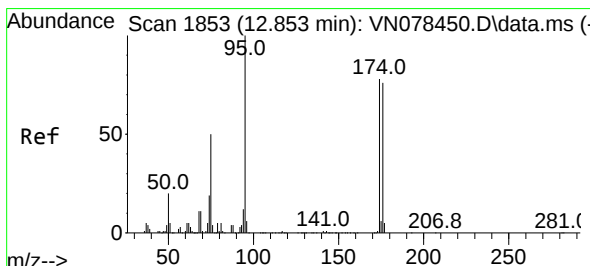
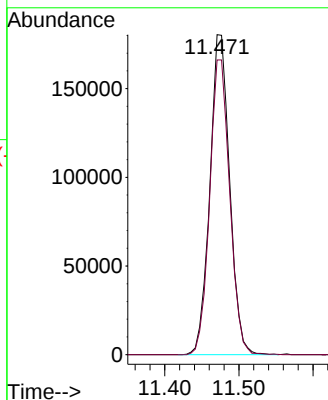
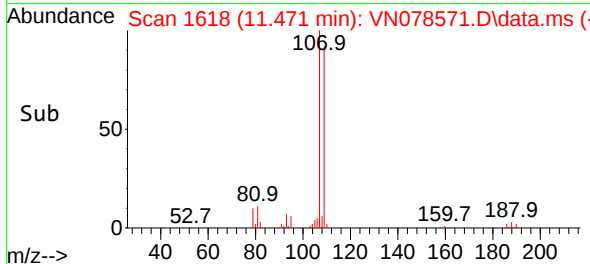
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



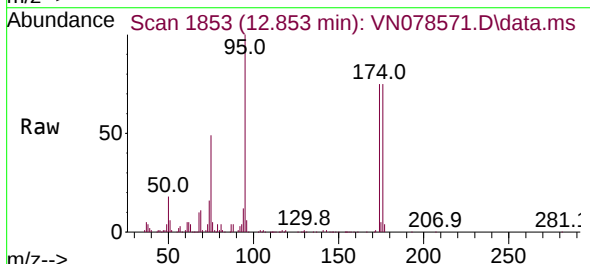
Tgt Ion:107 Resp: 334870
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

Manual Integrations
APPROVED

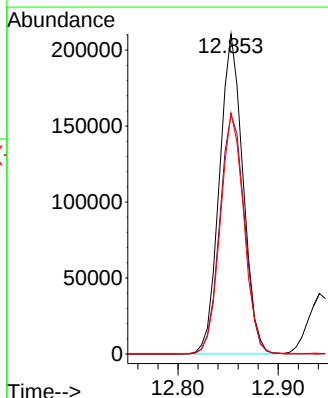
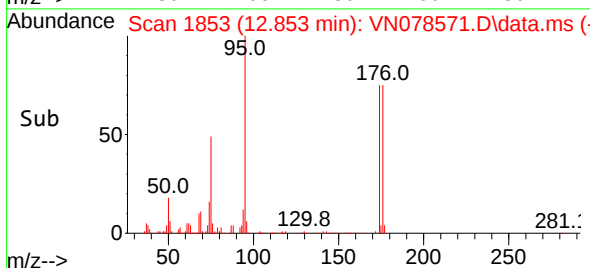
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

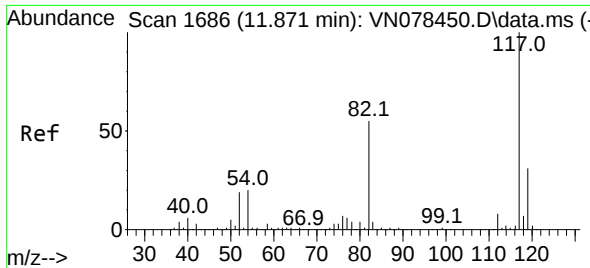


#62
4-Bromofluorobenzene
Concen: 54.447 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



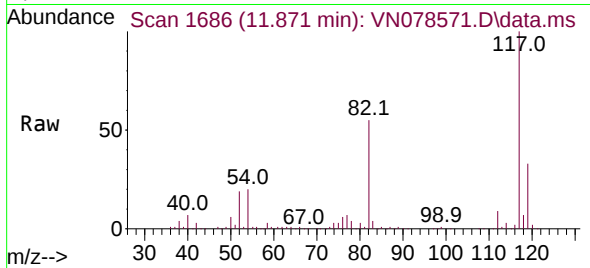
Tgt Ion: 95 Resp: 342845
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 75.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

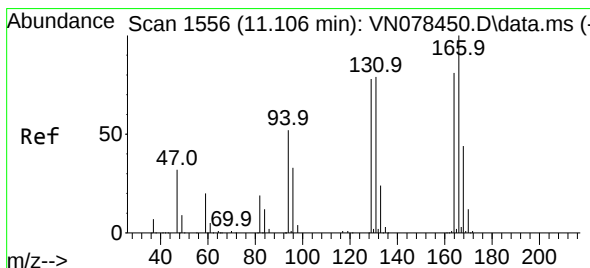
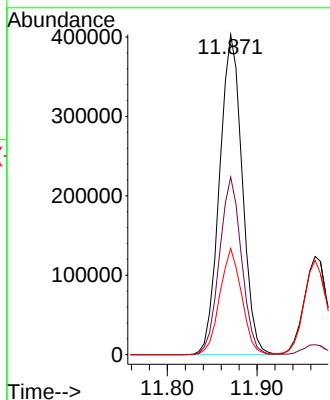
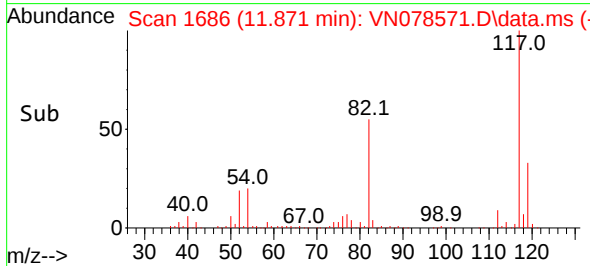
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 707760
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 33.2 25.6 38.4

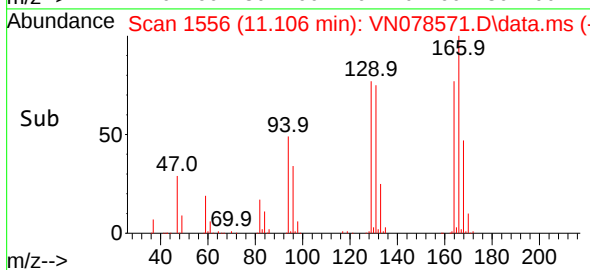
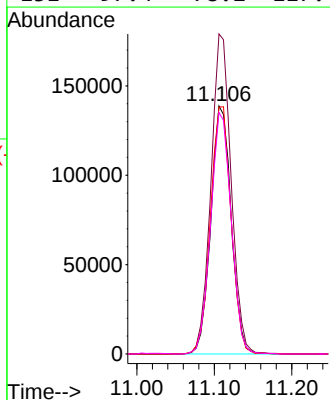
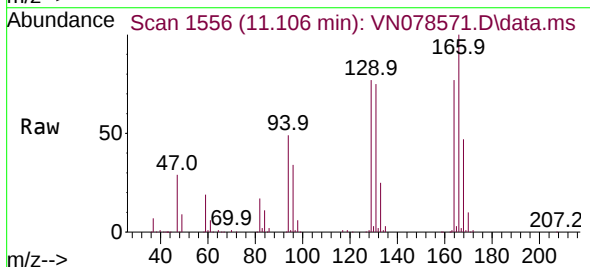
Manual Integrations
APPROVED

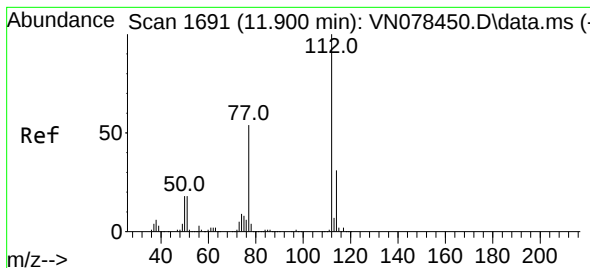
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#64
Tetrachloroethene
Concen: 47.453 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

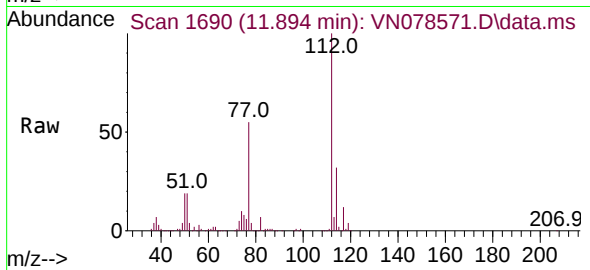
Tgt Ion:164 Resp: 252503
Ion Ratio Lower Upper
164 100
166 129.1 101.4 152.0
129 99.6 82.4 123.6
131 97.4 78.2 117.4





#65
Chlorobenzene
Concen: 50.586 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

