

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078699.D
 Acq On : 31 Jul 2023 12:16
 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 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 01:14:43 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	8.230	168	738305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1225417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1093449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	442076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	470086	47.494	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.980%		
35) Dibromofluoromethane	8.177	113	423609	50.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	10.571	98	1496504	47.622	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.853	95	537094	55.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	410383	45.336	ug/l	98
3) Chloromethane	2.371	50	427103	43.410	ug/l	99
4) Vinyl Chloride	2.524	62	764146	60.040	ug/l	99
5) Bromomethane	2.953	94	277298	32.729	ug/l	100
6) Chloroethane	3.124	64	257298	32.757	ug/l	97
7) Trichlorofluoromethane	3.506	101	648896	42.651	ug/l	99
8) Diethyl Ether	3.971	74	267616	52.795	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	364360	45.241	ug/l	92
10) Methyl Iodide	4.600	142	539851	48.780	ug/l	93
11) Tert butyl alcohol	5.536	59	340091	222.826	ug/l	100
12) 1,1-Dichloroethene	4.353	96	360574	46.284	ug/l	95
13) Acrolein	4.195	56	422528	281.378	ug/l	96
14) Allyl chloride	5.036	41	523965	49.221	ug/l	92
15) Acrylonitrile	5.730	53	990446	256.839	ug/l	99
16) Acetone	4.436	43	755645	245.088	ug/l	98
17) Carbon Disulfide	4.724	76	992172	44.043	ug/l	99
18) Methyl Acetate	5.036	43	645550	49.461	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	1321150	51.471	ug/l	95
20) Methylene Chloride	5.283	84	464745	52.615	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	402712	45.873	ug/l	86
22) Diisopropyl ether	6.683	45	1275490	53.511	ug/l	93
23) Vinyl Acetate	6.612	43	3911191	258.105	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	789618	49.162	ug/l	98
25) 2-Butanone	7.488	43	1191839	245.573	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	631695	48.086	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	493760	48.619	ug/l	92
28) Bromochloromethane	7.824	49	387392	51.208	ug/l	89
29) Tetrahydrofuran	7.847	42	783069	245.894	ug/l #	83
30) Chloroform	7.971	83	804955	48.138	ug/l	95
31) Cyclohexane	8.265	56	616380	46.080	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	685313	45.711	ug/l	97
36) 1,1-Dichloropropene	8.377	75	577232	48.058	ug/l	97
37) Ethyl Acetate	7.571	43	503775	50.314	ug/l	96
38) Carbon Tetrachloride	8.371	117	604127	46.278	ug/l	98
39) Methylcyclohexane	9.606	83	556064	50.719	ug/l #	88
40) Benzene	8.612	78	1795051	50.445	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	267628	52.431	ug/l	93
42) 1,2-Dichloroethane	8.677	62	595337	49.187	ug/l	99
43) Isopropyl Acetate	8.694	43	832671	50.512	ug/l	97
44) Trichloroethene	9.359	130	443599	46.253	ug/l	98
45) 1,2-Dichloropropane	9.624	63	481870	53.467	ug/l	99
46) Dibromomethane	9.718	93	315345	49.713	ug/l	88
47) Bromodichloromethane	9.894	83	641144	50.422	ug/l	95
48) Methyl methacrylate	9.688	41	394008	51.591	ug/l #	85
49) 1,4-Dioxane	9.700	88	148589	892.144	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	2473145	252.226	ug/l	96
52) Toluene	10.635	92	1116782	50.638	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	706091	54.204	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	779190	56.115	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	451059	51.910	ug/l	96
56) Ethyl methacrylate	10.877	69	682340	56.176	ug/l #	87
57) 1,3-Dichloropropane	11.171	76	766551	51.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1160692	268.138	ug/l	91
59) 2-Hexanone	11.200	43	1716338	246.291	ug/l	98
60) Dibromochloromethane	11.365	129	494920	51.593	ug/l	98
61) 1,2-Dibromoethane	11.476	107	453902	50.709	ug/l	99
64) Tetrachloroethene	11.106	164	385215	46.858	ug/l	97
65) Chlorobenzene	11.894	112	1172234	47.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	453884	48.273	ug/l	98
67) Ethyl Benzene	11.971	91	2044075	49.477	ug/l	99
68) m/p-Xylenes	12.076	106	1541279	100.903	ug/l	96
69) o-Xylene	12.406	106	767183	49.725	ug/l	97
70) Styrene	12.418	104	1264043	52.369	ug/l	99
71) Bromoform	12.582	173	329927	51.811	ug/l #	100
73) Isopropylbenzene	12.700	105	1888609	45.466	ug/l	100
74) N-amyl acetate	12.500	43	643273	44.936	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	600413	51.866	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	473872m	44.347	ug/l	
77) Bromobenzene	12.982	156	463800	51.386	ug/l	99
78) n-propylbenzene	13.041	91	2080222	46.827	ug/l	99
79) 2-Chlorotoluene	13.129	91	1337674	45.971	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1558626	47.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	215911	53.097	ug/l	89
82) 4-Chlorotoluene	13.223	91	1307879	48.181	ug/l	98
83) tert-Butylbenzene	13.441	119	1285236	46.123	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1572162	49.315	ug/l	100
85) sec-Butylbenzene	13.623	105	1622343	46.061	ug/l	100
86) p-Isopropyltoluene	13.735	119	1347844	47.658	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	752317	47.177	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	738058	45.950	ug/l	99
89) n-Butylbenzene	14.059	91	1029850	50.892	ug/l	99
90) Hexachloroethane	14.341	117	254450	48.932	ug/l	78
91) 1,2-Dichlorobenzene	14.112	146	730875	46.054	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	94073	47.198	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	226575	44.734	ug/l	95
94) Hexachlorobutadiene	15.506	225	154681	59.850	ug/l	99
95) Naphthalene	15.647	128	691289	39.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	258722	44.424	ug/l	95

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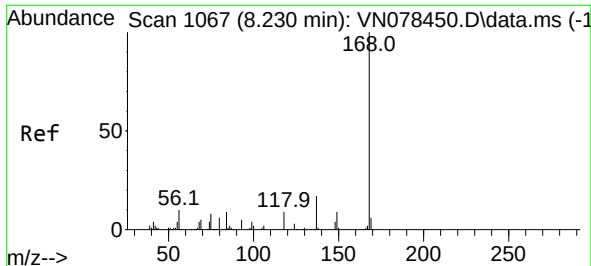
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/01/2023

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

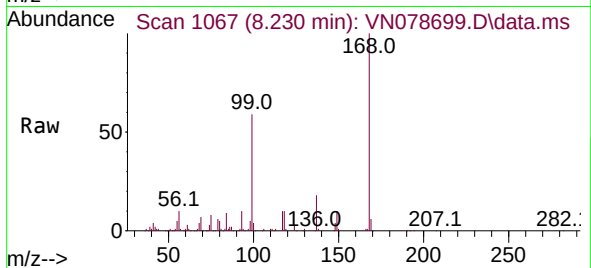
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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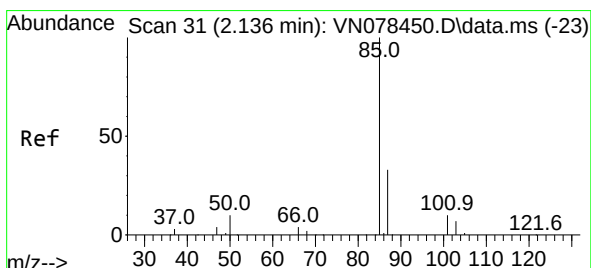
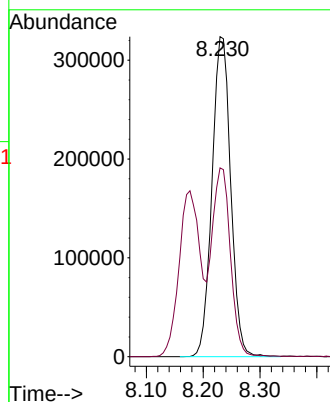
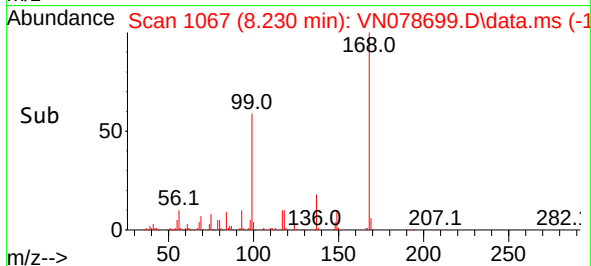
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 73830
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6

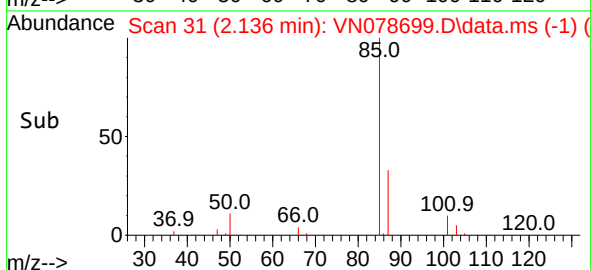
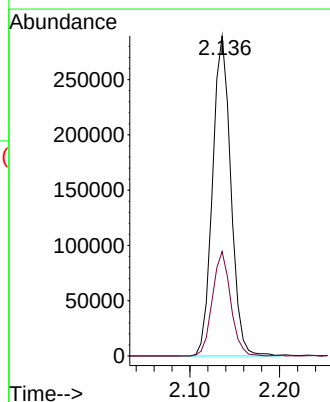
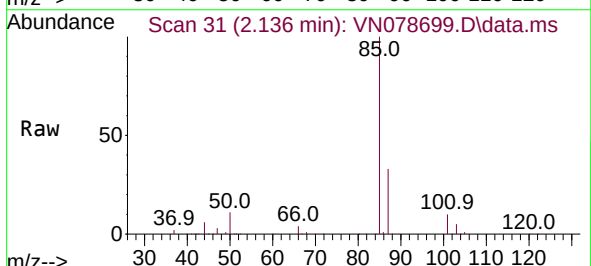
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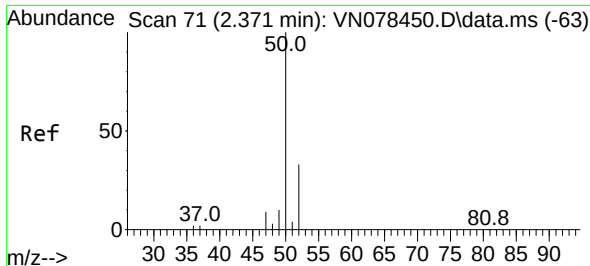
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#2
Dichlorodifluoromethane
Concen: 45.336 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

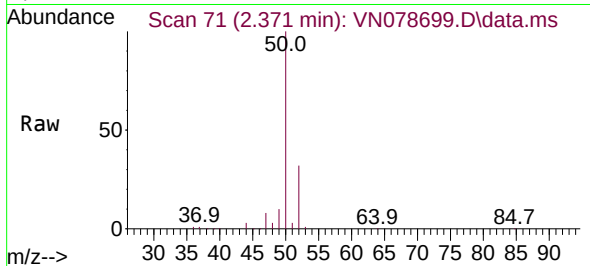
Tgt Ion: 85 Resp: 410383
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3
Chloromethane
Concen: 43.410 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

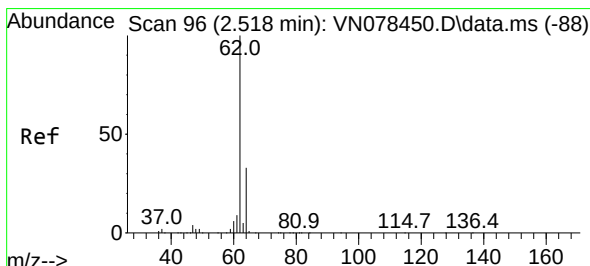
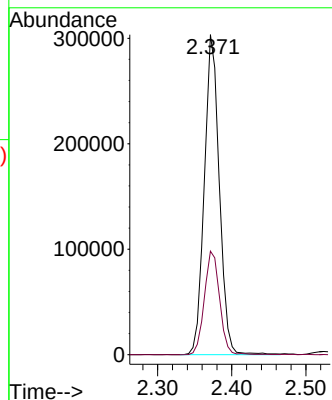
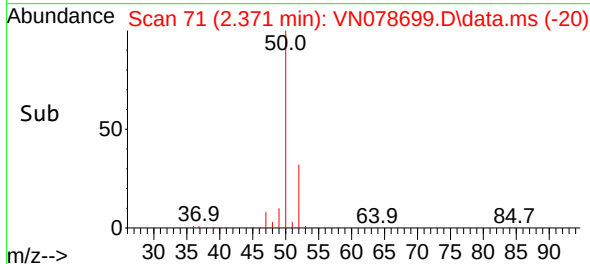
Instrument :
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Tgt Ion: 50 Resp: 42710
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

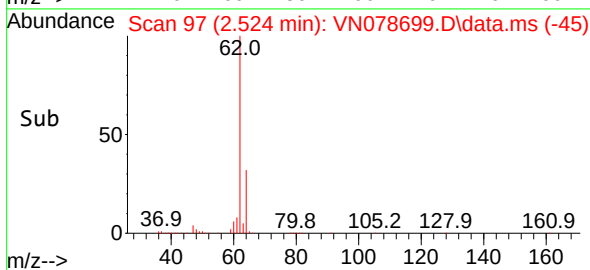
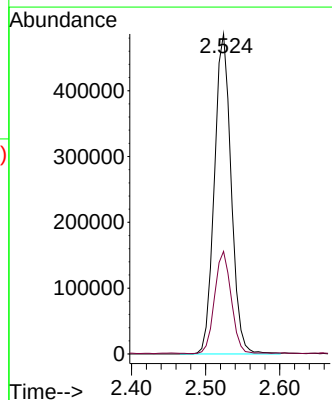
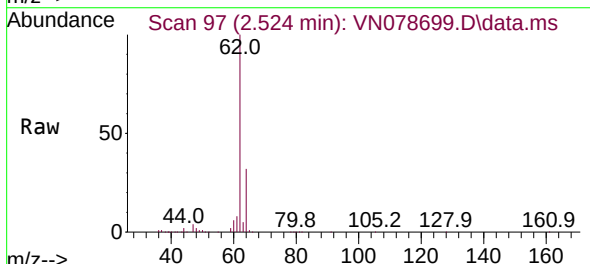
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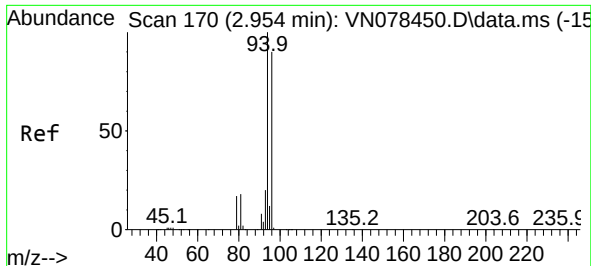
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#4
Vinyl Chloride
Concen: 60.040 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

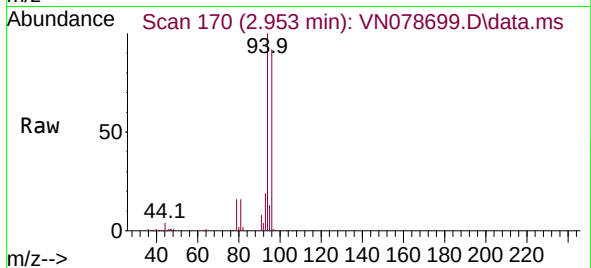
Tgt Ion: 62 Resp: 764146
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 32.729 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

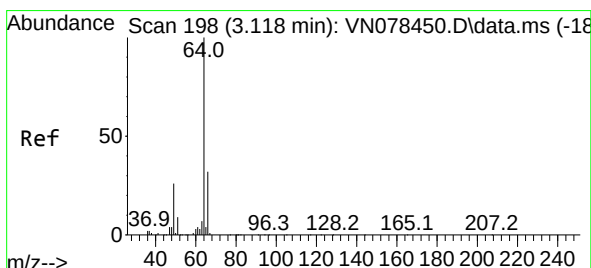
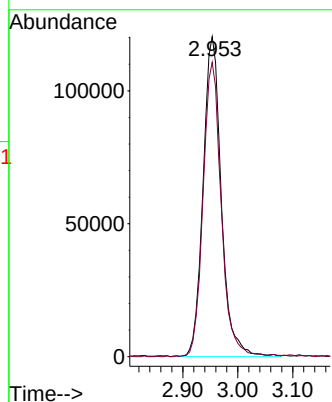
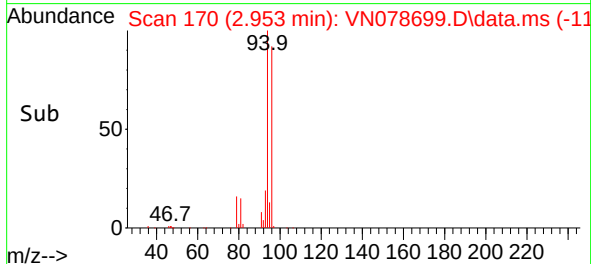
Instrument :
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Tgt Ion: 94 Resp: 277298
Ion Ratio Lower Upper
94 100
96 91.8 73.1 109.7

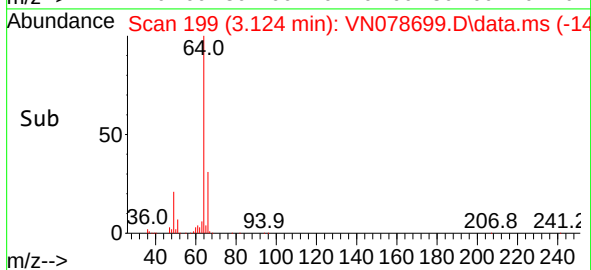
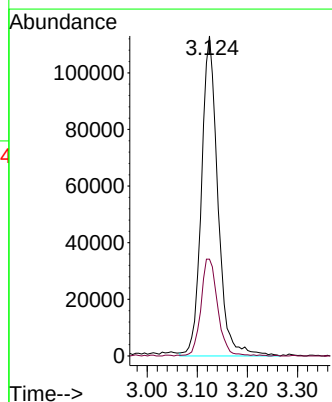
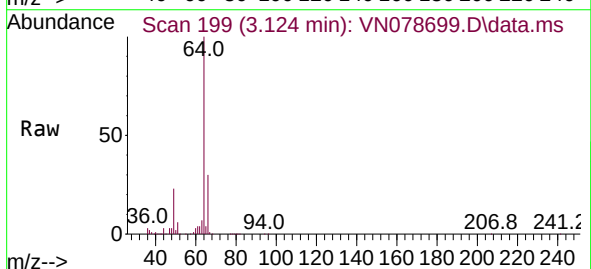
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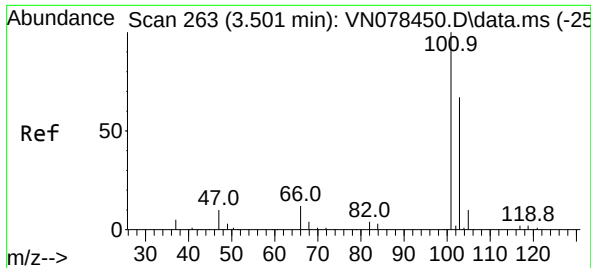
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#6
Chloroethane
Concen: 32.757 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

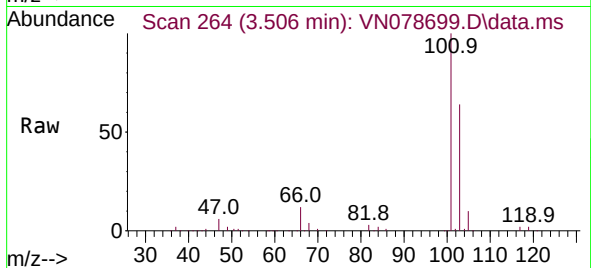
Tgt Ion: 64 Resp: 257298
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 42.651 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.005 min
 Lab File: VN078699.D
 Acq: 31 Jul 2023 12:16

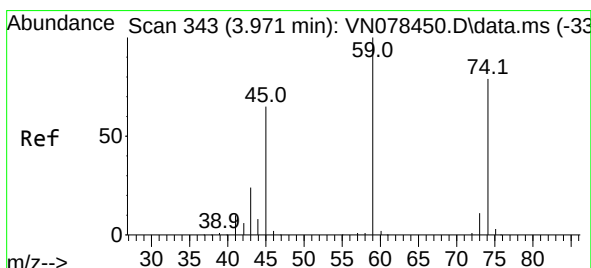
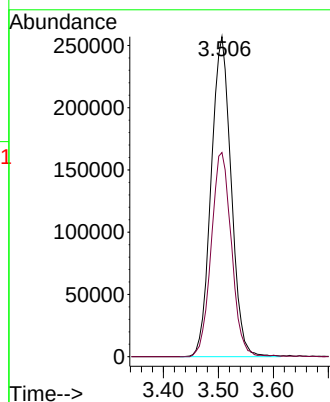
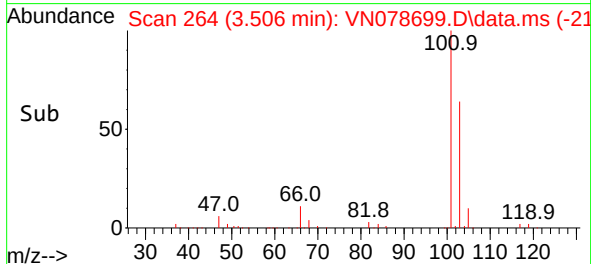
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 648890
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.7 76.1

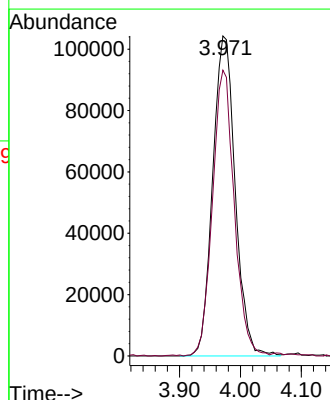
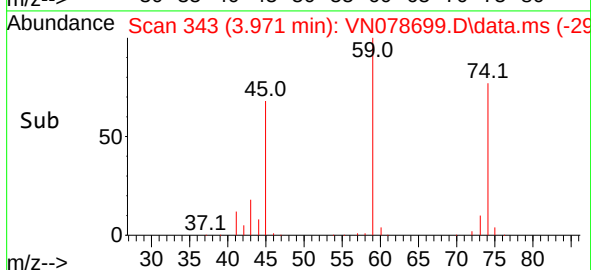
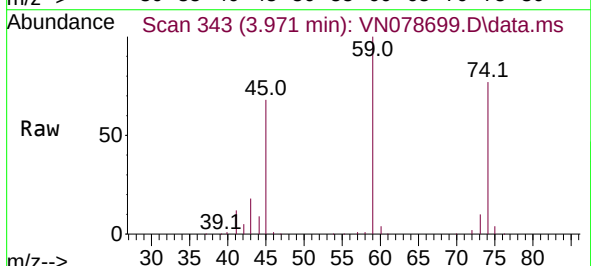
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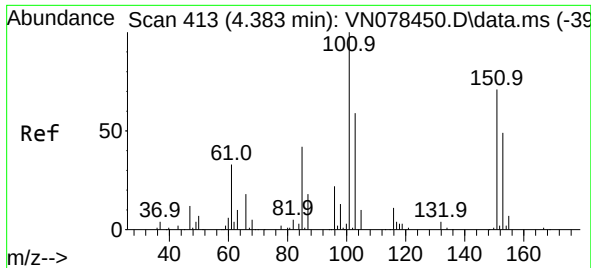
Reviewed By :John Carlone 08/01/2023
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#8
 Diethyl Ether
 Concen: 52.795 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 267616
 Ion Ratio Lower Upper
 74 100
 45 86.6 34.4 103.3





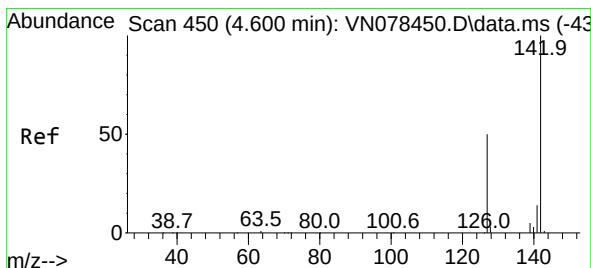
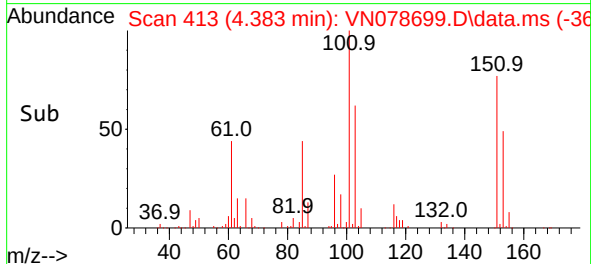
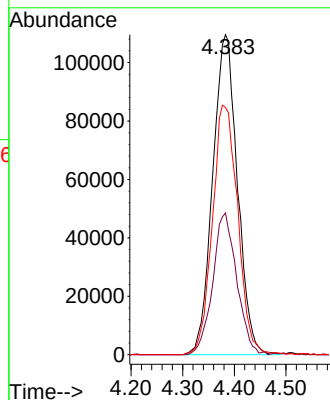
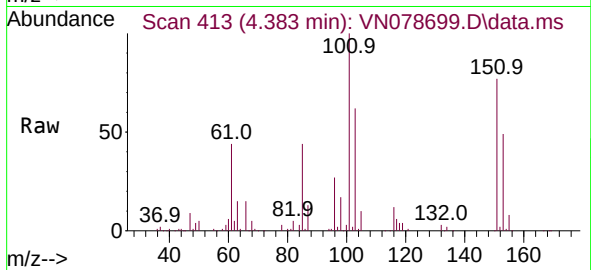
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.241 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 364360
Ion Ratio Lower Upper
101 100
85 42.9 36.6 55.0
151 79.9 57.6 86.4

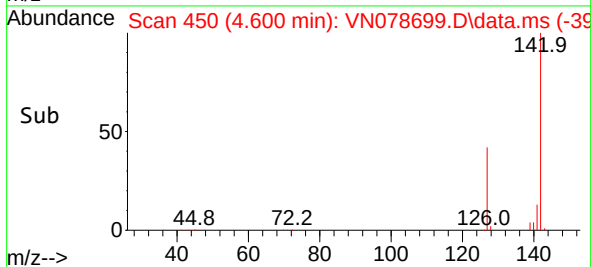
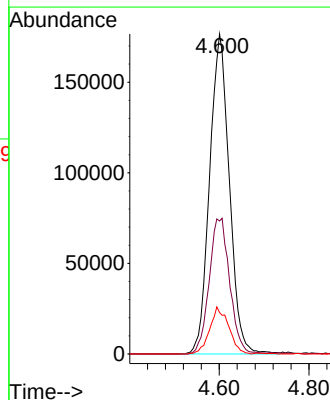
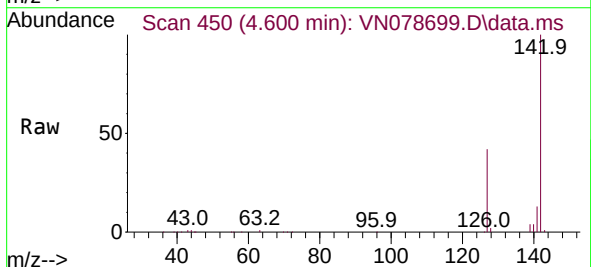
Manual Integrations
APPROVED

