

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076799.D
 Acq On : 24 Feb 2023 10:43
 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 02/27/2023
 Supervised By : Mahesh Dadoda 02/27/2023

Quant Time: Feb 25 01:40:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	284699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	533848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	520216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	275448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222143	56.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.020%			
35) Dibromofluoromethane	8.172	113	172976	49.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	10.571	98	679423	52.038	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.854	95	250656	57.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	137805	45.585	ug/l	91
3) Chloromethane	2.372	50	170844	43.317	ug/l	95
4) Vinyl Chloride	2.525	62	169800	43.744	ug/l	96
5) Bromomethane	2.948	94	117639	50.017	ug/l	96
6) Chloroethane	3.119	64	126223	51.454	ug/l	98
7) Trichlorofluoromethane	3.507	101	229382	43.431	ug/l	97
8) Diethyl Ether	3.978	74	110707	54.398	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	143964	46.390	ug/l	96
10) Methyl Iodide	4.595	142	204910	53.468	ug/l	99
11) Tert butyl alcohol	5.525	59	149357	287.825	ug/l	99
12) 1,1-Dichloroethene	4.348	96	135924	46.255	ug/l	94
13) Acrolein	4.189	56	222577	285.702	ug/l	97
14) Allyl chloride	5.031	41	255897	50.257	ug/l	99
15) Acrylonitrile	5.725	53	524850	284.998	ug/l	99
16) Acetone	4.436	43	451342	257.021	ug/l	90
17) Carbon Disulfide	4.725	76	328225	42.304	ug/l	95
18) Methyl Acetate	5.036	43	327066	57.059	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	585263	59.073	ug/l	100
20) Methylene Chloride	5.289	84	179819	48.859	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	153662	46.453	ug/l	95
22) Diisopropyl ether	6.678	45	711880	59.609	ug/l	97
23) Vinyl Acetate	6.613	43	2367115	335.001	ug/l	97
24) 1,1-Dichloroethane	6.578	63	339133	51.814	ug/l	95
25) 2-Butanone	7.483	43	729581	281.658	ug/l	98
26) 2,2-Dichloropropane	7.495	77	246885	52.295	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	205376	52.346	ug/l	99
28) Bromochloromethane	7.819	49	187074	60.053	ug/l	91
29) Tetrahydrofuran	7.842	42	487296	287.935	ug/l	100
30) Chloroform	7.972	83	357962	54.739	ug/l	98
31) Cyclohexane	8.266	56	283377	45.952	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	280840	51.077	ug/l	94
36) 1,1-Dichloropropene	8.372	75	236035	46.728	ug/l	98
37) Ethyl Acetate	7.566	43	301782	56.784	ug/l	98
38) Carbon Tetrachloride	8.366	117	234264	45.974	ug/l	98
39) Methylcyclohexane	9.601	83	276381	48.136	ug/l	97
40) Benzene	8.613	78	787627	50.775	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	165665	53.808	ug/l	92
42) 1,2-Dichloroethane	8.677	62	282966	52.303	ug/l	99
43) Isopropyl Acetate	8.689	43	504516	58.339	ug/l	98
44) Trichloroethene	9.354	130	174495	47.603	ug/l	100
45) 1,2-Dichloropropane	9.624	63	214908	52.336	ug/l	98
46) Dibromomethane	9.713	93	140630	53.569	ug/l	97
47) Bromodichloromethane	9.889	83	291612	55.406	ug/l	94
48) Methyl methacrylate	9.683	41	234906	57.242	ug/l	98
49) 1,4-Dioxane	9.695	88	81218	1144.131	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1590141	288.995	ug/l	99
52) Toluene	10.630	92	498295	53.207	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	307694	60.569	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	329733	56.271	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	207509	54.490	ug/l	93
56) Ethyl methacrylate	10.877	69	321598	59.996	ug/l	97
57) 1,3-Dichloropropane	11.165	76	365871	55.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	678782	276.499	ug/l	98
59) 2-Hexanone	11.195	43	1154688	291.048	ug/l	98
60) Dibromochloromethane	11.360	129	222847	55.523	ug/l	100
61) 1,2-Dibromoethane	11.471	107	207577	54.456	ug/l	99
64) Tetrachloroethene	11.107	164	146569	44.708	ug/l	93
65) Chlorobenzene	11.895	112	545554	49.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	206005	51.443	ug/l	98
67) Ethyl Benzene	11.965	91	971234	51.709	ug/l	99
68) m/p-Xylenes	12.071	106	765590	105.747	ug/l	98
69) o-Xylene	12.401	106	380868	53.940	ug/l	98
70) Styrene	12.412	104	652425	57.140	ug/l	100
71) Bromoform	12.577	173	165651	56.394	ug/l #	93
73) Isopropylbenzene	12.695	105	967260	47.910	ug/l	99
74) N-amyl acetate	12.495	43	459492	50.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	330132	45.174	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	280223m	50.320	ug/l	
77) Bromobenzene	12.983	156	235620	46.776	ug/l	97
78) n-propylbenzene	13.036	91	1162075	49.017	ug/l	99
79) 2-Chlorotoluene	13.124	91	688560	47.435	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	833344	49.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	101834	53.261	ug/l	88
82) 4-Chlorotoluene	13.124	91	688560	47.435	ug/l	100
83) tert-Butylbenzene	13.442	119	734255	48.645	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	851884	51.229	ug/l	99
85) sec-Butylbenzene	13.618	105	1045105	49.593	ug/l	99
86) p-Isopropyltoluene	13.730	119	886469	52.678	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	462852	48.610	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	467518	49.306	ug/l	98
89) n-Butylbenzene	14.059	91	751511	51.347	ug/l	99
90) Hexachloroethane	14.336	117	163954	46.532	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	473492	48.505	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	62436	44.098	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	250888	51.524	ug/l	96
94) Hexachlorobutadiene	15.500	225	107340	44.978	ug/l	98
95) Naphthalene	15.642	128	806009	54.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	243868	51.694	ug/l	99

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

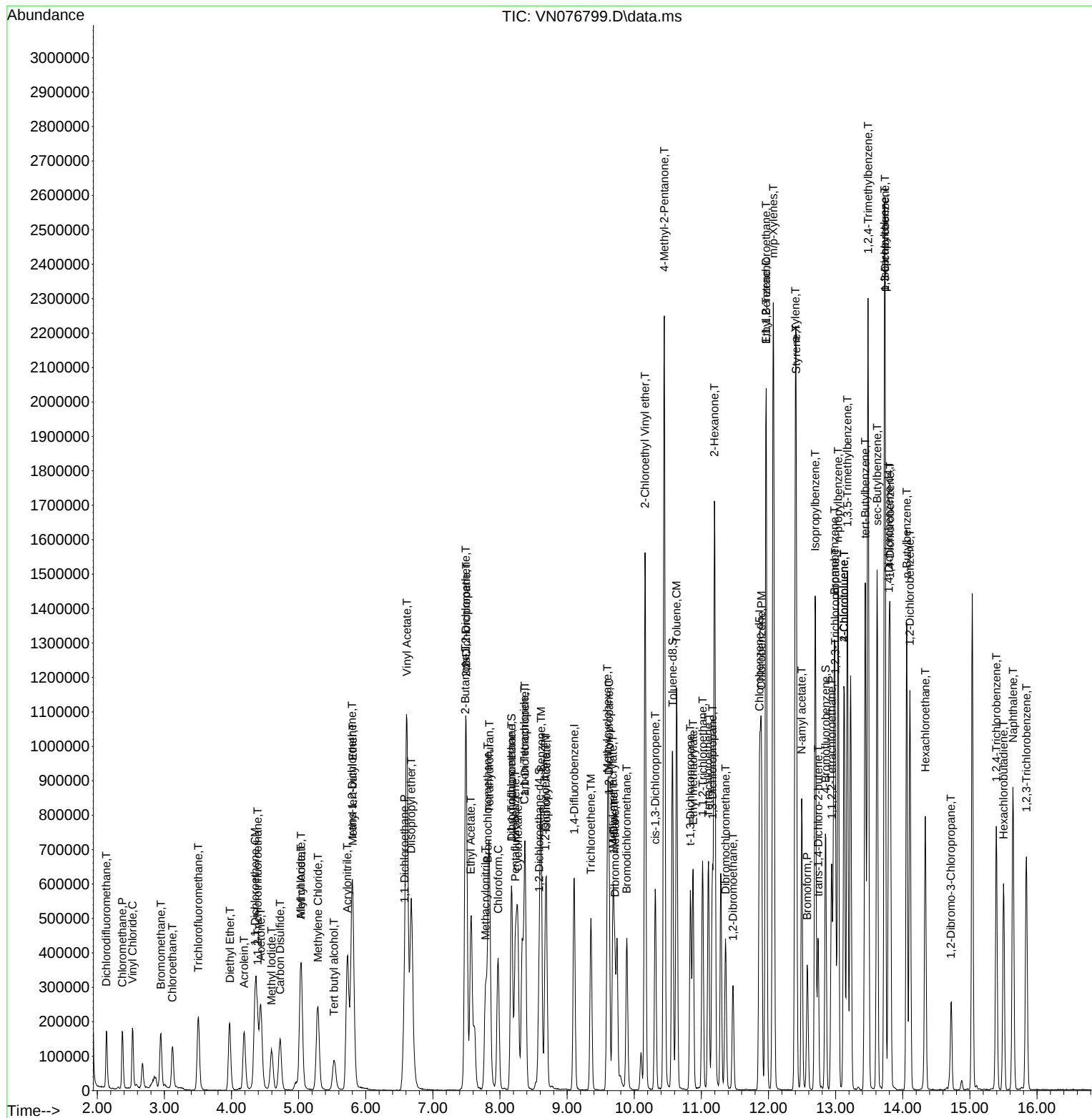
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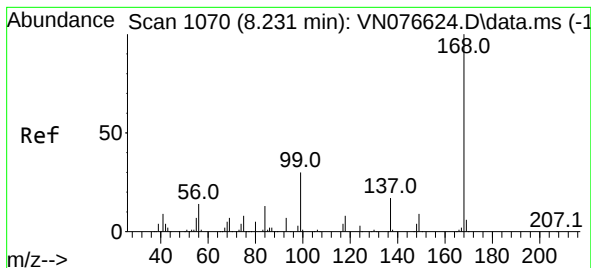
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Manual Integrations
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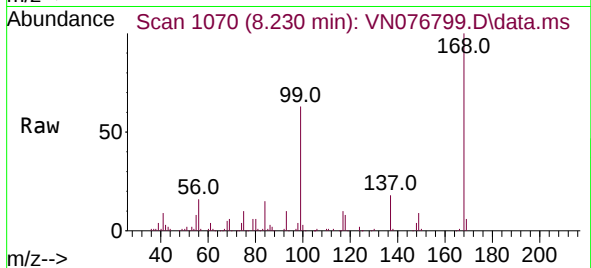
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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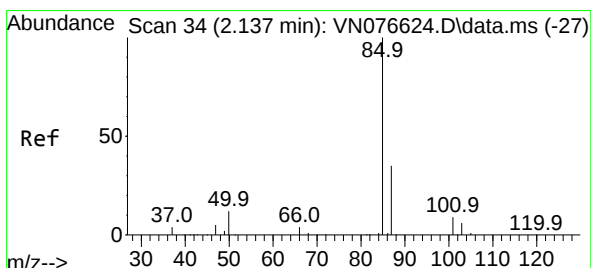
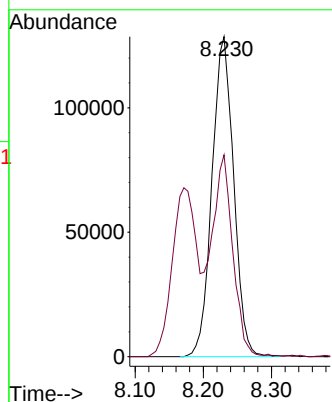
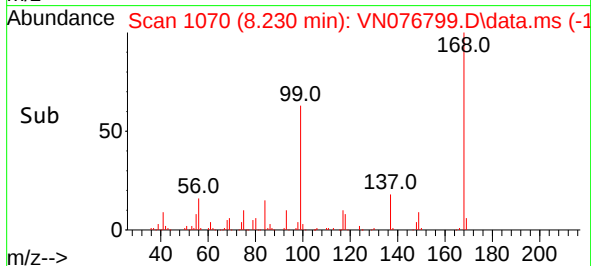
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Tgt Ion:168 Resp: 284699
Ion Ratio Lower Upper
168 100
99 62.8 44.8 67.2