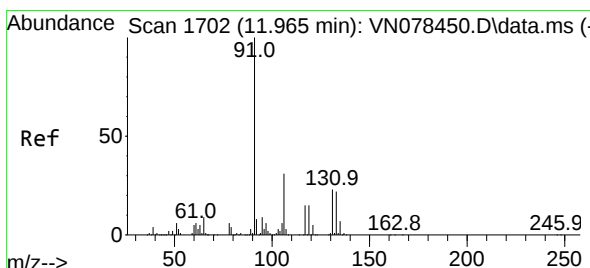
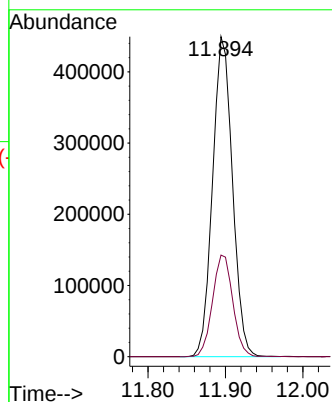
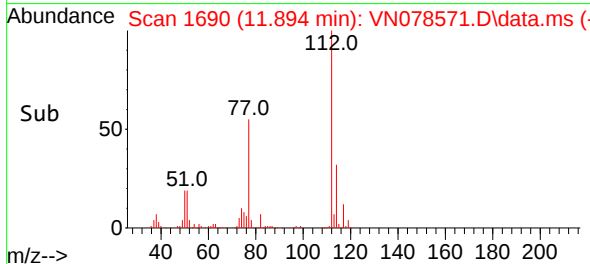
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



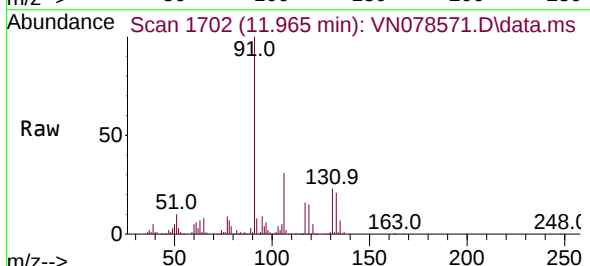
Tgt Ion:112 Resp: 80027
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

Manual Integrations
APPROVED

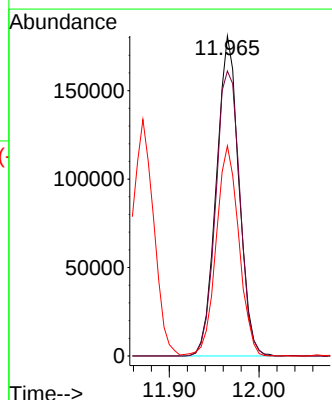
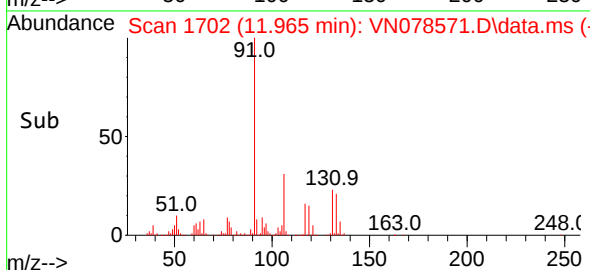
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

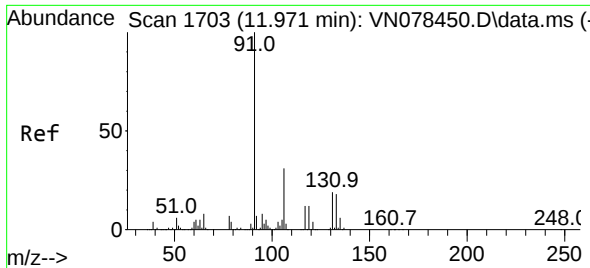


#66
1,1,1,2-Tetrachloroethane
Concen: 51.832 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



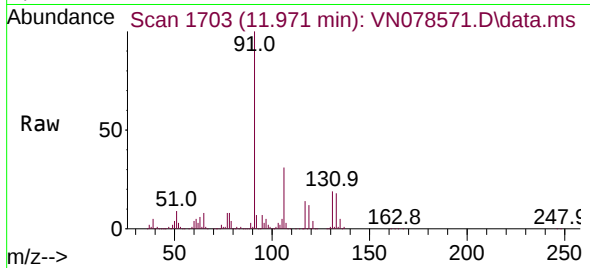
Tgt Ion:131 Resp: 315451
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 66.2 34.1 102.2





#67
Ethyl Benzene
Concen: 53.184 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

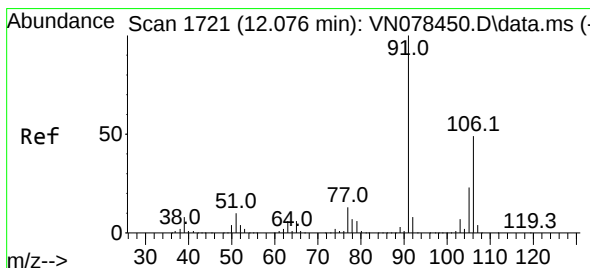
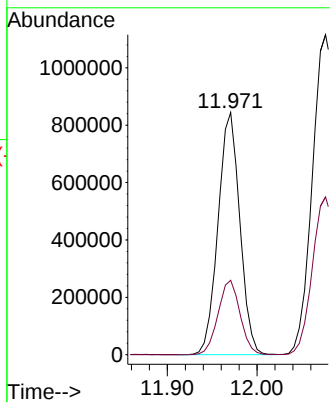
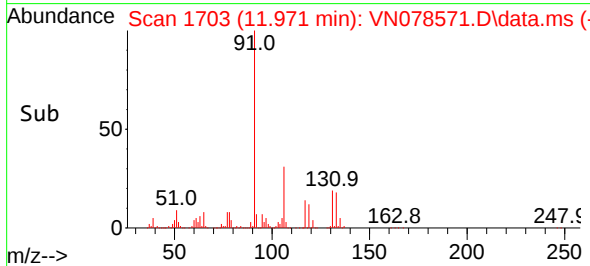
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



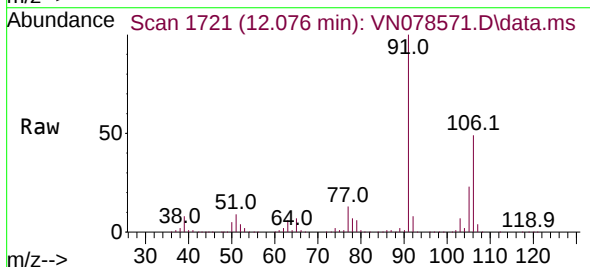
Tgt Ion: 91 Resp: 1422198
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

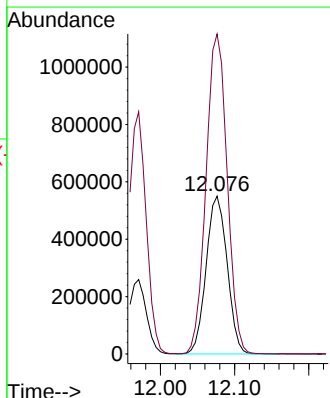
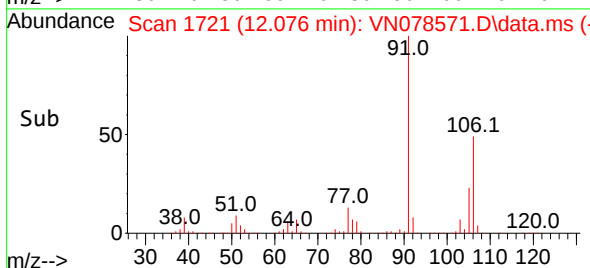
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

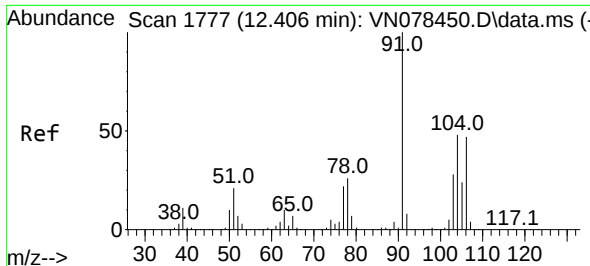


#68
m/p-Xylenes
Concen: 109.527 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



Tgt Ion:106 Resp: 1082897
Ion Ratio Lower Upper
106 100
91 204.1 159.6 239.4





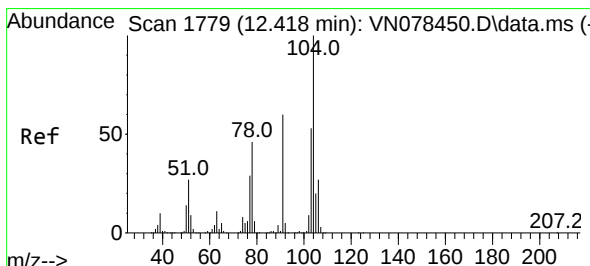
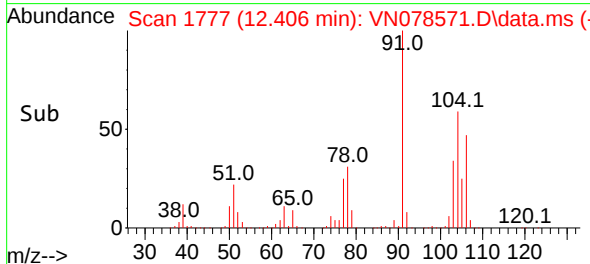
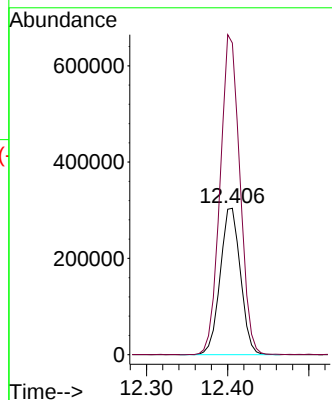
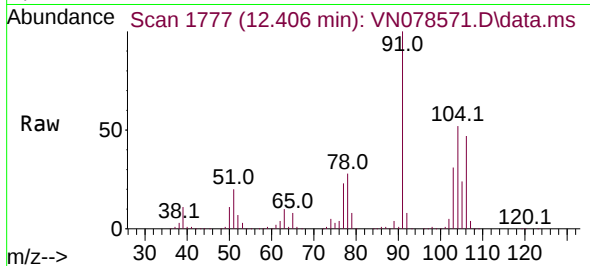
#69
o-Xylene
Concen: 52.868 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 527960
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.5