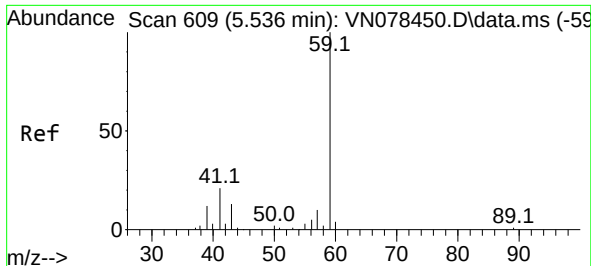
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Methyl Iodide
Concen: 48.780 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

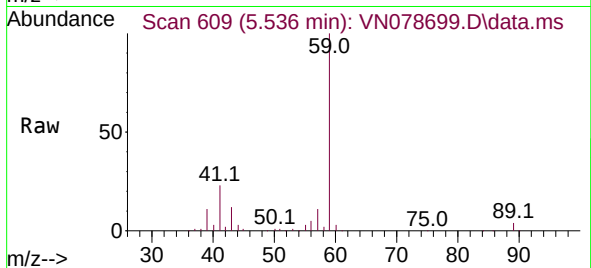
Tgt Ion:142 Resp: 539851
Ion Ratio Lower Upper
142 100
127 41.5 37.6 56.4
141 12.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 222.826 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

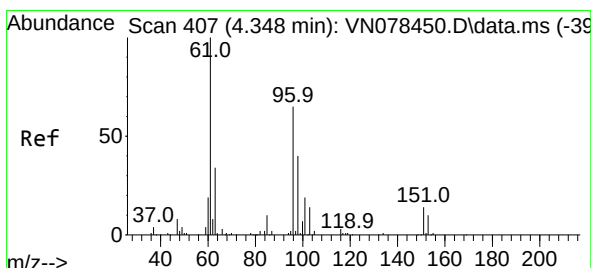
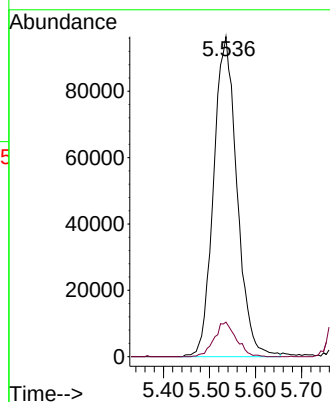
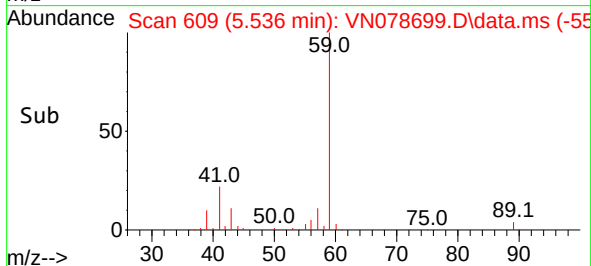
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



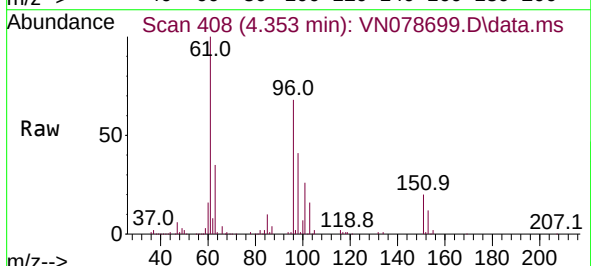
Tgt Ion: 59 Resp: 34009
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
APPROVED

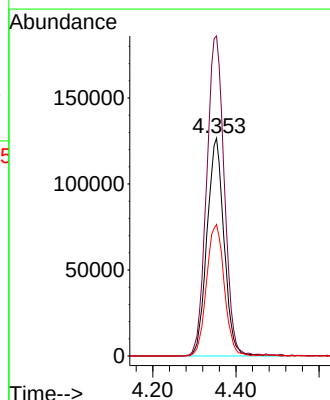
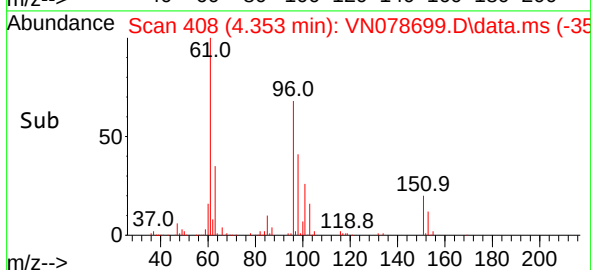
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

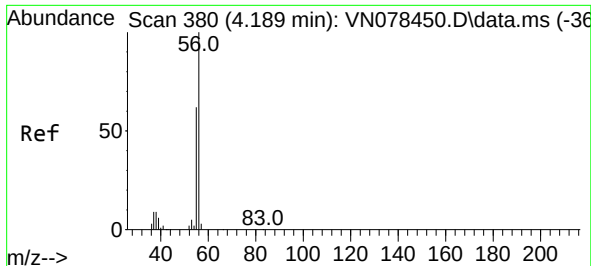


#12
1,1-Dichloroethene
Concen: 46.284 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



Tgt Ion: 96 Resp: 360574
Ion Ratio Lower Upper
96 100
61 147.0 112.7 169.1
98 60.4 51.2 76.8





#13

Acrolein

Concen: 281.378 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 422528

Ion Ratio Lower Upper

56 100

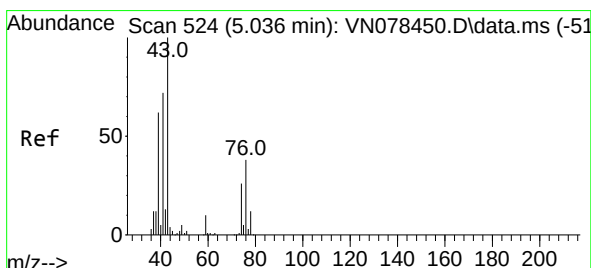
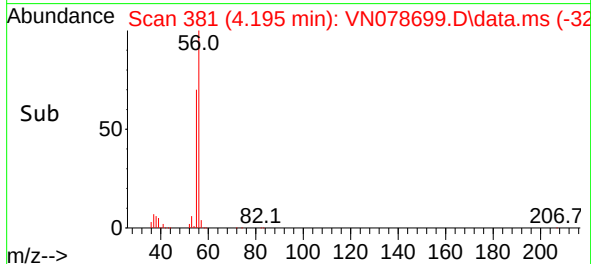
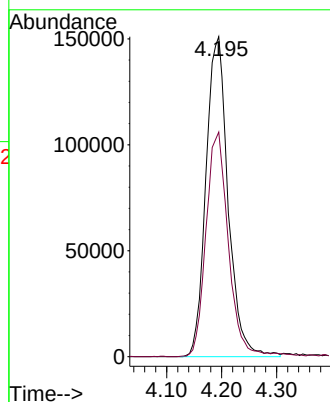
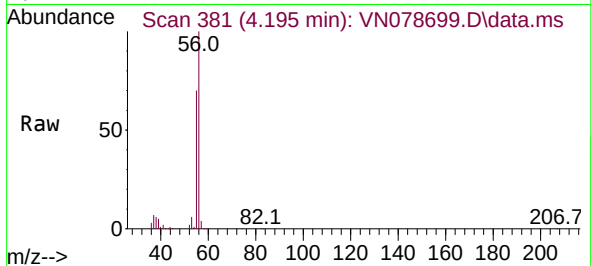
55 71.4 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#14

Allyl chloride

Concen: 49.221 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

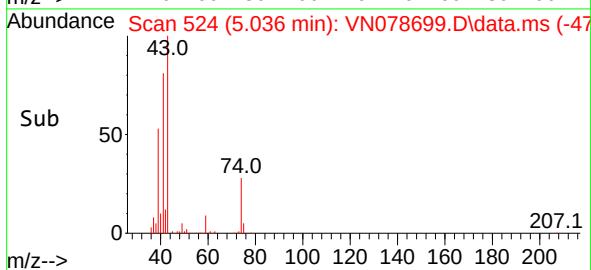
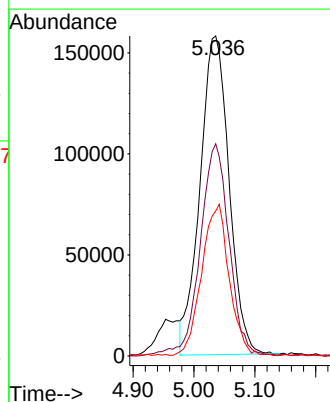
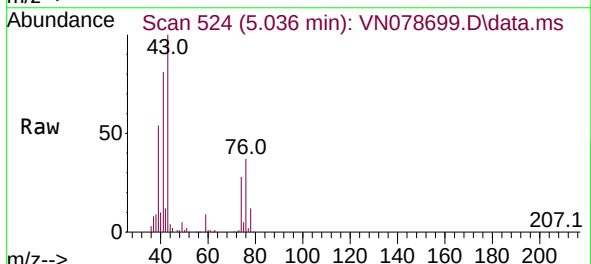
Tgt Ion: 41 Resp: 523965

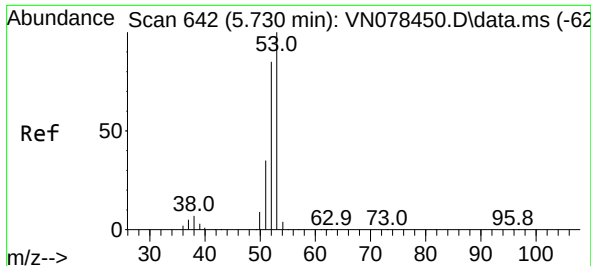
Ion Ratio Lower Upper

41 100

39 66.2 58.8 88.2

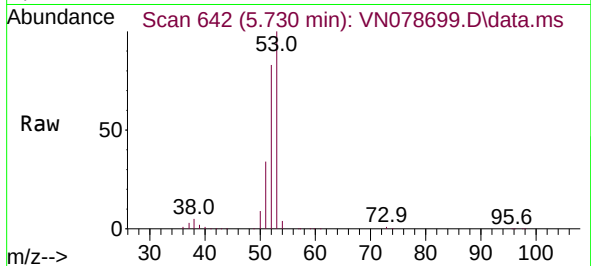
76 44.5 39.1 58.7





#15
Acrylonitrile
Concen: 256.839 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

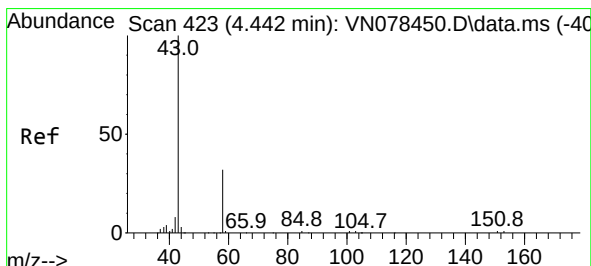
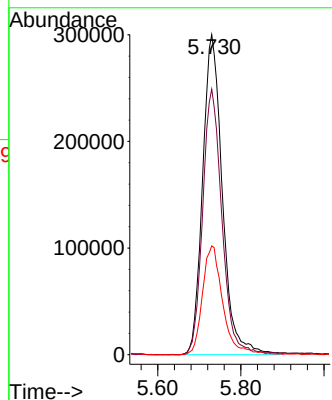
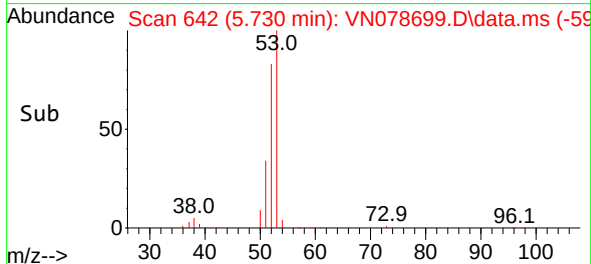
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 990440
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 34.9 28.9 43.3

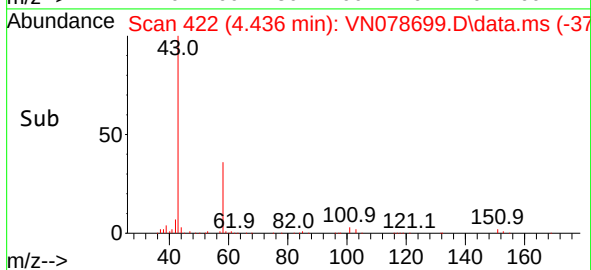
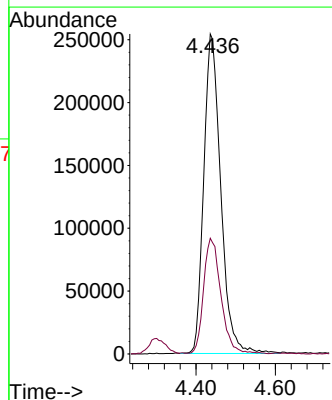
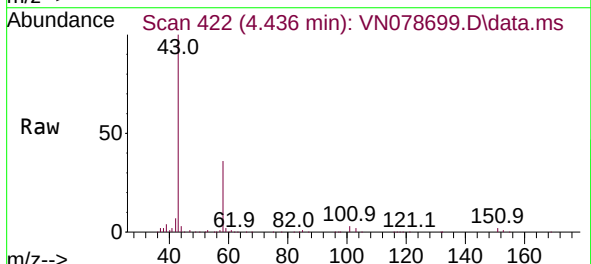
Manual Integrations
APPROVED

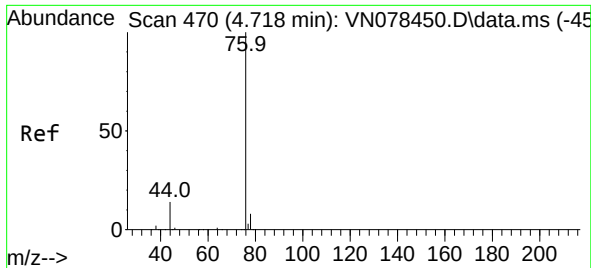
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 245.088 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Tgt Ion: 43 Resp: 755645
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0





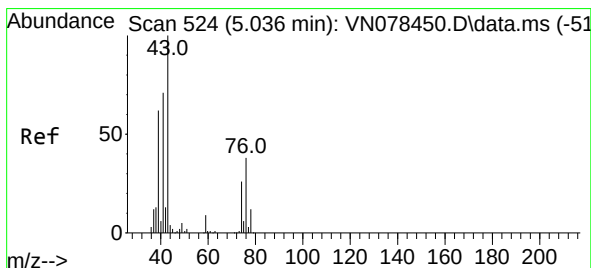
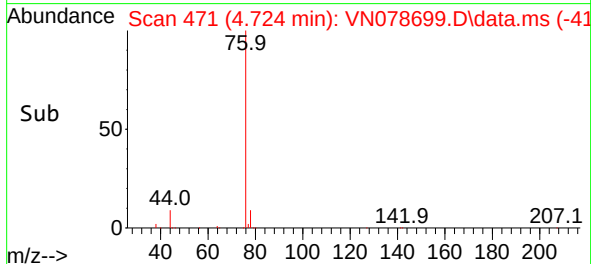
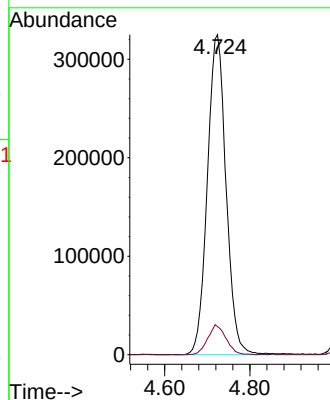
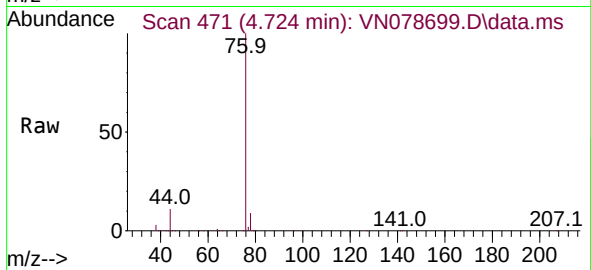
#17
Carbon Disulfide
Concen: 44.043 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 992172
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

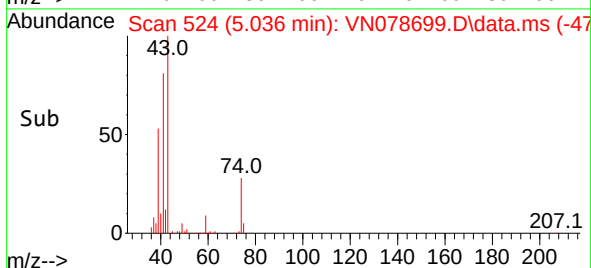
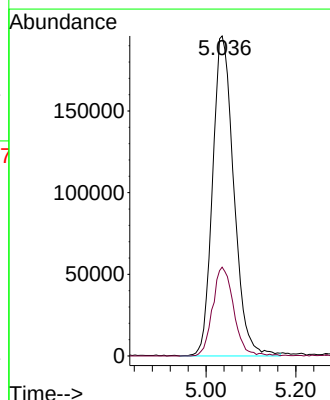
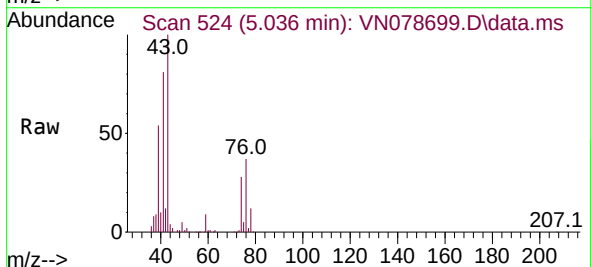
Manual Integrations
APPROVED

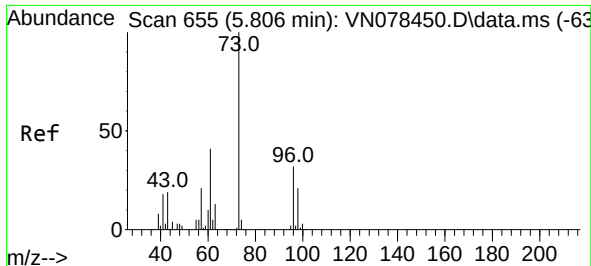
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#18
Methyl Acetate
Concen: 49.461 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Tgt Ion: 43 Resp: 645550
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





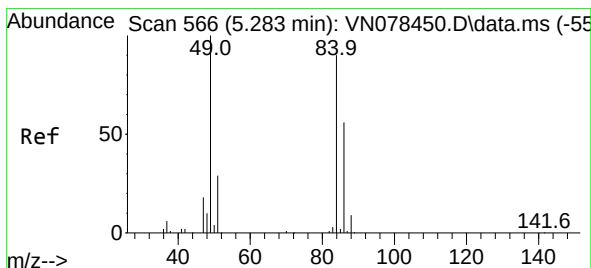
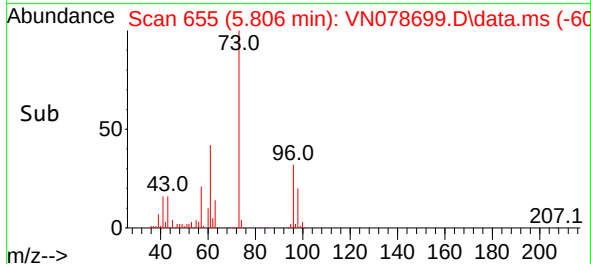
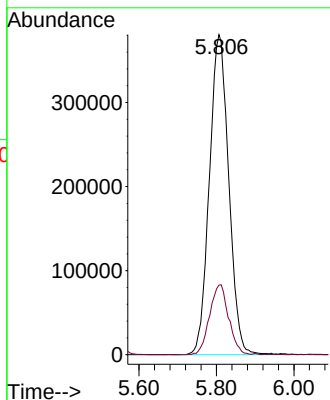
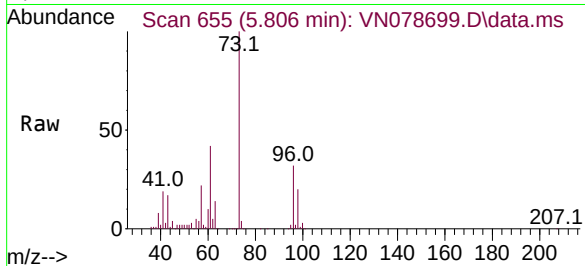
#19
Methyl tert-butyl Ether
Concen: 51.471 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 1321150
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

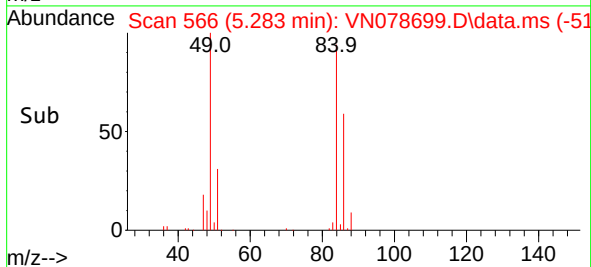
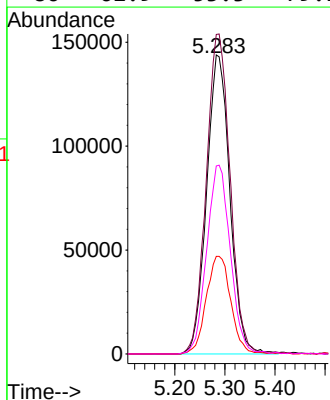
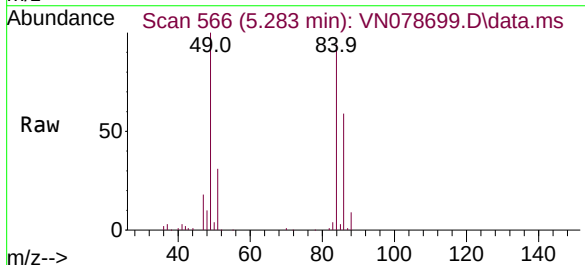
Manual Integrations
APPROVED

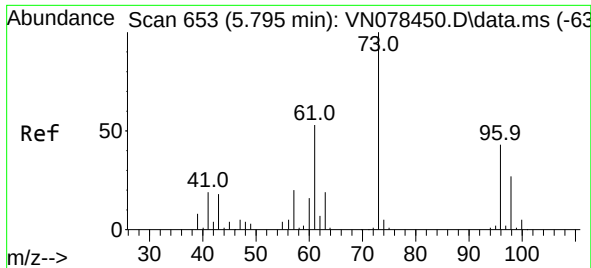
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#20
Methylene Chloride
Concen: 52.615 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

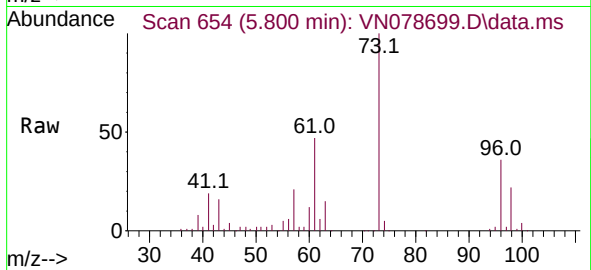
Tgt Ion: 84 Resp: 464745
Ion Ratio Lower Upper
84 100
49 106.9 79.7 119.5
51 32.7 25.2 37.8
86 62.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.873 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

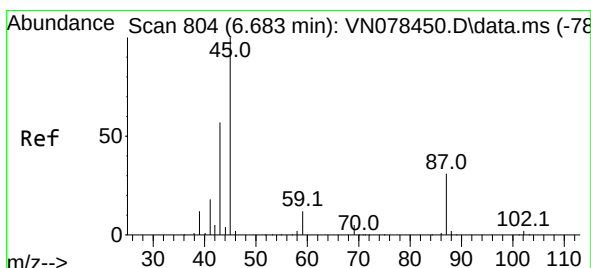
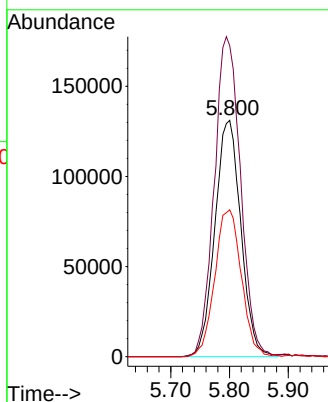
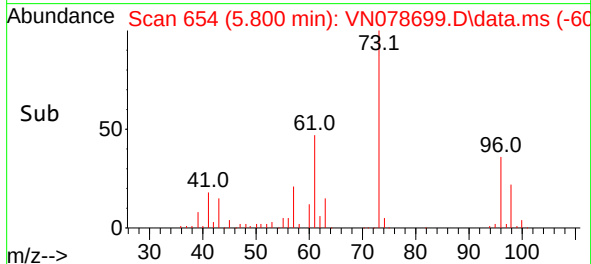
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



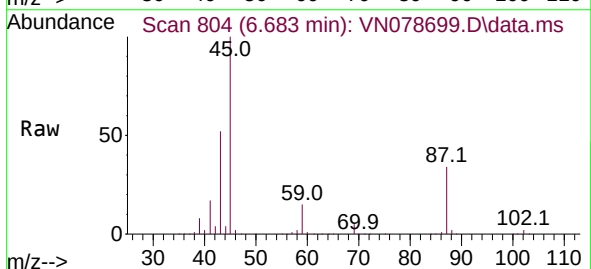
Tgt Ion: 96 Resp: 402712
Ion Ratio Lower Upper
96 100
61 131.6 90.1 135.1
98 62.2 46.4 69.6

Manual Integrations
APPROVED

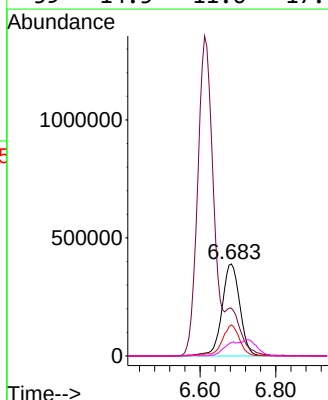
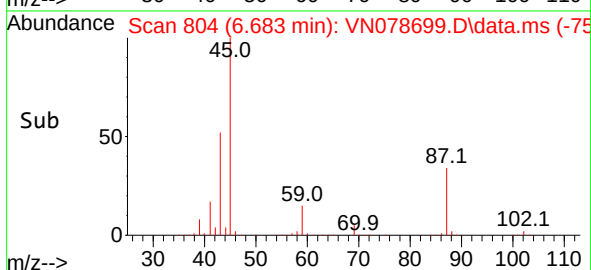
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