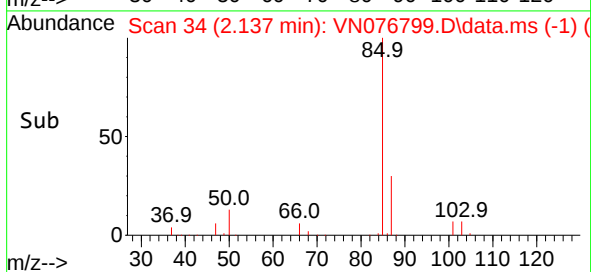
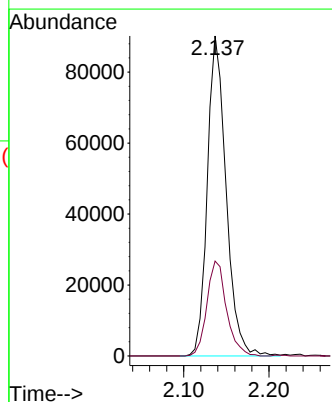
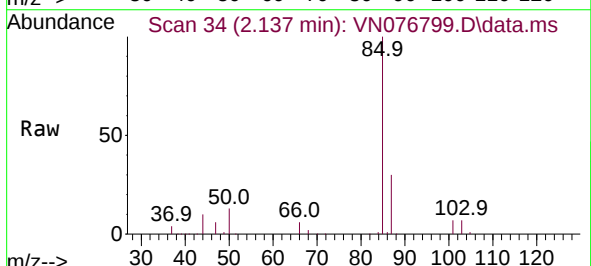
Manual Integrations
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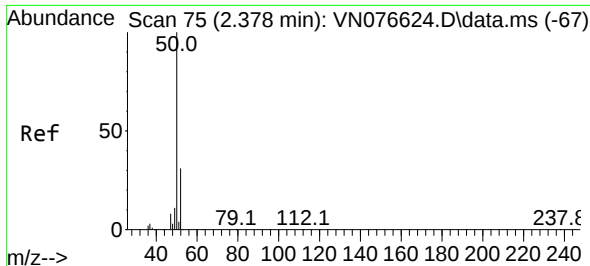
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#2
Dichlorodifluoromethane
Concen: 45.585 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076799.D
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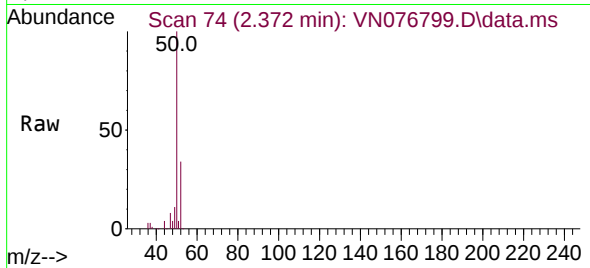
Tgt Ion: 85 Resp: 137805
Ion Ratio Lower Upper
85 100
87 29.6 17.4 52.2





#3
Chloromethane
Concen: 43.317 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

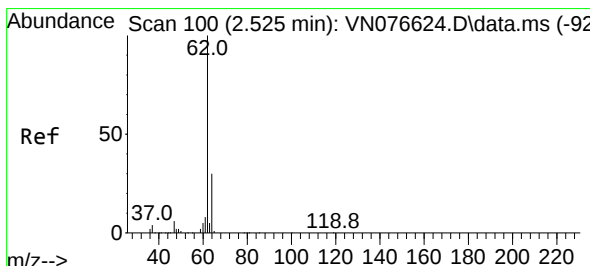
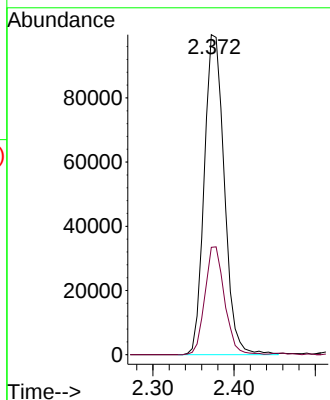
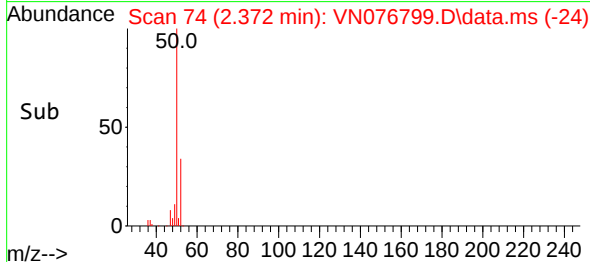
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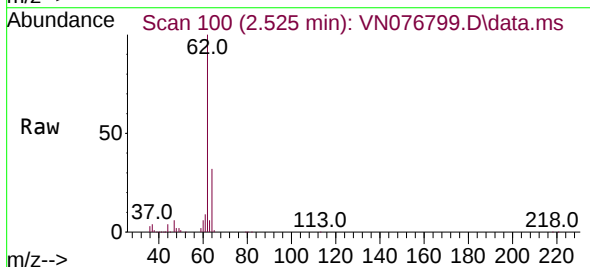
Tgt Ion: 50 Resp: 170844
Ion Ratio Lower Upper
50 100
52 33.5 24.7 37.1

Manual Integrations
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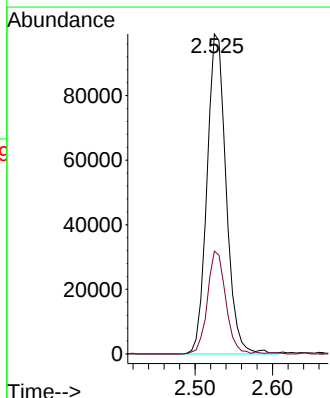
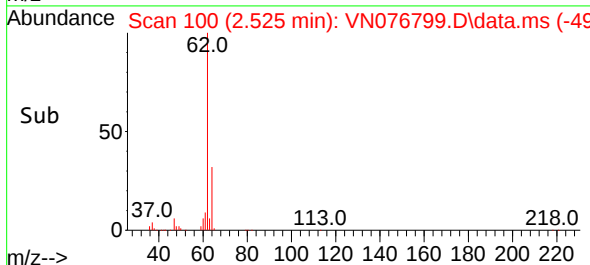
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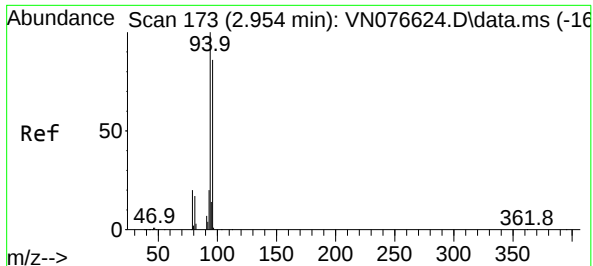


#4
Vinyl Chloride
Concen: 43.744 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



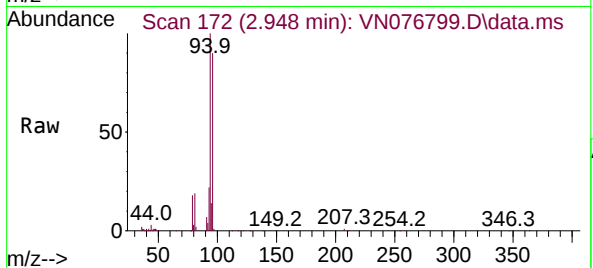
Tgt Ion: 62 Resp: 169800
Ion Ratio Lower Upper
62 100
64 32.1 23.9 35.9





#5
Bromomethane
Concen: 50.017 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076799.D
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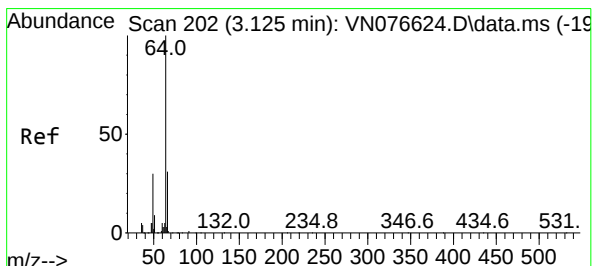
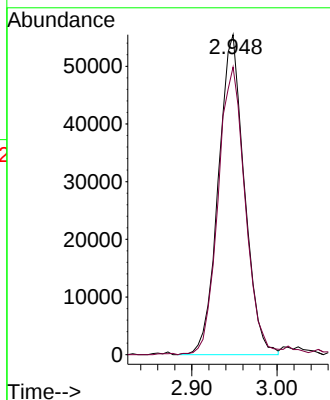
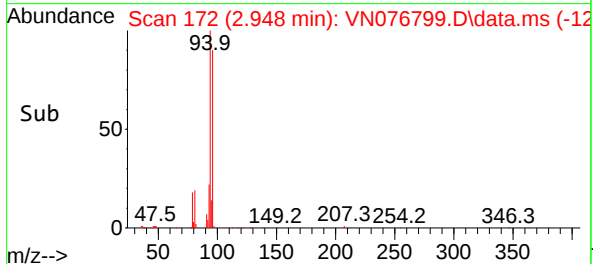
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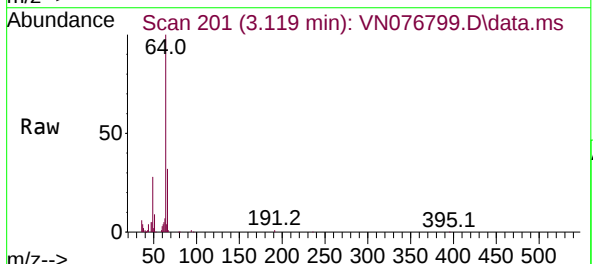
Tgt Ion: 94 Resp: 117639
Ion Ratio Lower Upper
94 100
96 89.9 69.0 103.4

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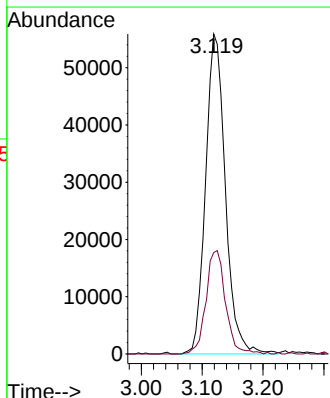
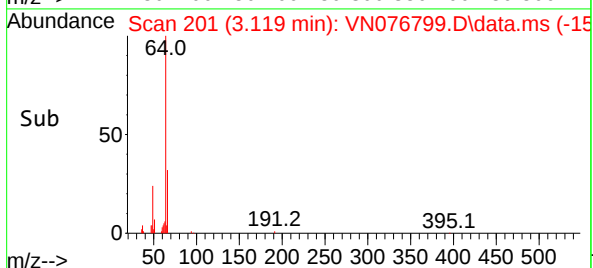
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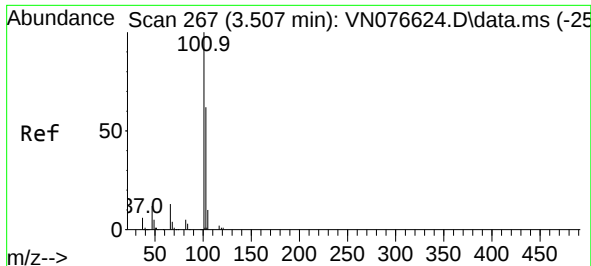


#6
Chloroethane
Concen: 51.454 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



Tgt Ion: 64 Resp: 126223
Ion Ratio Lower Upper
64 100
66 31.7 24.6 37.0





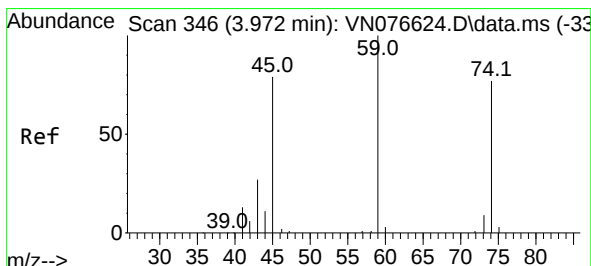
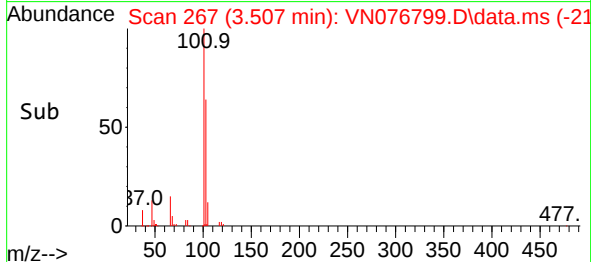
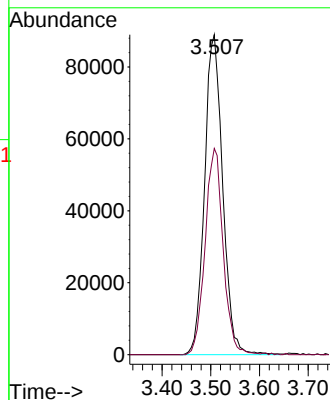
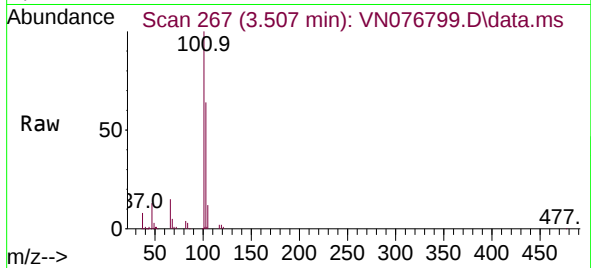
#7
 Trichlorofluoromethane
 Concen: 43.431 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN076799.D
 Acq: 24 Feb 2023 10:43

Instrument :
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Tgt Ion:101 Resp: 22938
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.4 74.2