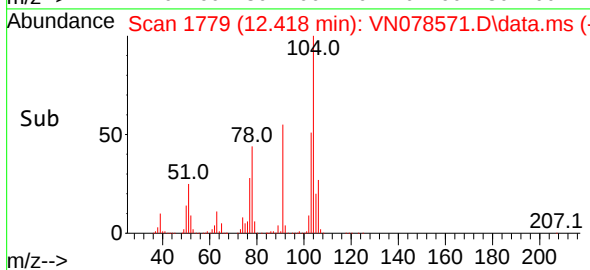
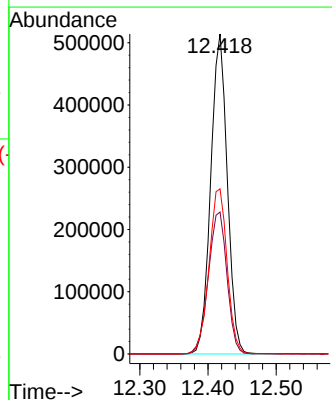
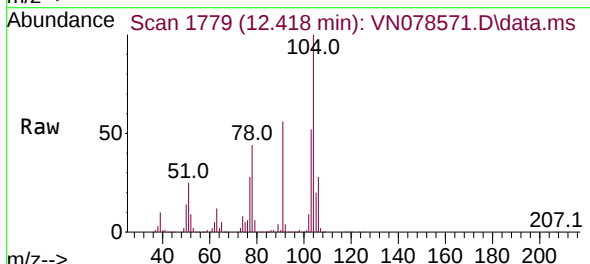
Manual Integrations
APPROVED

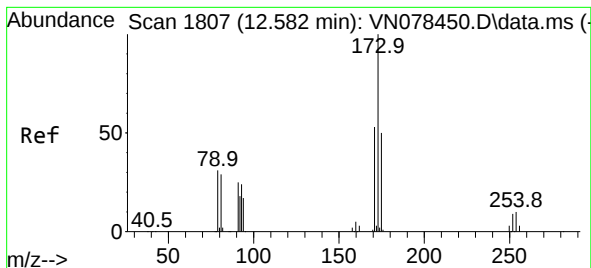
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#70
Styrene
Concen: 55.742 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion:104 Resp: 870886
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.4 43.2 64.8





#71

Bromoform

Concen: 54.377 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 224130

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

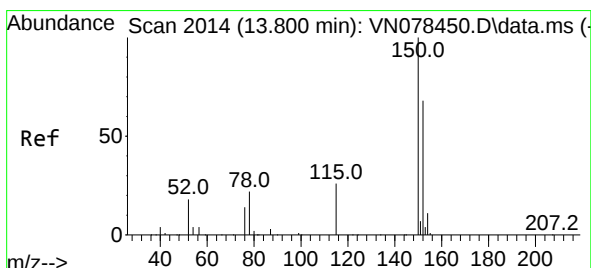
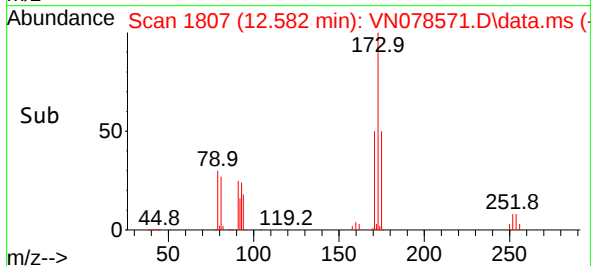
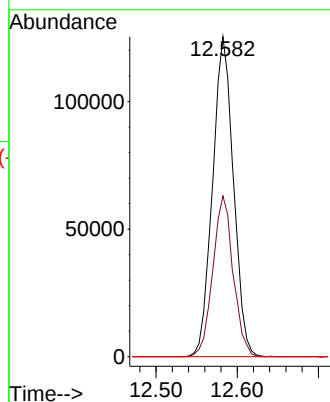
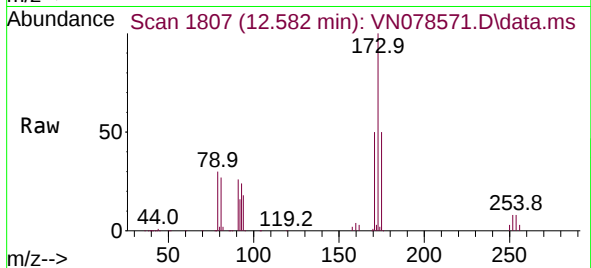
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078571.D

Acq: 19 Jul 2023 10:29

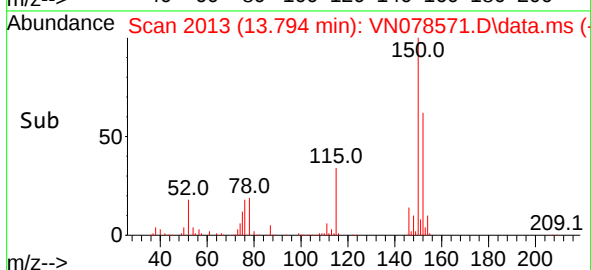
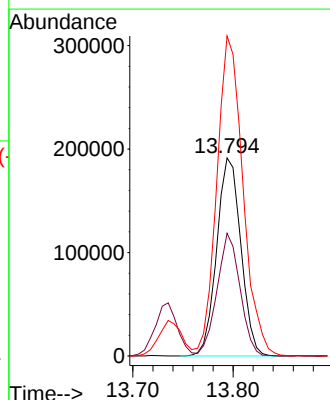
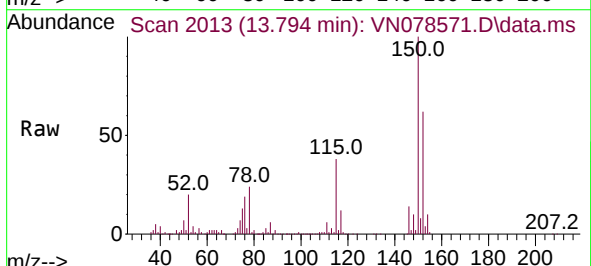
Tgt Ion:152 Resp: 320023

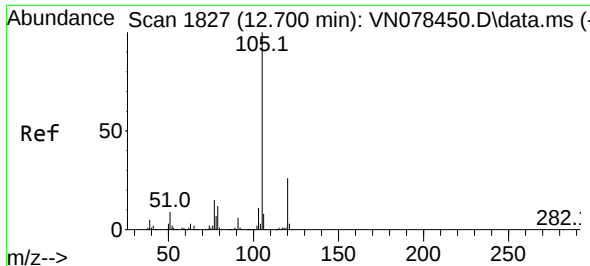
Ion Ratio Lower Upper

152 100

115 59.1 32.3 96.8

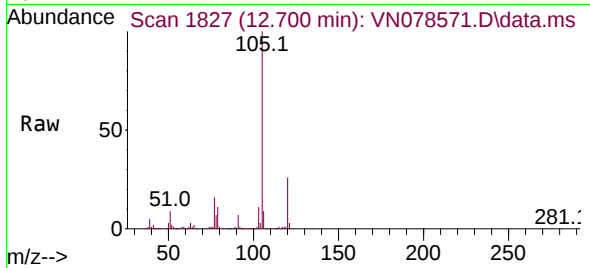
150 175.0 0.0 355.8





#73
Isopropylbenzene
Concen: 44.445 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

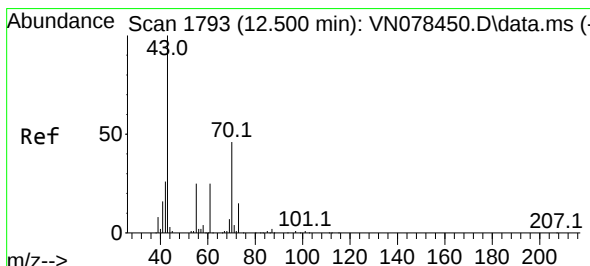
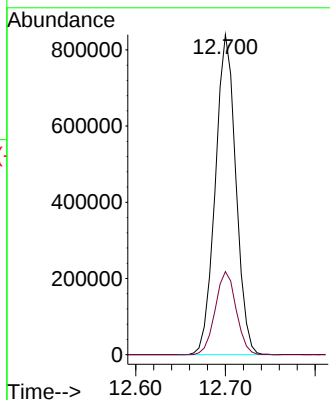
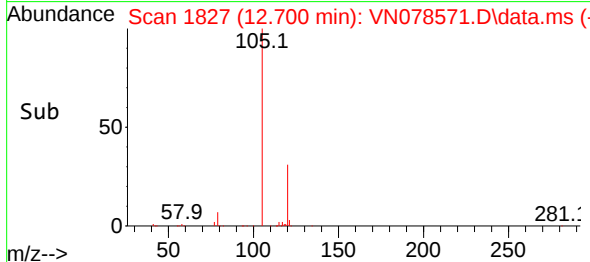
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



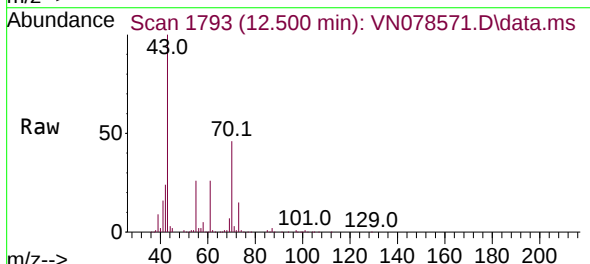
Tgt Ion:105 Resp: 1336504
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