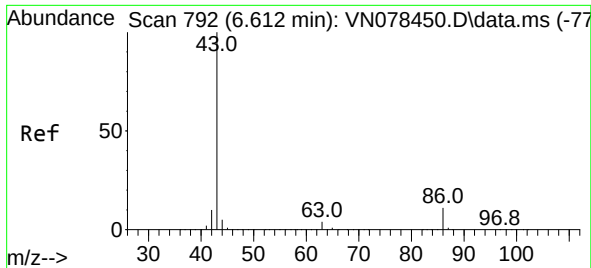


#22
Diisopropyl ether
Concen: 53.511 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



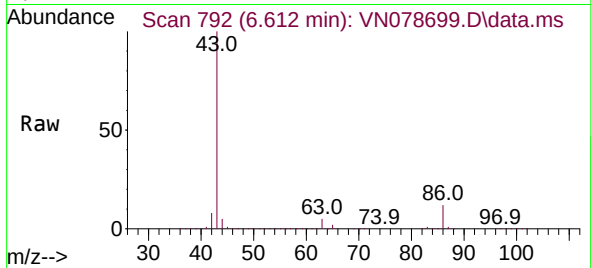
Tgt Ion: 45 Resp: 1275490
Ion Ratio Lower Upper
45 100
43 51.9 45.5 68.3
87 33.7 31.8 47.8
59 14.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 258.105 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078699.D
 Acq: 31 Jul 2023 12:16

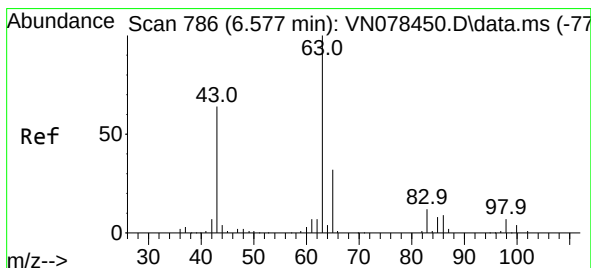
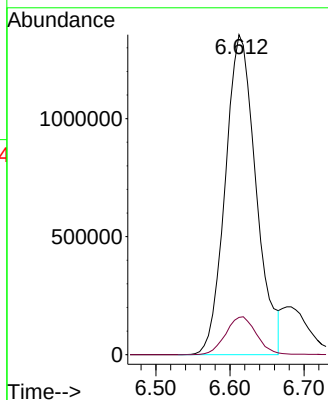
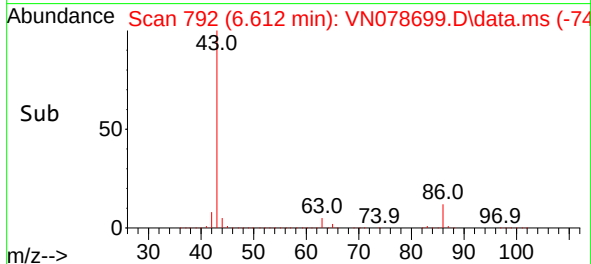
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



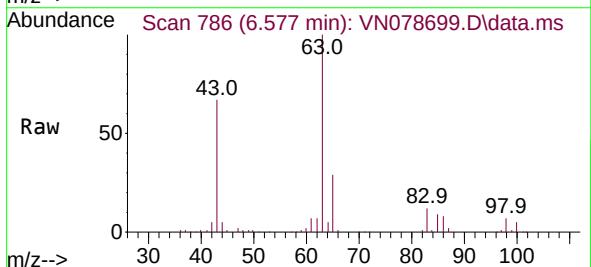
Tgt Ion: 43 Resp: 391119
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6

Manual Integrations
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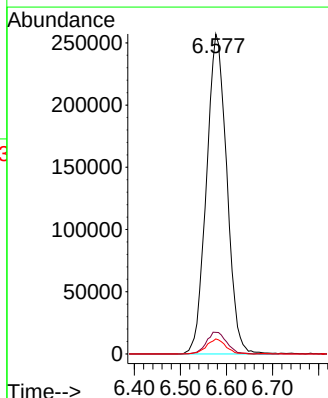
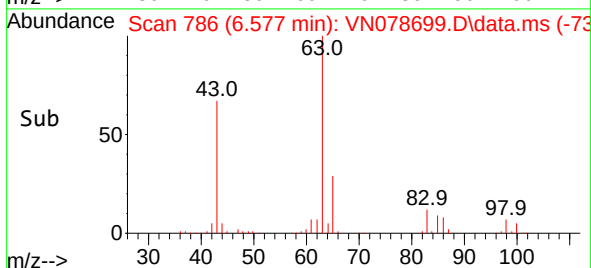
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

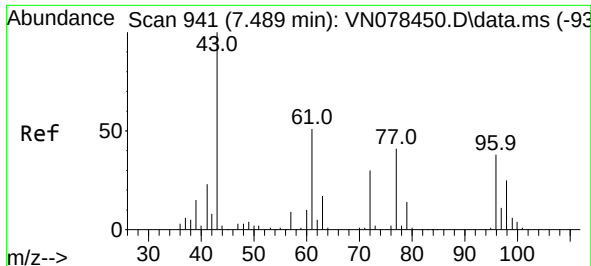


#24
 1,1-Dichloroethane
 Concen: 49.162 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078699.D
 Acq: 31 Jul 2023 12:16



Tgt Ion: 63 Resp: 789618
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.7 2.5 7.4





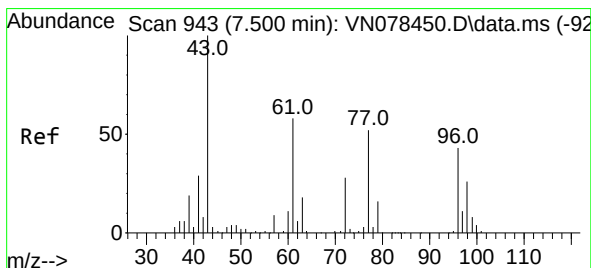
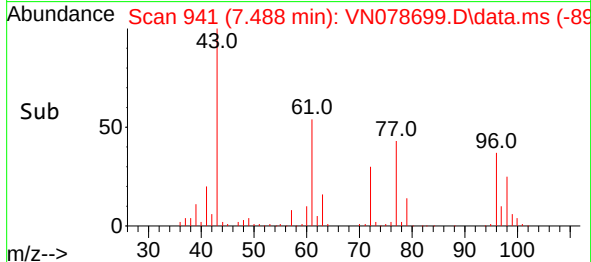
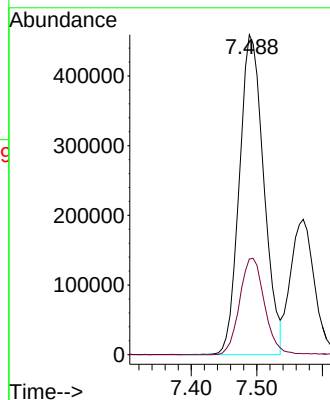
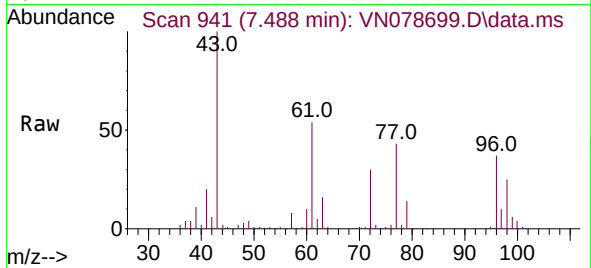
#25
2-Butanone
Concen: 245.573 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1191839
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2

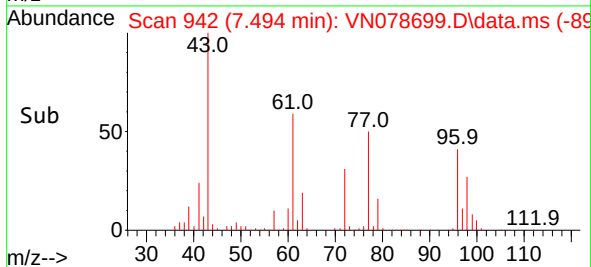
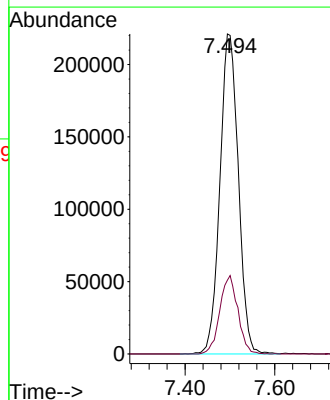
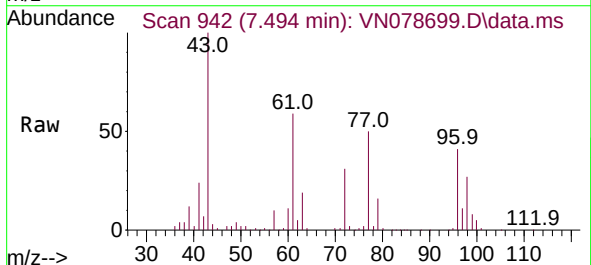
Manual Integrations
APPROVED

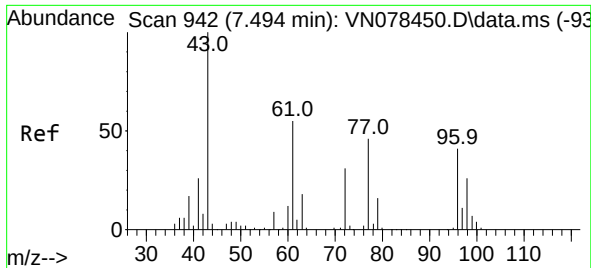
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#26
2,2-Dichloropropane
Concen: 48.086 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

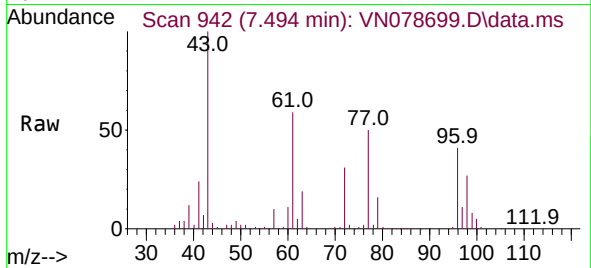
Tgt Ion: 77 Resp: 631695
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.619 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078699.D
 Acq: 31 Jul 2023 12:16

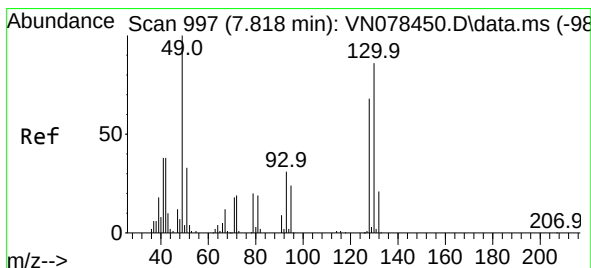
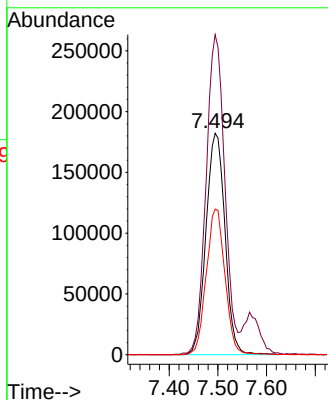
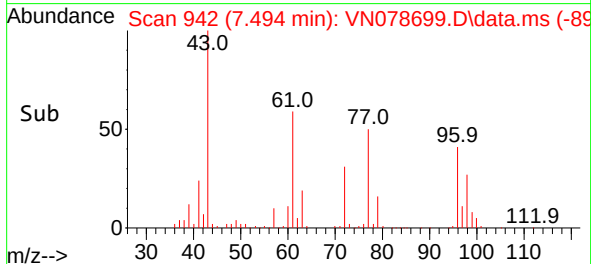
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 493760
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 255.2
 98 64.7 0.0 128.8

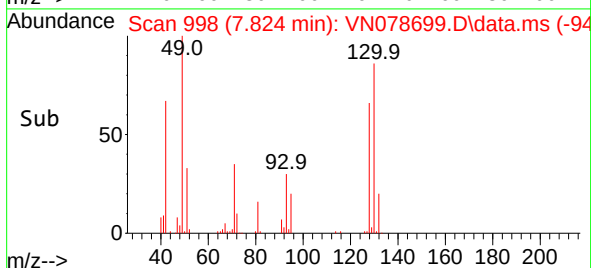
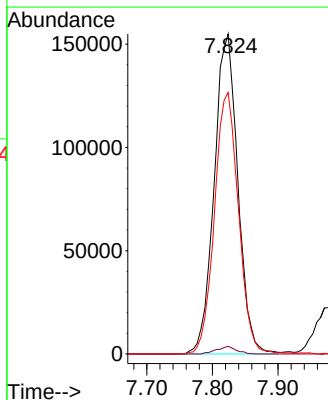
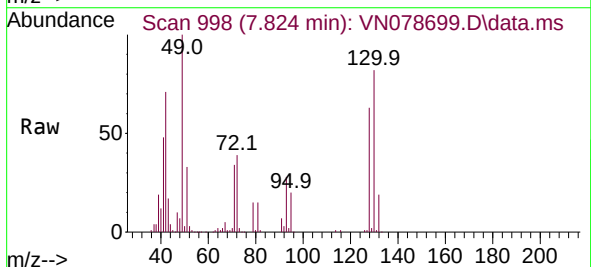
Manual Integrations
 APPROVED

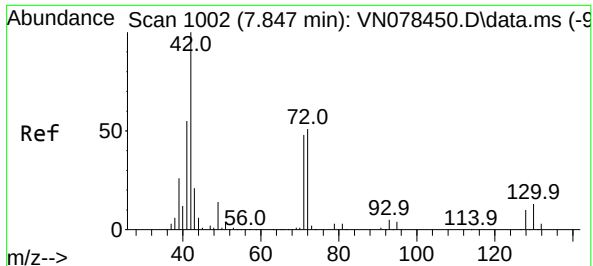
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#28
 Bromochloromethane
 Concen: 51.208 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078699.D
 Acq: 31 Jul 2023 12:16

Tgt Ion: 49 Resp: 387392
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 83.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 245.894 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 783069

Ion Ratio Lower Upper

42 100

72 49.3 49.8 74.6

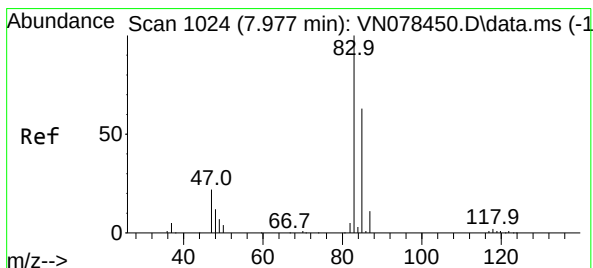
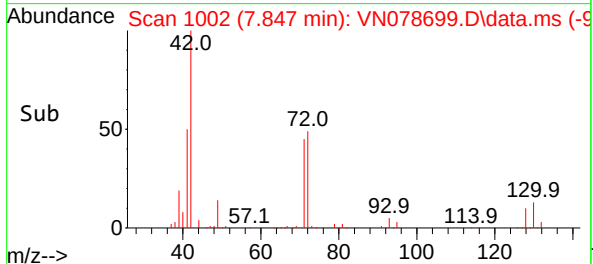
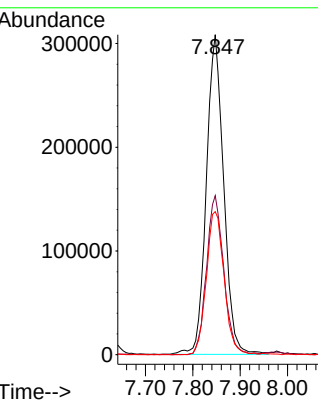
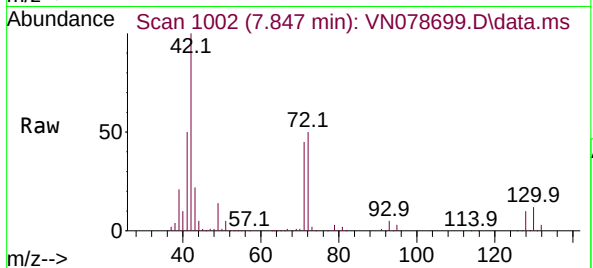
71 46.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Chloroform

Concen: 48.138 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078699.D

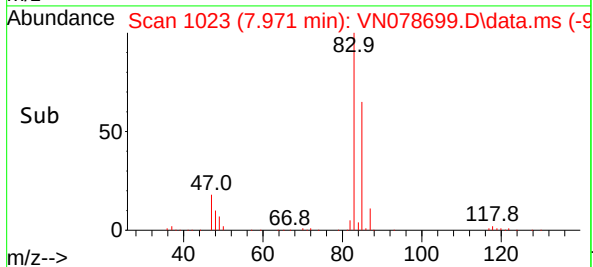
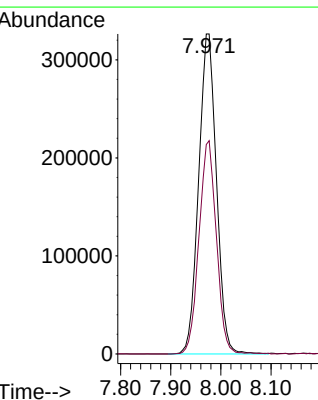
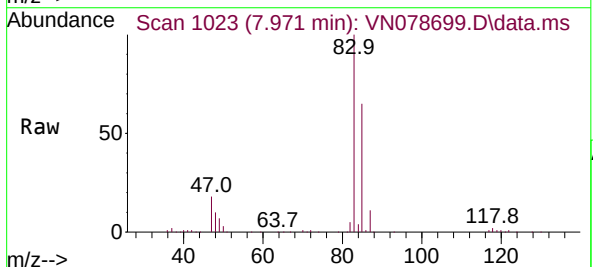
Acq: 31 Jul 2023 12:16

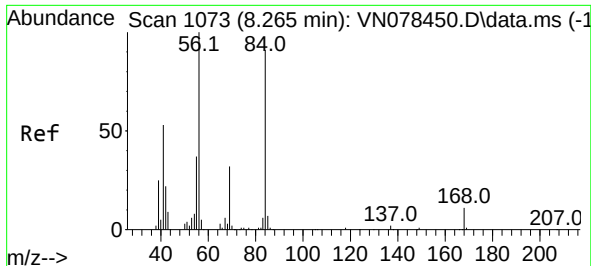
Tgt Ion: 83 Resp: 804955

Ion Ratio Lower Upper

83 100

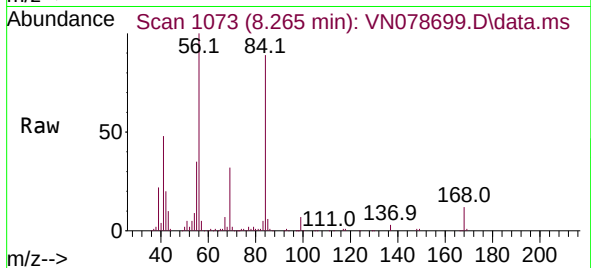
85 65.5 55.4 83.0





#31
Cyclohexane
Concen: 46.080 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

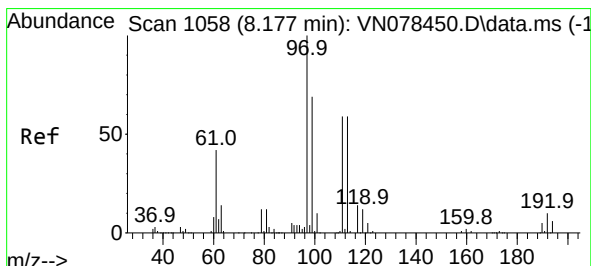
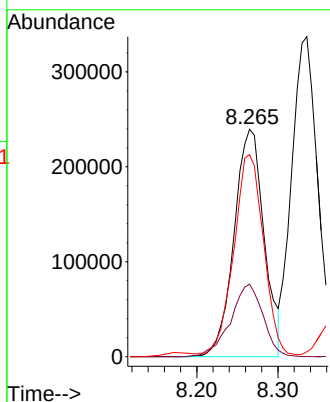
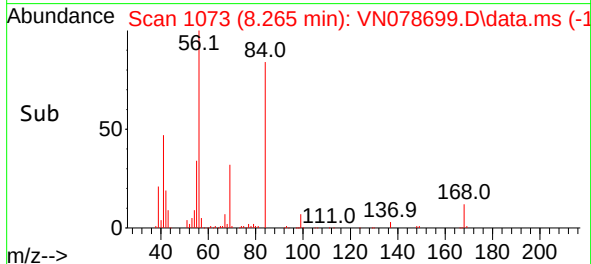
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



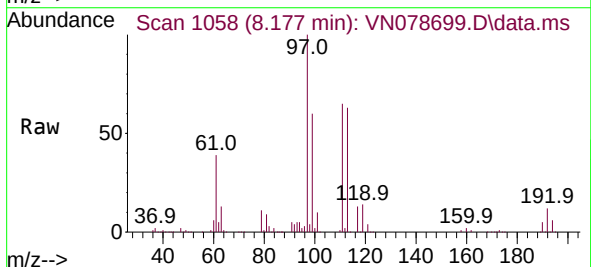
Tgt Ion: 56 Resp: 616380
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 87.1 81.8 122.6

Manual Integrations
APPROVED

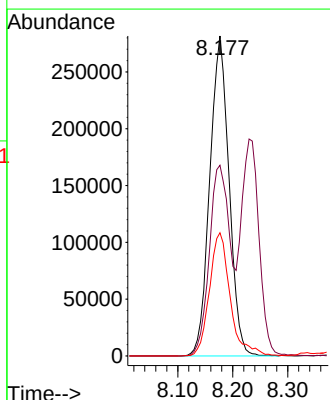
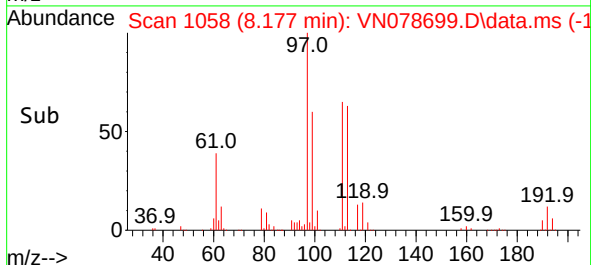
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

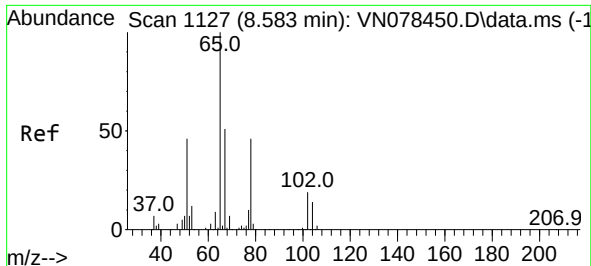


#32
1,1,1-Trichloroethane
Concen: 45.711 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



Tgt Ion: 97 Resp: 685313
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 41.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.494 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 470080

Ion Ratio Lower Upper

65 100

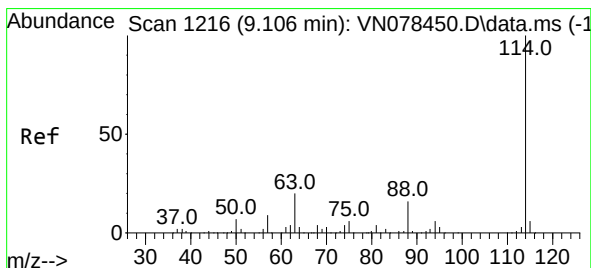
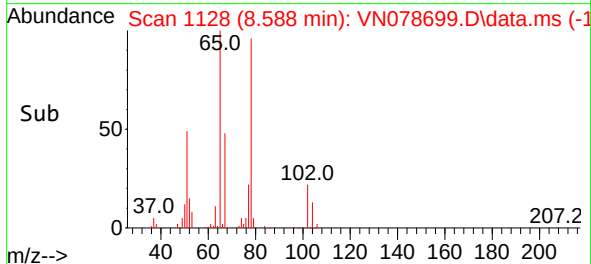
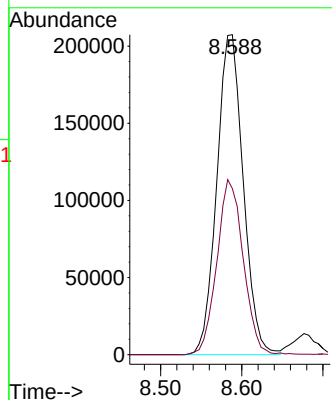
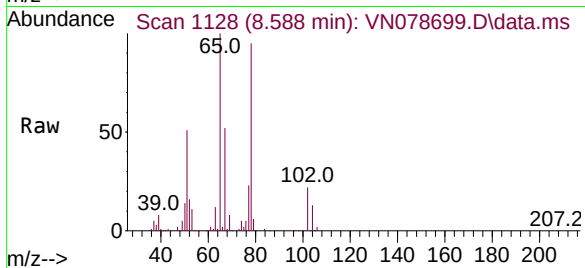
67 54.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

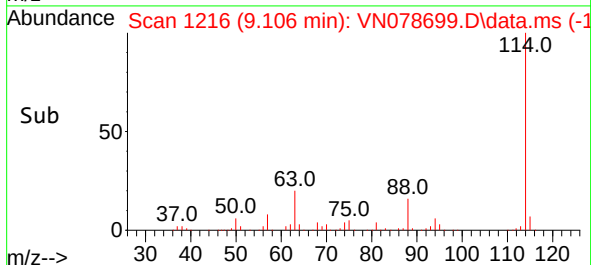
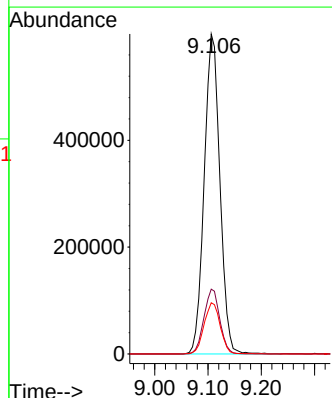
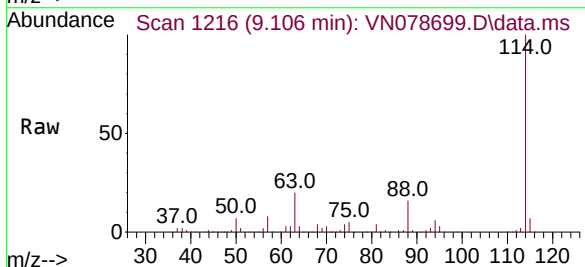
Tgt Ion:114 Resp: 1225417

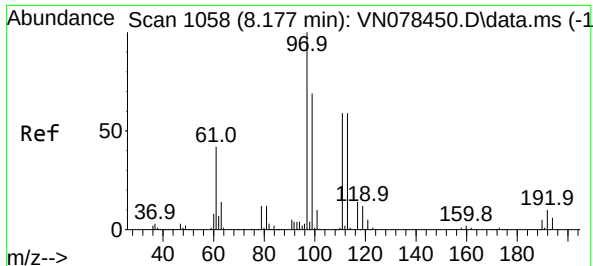
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.924 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 423609