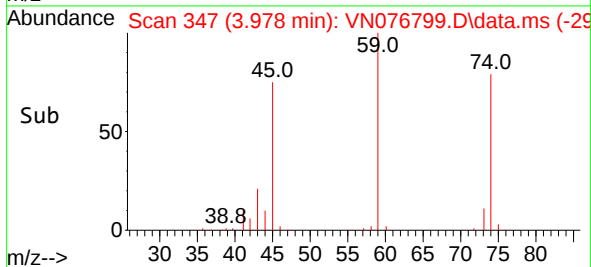
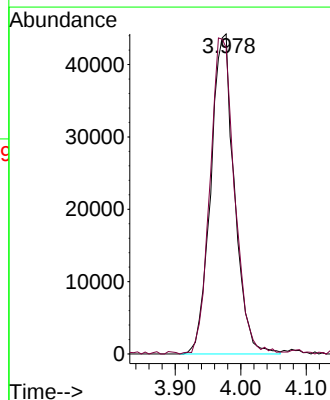
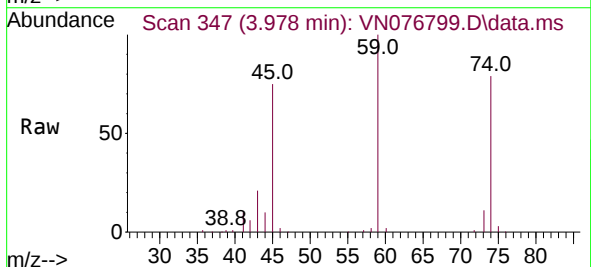
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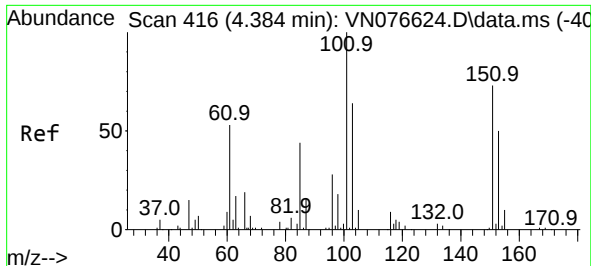
Reviewed By :John Carlone 02/27/2023
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#8
 Diethyl Ether
 Concen: 54.398 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076799.D
 Acq: 24 Feb 2023 10:43

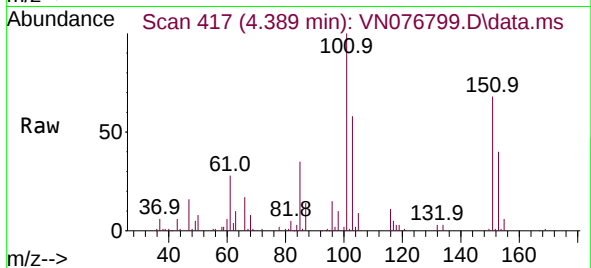
Tgt Ion: 74 Resp: 110707
 Ion Ratio Lower Upper
 74 100
 45 102.9 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.390 ug/l
RT: 4.389 min Scan# 416
Delta R.T. 0.005 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

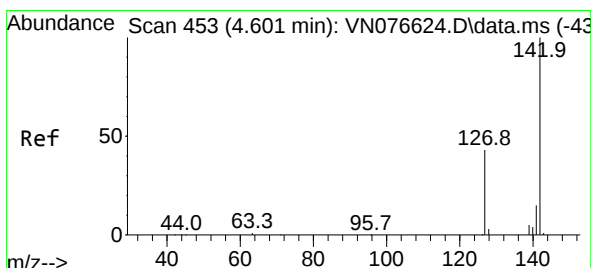
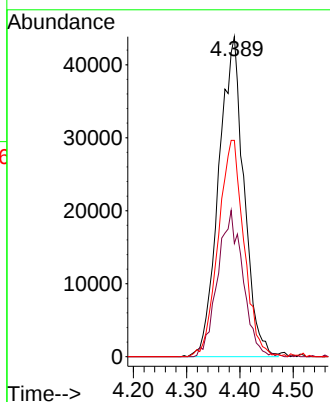
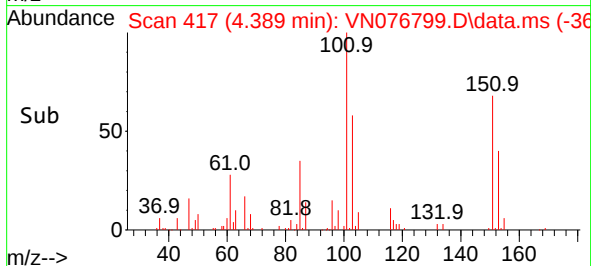
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



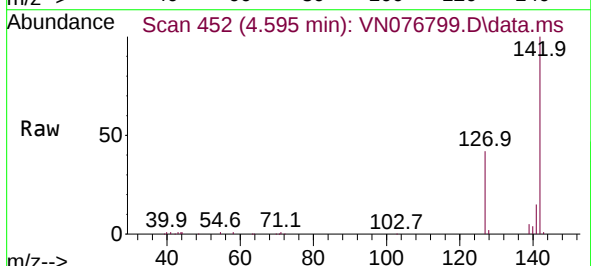
Tgt Ion:101 Resp: 143964
Ion Ratio Lower Upper
101 100
85 45.6 37.4 56.0
151 69.0 58.7 88.1

Manual Integrations
APPROVED

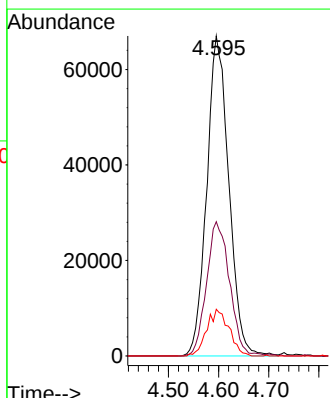
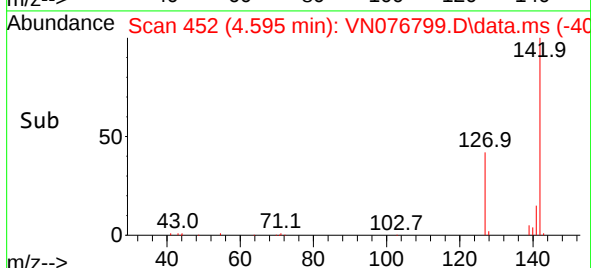
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

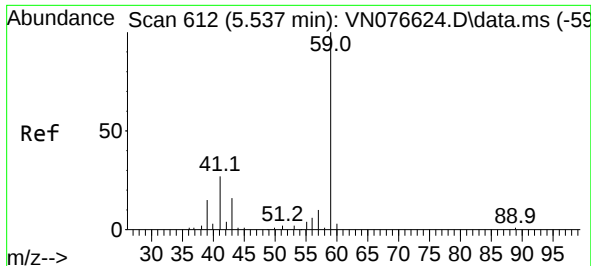


#10
Methyl Iodide
Concen: 53.468 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



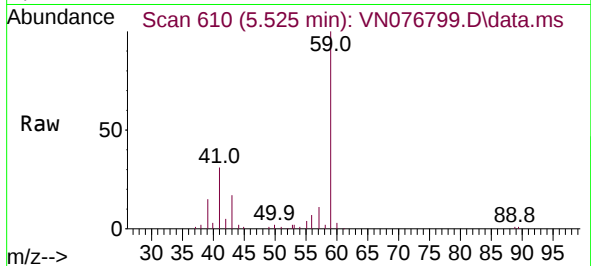
Tgt Ion:142 Resp: 204910
Ion Ratio Lower Upper
142 100
127 42.0 34.6 51.8
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 287.825 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

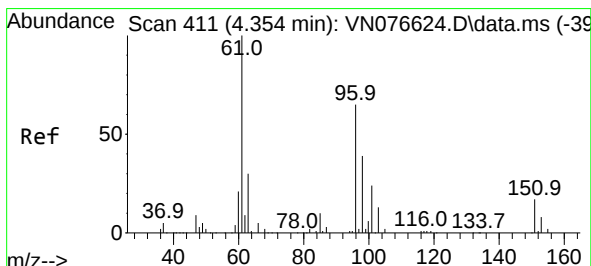
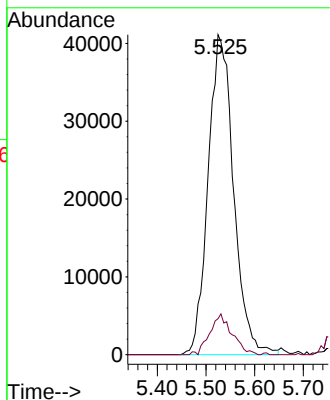
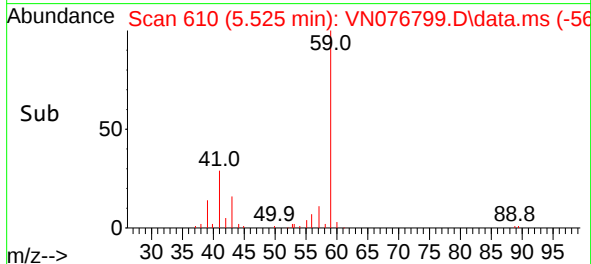
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



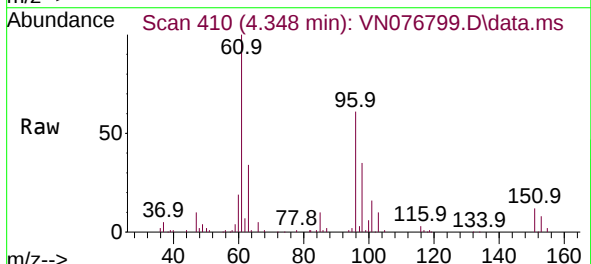
Tgt Ion: 59 Resp: 14935
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1

Manual Integrations
APPROVED

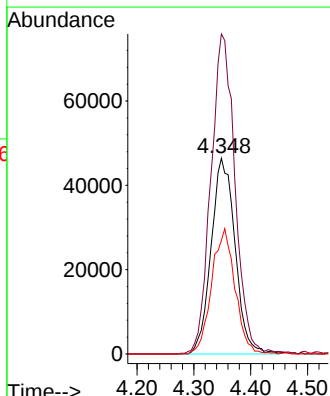
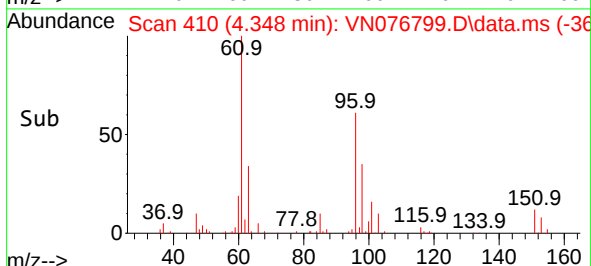
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

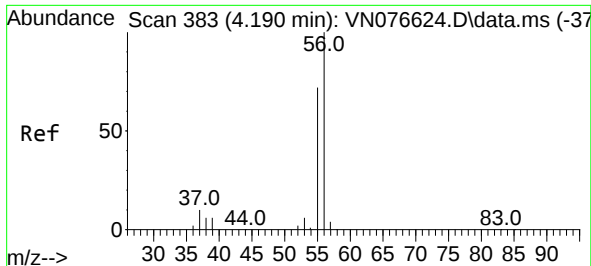


#12
1,1-Dichloroethene
Concen: 46.255 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



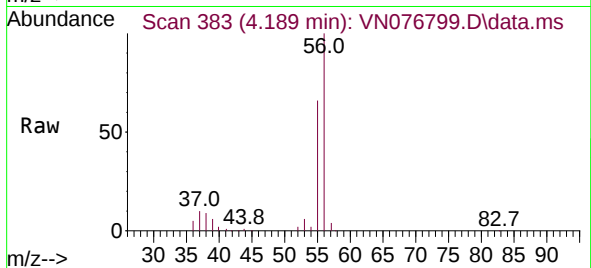
Tgt Ion: 96 Resp: 135924
Ion Ratio Lower Upper
96 100
61 163.5 123.8 185.6
98 58.0 48.4 72.6





#13
Acrolein
Concen: 285.702 ug/l
RT: 4.189 min Scan# 383
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

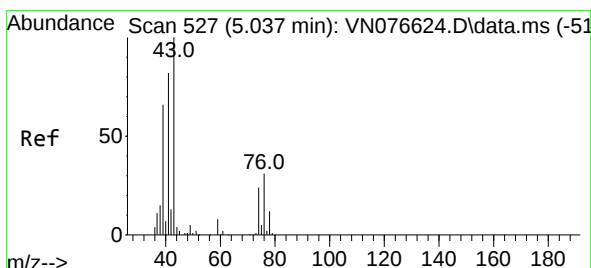
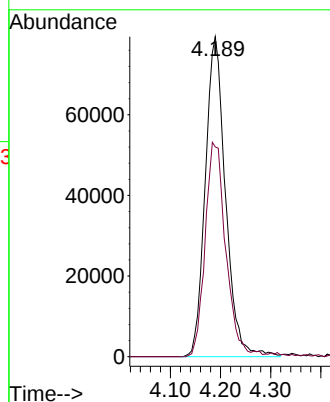
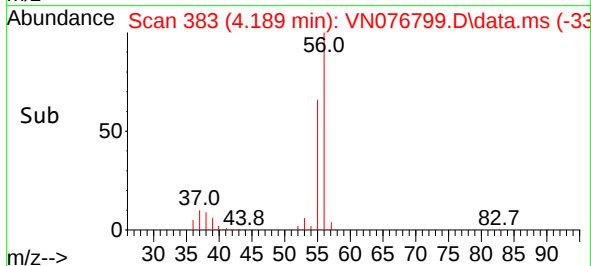
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 22257
Ion Ratio Lower Upper
56 100
55 67.7 56.3 84.5