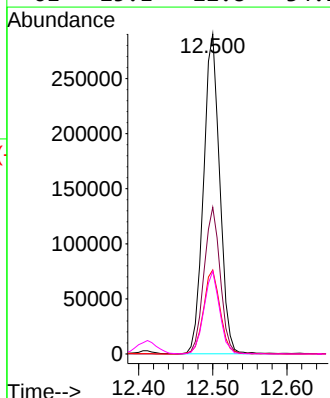
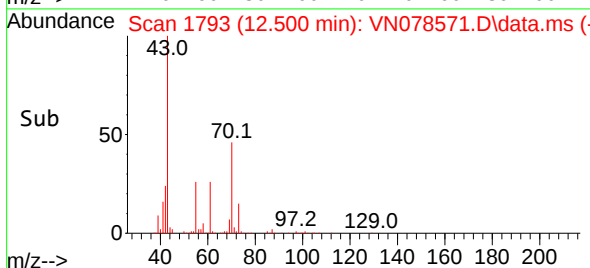
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

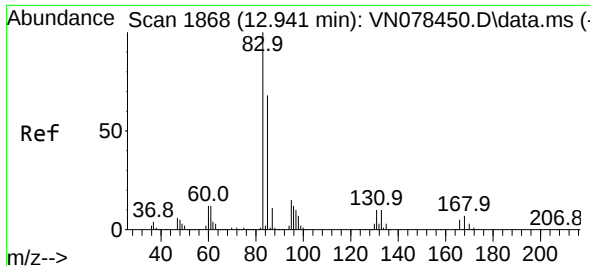


#74
N-ethyl acetate
Concen: 42.503 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



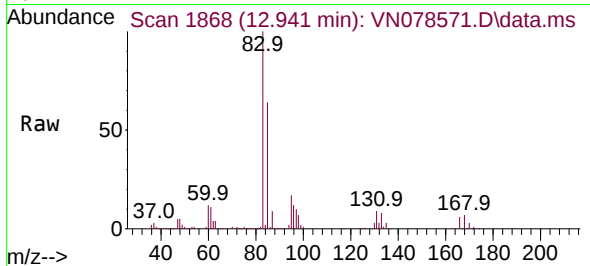
Tgt Ion: 43 Resp: 440458
Ion Ratio Lower Upper
43 100
70 46.0 43.4 65.2
55 26.8 21.4 32.0
61 25.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.898 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

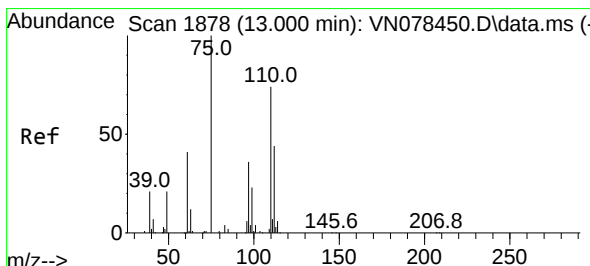
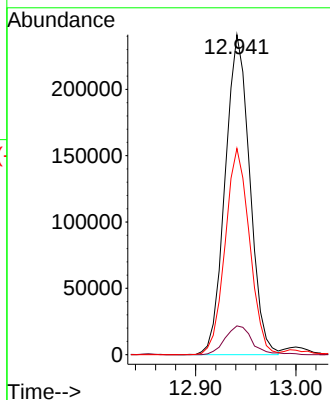
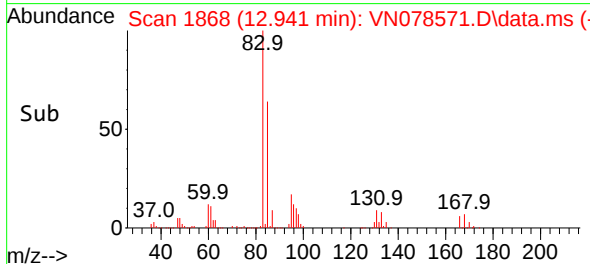
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



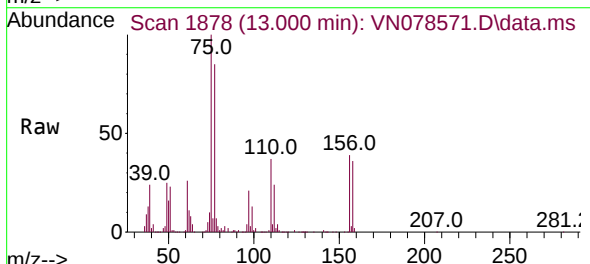
Tgt Ion: 83 Resp: 411260
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.0 31.9 95.7

Manual Integrations
APPROVED

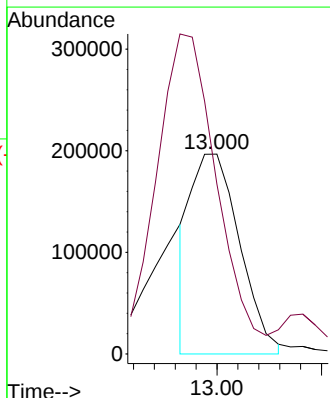
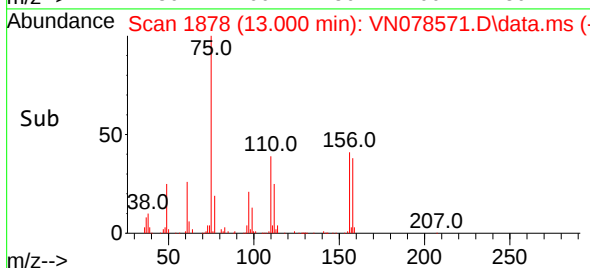
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

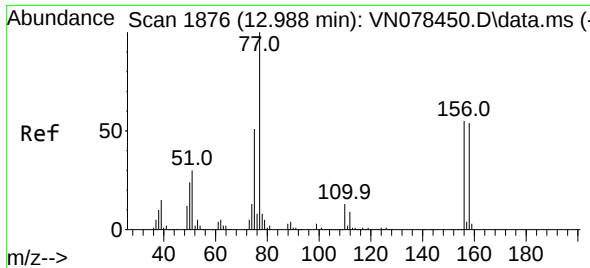


#76
1,2,3-Trichloropropane
Concen: 41.178 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



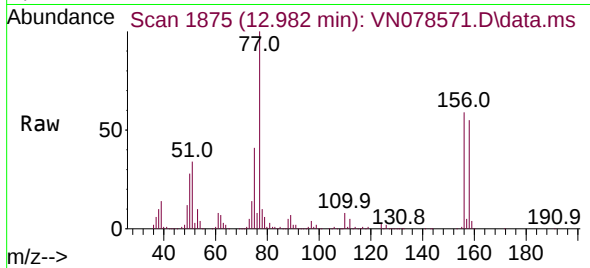
Tgt Ion: 75 Resp: 318526
Ion Ratio Lower Upper
75 100
77 200.6 84.5 253.5





#77
Bromobenzene
Concen: 48.936 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

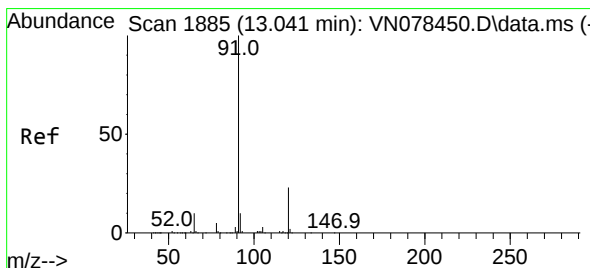
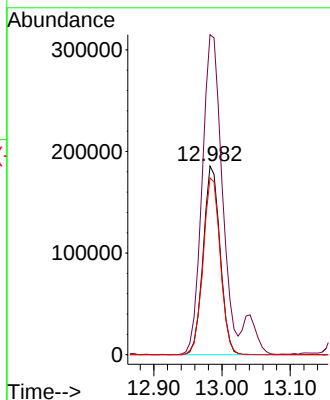
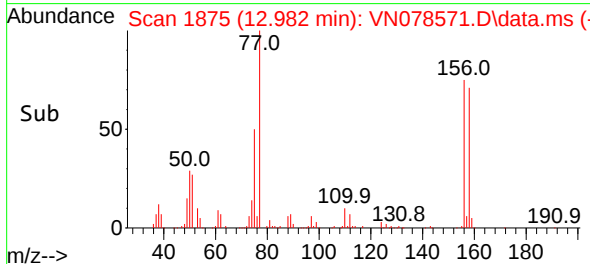
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



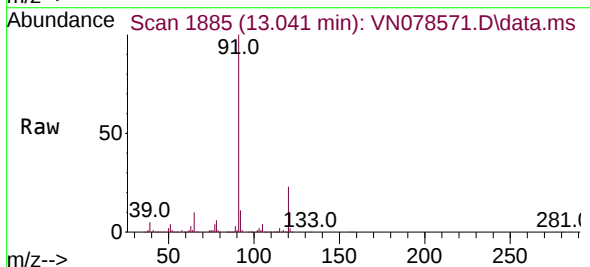
Tgt Ion:156 Resp: 320228
Ion Ratio Lower Upper
156 100
77 199.6 107.7 323.3
158 95.1 48.4 145.3

Manual Integrations
APPROVED

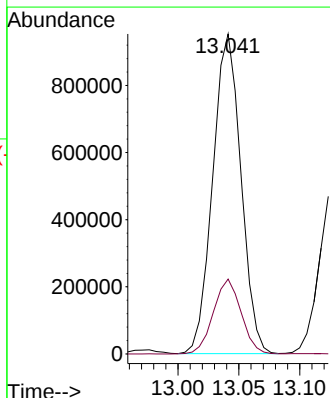
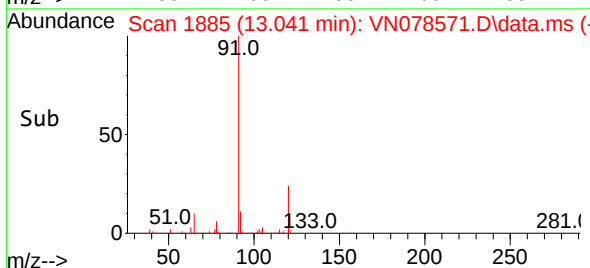
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