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

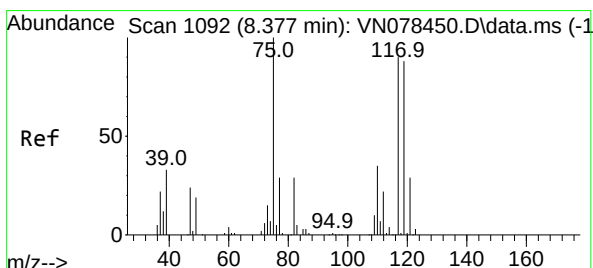
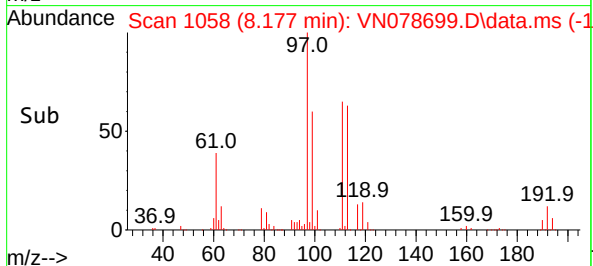
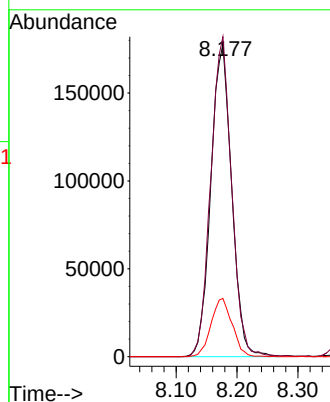
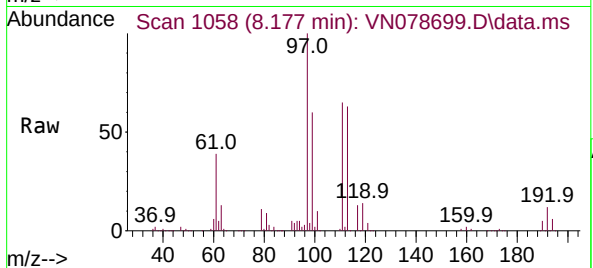
192 18.9 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#36

1,1-Dichloropropene

Concen: 48.058 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

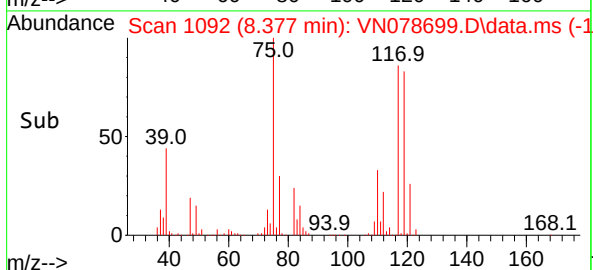
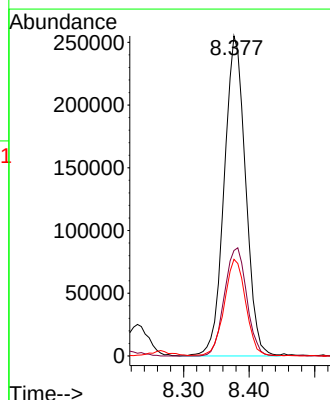
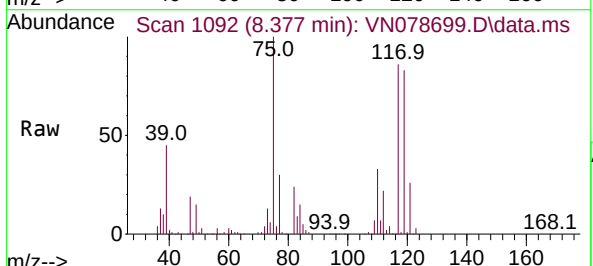
Tgt Ion: 75 Resp: 577232

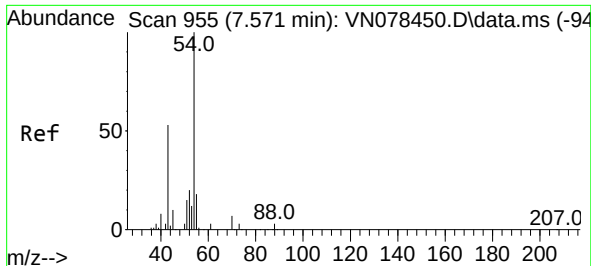
Ion Ratio Lower Upper

75 100

110 35.1 19.1 57.3

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 50.314 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078699.D

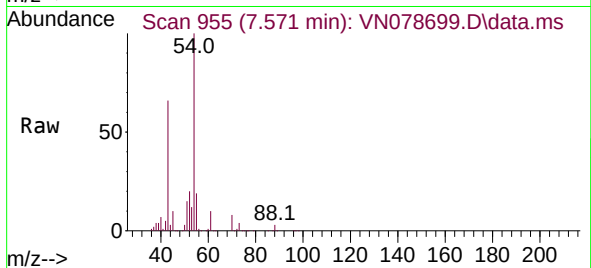
Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



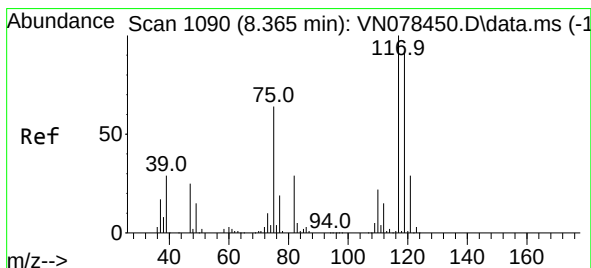
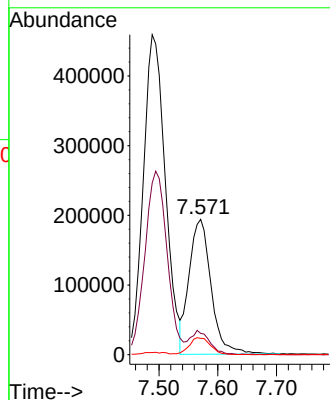
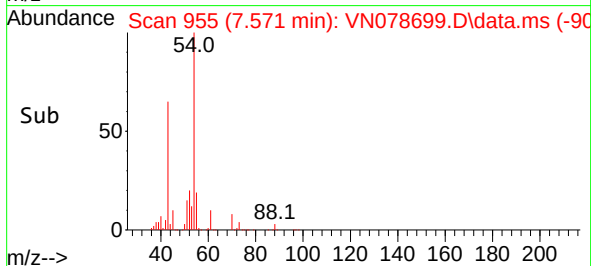
Tgt Ion:	43	Resp:	50377
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.2	19.8
70	12.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#38

Carbon Tetrachloride

Concen: 46.278 ug/l

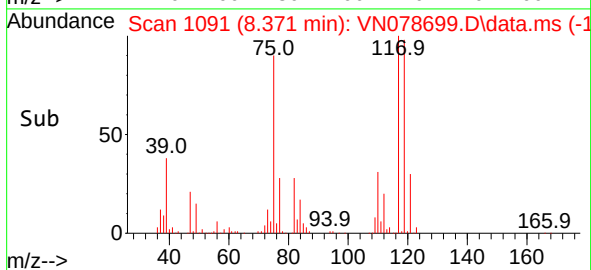
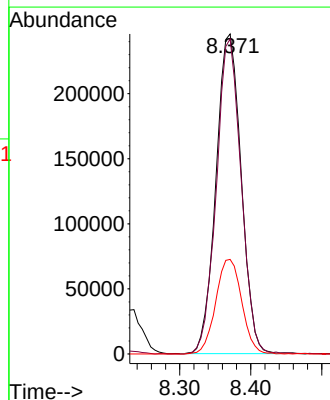
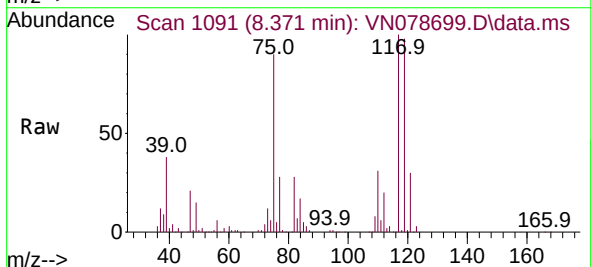
RT: 8.371 min Scan# 1091

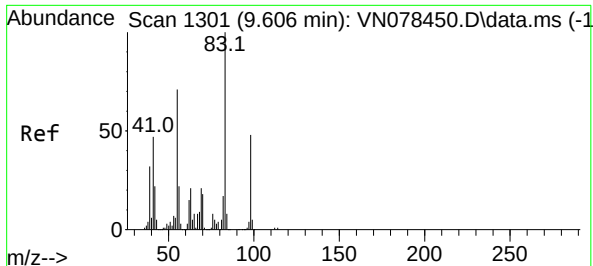
Delta R.T. 0.006 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

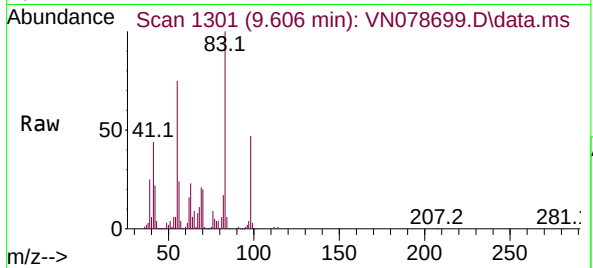
Tgt Ion:	117	Resp:	604127
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.3	115.9
121	29.6	23.3	34.9





#39
Methylcyclohexane
Concen: 50.719 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

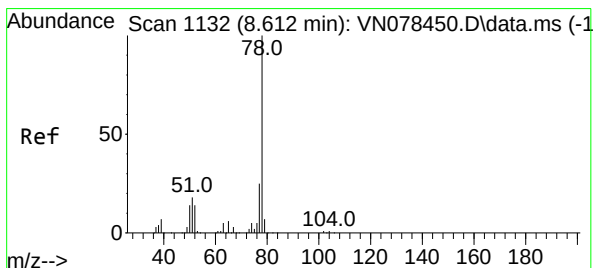
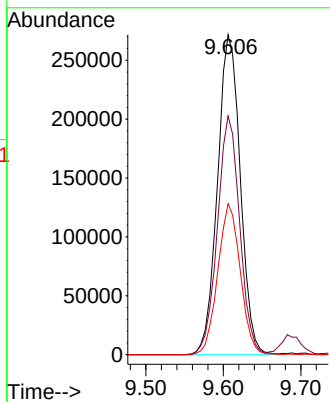
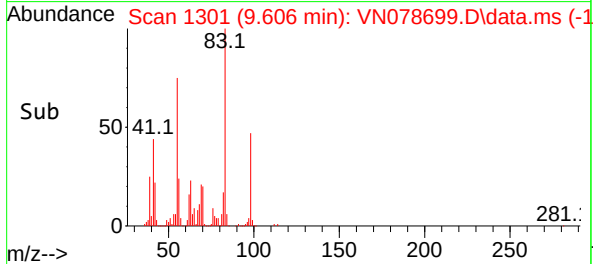
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 556064
Ion Ratio Lower Upper
83 100
55 74.6 49.1 73.7
98 47.2 40.6 61.0

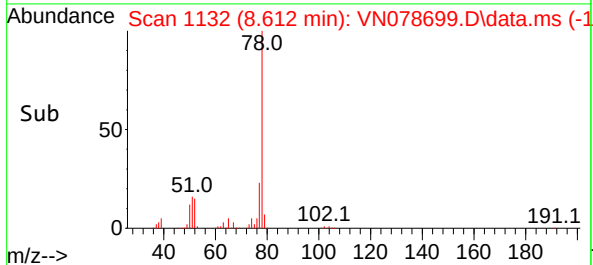
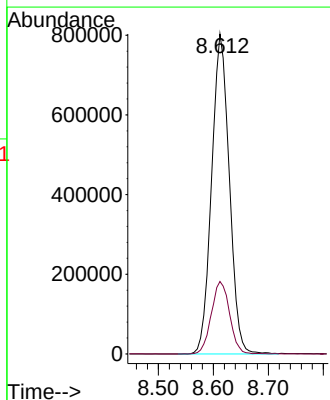
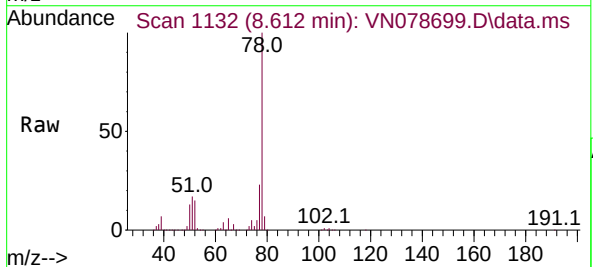
Manual Integrations
APPROVED

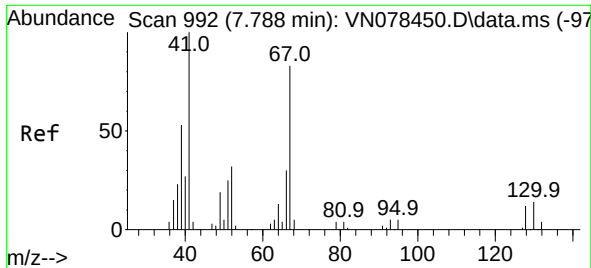
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#40
Benzene
Concen: 50.445 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

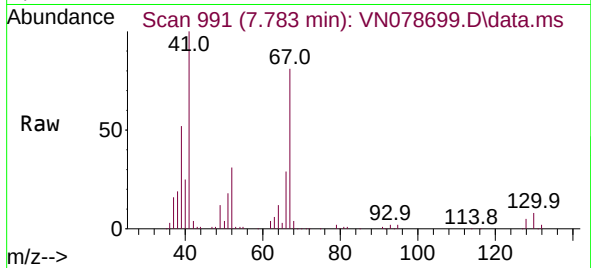
Tgt Ion: 78 Resp: 1795051
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6





#41
Methacrylonitrile
Concen: 52.431 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

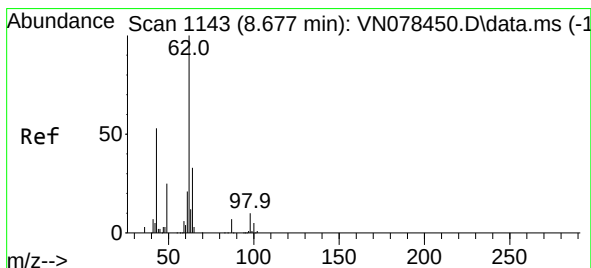
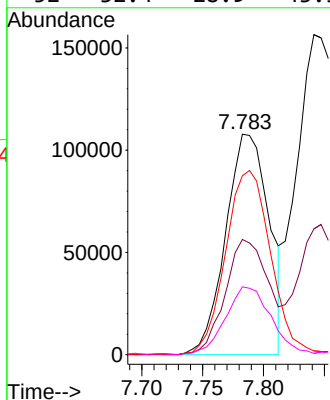
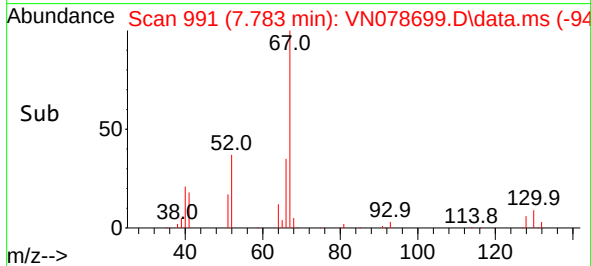
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 267628
Ion Ratio Lower Upper
41 100
39 51.6 42.6 64.0
67 87.0 77.5 116.3
52 32.4 28.9 43.3

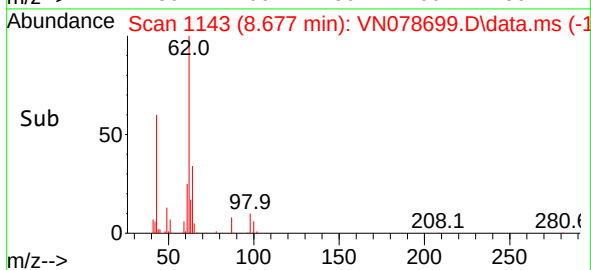
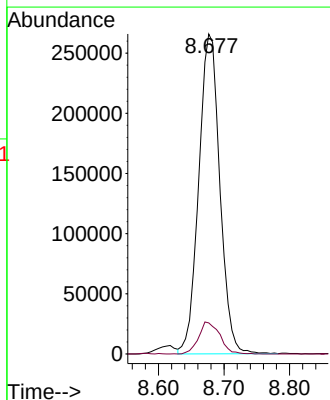
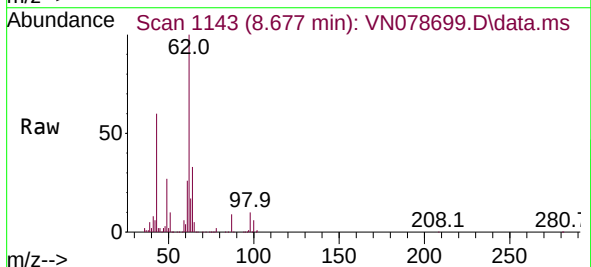
Manual Integrations
APPROVED

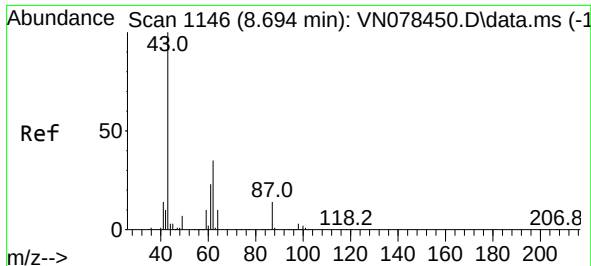
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
1,2-Dichloroethane
Concen: 49.187 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Tgt Ion: 62 Resp: 595337
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





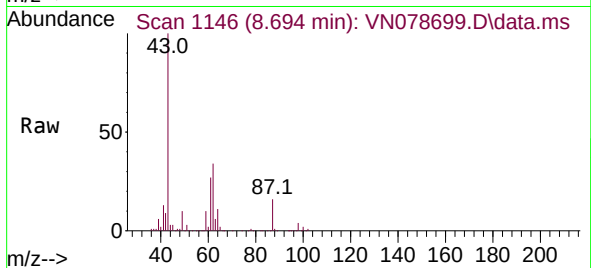
#43
Isopropyl Acetate
Concen: 50.512 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



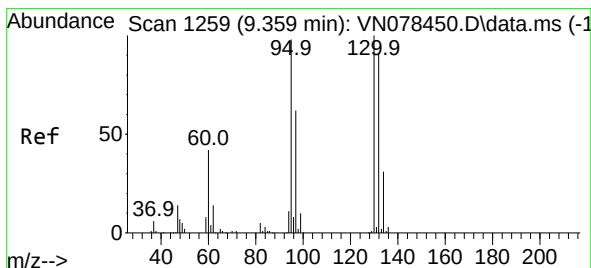
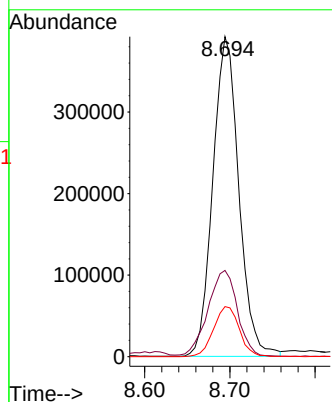
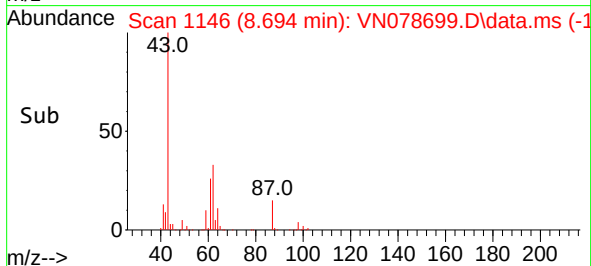
Tgt Ion: 43 Resp: 83267
Ion Ratio Lower Upper
43 100
61 30.6 24.7 37.1
87 15.5 14.6 21.8

Manual Integrations

APPROVED

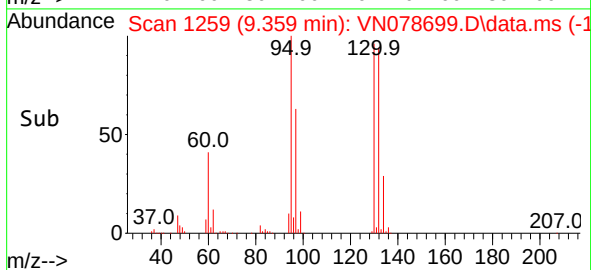
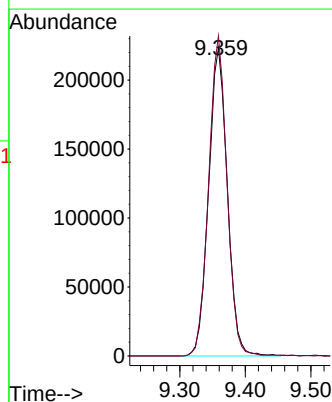
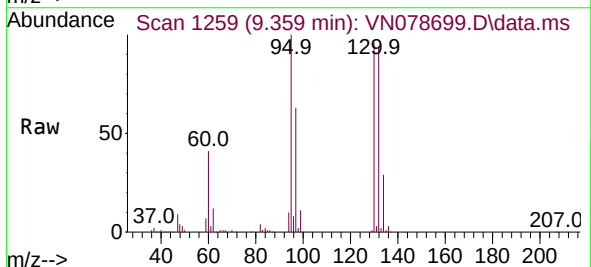
Reviewed By :John Carlone 08/01/2023

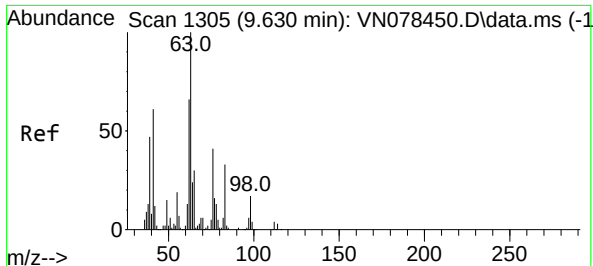
Supervised By :Mahesh Dadoda 08/01/2023



#44
Trichloroethene
Concen: 46.253 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Tgt Ion:130 Resp: 443599
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.467 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 481870

Ion Ratio Lower Upper

63 100

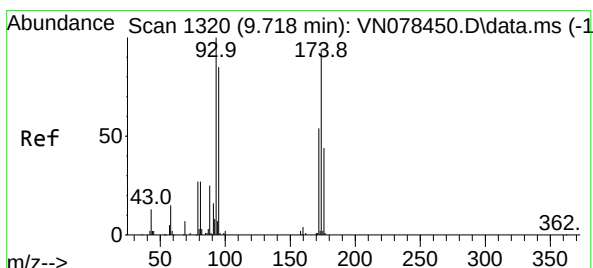
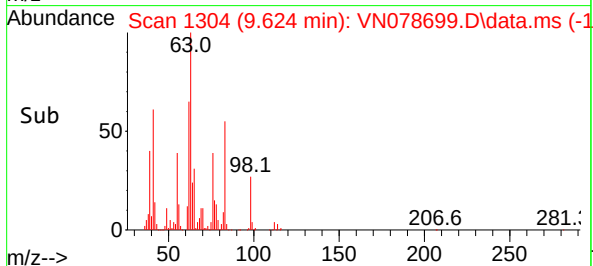
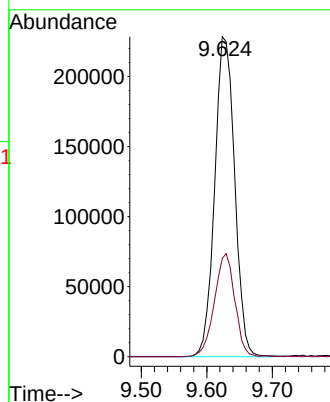
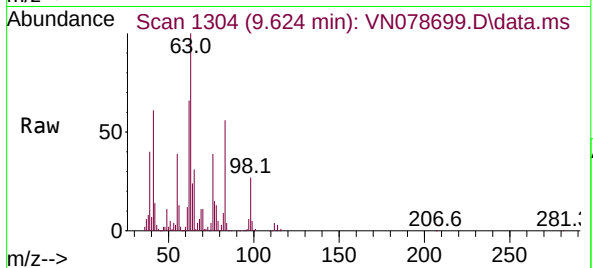
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#46

Dibromomethane

Concen: 49.713 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

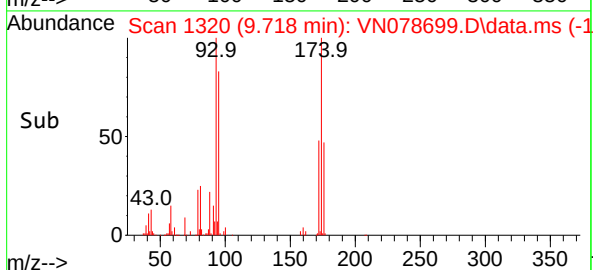
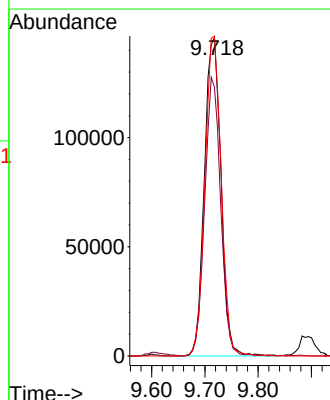
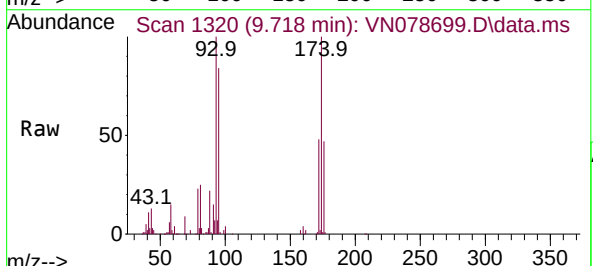
Tgt Ion: 93 Resp: 315345

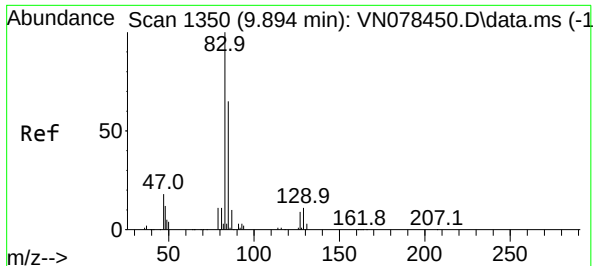
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

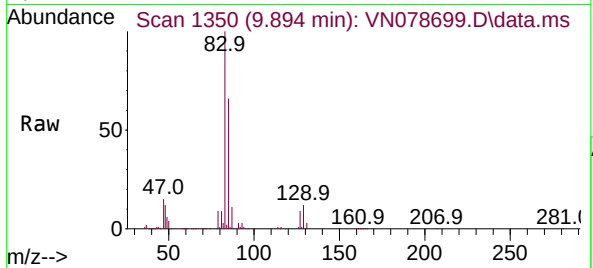
174 98.3 65.6 98.4





#47
Bromodichloromethane
Concen: 50.422 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