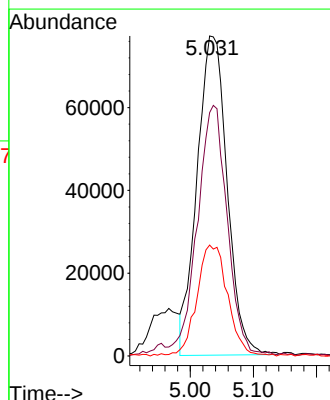
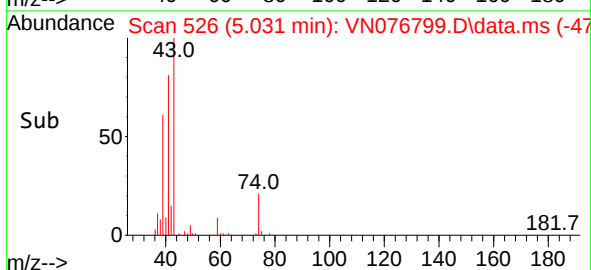
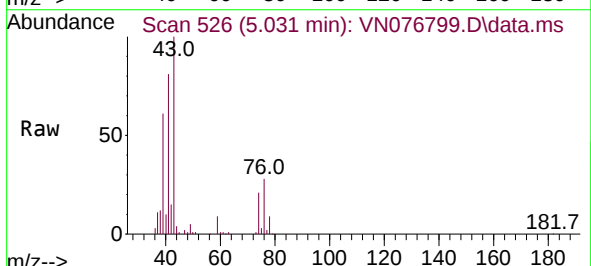
Manual Integrations
APPROVED

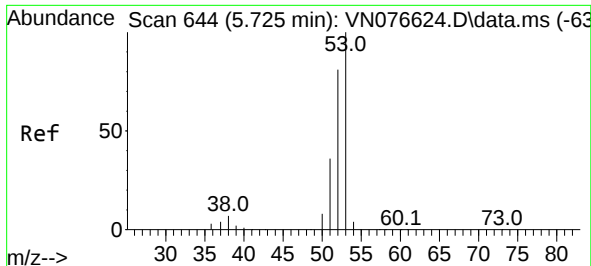
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#14
Allyl chloride
Concen: 50.257 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

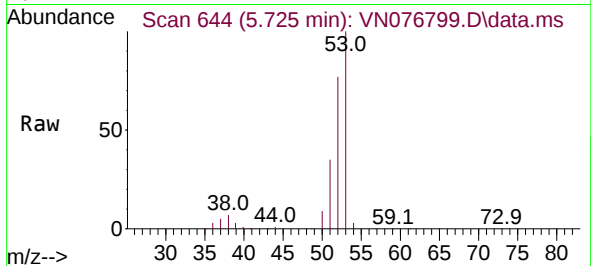
Tgt Ion: 41 Resp: 255897
Ion Ratio Lower Upper
41 100
39 77.3 62.3 93.5
76 35.6 27.0 40.6





#15
Acrylonitrile
Concen: 284.998 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

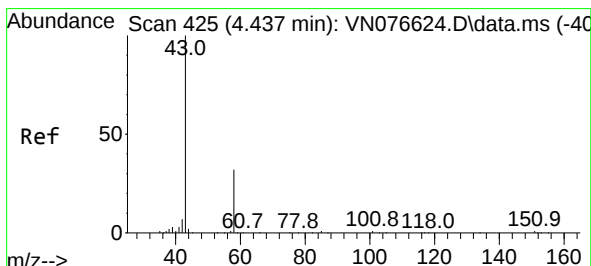
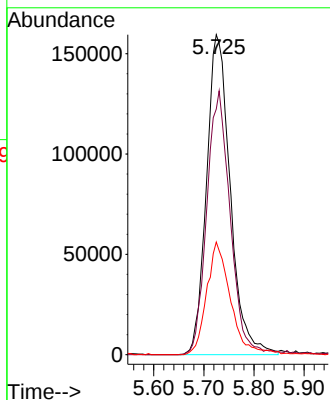
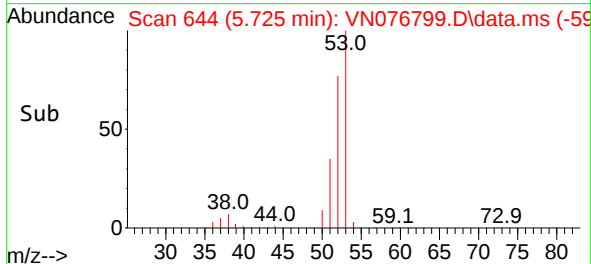
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 524850
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 35.6 29.2 43.8

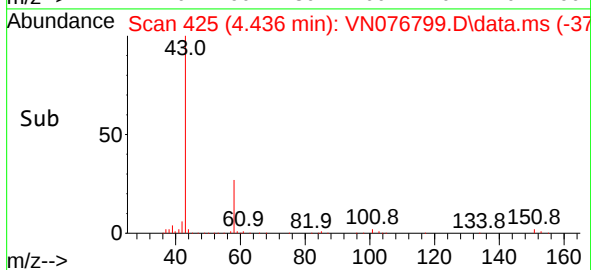
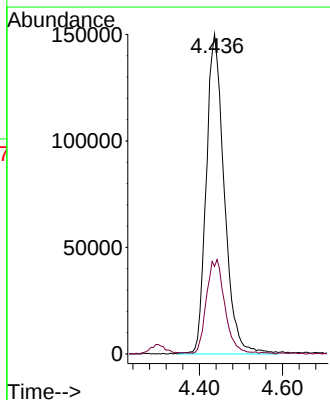
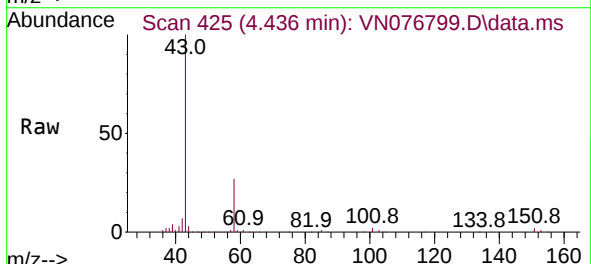
Manual Integrations
APPROVED

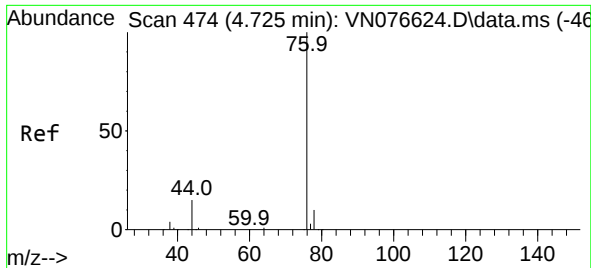
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#16
Acetone
Concen: 257.021 ug/l
RT: 4.436 min Scan# 425
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion: 43 Resp: 451342
Ion Ratio Lower Upper
43 100
58 27.0 25.9 38.9





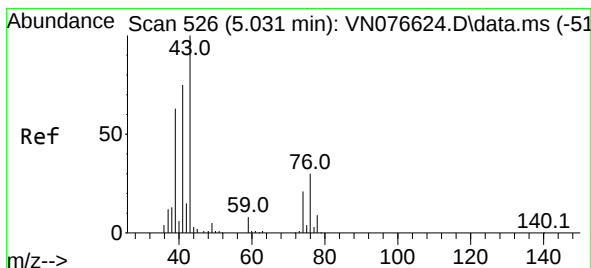
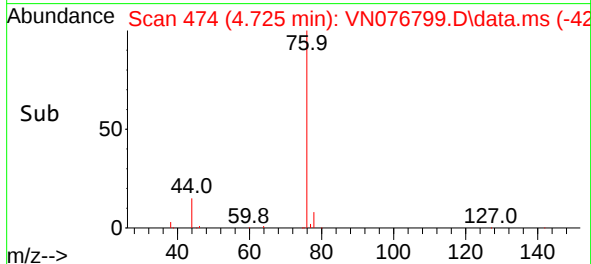
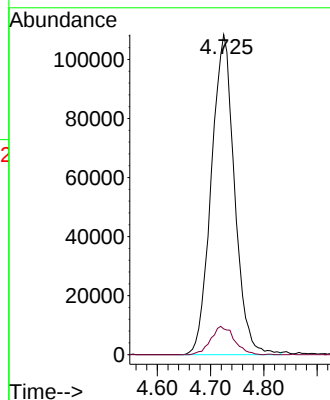
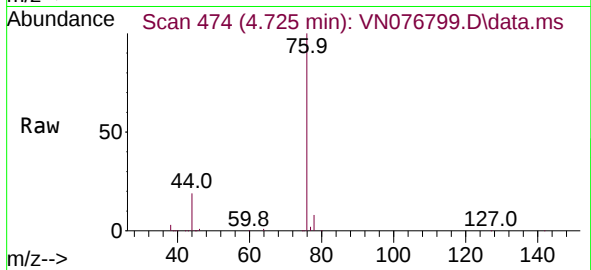
#17
Carbon Disulfide
Concen: 42.304 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 328225
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.8

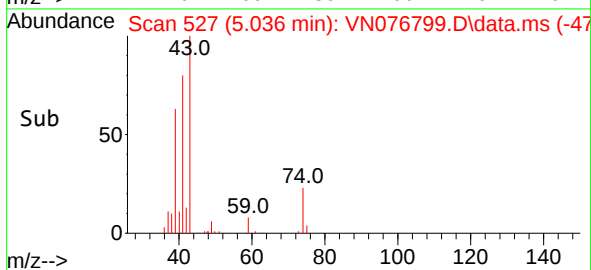
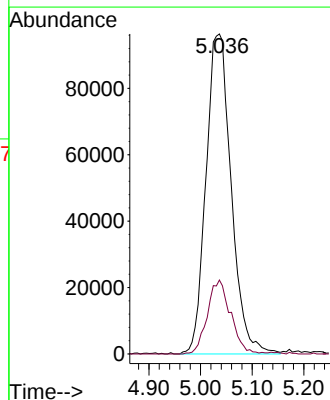
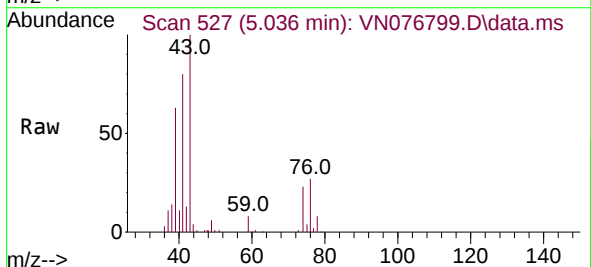
Manual Integrations
APPROVED

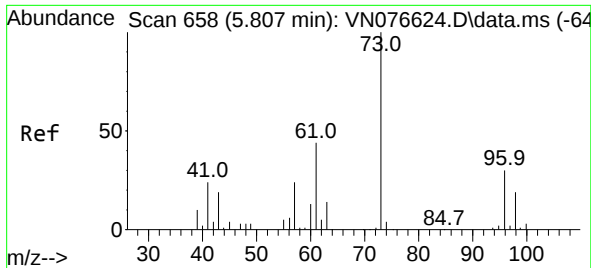
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#18
Methyl Acetate
Concen: 57.059 ug/l
RT: 5.036 min Scan# 527
Delta R.T. 0.005 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion: 43 Resp: 327066
Ion Ratio Lower Upper
43 100
74 21.4 17.7 26.5





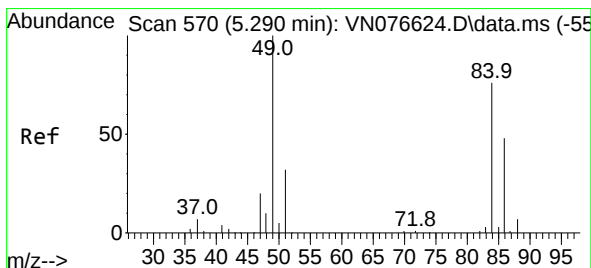
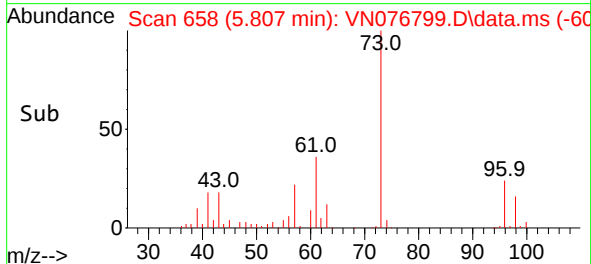
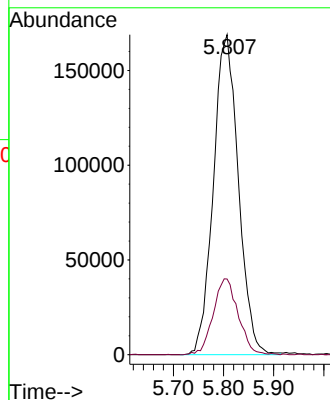
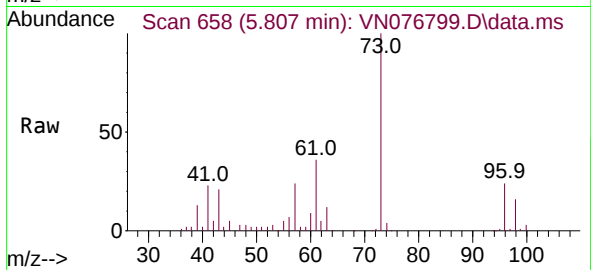
#19
Methyl tert-butyl Ether
Concen: 59.073 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 58526
Ion Ratio Lower Upper
73 100
57 23.6 19.0 28.4