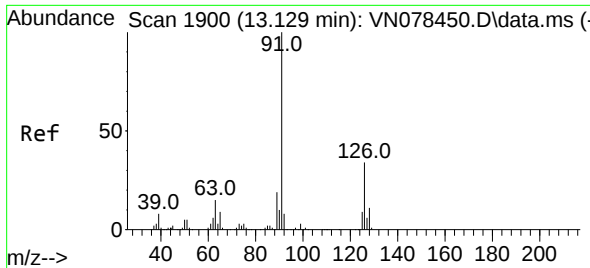


#78
n-propylbenzene
Concen: 47.668 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



Tgt Ion: 91 Resp: 1532959
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





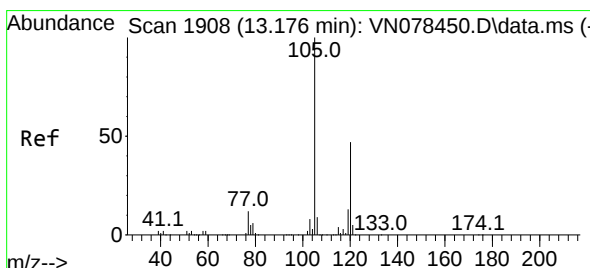
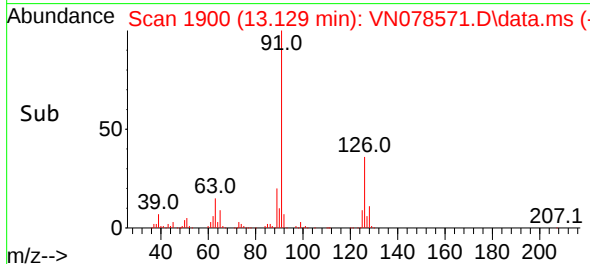
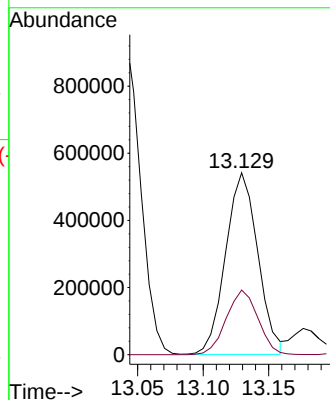
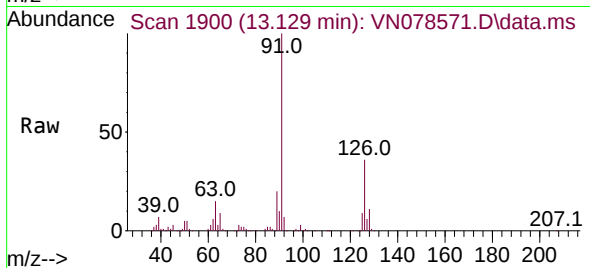
#79
2-Chlorotoluene
Concen: 43.885 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 924429
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

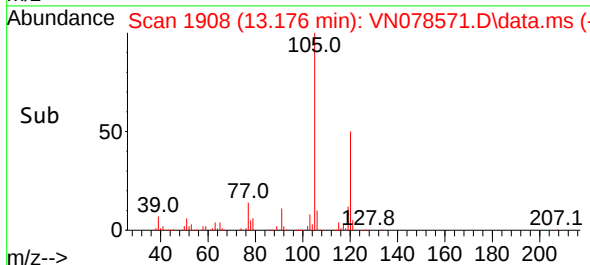
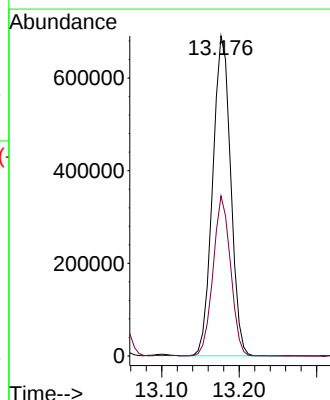
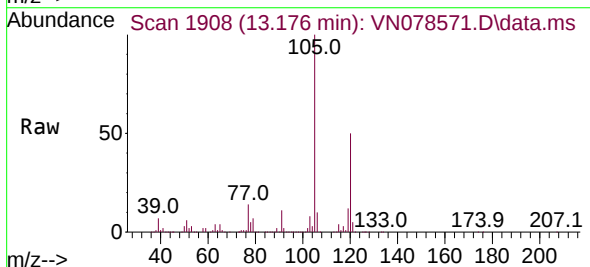
Manual Integrations
APPROVED

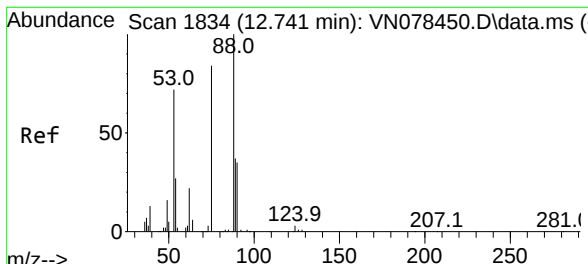
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.876 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

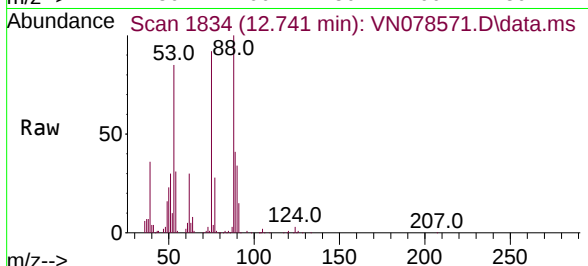
Tgt Ion:105 Resp: 1113765
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 40.121 ug/l
RT: 12.741 min Scan# 11810
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

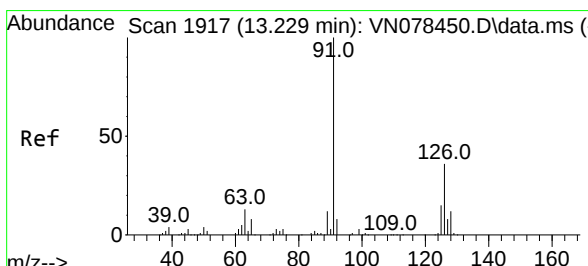
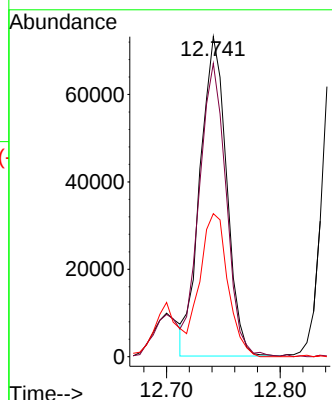
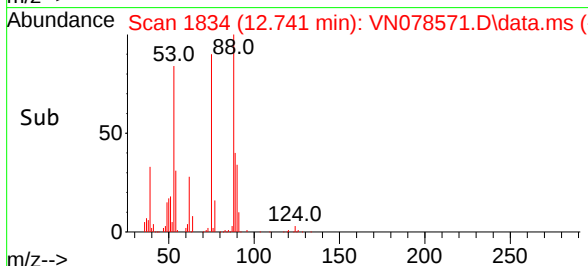
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 11810
Ion Ratio Lower Upper
75 100
53 93.2 67.4 101.2
89 46.9 38.8 58.2

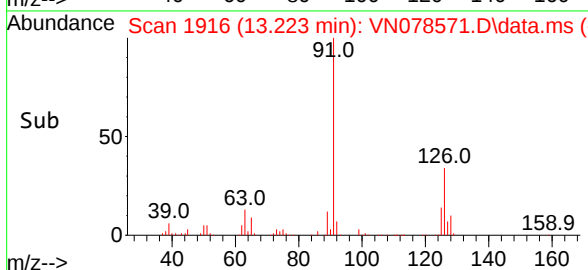
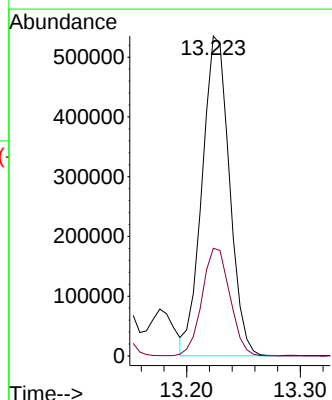
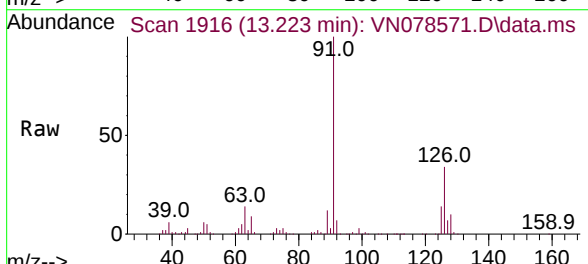
Manual Integrations
APPROVED

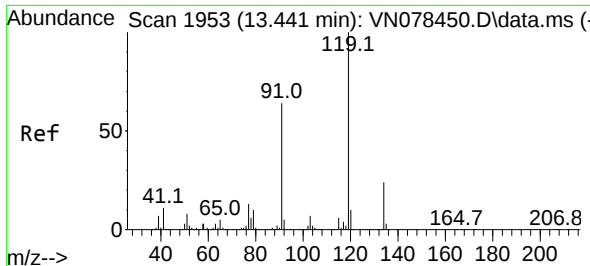
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#82
4-Chlorotoluene
Concen: 45.584 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