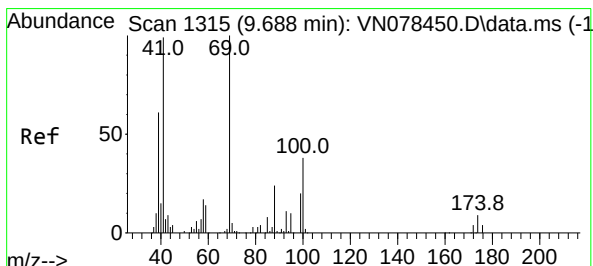
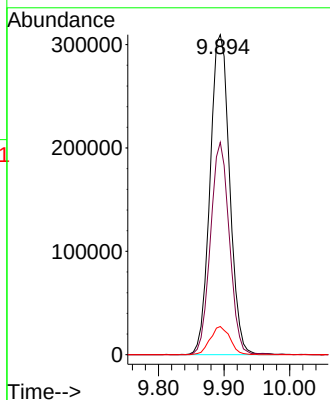
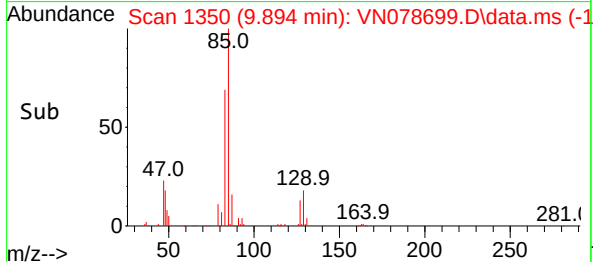
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 641144
Ion Ratio Lower Upper
83 100
85 66.3 49.6 74.4
127 8.8 7.0 10.6

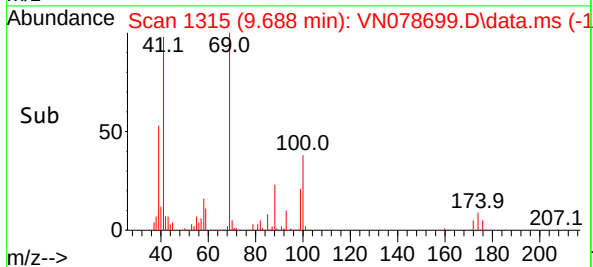
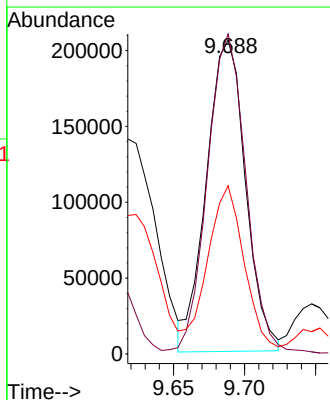
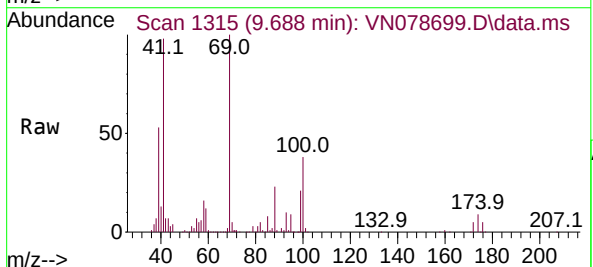
Manual Integrations
APPROVED

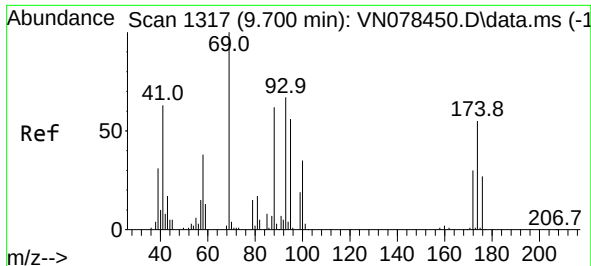
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#48
Methyl methacrylate
Concen: 51.591 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

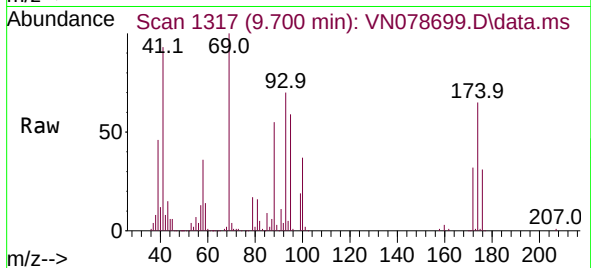
Tgt Ion: 41 Resp: 394008
Ion Ratio Lower Upper
41 100
69 101.2 90.4 135.6
39 51.4 54.6 81.8





#49
1,4-Dioxane
Concen: 892.144 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

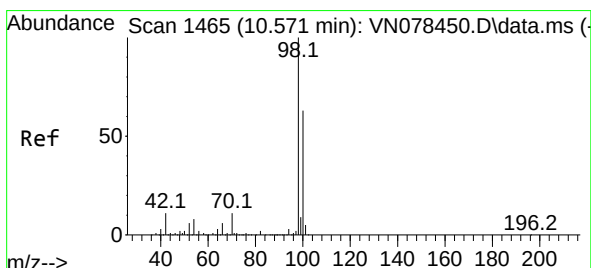
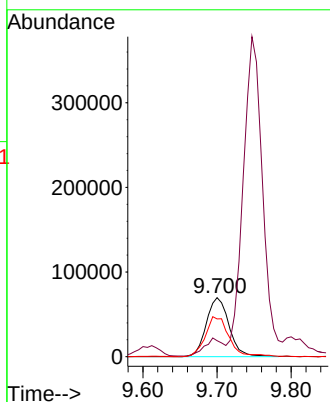
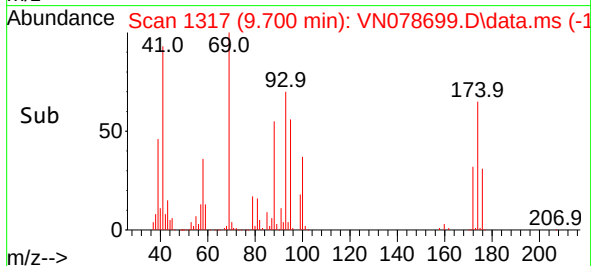
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



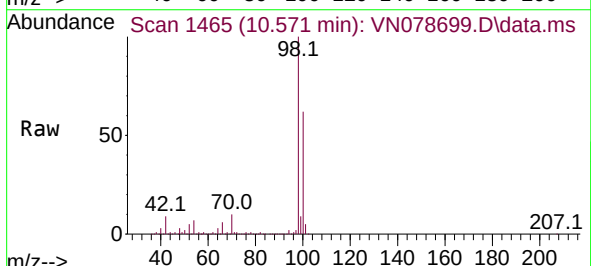
Tgt Ion: 88 Resp: 148589
Ion Ratio Lower Upper
88 100
43 24.9 17.0 25.6
58 70.8 47.0 70.4

Manual Integrations
APPROVED

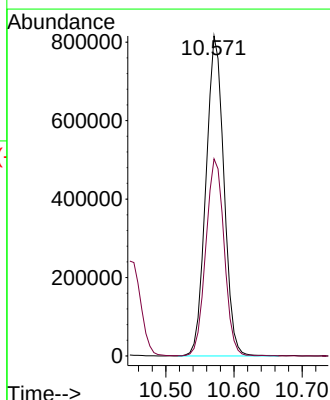
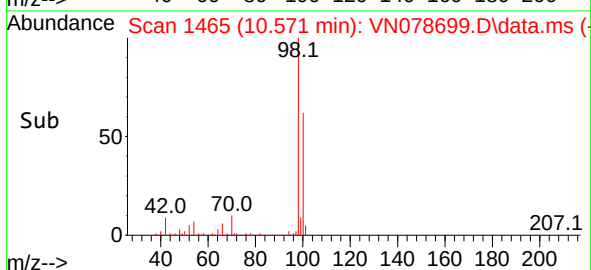
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

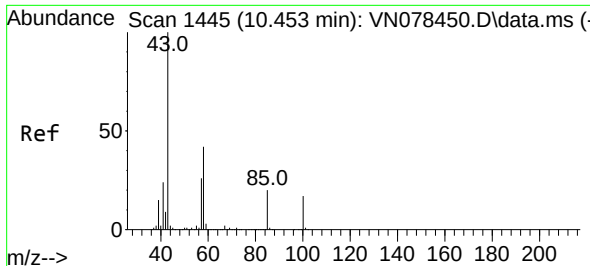


#50
Toluene-d8
Concen: 47.622 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



Tgt Ion: 98 Resp: 1496504
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





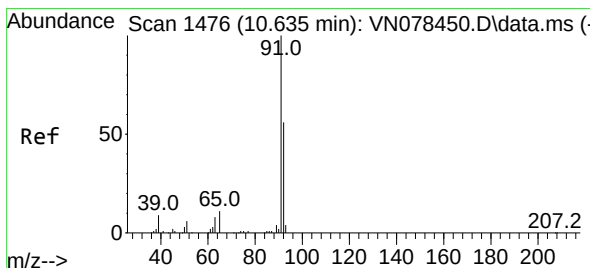
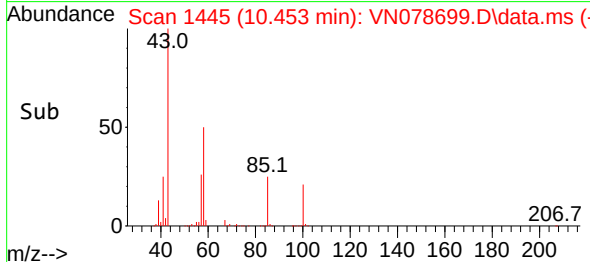
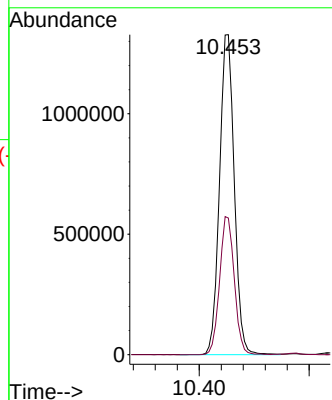
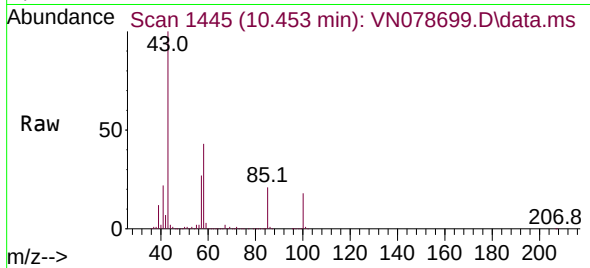
#51
4-Methyl-2-Pentanone
Concen: 252.226 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 247314
Ion Ratio Lower Upper
43 100
58 42.9 36.6 54.8

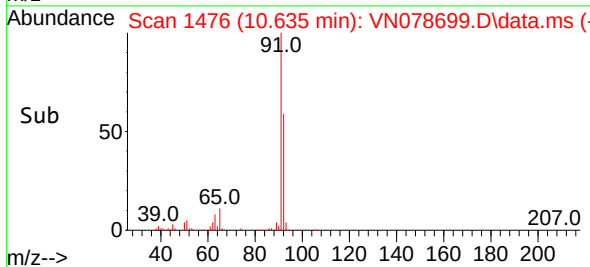
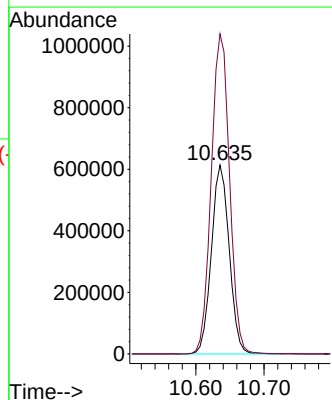
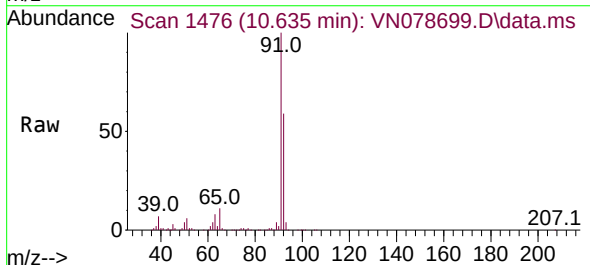
Manual Integrations
APPROVED

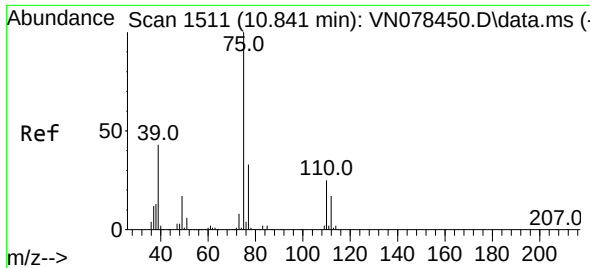
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Toluene
Concen: 50.638 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

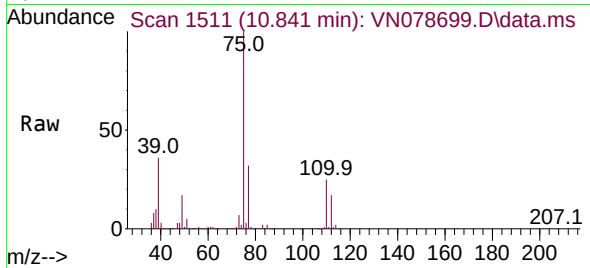
Tgt Ion: 92 Resp: 1116782
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.204 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

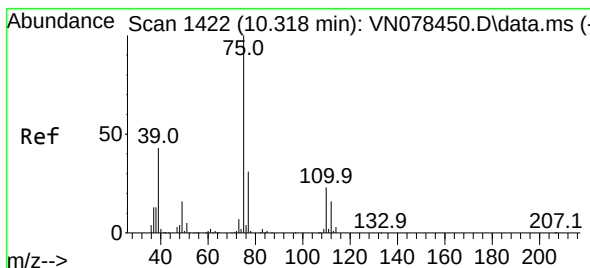
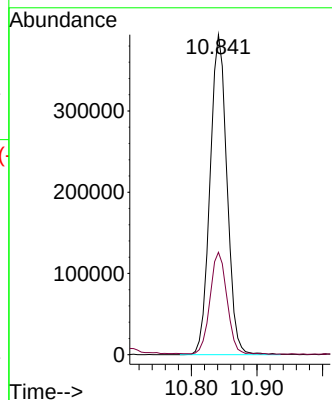
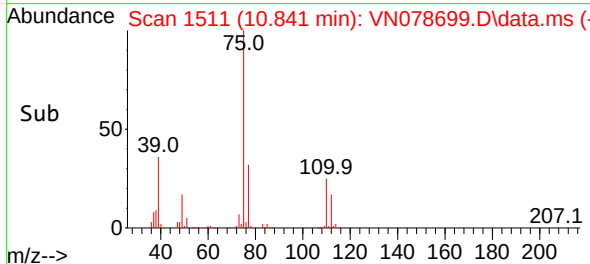
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 70609
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

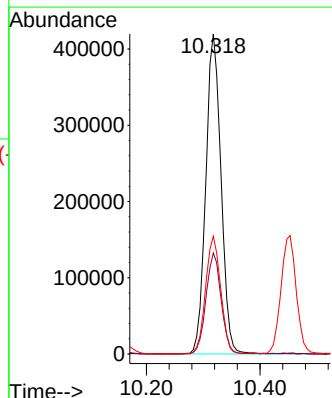
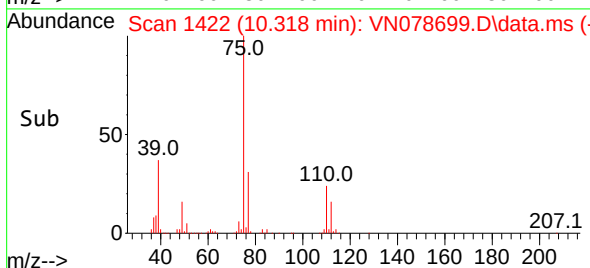
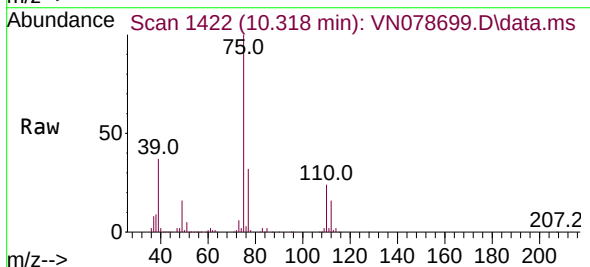
Manual Integrations
APPROVED

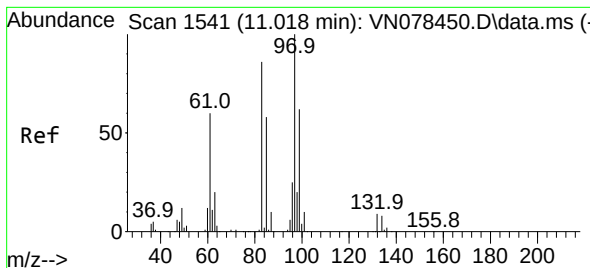
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
cis-1,3-Dichloropropene
Concen: 56.115 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

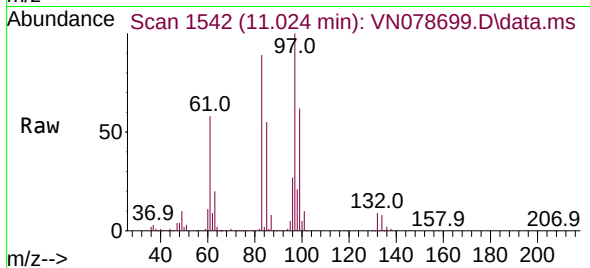
Tgt Ion: 75 Resp: 779190
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 36.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.910 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

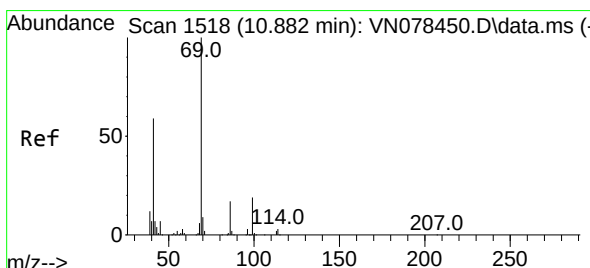
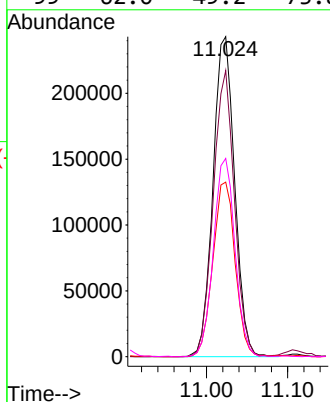
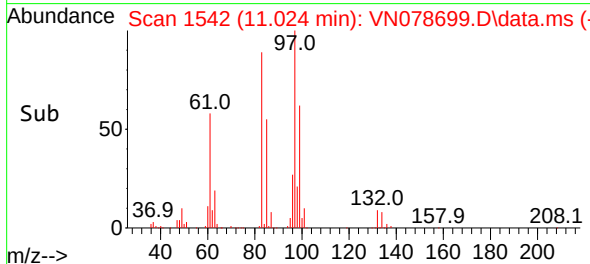
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 451059
Ion Ratio Lower Upper
97 100
83 89.4 65.1 97.7
85 54.6 43.4 65.2
99 62.0 49.2 73.8

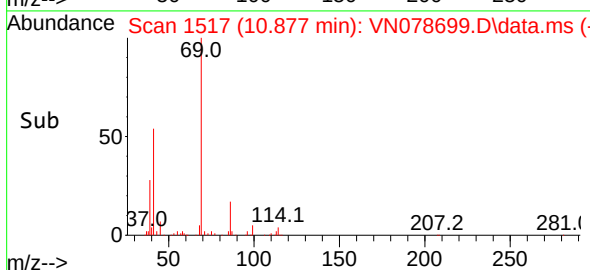
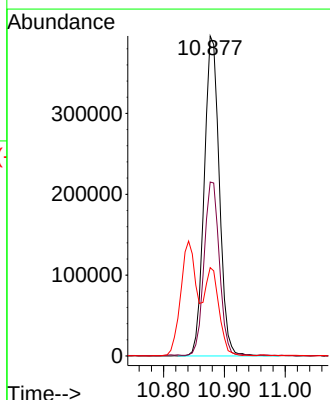
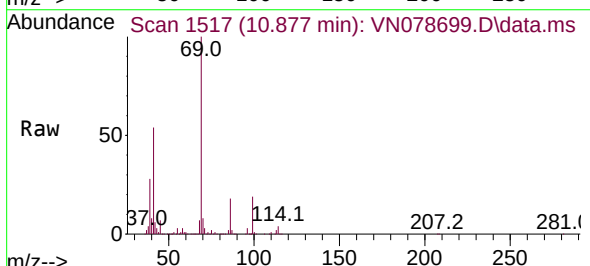
Manual Integrations
APPROVED

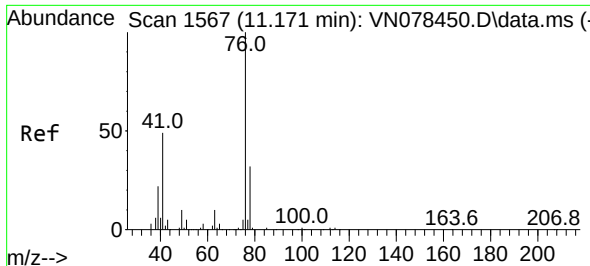
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#56
Ethyl methacrylate
Concen: 56.176 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Tgt Ion: 69 Resp: 682340
Ion Ratio Lower Upper
69 100
41 54.9 39.6 59.4
39 23.7 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 51.884 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 76655

Ion Ratio Lower Upper

76 100

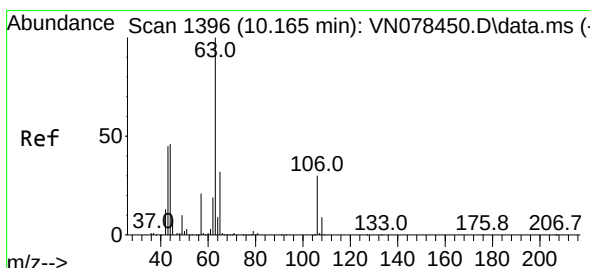
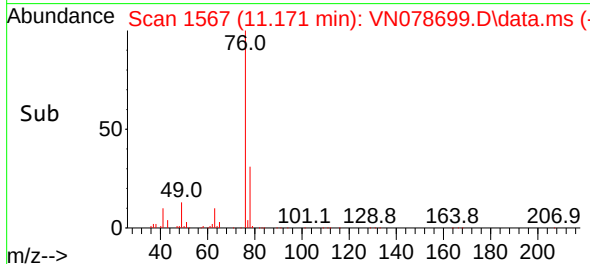
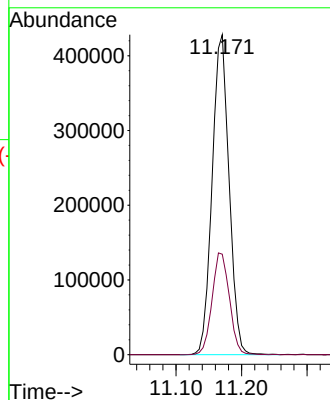
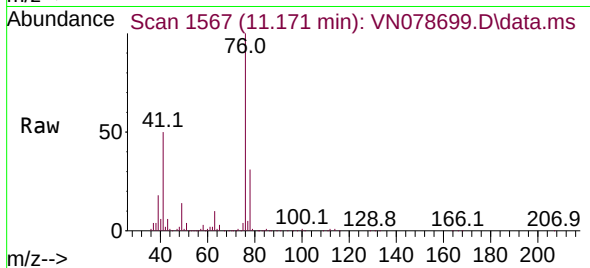
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 268.138 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078699.D

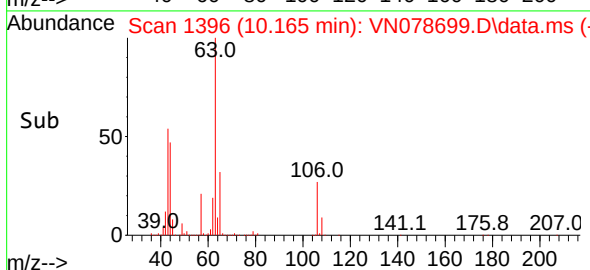
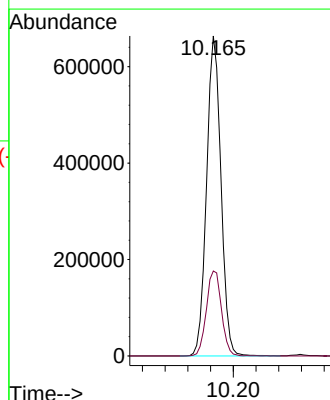
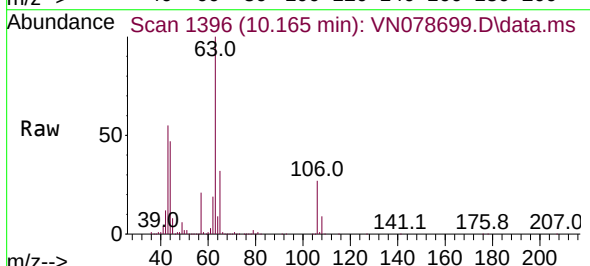
Acq: 31 Jul 2023 12:16

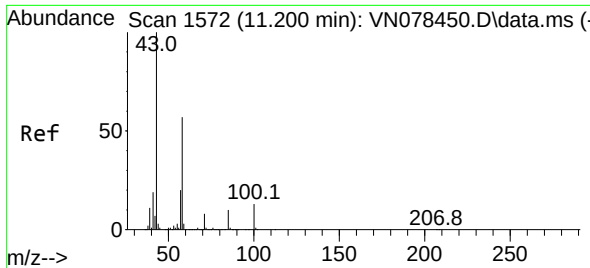
Tgt Ion: 63 Resp: 1160692

Ion Ratio Lower Upper

63 100

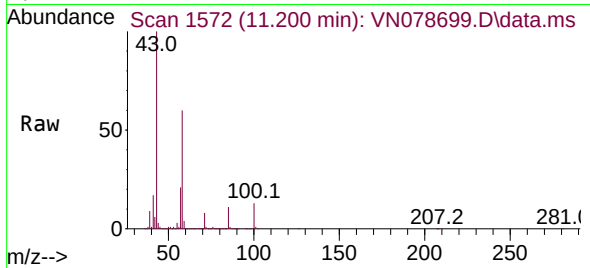
106 28.0 26.2 39.4





#59
2-Hexanone
Concen: 246.291 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