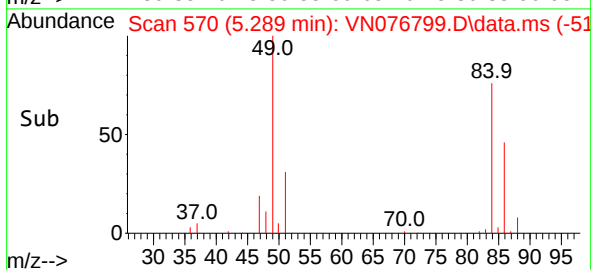
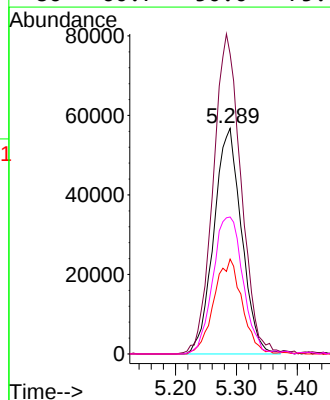
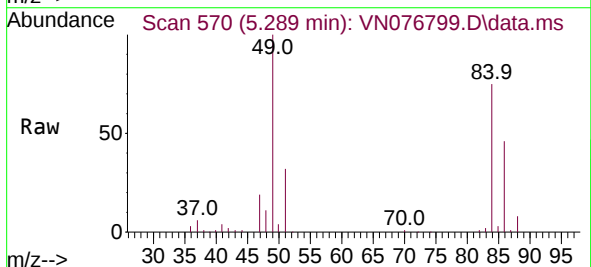
Manual Integrations
APPROVED

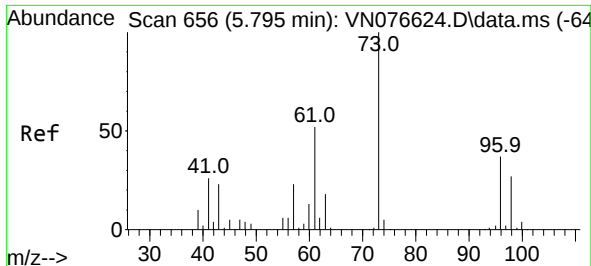
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#20
Methylene Chloride
Concen: 48.859 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion: 84 Resp: 179819
Ion Ratio Lower Upper
84 100
49 132.5 104.9 157.3
51 42.1 33.8 50.8
86 60.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 46.453 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 153662

Ion Ratio Lower Upper

96 100

61 144.0 113.9 170.9

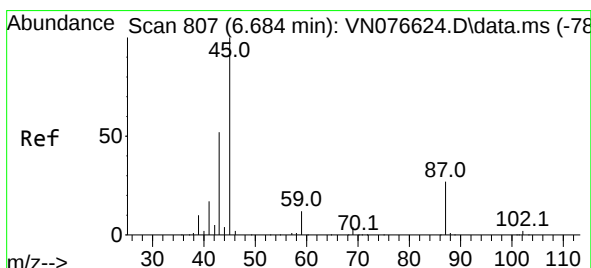
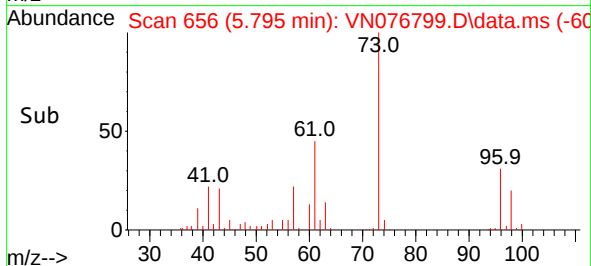
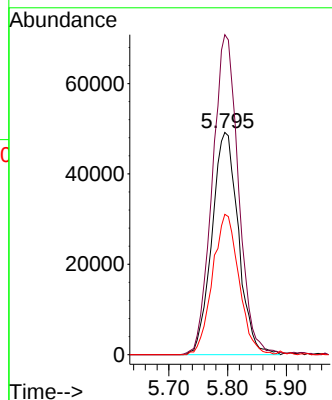
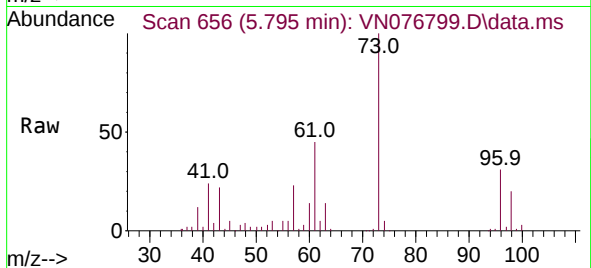
98 63.1 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#22

Diisopropyl ether

Concen: 59.609 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Tgt Ion: 45 Resp: 711880

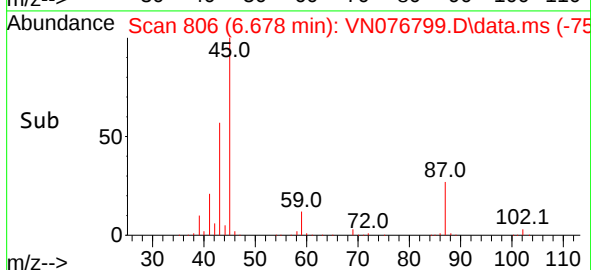
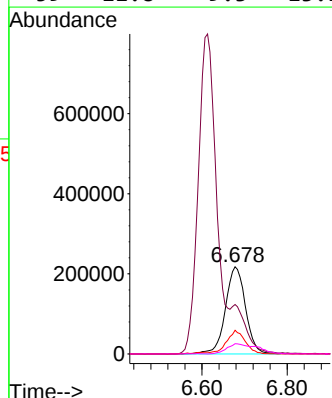
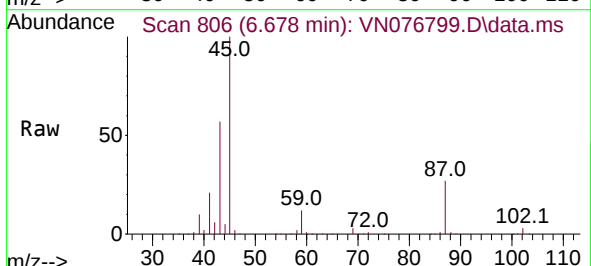
Ion Ratio Lower Upper

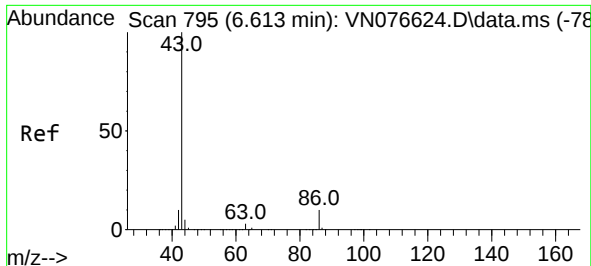
45 100

43 55.9 41.8 62.6

87 27.0 21.8 32.8

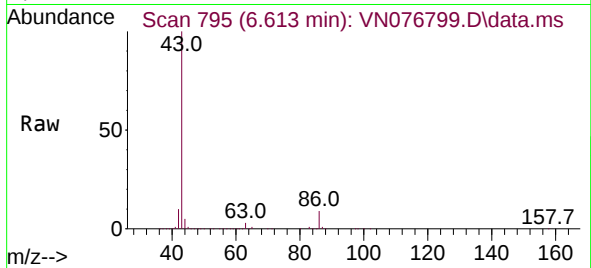
59 11.8 9.3 13.9





#23
 Vinyl Acetate
 Concen: 335.001 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076799.D
 Acq: 24 Feb 2023 10:43

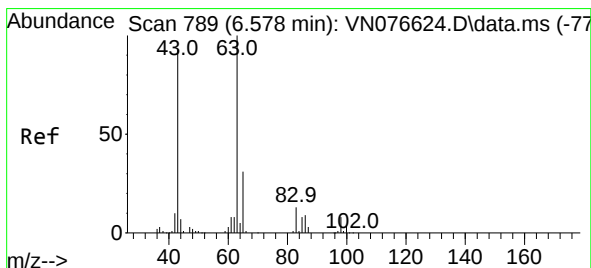
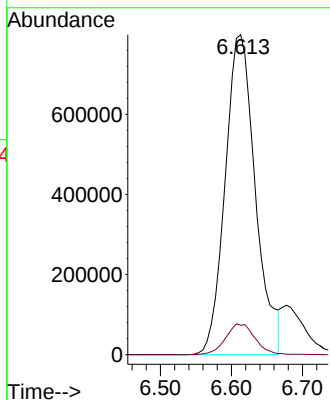
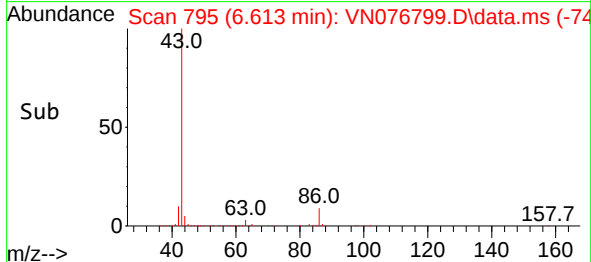
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 236711
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.2 12.2

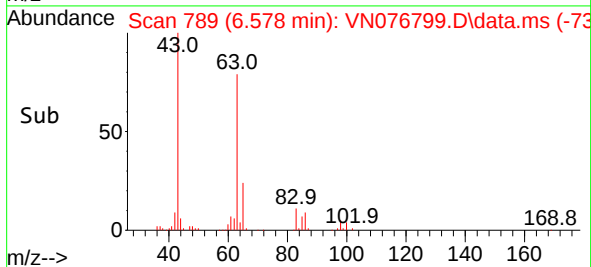
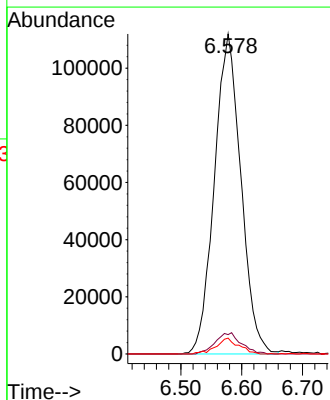
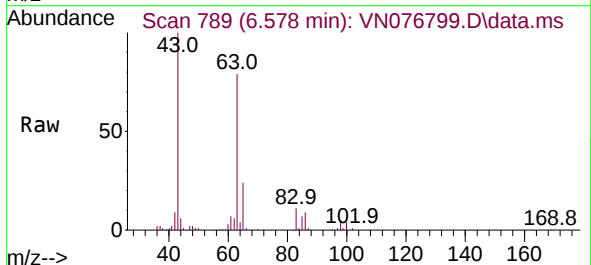
Manual Integrations
 APPROVED

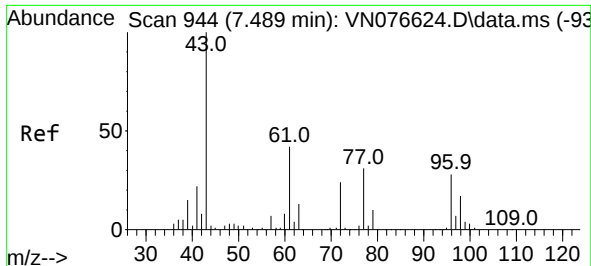
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#24
 1,1-Dichloroethane
 Concen: 51.814 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076799.D
 Acq: 24 Feb 2023 10:43

Tgt Ion: 63 Resp: 339133
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.1 12.3
 100 4.9 2.0 5.8