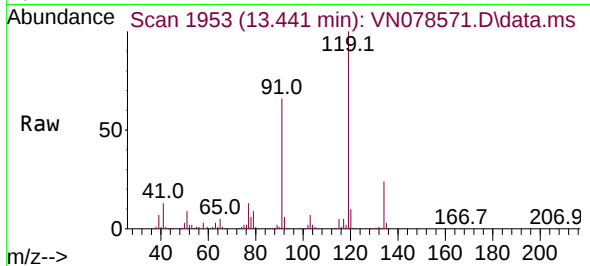
Tgt Ion: 91 Resp: 895752
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 46.445 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

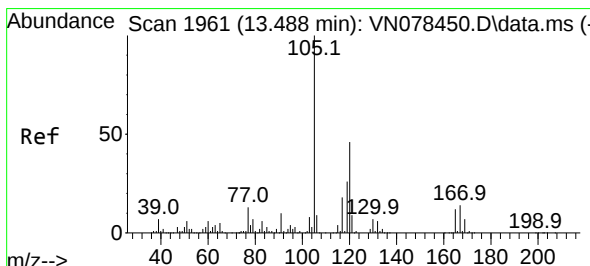
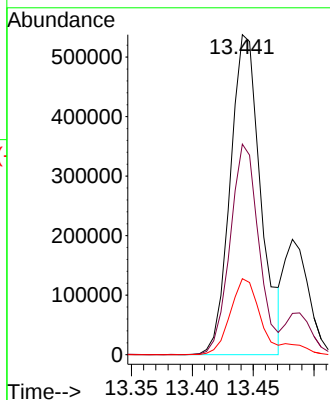
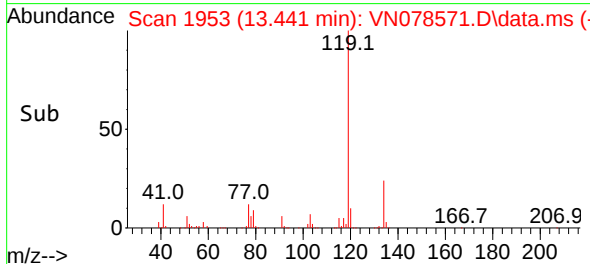
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



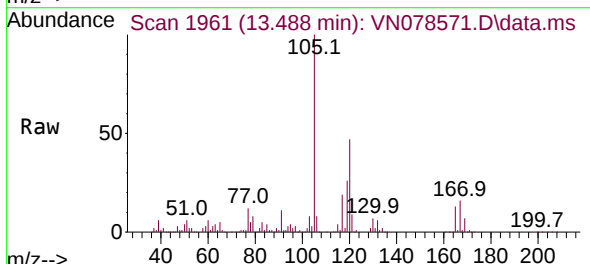
Tgt Ion:119 Resp: 936898
Ion Ratio Lower Upper
119 100
91 62.4 33.9 101.7
134 25.5 13.2 39.6

Manual Integrations
APPROVED

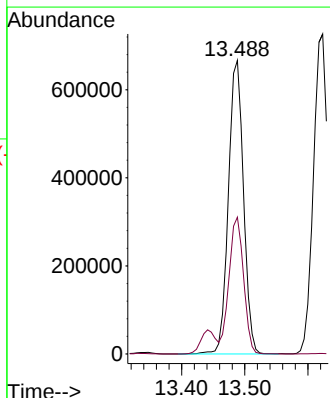
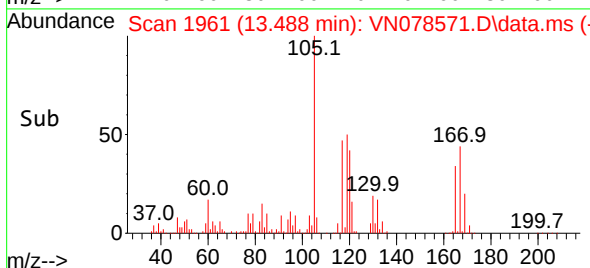
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

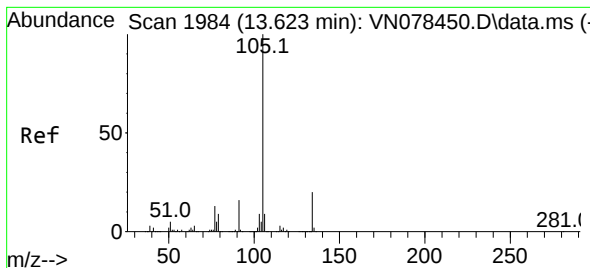


#84
1,2,4-Trimethylbenzene
Concen: 47.937 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



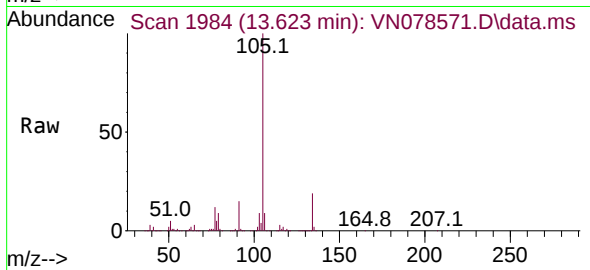
Tgt Ion:105 Resp: 1106309
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.767 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078571.D
 Acq: 19 Jul 2023 10:29

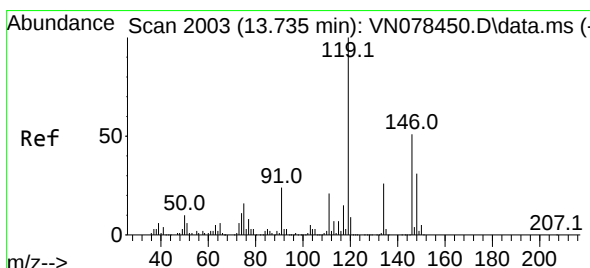
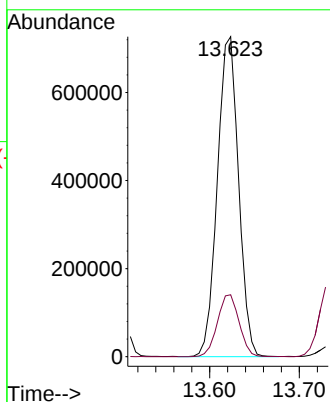
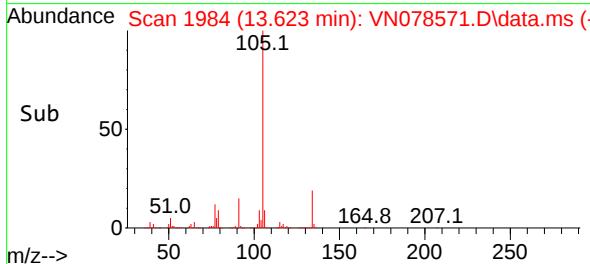
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



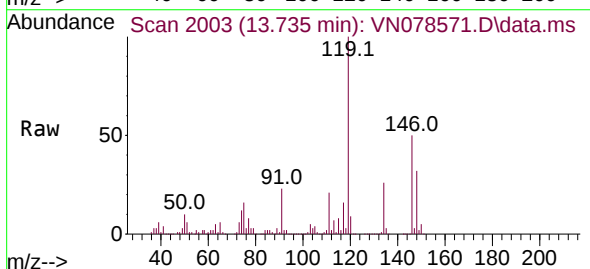
Tgt Ion:105 Resp: 1192420
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
 APPROVED

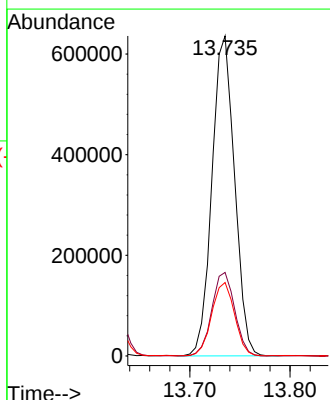
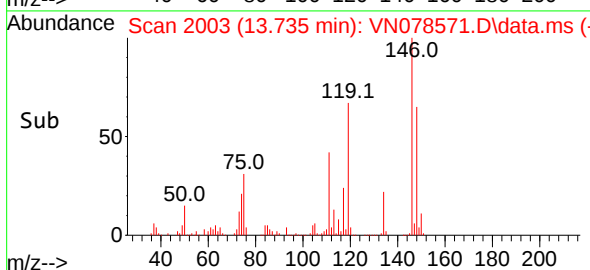
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023

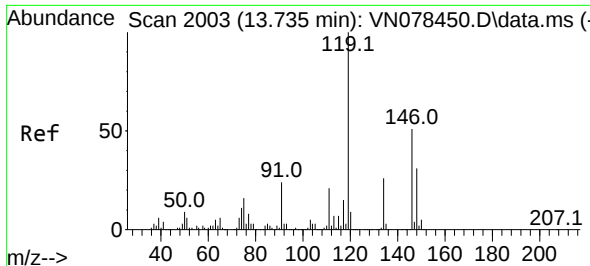


#86
 p-Isopropyltoluene
 Concen: 48.605 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078571.D
 Acq: 19 Jul 2023 10:29



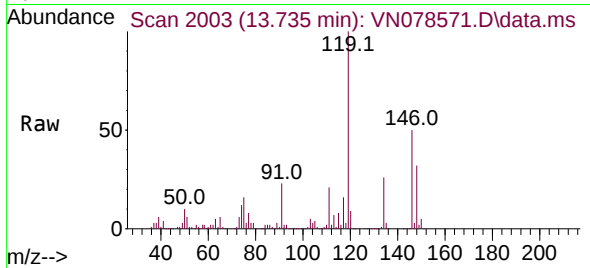
Tgt Ion:119 Resp: 995119
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 23.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.134 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