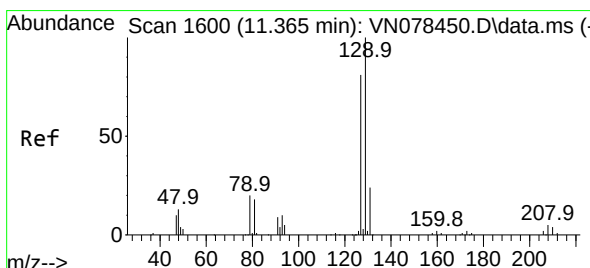
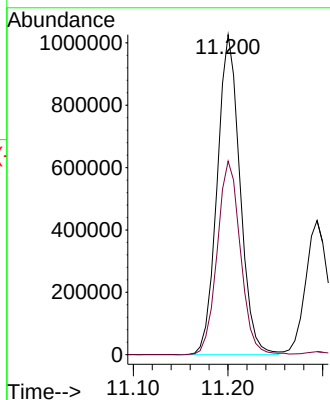
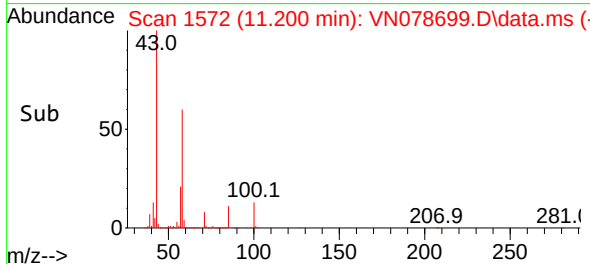
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1716338
Ion Ratio Lower Upper
43 100
58 61.6 31.7 95.1

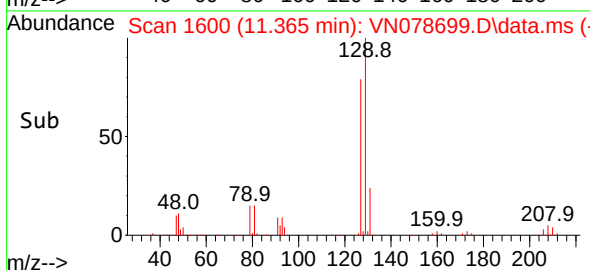
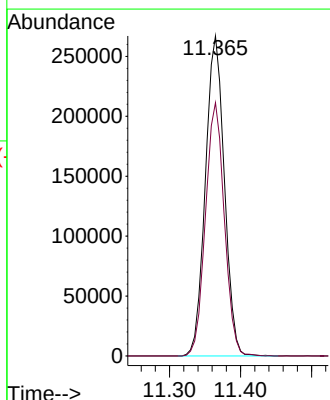
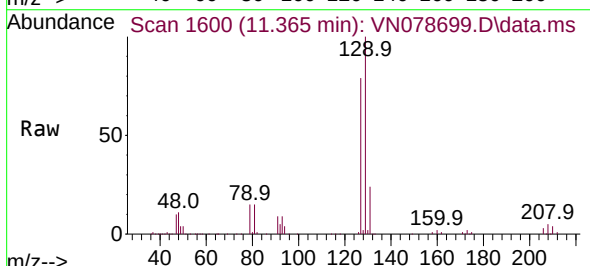
Manual Integrations
APPROVED

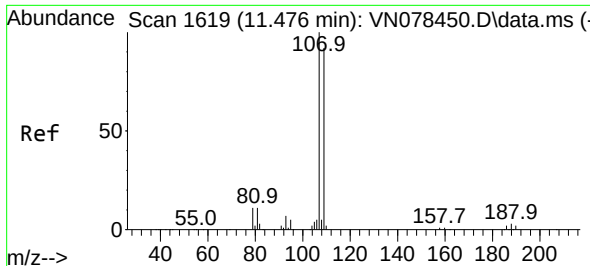
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
Dibromochloromethane
Concen: 51.593 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

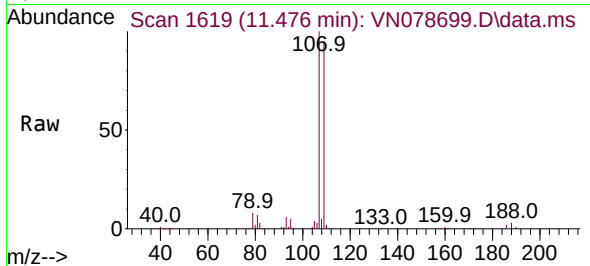
Tgt Ion:129 Resp: 494920
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.709 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

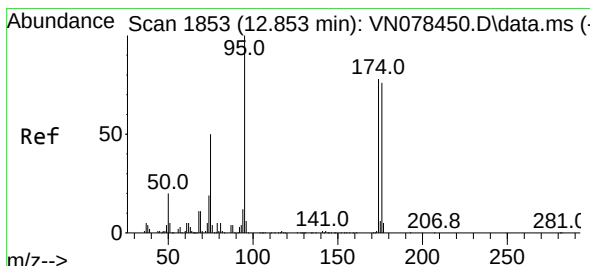
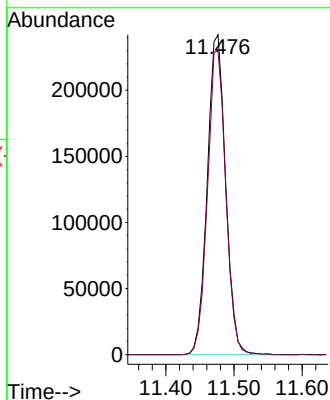
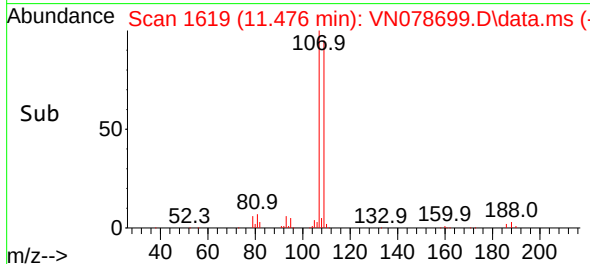
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



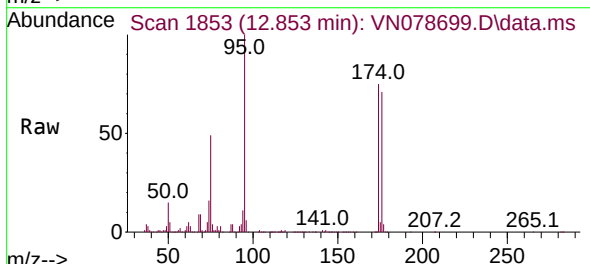
Tgt Ion:107 Resp: 453902
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

Manual Integrations
APPROVED

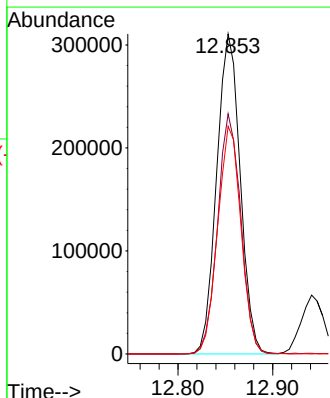
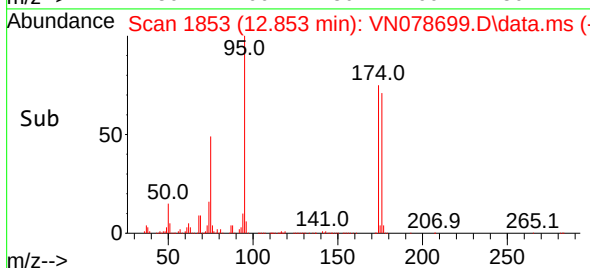
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

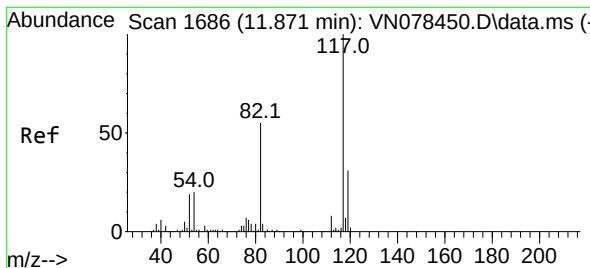


#62
4-Bromofluorobenzene
Concen: 55.488 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



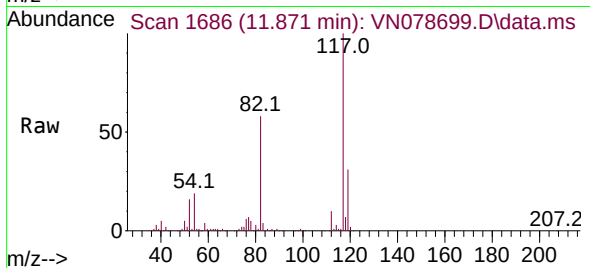
Tgt Ion: 95 Resp: 537094
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 70.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

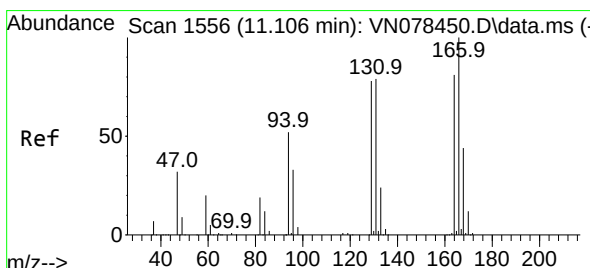
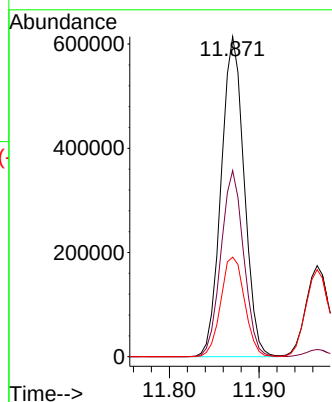
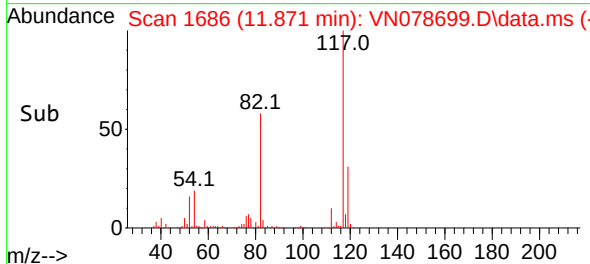
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 1093449
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 31.1 25.6 38.4

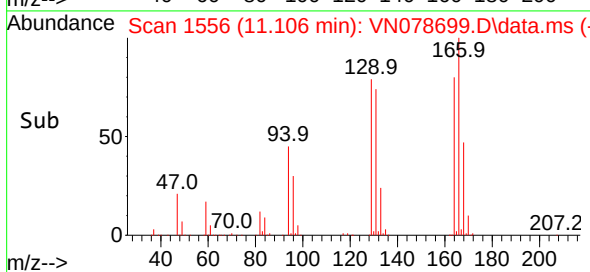
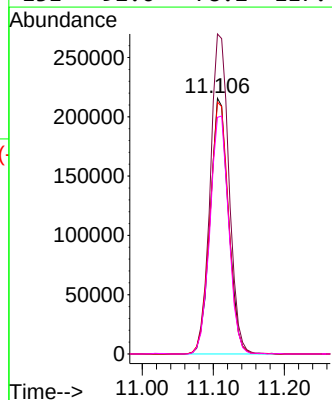
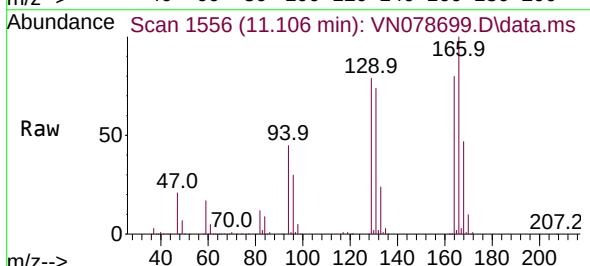
Manual Integrations
APPROVED

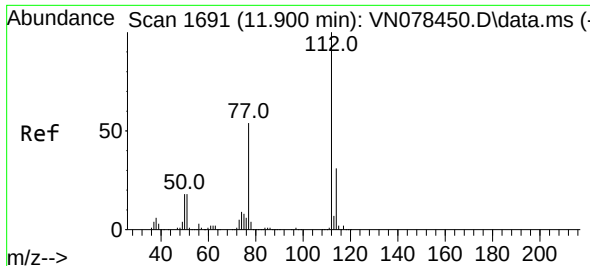
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#64
Tetrachloroethene
Concen: 46.858 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

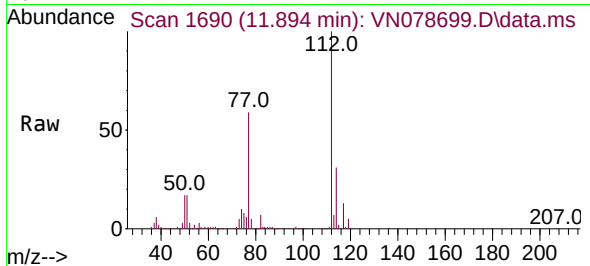
Tgt Ion:164 Resp: 385215
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 98.5 82.4 123.6
131 92.6 78.2 117.4





#65
Chlorobenzene
Concen: 47.962 ug/l
RT: 11.894 min Scan# 1172234
Delta R.T. -0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

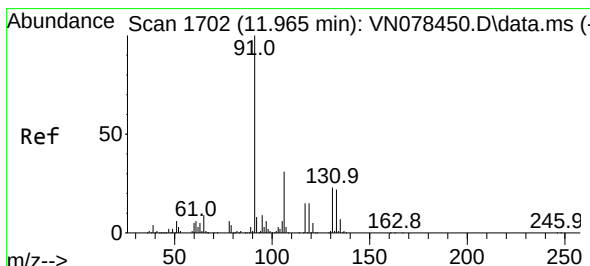
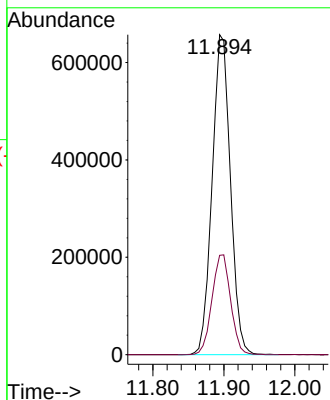
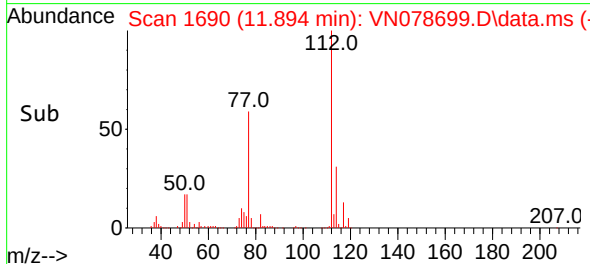
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



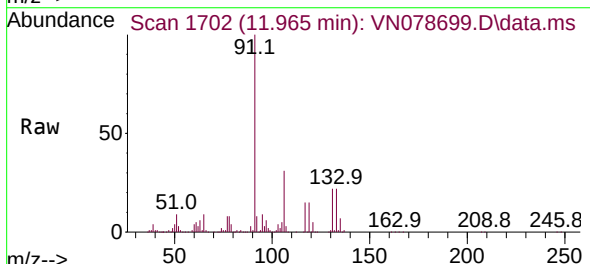
Tgt Ion:112 Resp: 1172234
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

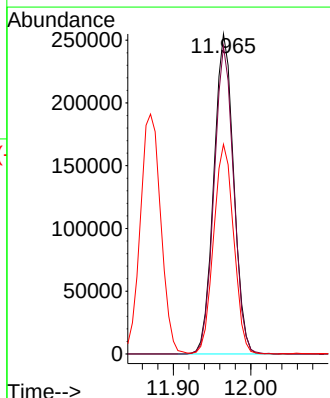
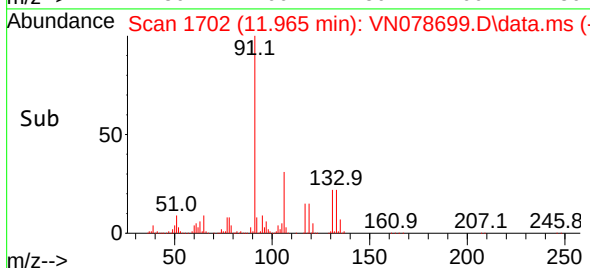
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

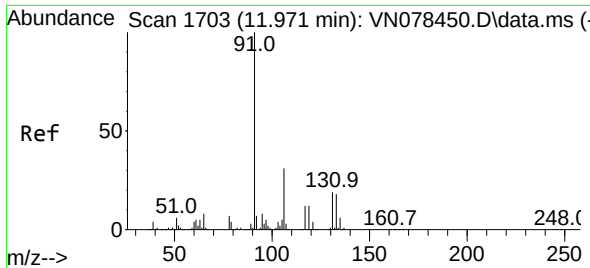


#66
1,1,1,2-Tetrachloroethane
Concen: 48.273 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



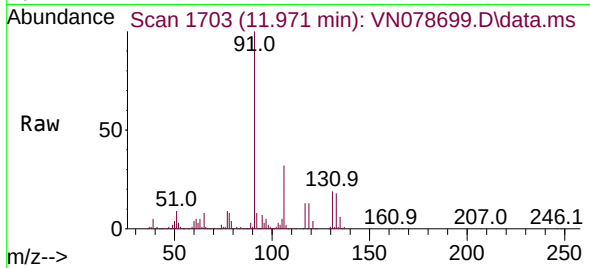
Tgt Ion:131 Resp: 453884
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 66.2 34.1 102.2





#67
Ethyl Benzene
Concen: 49.477 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

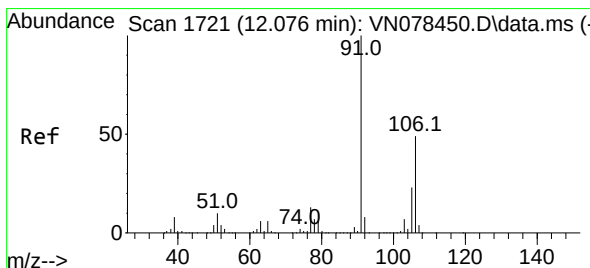
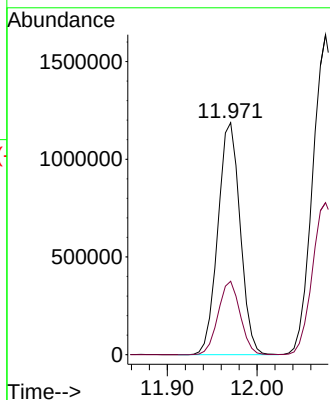
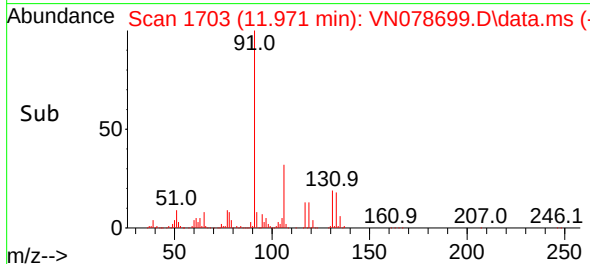
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



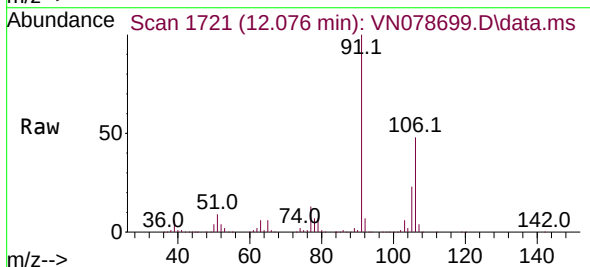
Tgt Ion: 91 Resp: 2044079
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

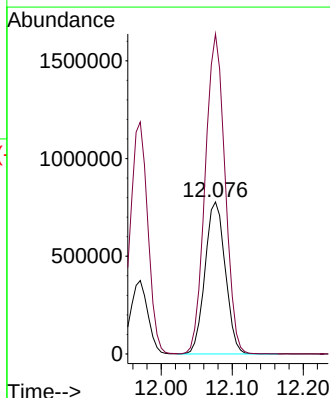
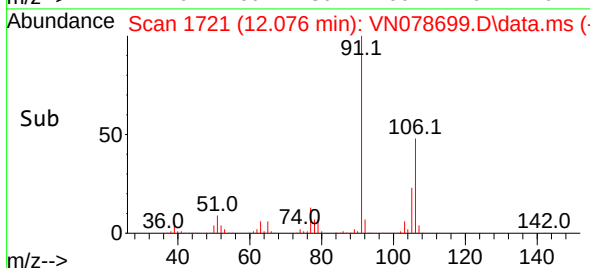
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

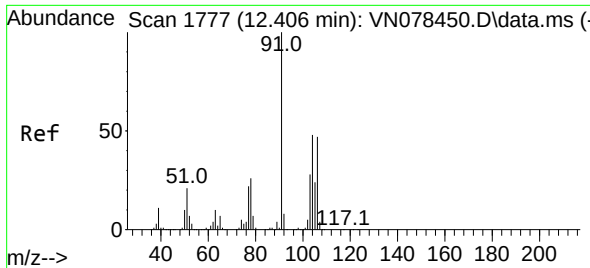


#68
m/p-Xylenes
Concen: 100.903 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



Tgt Ion:106 Resp: 1541279
Ion Ratio Lower Upper
106 100
91 206.0 159.6 239.4





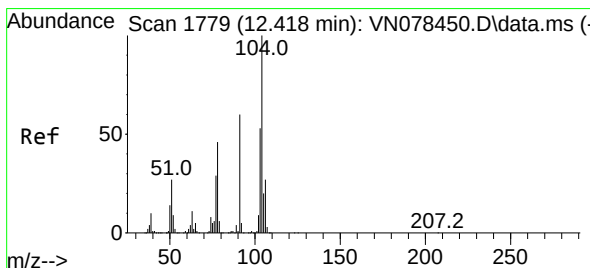
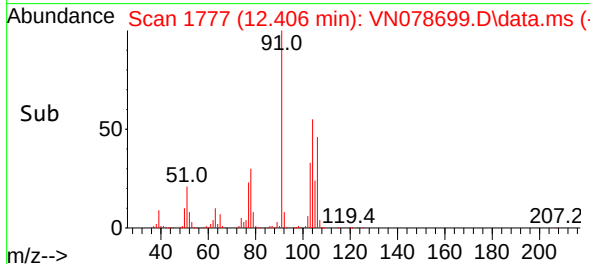
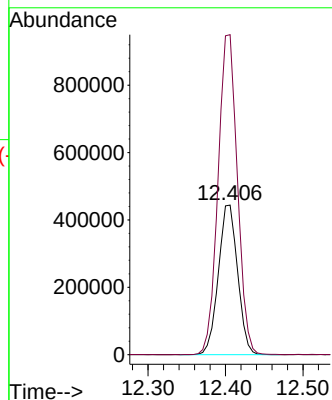
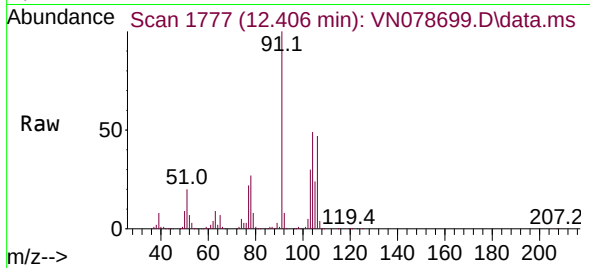
#69
o-Xylene
Concen: 49.725 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 767183
Ion Ratio Lower Upper
106 100
91 215.1 105.2 315.5

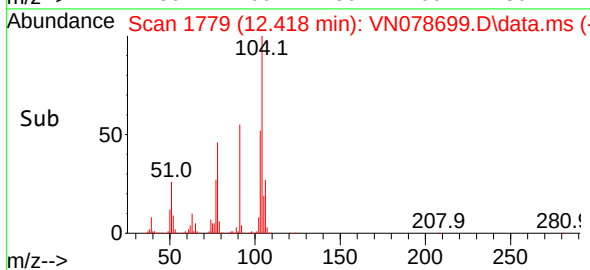
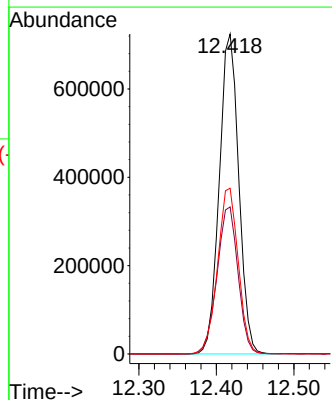
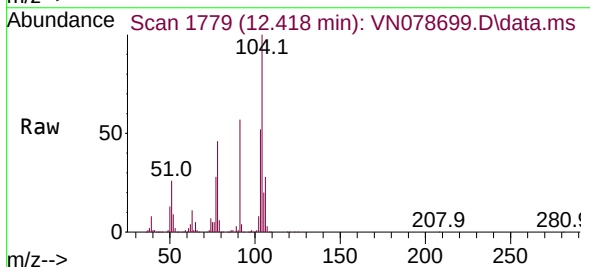
Manual Integrations
APPROVED

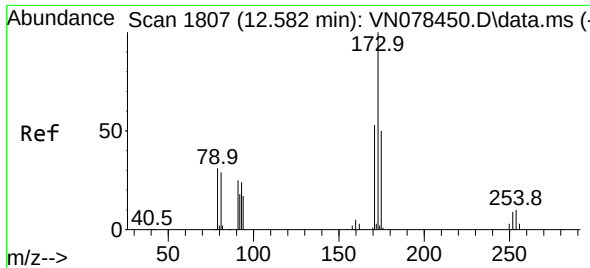
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#70
Styrene
Concen: 52.369 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

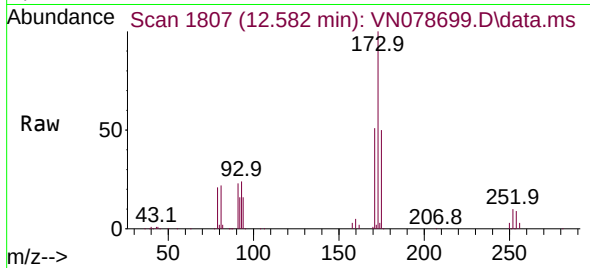
Tgt Ion:104 Resp: 1264043
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 51.811 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