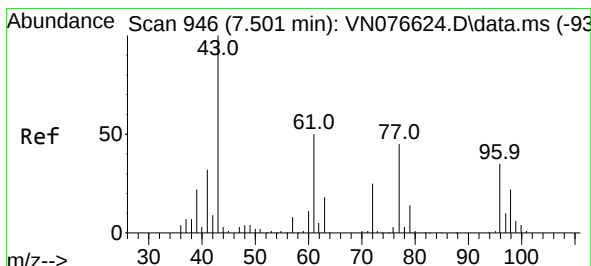
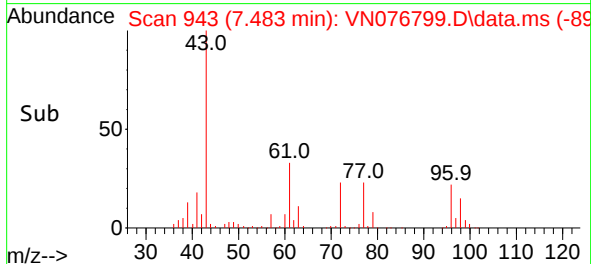
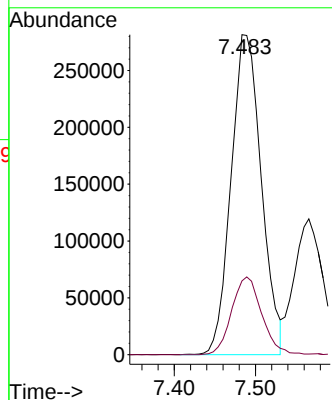
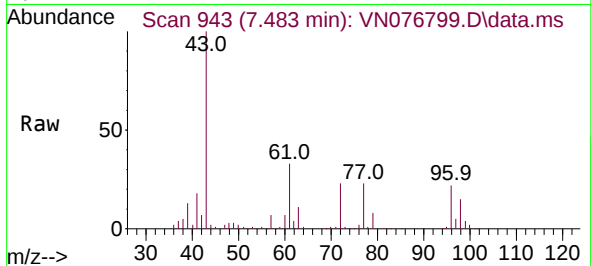
#25
2-Butanone
Concen: 281.658 ug/l
RT: 7.483 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 72958
Ion Ratio Lower Upper
43 100
72 23.1 19.4 29.2

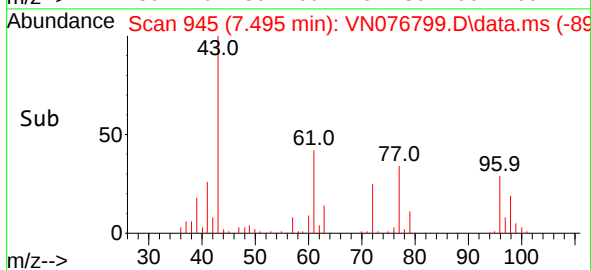
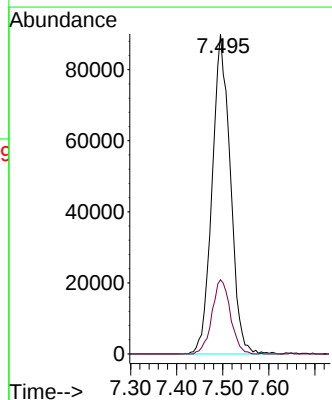
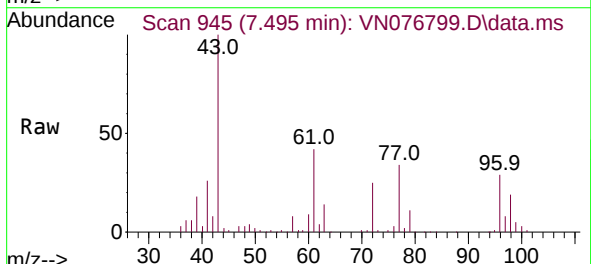
Manual Integrations
APPROVED

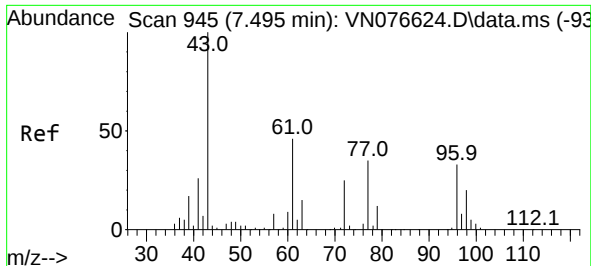
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#26
2,2-Dichloropropane
Concen: 52.295 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

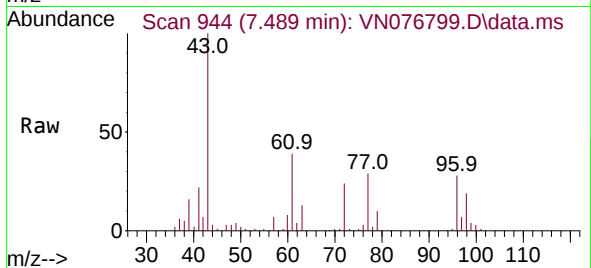
Tgt Ion: 77 Resp: 246885
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 52.346 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN076799.D
 Acq: 24 Feb 2023 10:43

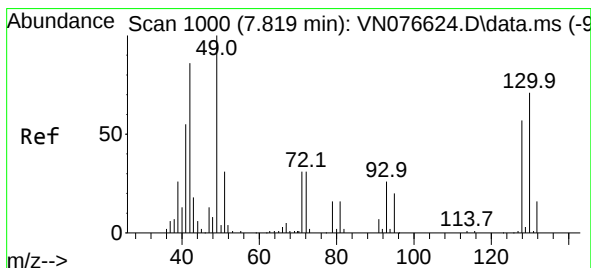
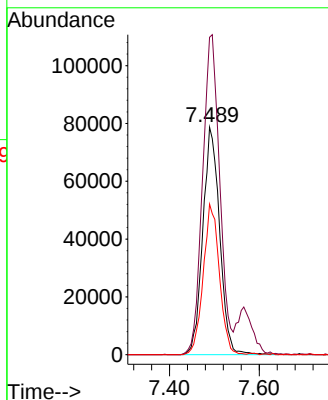
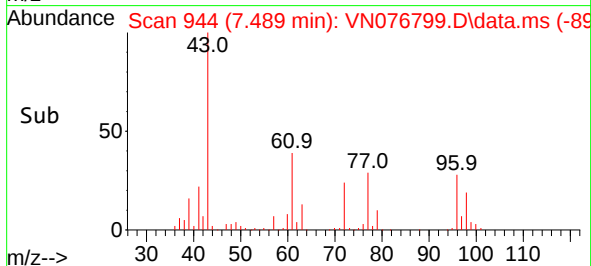
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 205370
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 286.8
 98 63.5 0.0 124.0

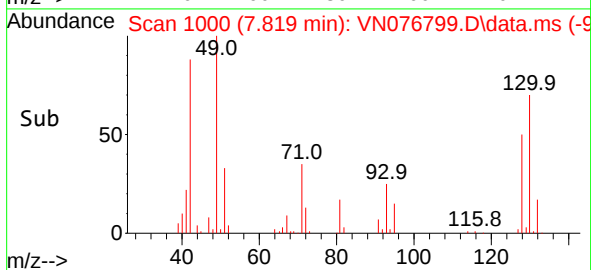
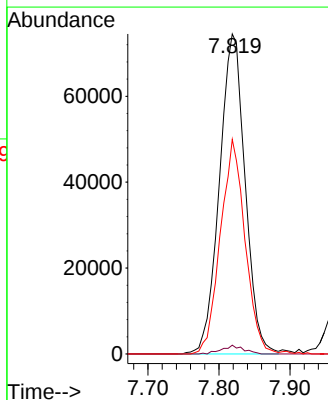
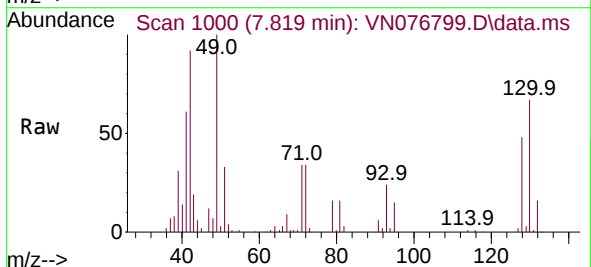
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#28
 Bromochloromethane
 Concen: 60.053 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076799.D
 Acq: 24 Feb 2023 10:43

Tgt Ion: 49 Resp: 187074
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 64.3 57.8 86.8





#29

Tetrahydrofuran

Concen: 287.935 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076799.D

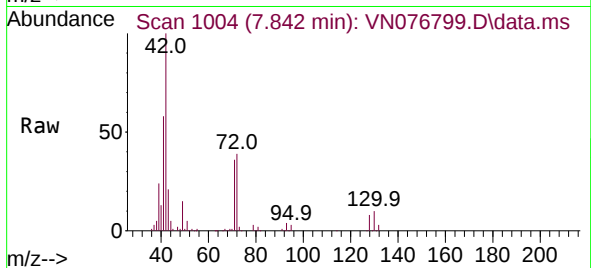
Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



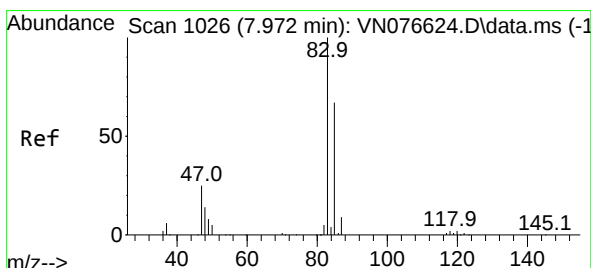
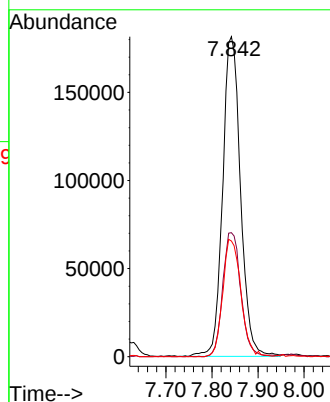
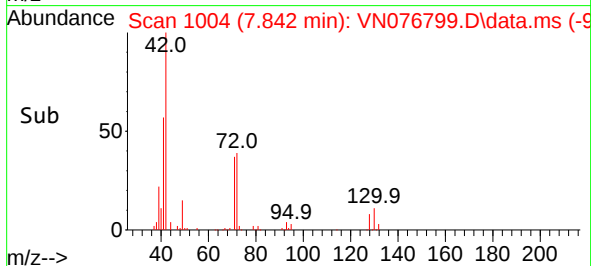
Tgt Ion:	42	Resp:	487290
Ion Ratio	100	Lower	Upper
42	100		
72	39.1	31.5	47.3
71	37.3	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#30

Chloroform

Concen: 54.739 ug/l

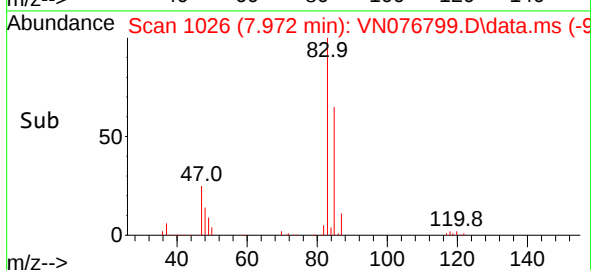
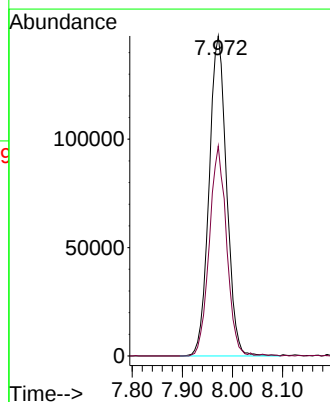
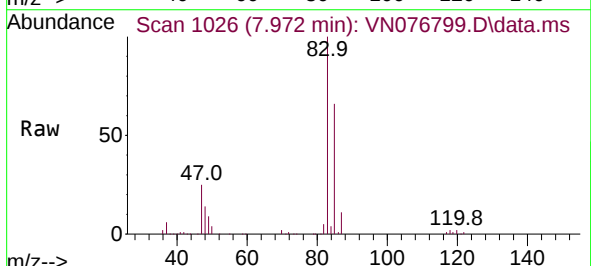
RT: 7.972 min Scan# 1026

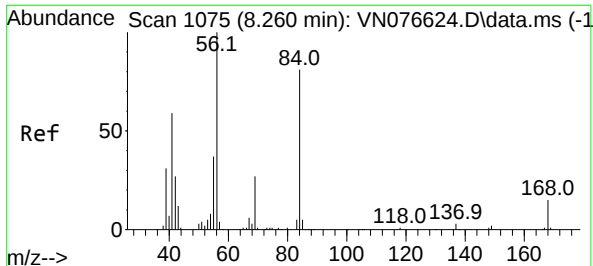
Delta R.T. -0.000 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

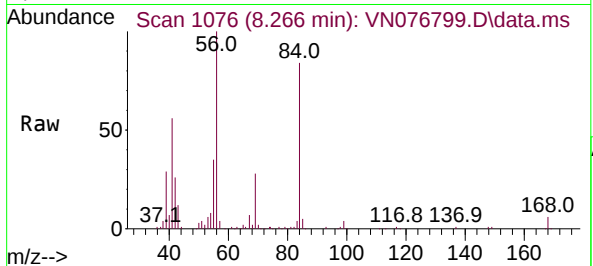
Tgt Ion:	83	Resp:	357962
Ion Ratio	100	Lower	Upper
83	100		
85	65.6	53.5	80.3





#31
Cyclohexane
Concen: 45.952 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