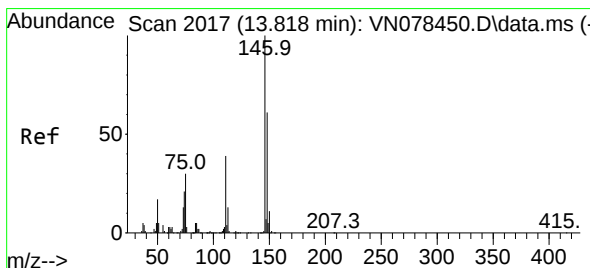
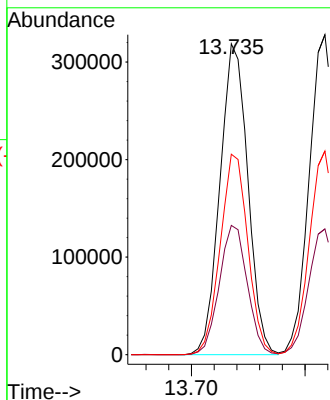
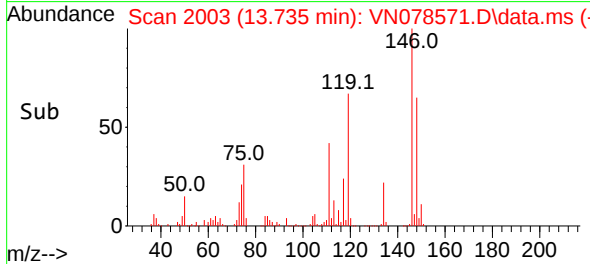
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 544112
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.3
148 63.8 32.0 96.0

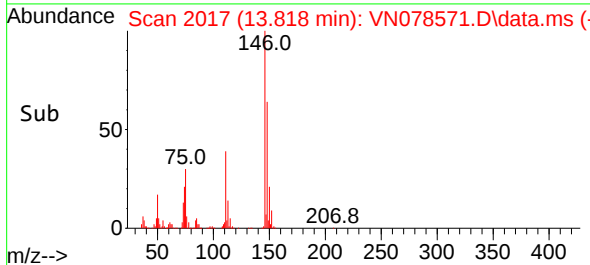
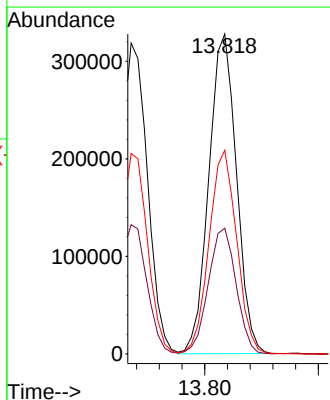
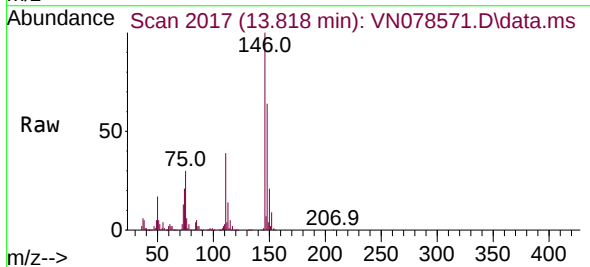
Manual Integrations
APPROVED

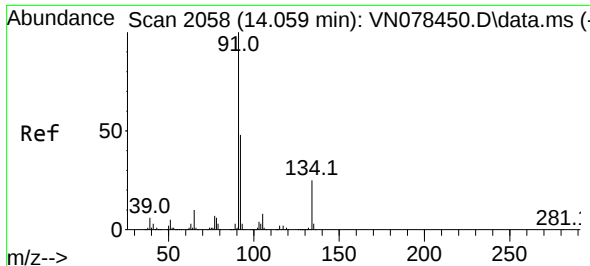
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#88
1,4-Dichlorobenzene
Concen: 47.712 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

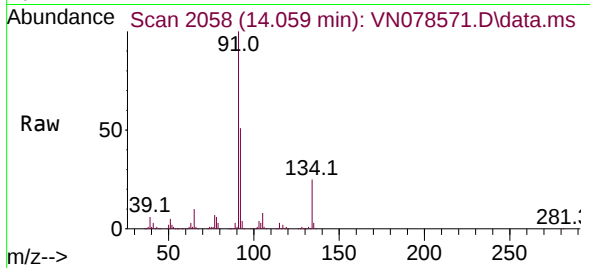
Tgt Ion:146 Resp: 554785
Ion Ratio Lower Upper
146 100
111 39.5 20.6 61.8
148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 51.970 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

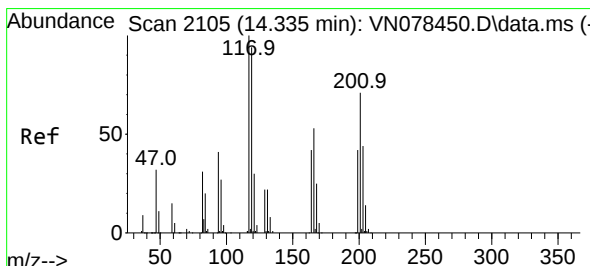
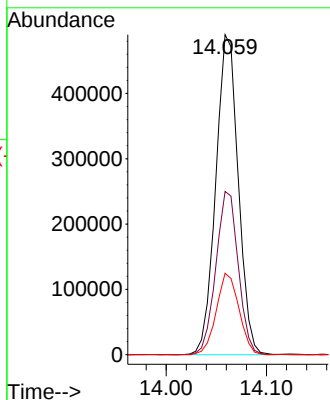
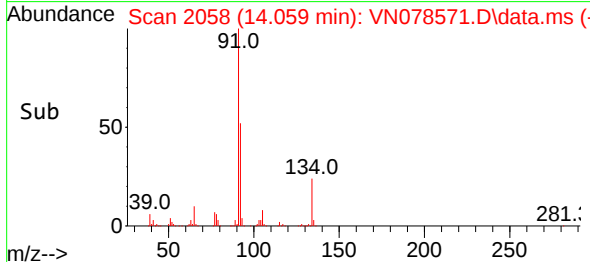
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 76130
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 25.6 12.6 37.6

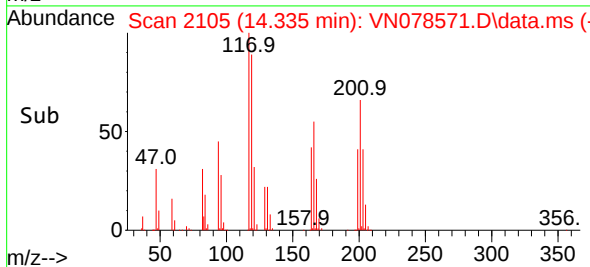
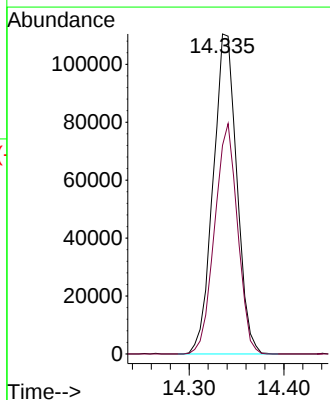
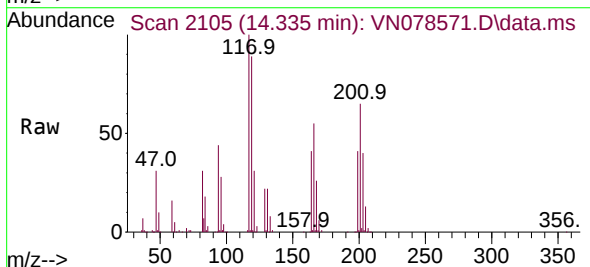
Manual Integrations
APPROVED

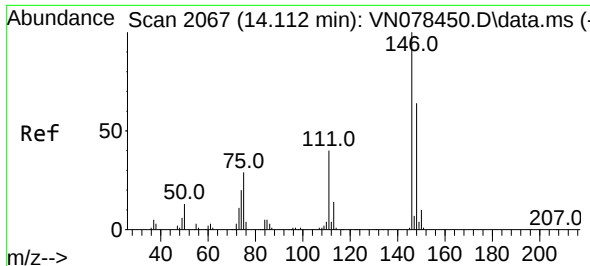
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#90
Hexachloroethane
Concen: 51.034 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion:117 Resp: 191979
Ion Ratio Lower Upper
117 100
201 69.7 29.3 88.0





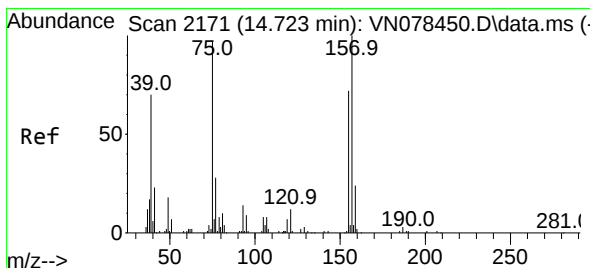
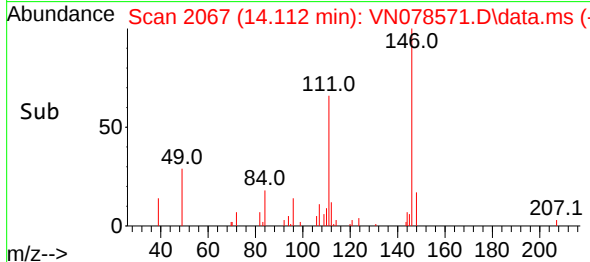
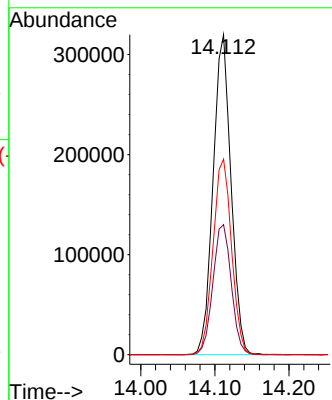
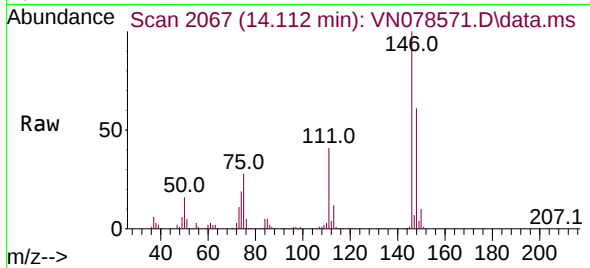
#91
1,2-Dichlorobenzene
Concen: 46.712 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 536640
Ion Ratio Lower Upper
146 100
111 41.7 22.0 66.0
148 63.2 31.8 95.3