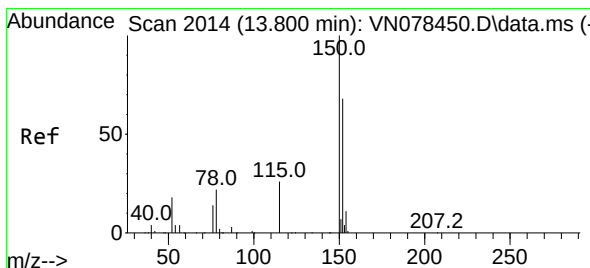
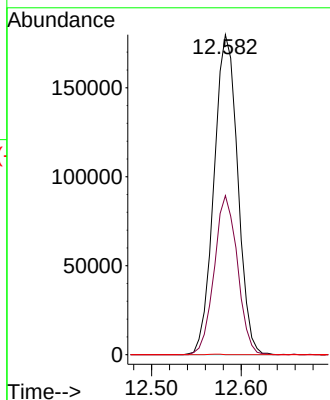
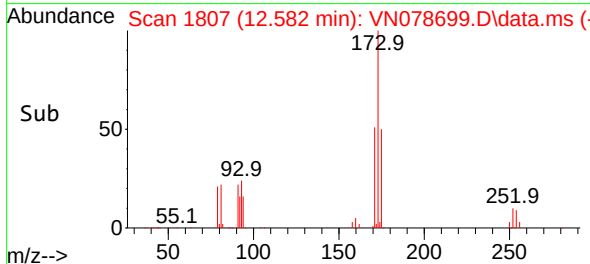
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 329927
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.1 0.0 0.0

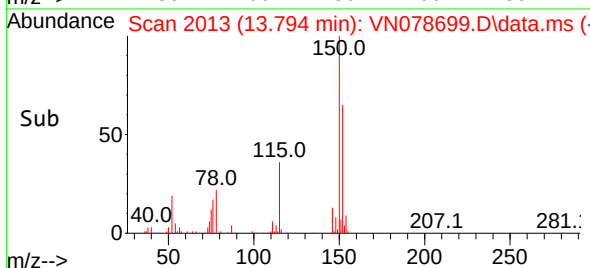
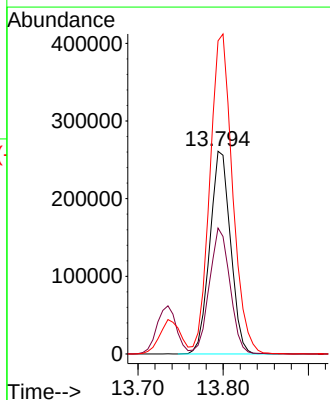
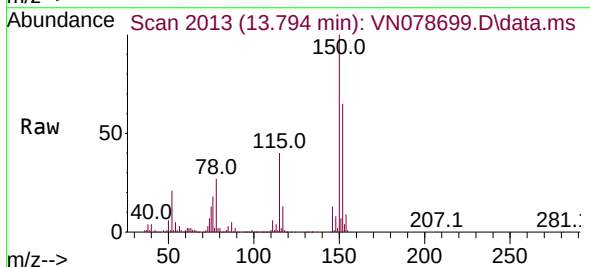
Manual Integrations
APPROVED

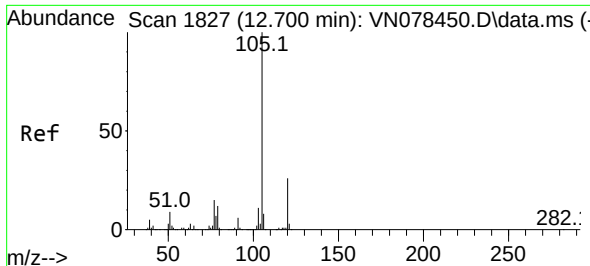
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

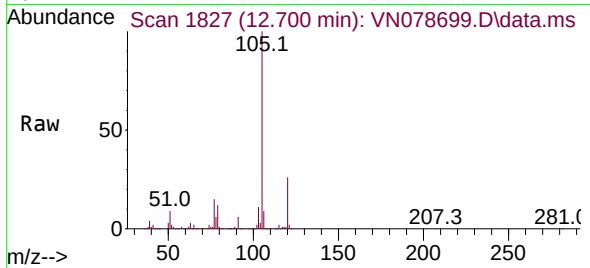
Tgt Ion:152 Resp: 442076
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 172.9 0.0 355.8





#73
Isopropylbenzene
Concen: 45.466 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

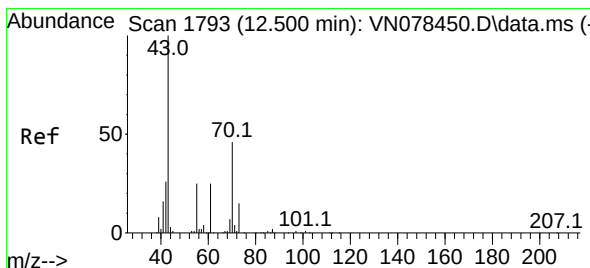
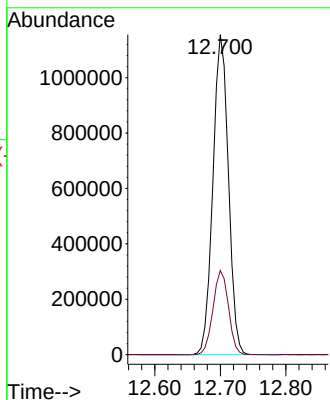
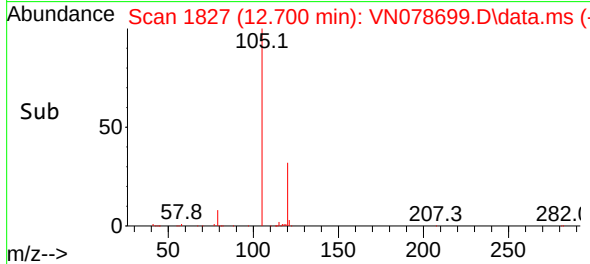
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



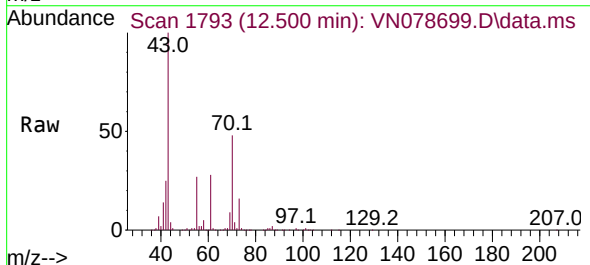
Tgt Ion:105 Resp: 1888609
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

Manual Integrations
APPROVED

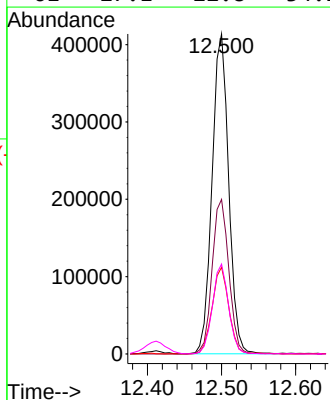
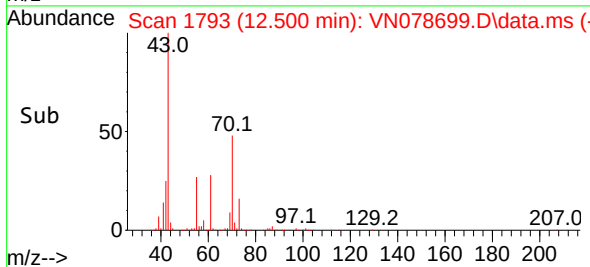
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

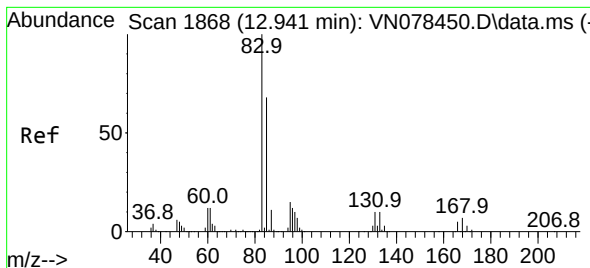


#74
N-ethyl acetate
Concen: 44.936 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



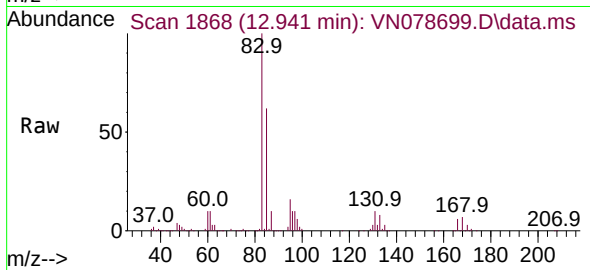
Tgt Ion: 43 Resp: 643273
Ion Ratio Lower Upper
43 100
70 48.7 43.4 65.2
55 27.5 21.4 32.0
61 27.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.866 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

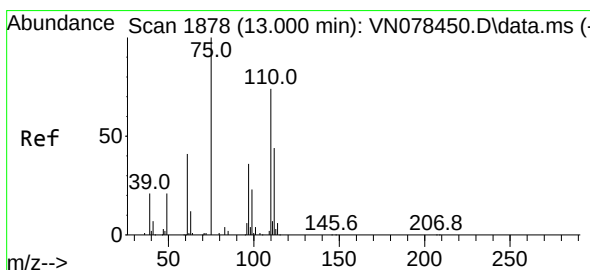
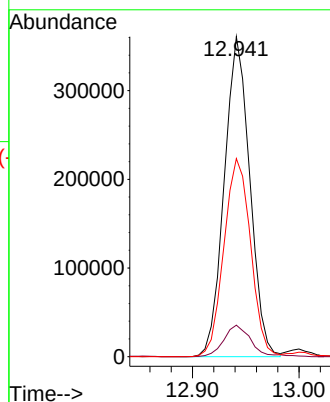
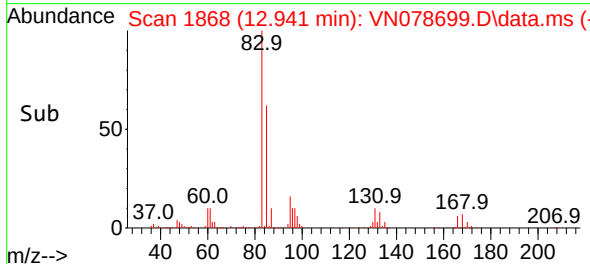
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



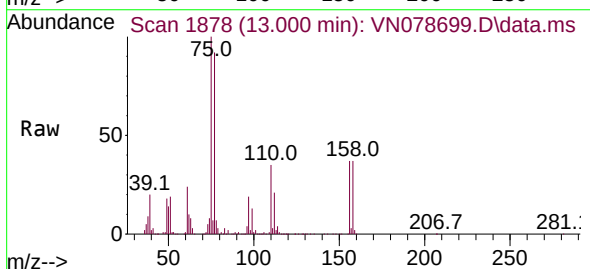
Tgt Ion: 83 Resp: 60041
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.7 31.9 95.7

Manual Integrations
APPROVED

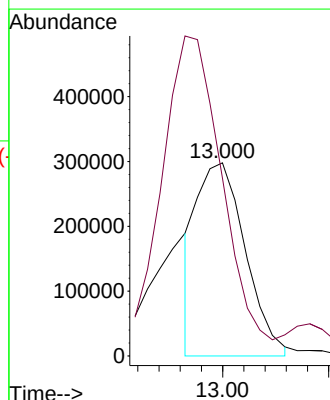
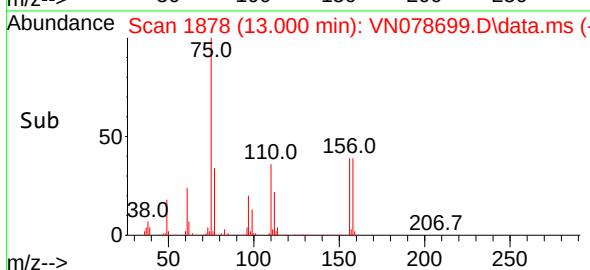
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

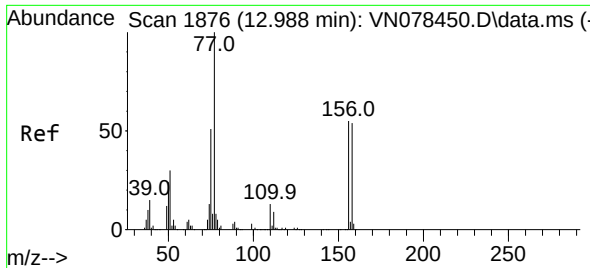


#76
1,2,3-Trichloropropane
Concen: 44.347 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



Tgt Ion: 75 Resp: 473872
Ion Ratio Lower Upper
75 100
77 209.7 84.5 253.5





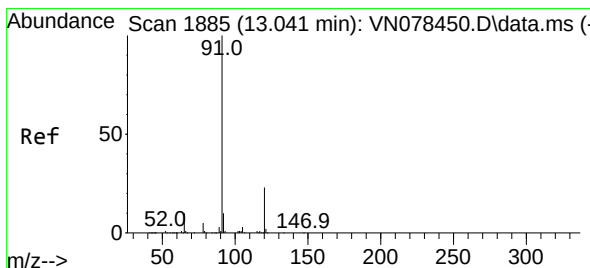
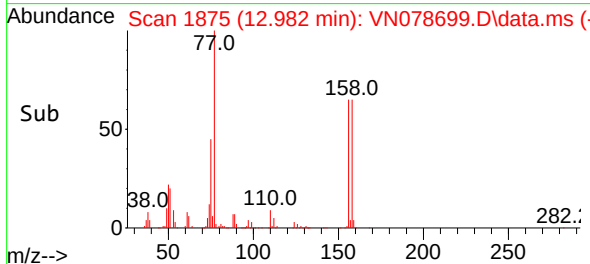
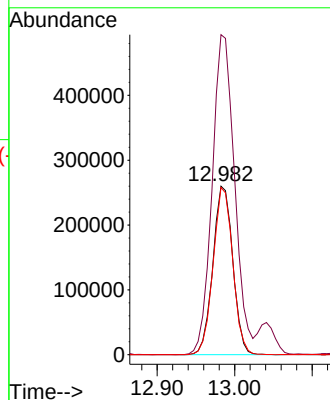
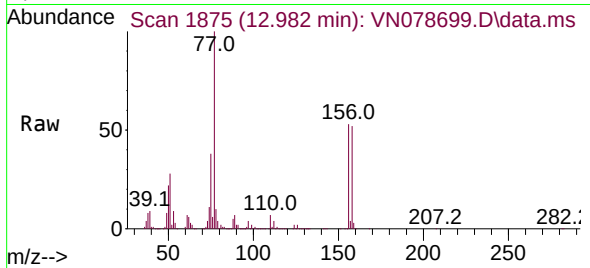
#77
Bromobenzene
Concen: 51.386 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 463800
Ion Ratio Lower Upper
156 100
77 214.2 107.7 323.3
158 97.9 48.4 145.3

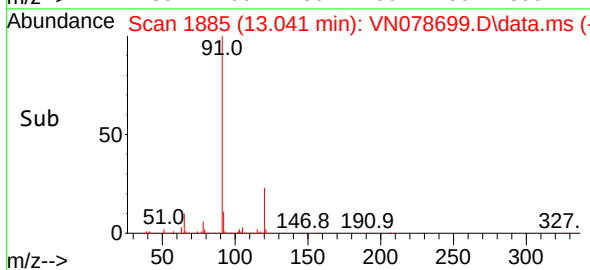
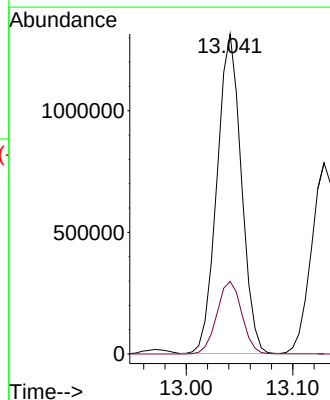
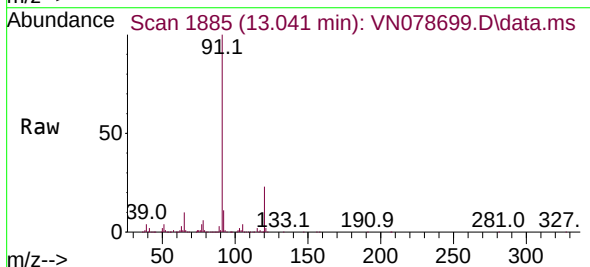
Manual Integrations
APPROVED

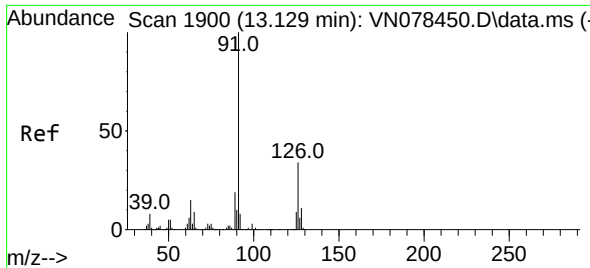
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#78
n-propylbenzene
Concen: 46.827 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

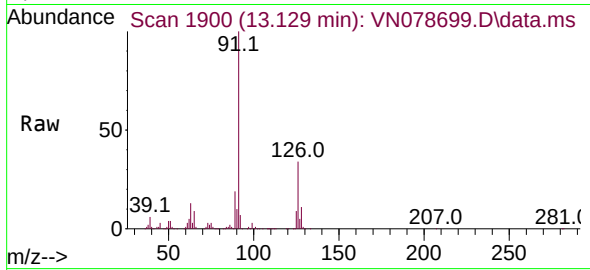
Tgt Ion: 91 Resp: 2080222
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 45.971 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

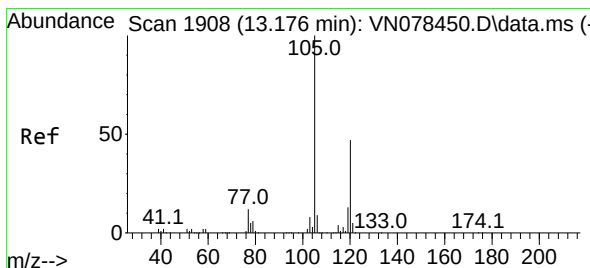
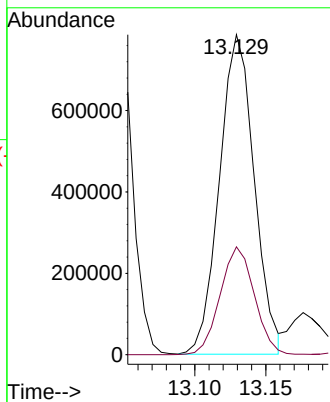
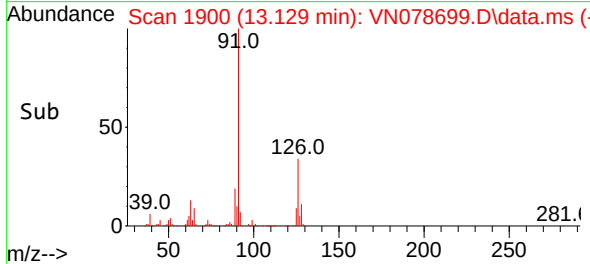
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



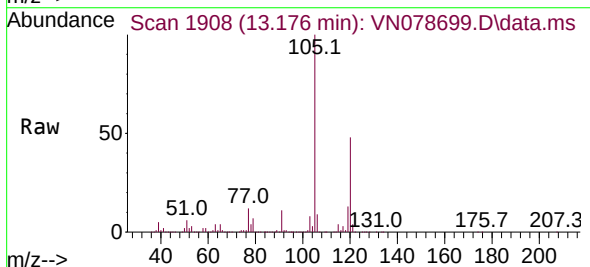
Tgt Ion: 91 Resp: 1337674
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

Manual Integrations
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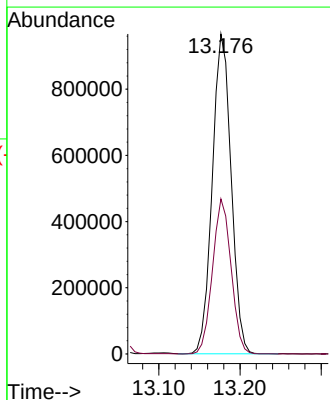
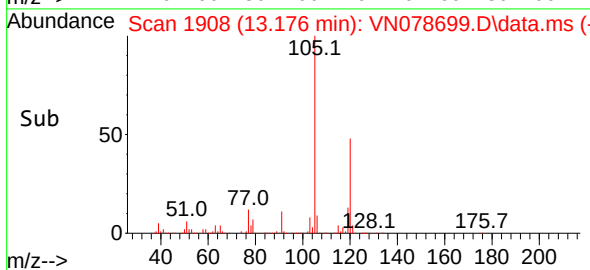
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

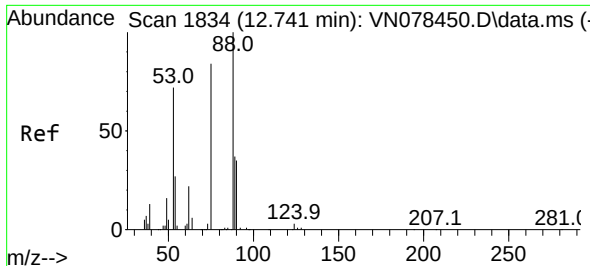


#80
1,3,5-Trimethylbenzene
Concen: 47.488 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



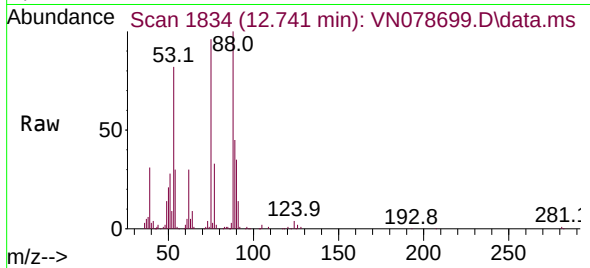
Tgt Ion:105 Resp: 1558626
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.097 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

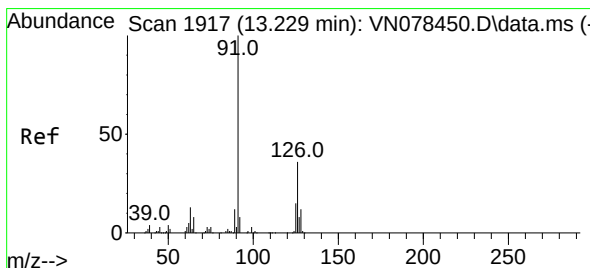
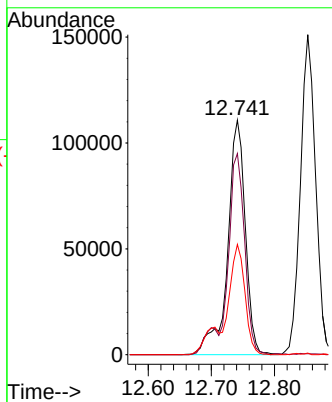
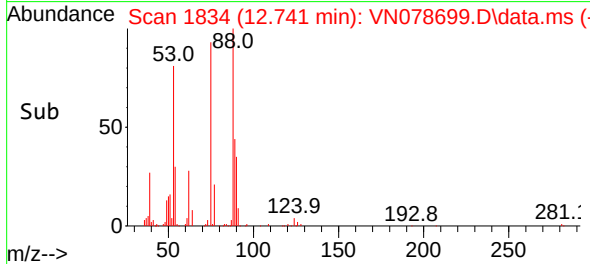
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 21591
Ion Ratio Lower Upper
75 100
53 74.7 67.4 101.2
89 41.3 38.8 58.2

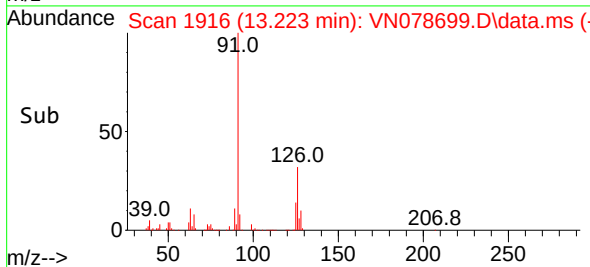
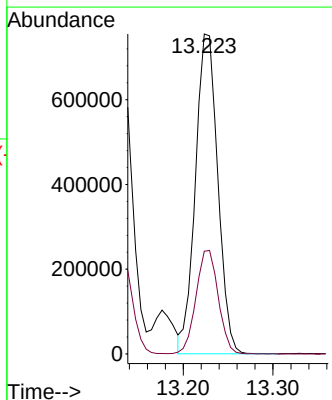
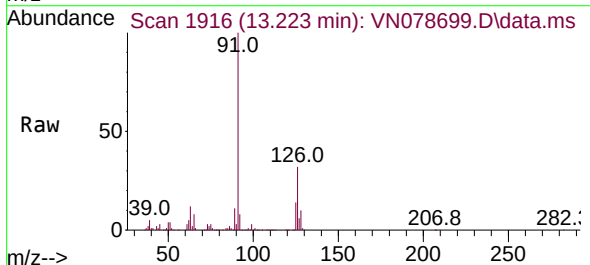
Manual Integrations
APPROVED

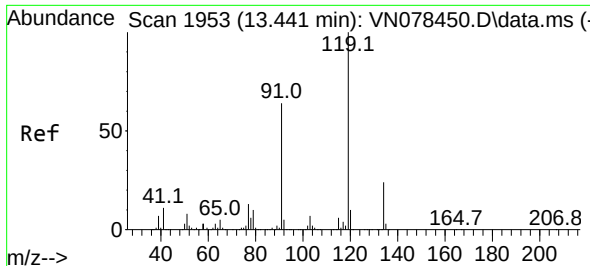
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#82
4-Chlorotoluene
Concen: 48.181 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

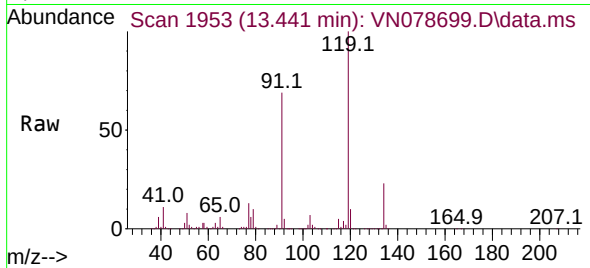
Tgt Ion: 91 Resp: 1307879
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 46.123 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

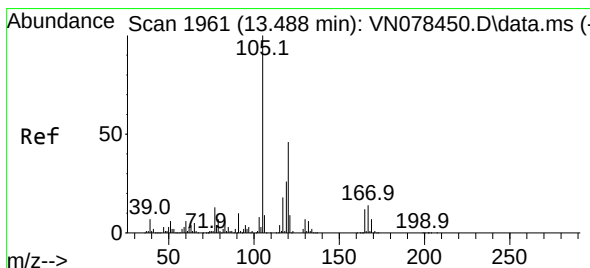
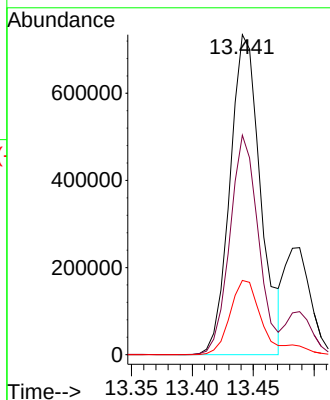
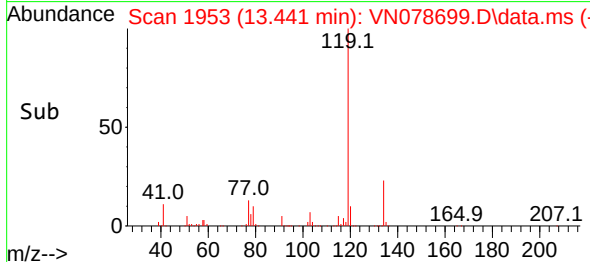
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 1285230
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 25.1 13.2 39.6

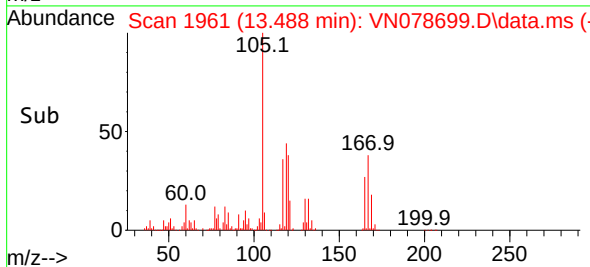
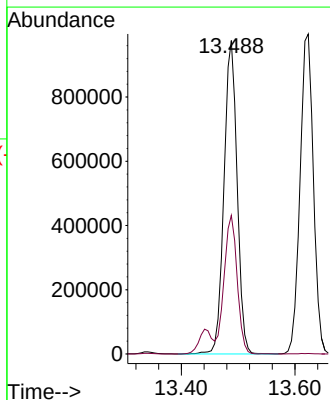
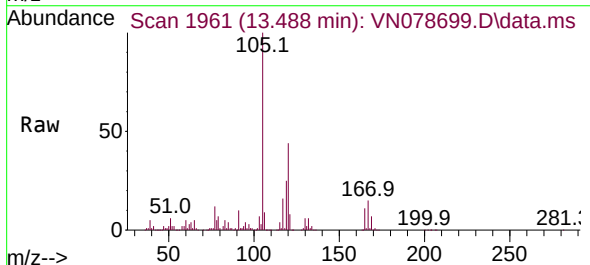
Manual Integrations
APPROVED

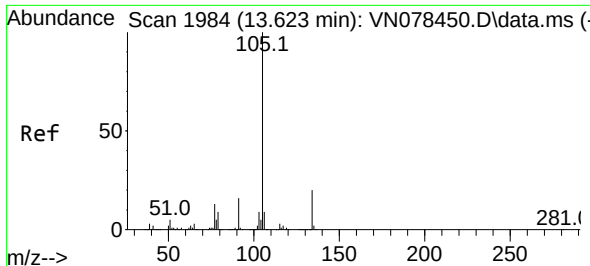
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.315 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

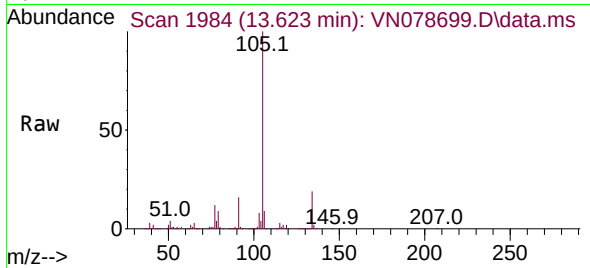
Tgt Ion:105 Resp: 1572162
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.061 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078699.D
 Acq: 31 Jul 2023 12:16

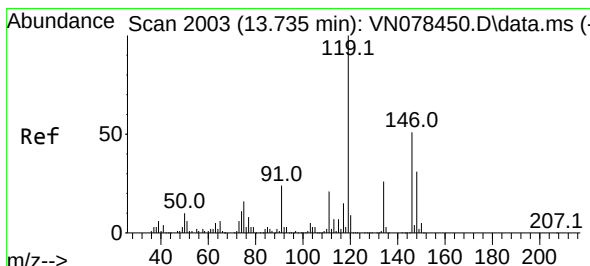
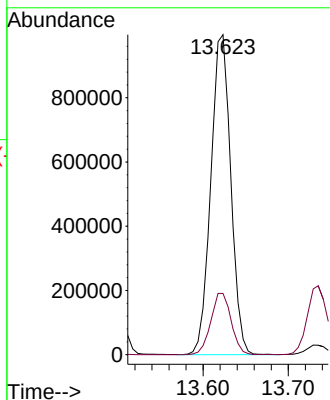
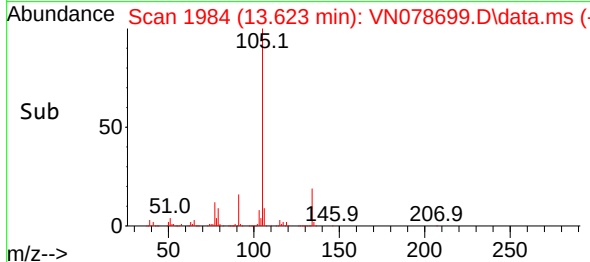
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



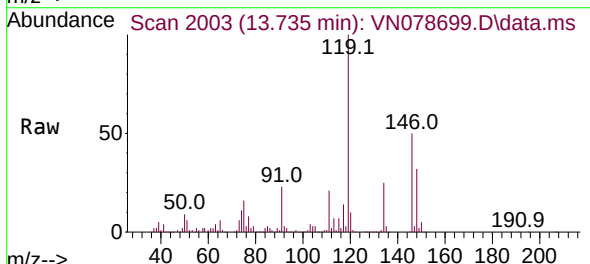
Tgt Ion:105 Resp: 162234
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
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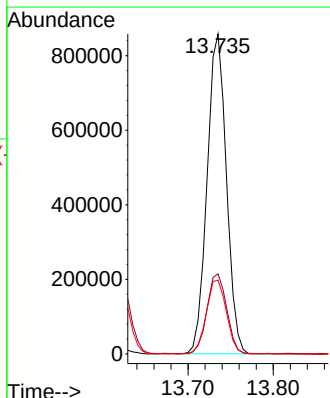
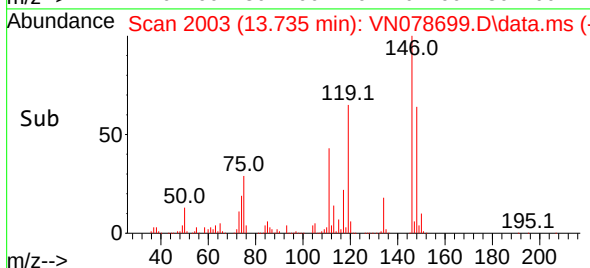
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

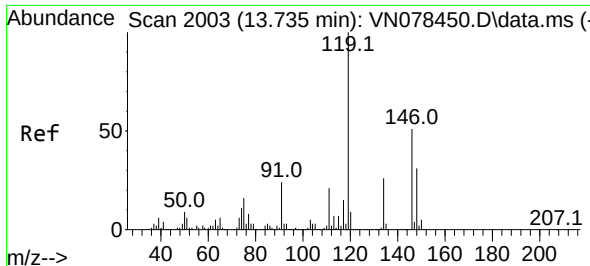


#86
 p-Isopropyltoluene
 Concen: 47.658 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078699.D
 Acq: 31 Jul 2023 12:16



Tgt Ion:119 Resp: 1347844
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.9 12.4 37.2





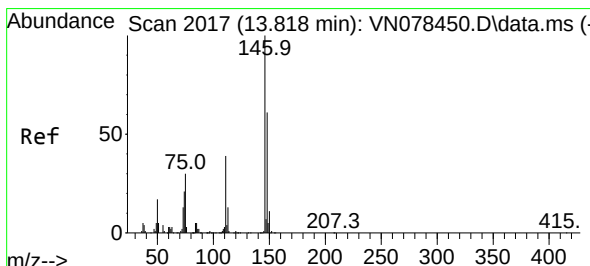
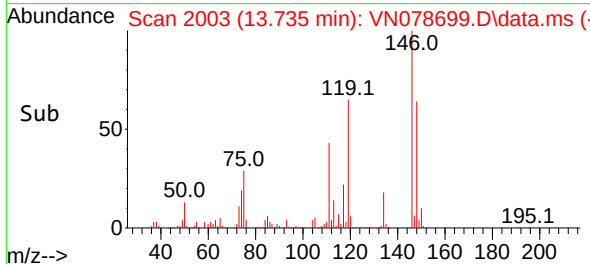
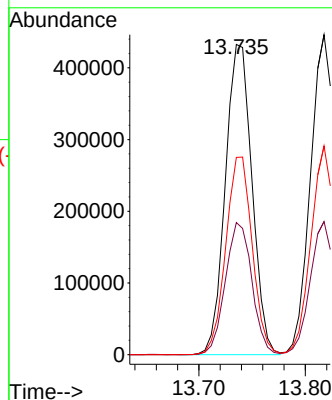
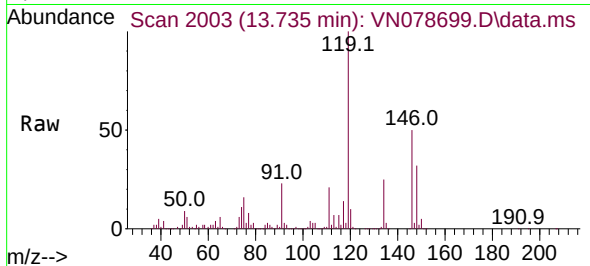
#87
1,3-Dichlorobenzene
Concen: 47.177 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 75231
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.3
148 63.3 32.0 96.0

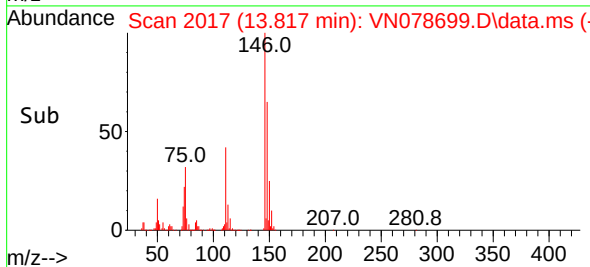
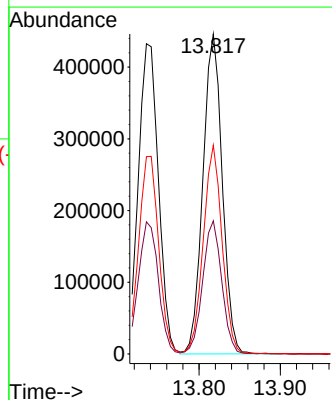
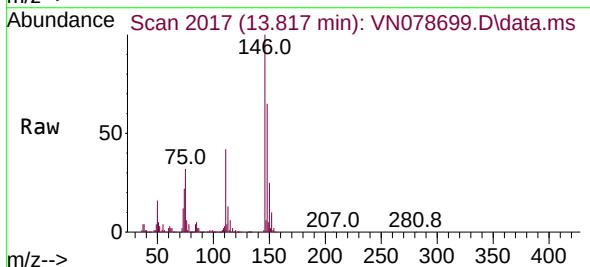
Manual Integrations
APPROVED

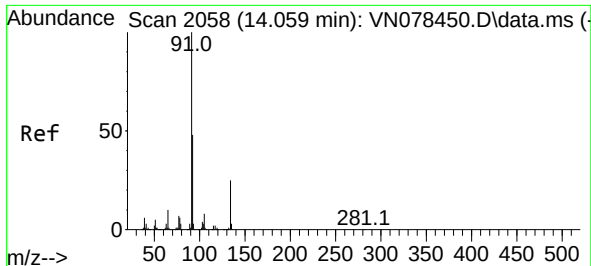
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#88
1,4-Dichlorobenzene
Concen: 45.950 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Tgt Ion:146 Resp: 738058
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 50.892 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078699.D

Acq: 31 Jul 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1029850

Ion Ratio Lower Upper

91 100

92 51.3 26.4 79.0

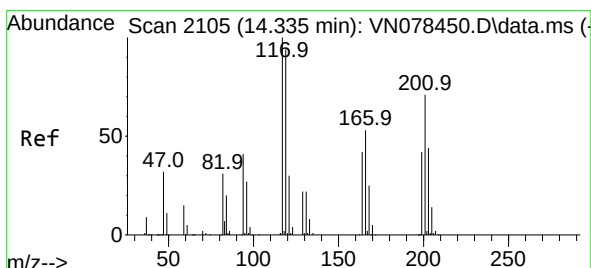
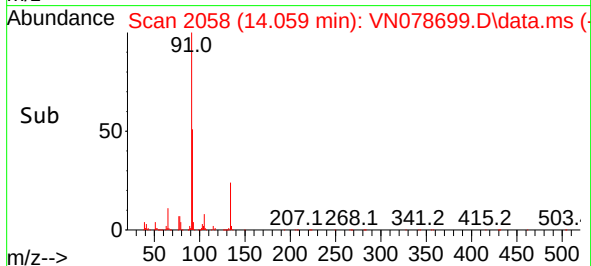
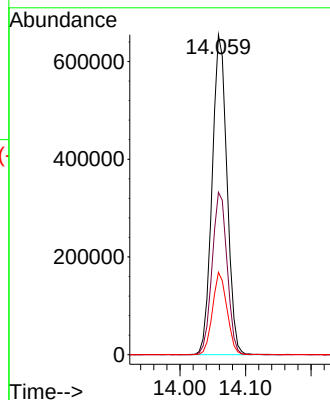
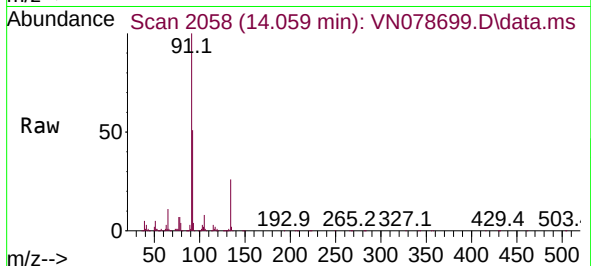
134 25.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#90

Hexachloroethane

Concen: 48.932 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078699.D

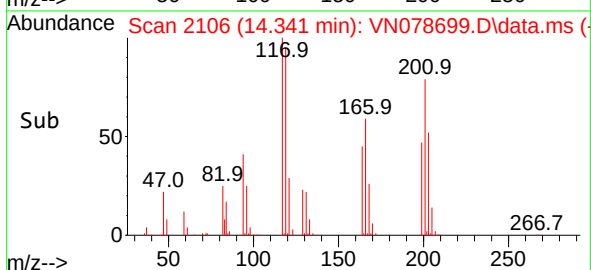
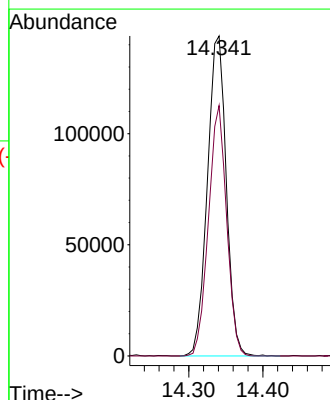
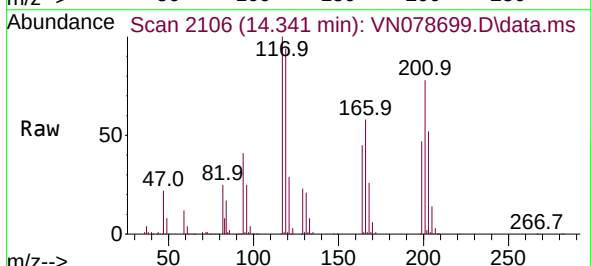
Acq: 31 Jul 2023 12:16

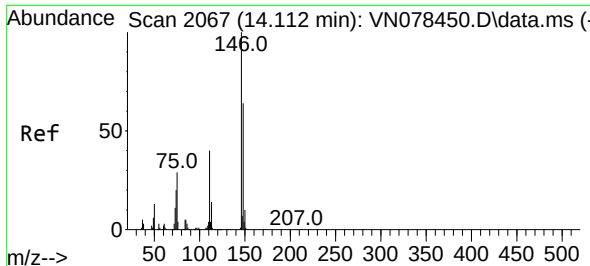
Tgt Ion:117 Resp: 254450

Ion Ratio Lower Upper

117 100

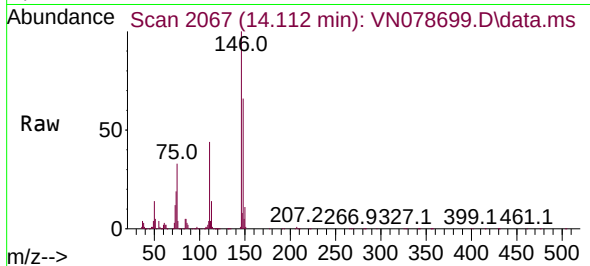
201 75.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.054 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

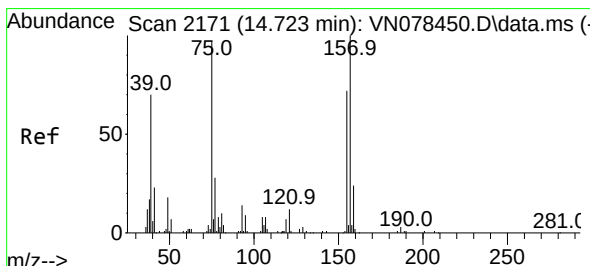
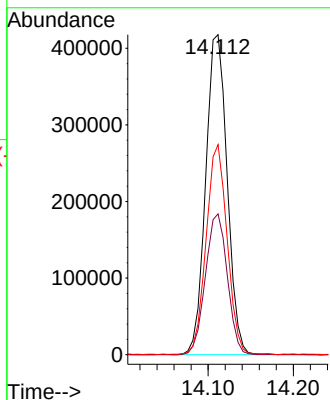
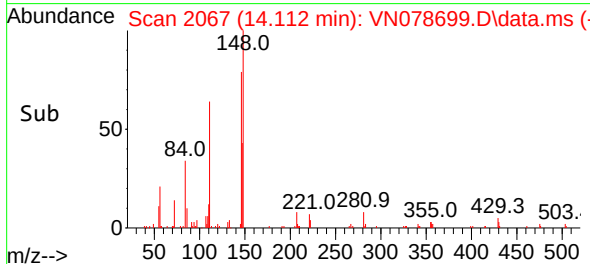
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



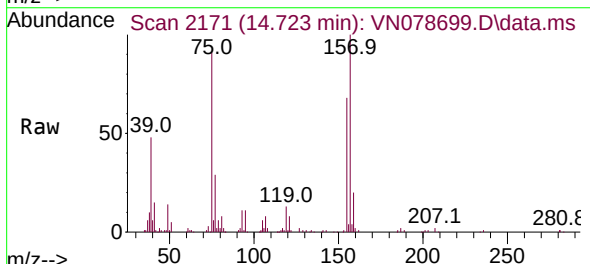
Tgt Ion:146 Resp: 730875
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 64.5 31.8 95.3

Manual Integrations
APPROVED

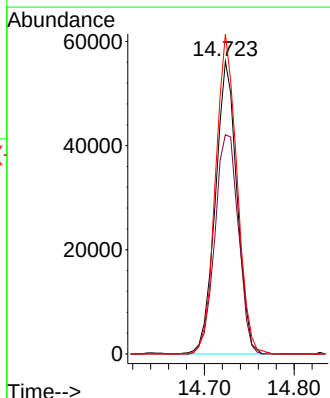
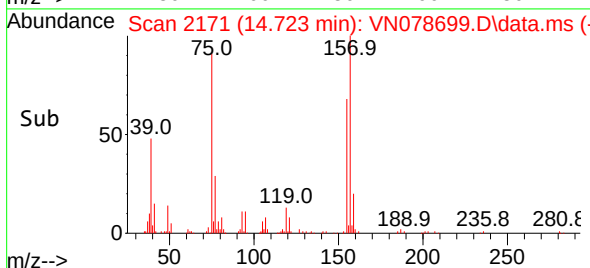
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

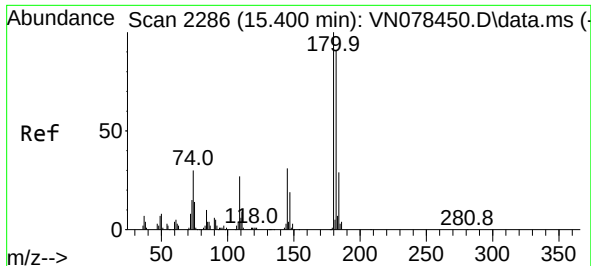


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.198 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16



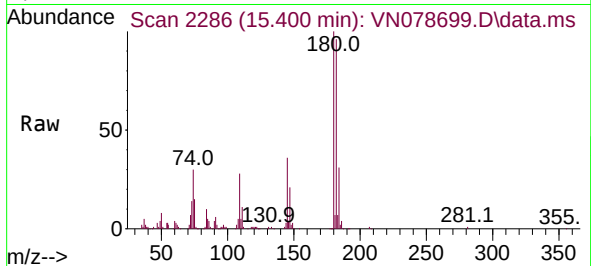
Tgt Ion: 75 Resp: 94073
Ion Ratio Lower Upper
75 100
155 81.4 39.1 117.2
157 108.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 44.734 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

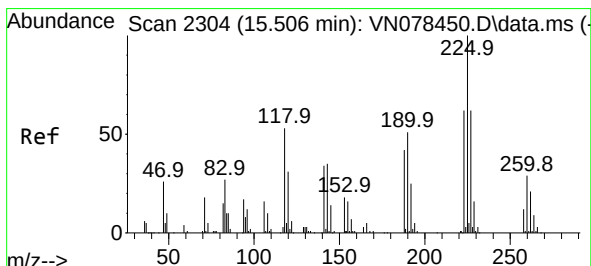
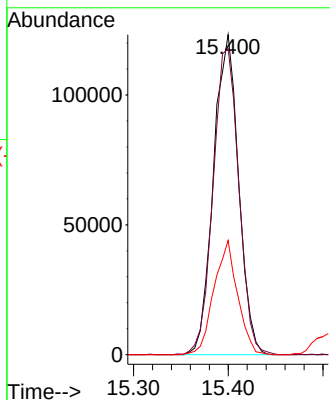
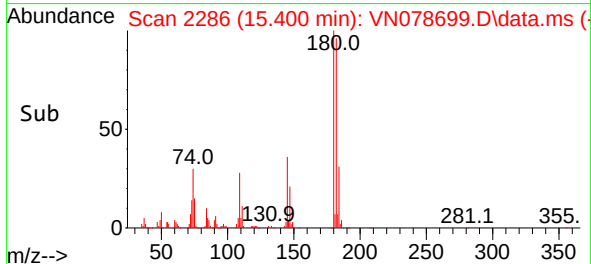
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 22657
Ion Ratio Lower Upper
180 100
182 98.4 46.1 138.2
145 33.7 16.6 49.8

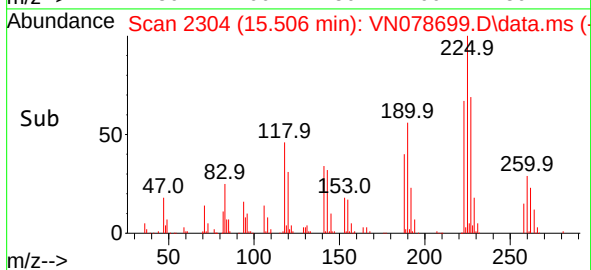
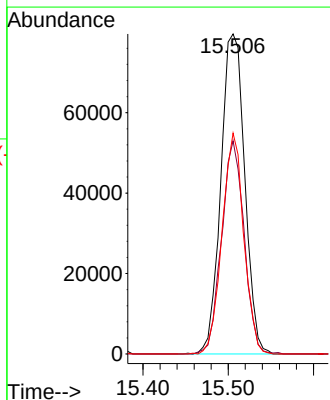
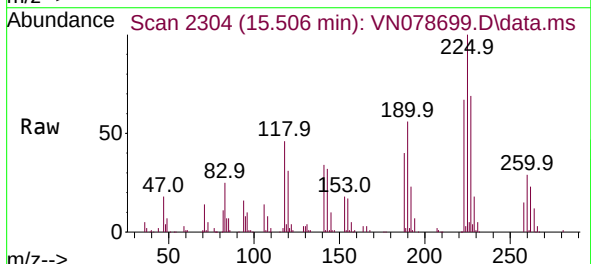
Manual Integrations
APPROVED

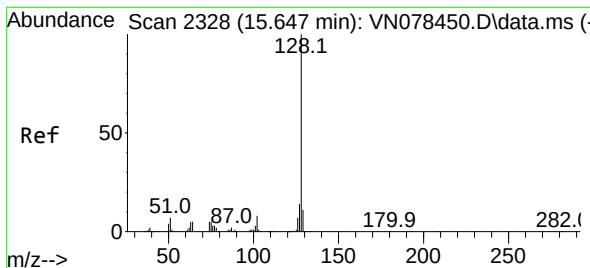
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#94
Hexachlorobutadiene
Concen: 59.850 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

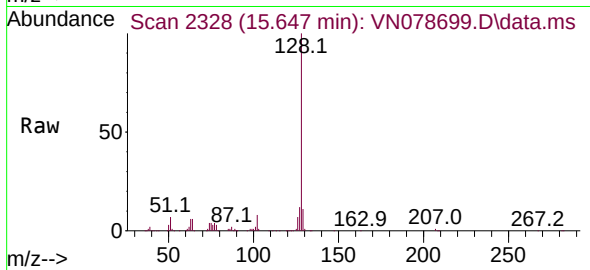
Tgt Ion:225 Resp: 154681
Ion Ratio Lower Upper
225 100
223 62.8 31.3 93.8
227 62.8 31.9 95.9





#95
Naphthalene
Concen: 39.924 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

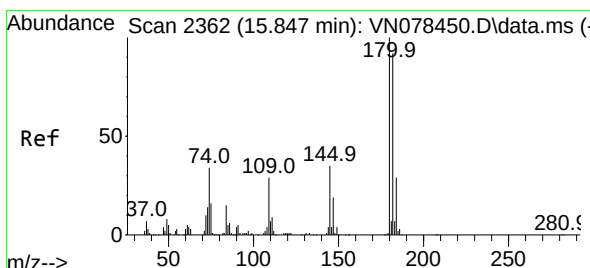
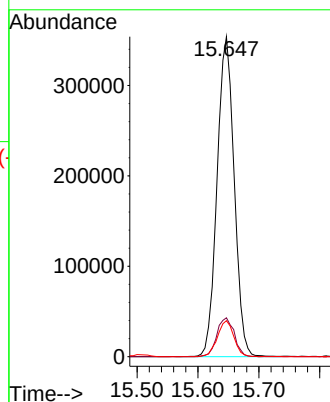
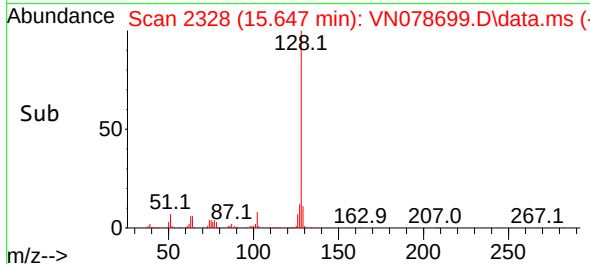
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 691289
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.424 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078699.D
Acq: 31 Jul 2023 12:16

Tgt Ion:180 Resp: 258722
Ion Ratio Lower Upper
180 100
182 98.7 46.2 138.6
145 34.6 17.5 52.6