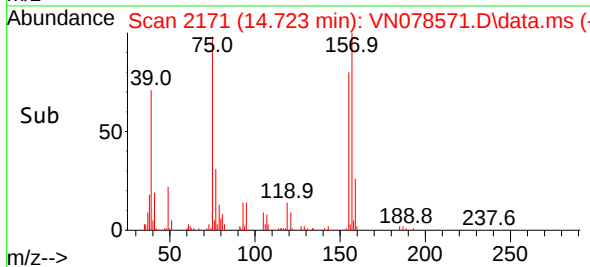
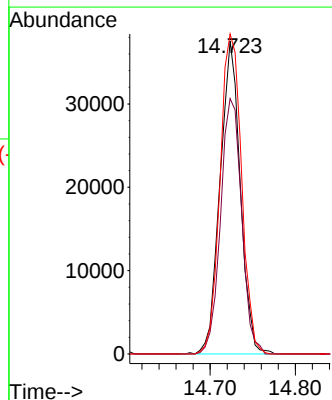
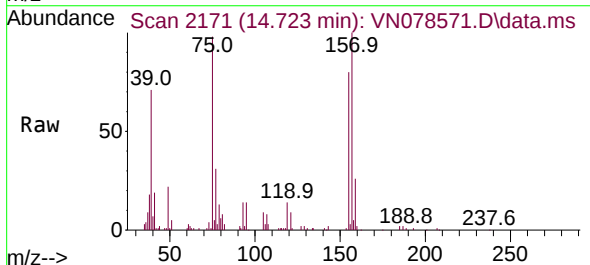
Manual Integrations
APPROVED

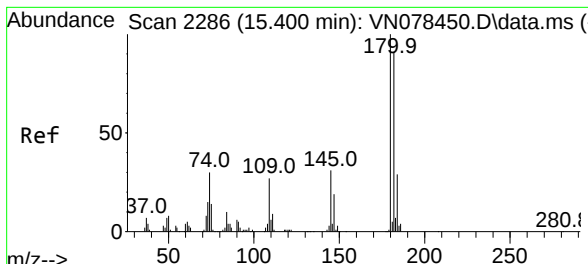
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.754 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

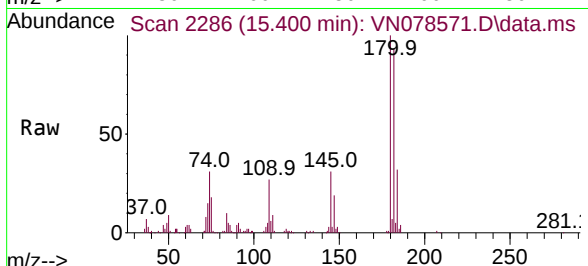
Tgt Ion: 75 Resp: 61949
Ion Ratio Lower Upper
75 100
155 84.6 39.1 117.2
157 108.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 46.170 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

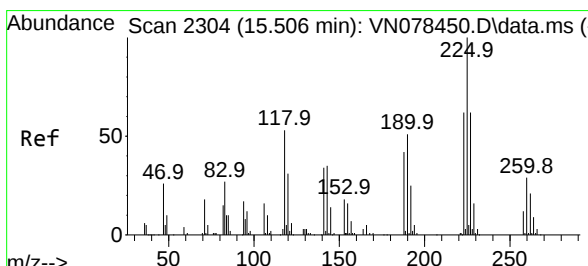
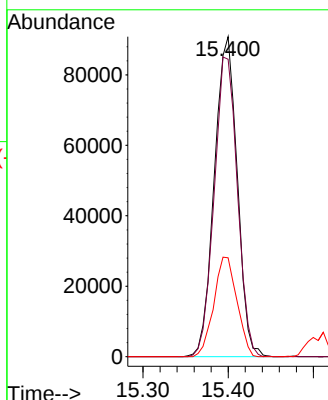
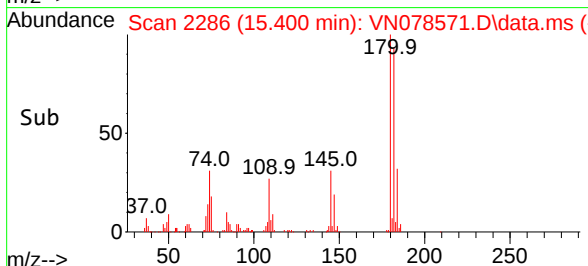
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



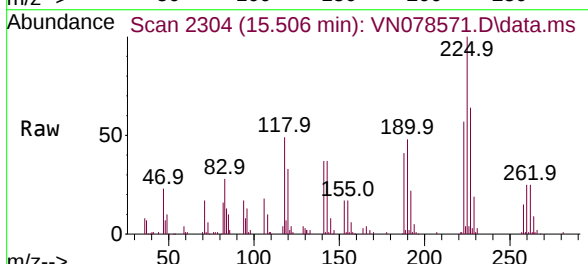
Tgt Ion:180 Resp: 16928
Ion Ratio Lower Upper
180 100
182 95.0 46.1 138.2
145 31.5 16.6 49.8

Manual Integrations
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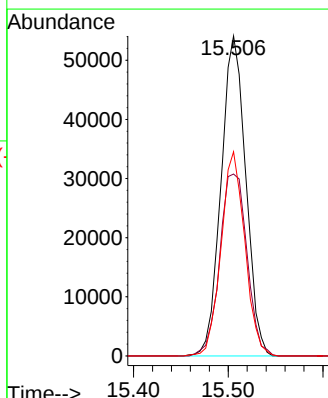
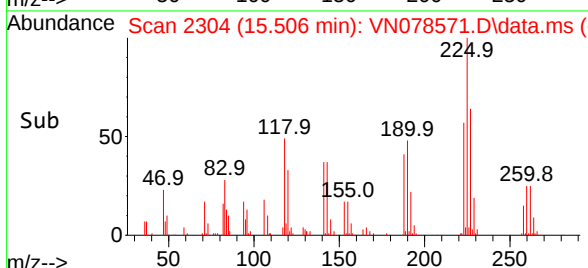
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

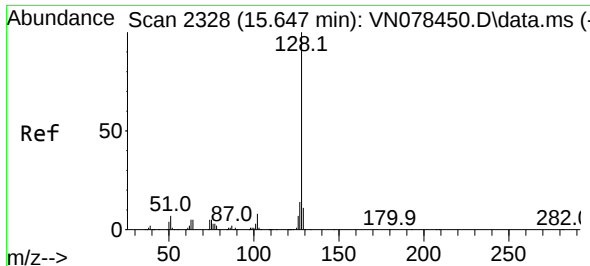


#94
Hexachlorobutadiene
Concen: 51.861 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29



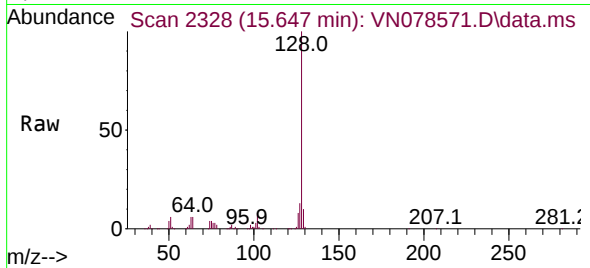
Tgt Ion:225 Resp: 98075
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.8
227 61.5 31.9 95.9





#95
Naphthalene
Concen: 37.949 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

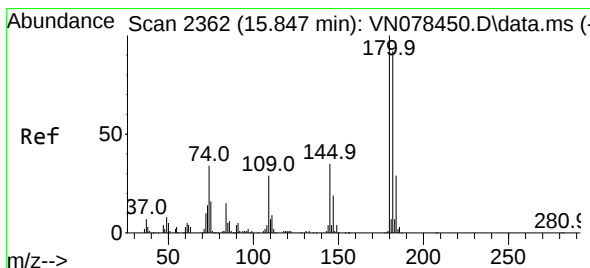
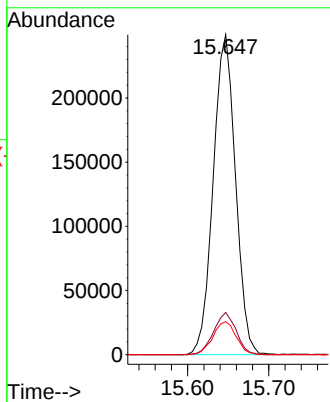
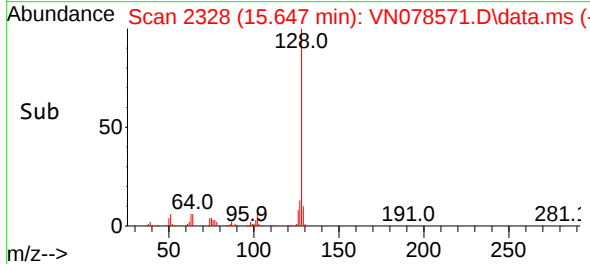
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 475672
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.675 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078571.D
Acq: 19 Jul 2023 10:29

Tgt Ion:180 Resp: 179915
Ion Ratio Lower Upper
180 100
182 97.0 46.2 138.6
145 33.6 17.5 52.6