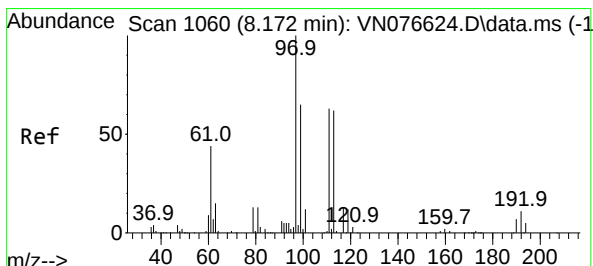
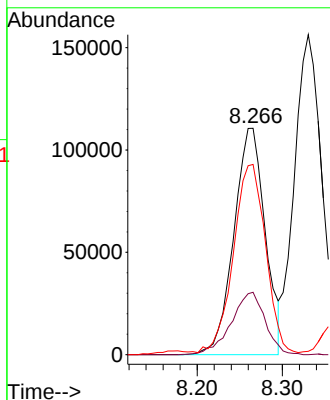
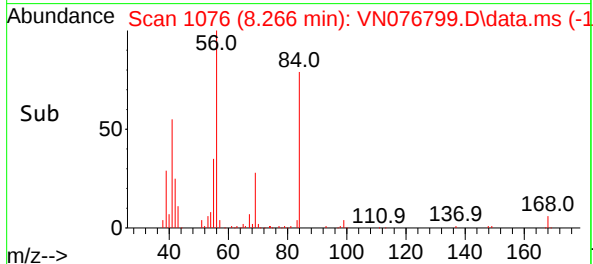
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



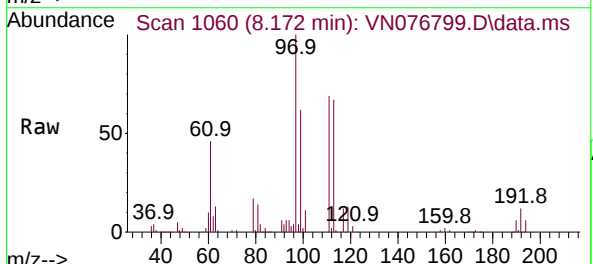
Tgt Ion: 56 Resp: 28337
Ion Ratio Lower Upper
56 100
69 27.6 21.6 32.4
84 82.3 65.1 97.7

Manual Integrations
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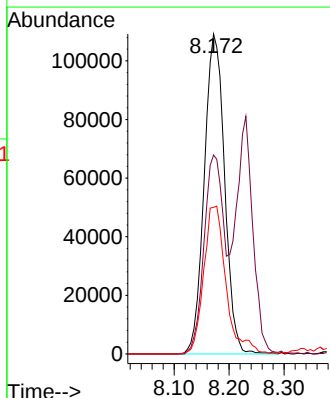
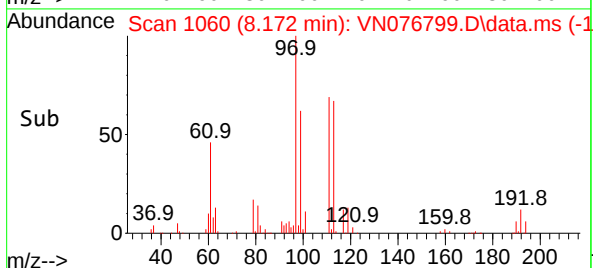
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

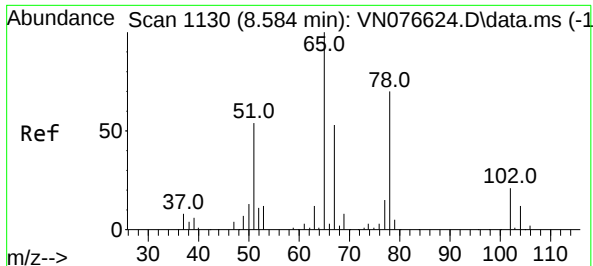


#32
1,1,1-Trichloroethane
Concen: 51.077 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



Tgt Ion: 97 Resp: 280840
Ion Ratio Lower Upper
97 100
99 58.9 51.2 76.8
61 50.7 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 56.507 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22214

Ion Ratio Lower Upper

65 100

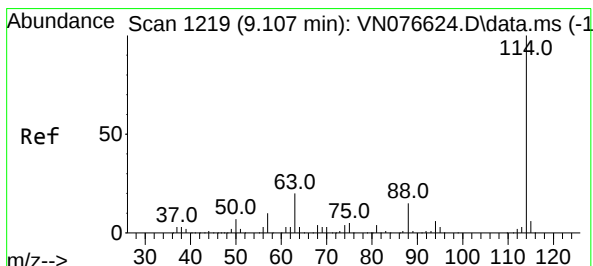
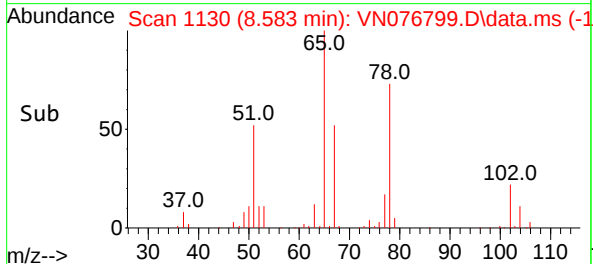
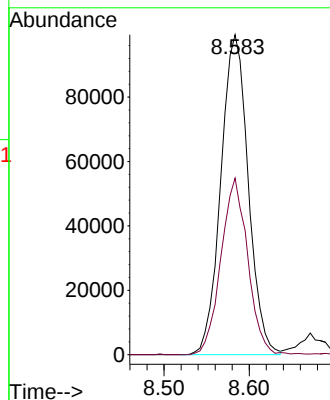
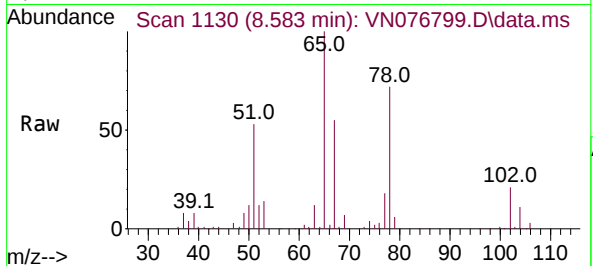
67 54.0 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

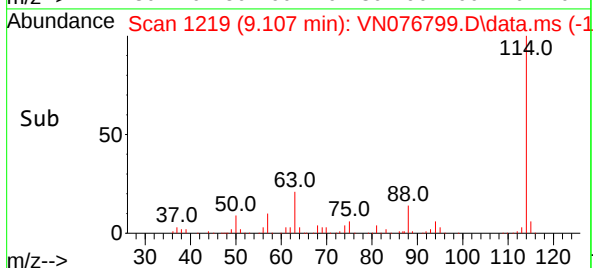
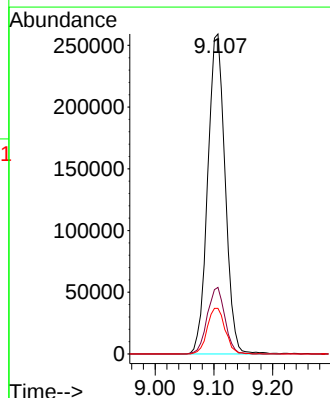
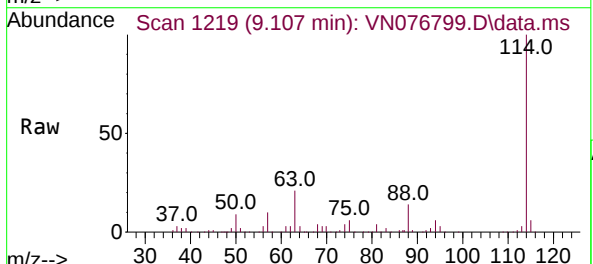
Tgt Ion:114 Resp: 533848

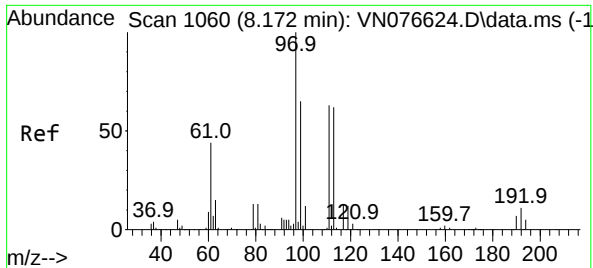
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.477 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 172970

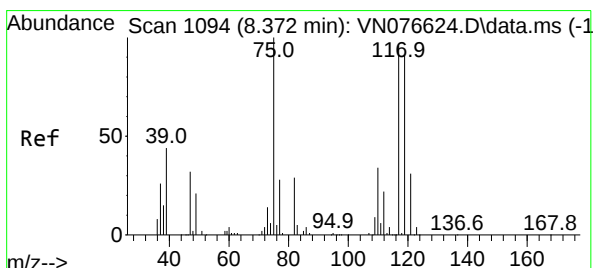
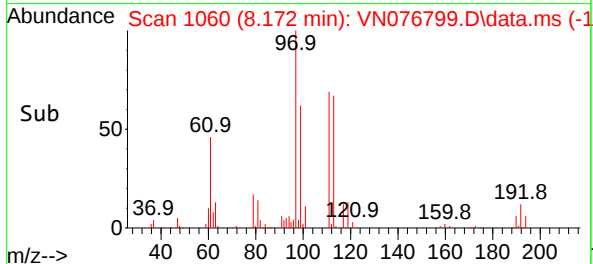
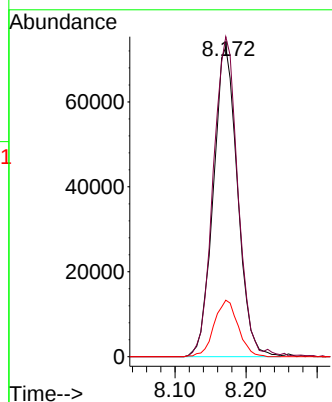
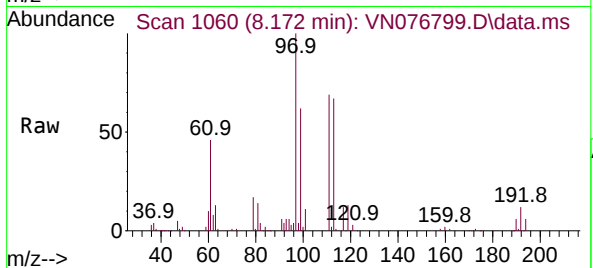
Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.1	124.7
192	18.1	15.6	23.4

Manual Integrations

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Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#36

1,1-Dichloropropene

Concen: 46.728 ug/l

RT: 8.372 min Scan# 1094

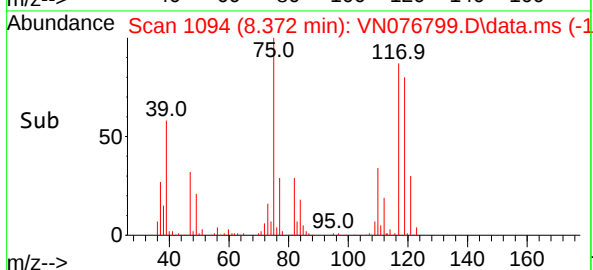
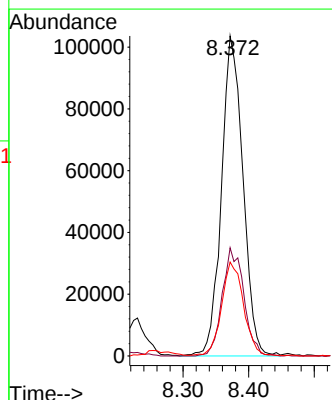
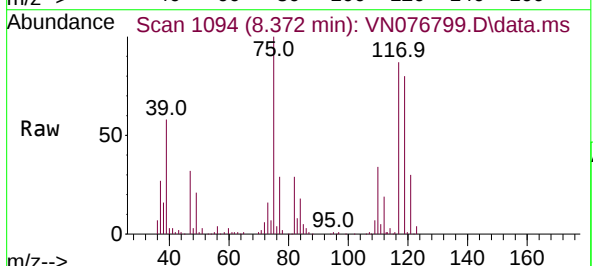
Delta R.T. -0.000 min

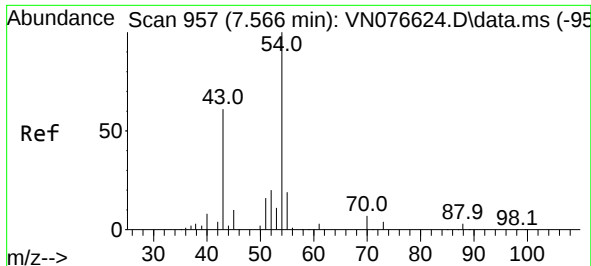
Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Tgt Ion: 75 Resp: 236035

Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.5	52.5
77	29.6	24.5	36.7





#37

Ethyl Acetate

Concen: 56.784 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 30178

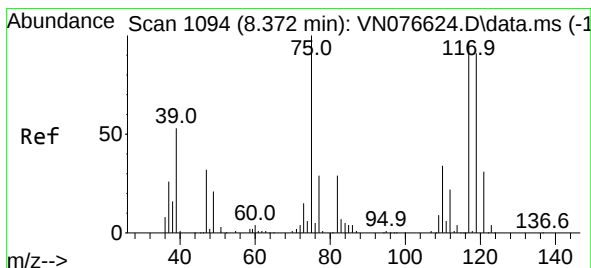
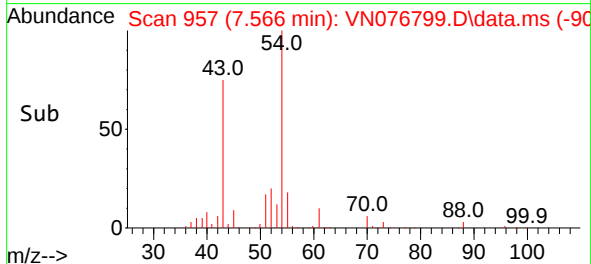
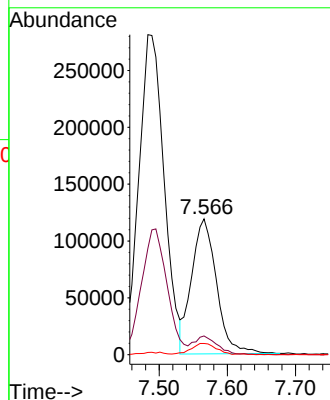
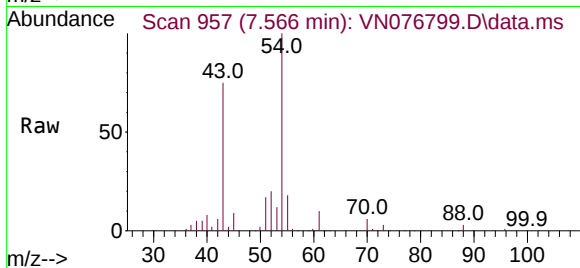
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.9	14.9
70	8.5	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#38

Carbon Tetrachloride

Concen: 45.974 ug/l

RT: 8.366 min Scan# 1093

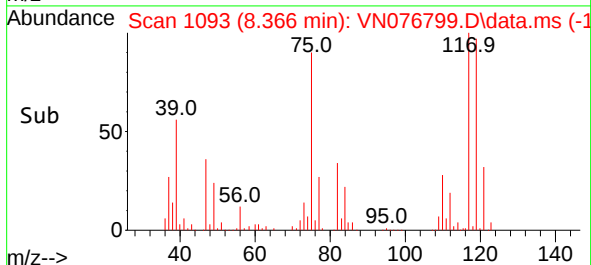
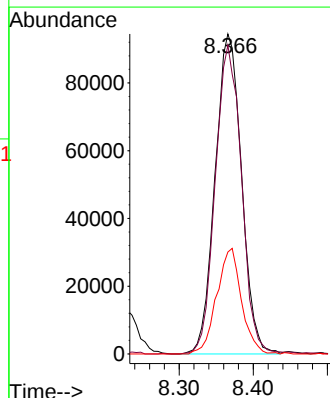
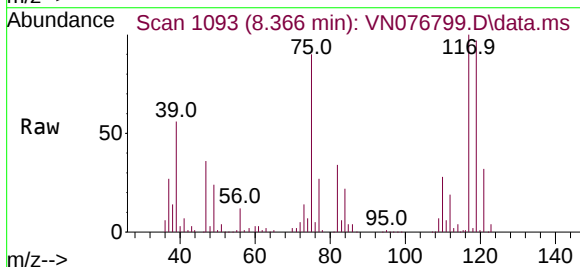
Delta R.T. -0.006 min

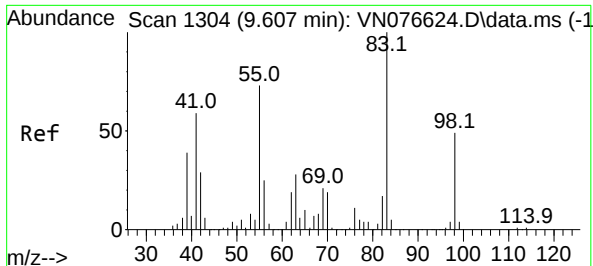
Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Tgt Ion:117 Resp: 234264

Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
121	31.9	26.0	39.0





#39

Methylcyclohexane

Concen: 48.136 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 27638

Ion Ratio Lower Upper

83 100

55 77.6 58.6 88.0

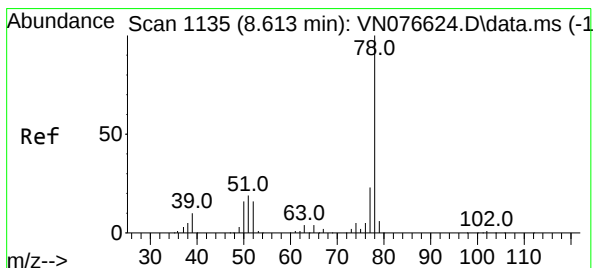
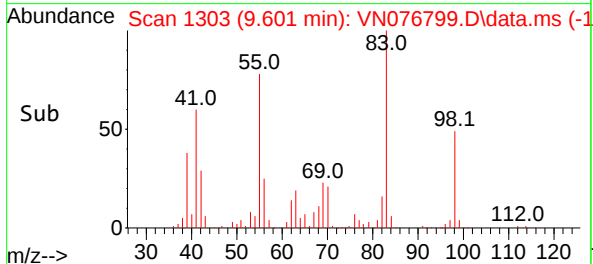
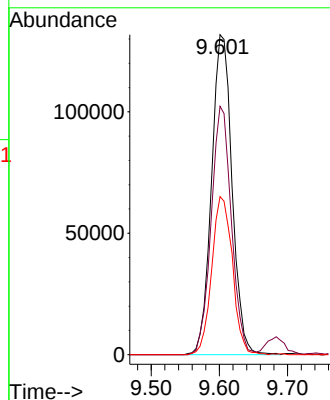
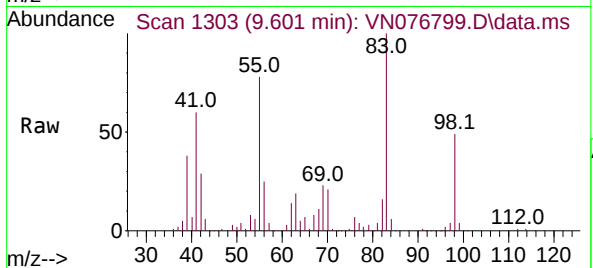
98 49.4 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#40

Benzene

Concen: 50.775 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076799.D

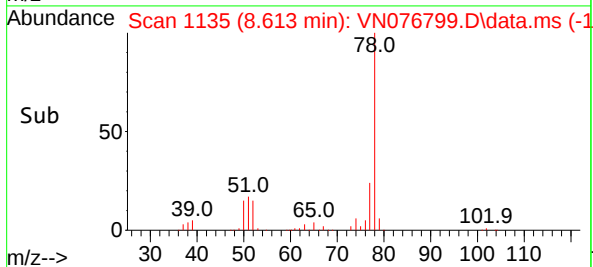
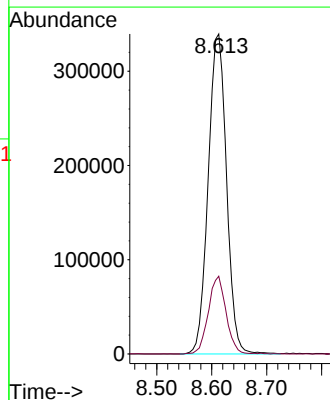
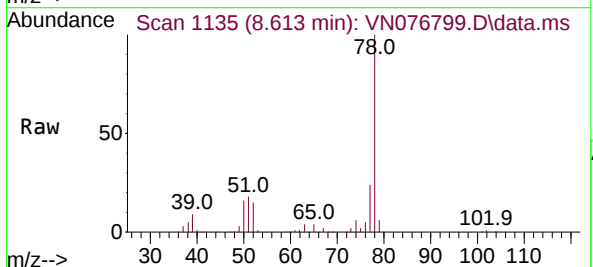
Acq: 24 Feb 2023 10:43

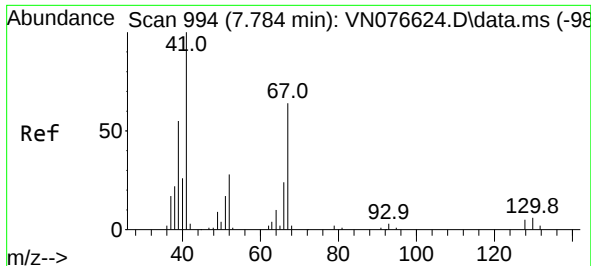
Tgt Ion: 78 Resp: 787627

Ion Ratio Lower Upper

78 100

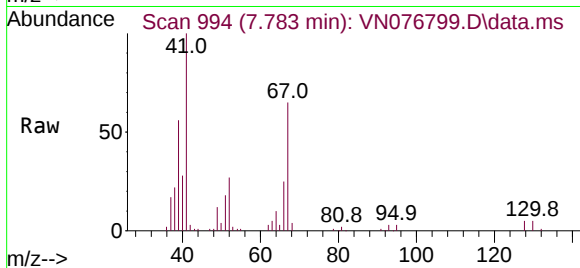
77 24.3 18.2 27.4





#41
Methacrylonitrile
Concen: 53.808 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

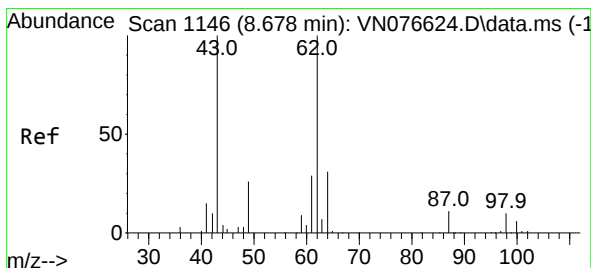
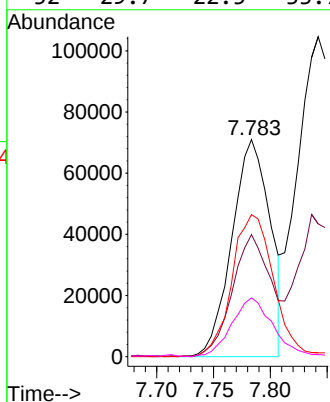
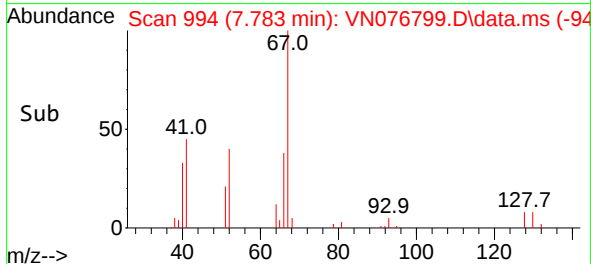
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



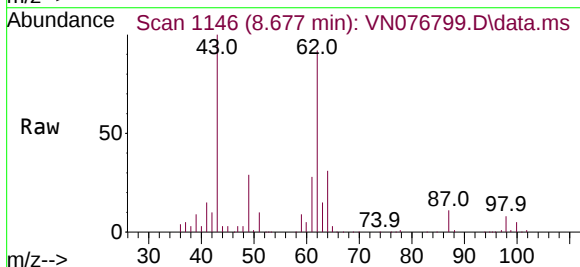
Tgt Ion: 41 Resp: 16566
Ion Ratio Lower Upper
41 100
39 59.4 42.6 63.8
67 71.7 51.4 77.0
52 29.7 22.5 33.7

Manual Integrations
APPROVED

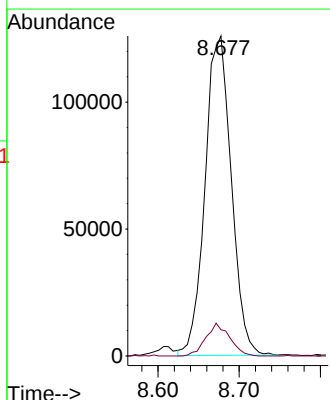
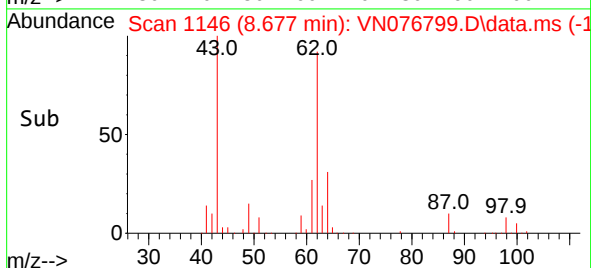
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

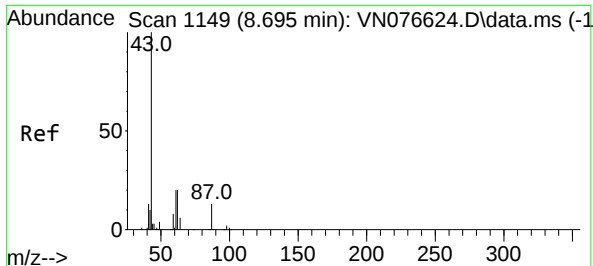


#42
1,2-Dichloroethane
Concen: 52.303 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



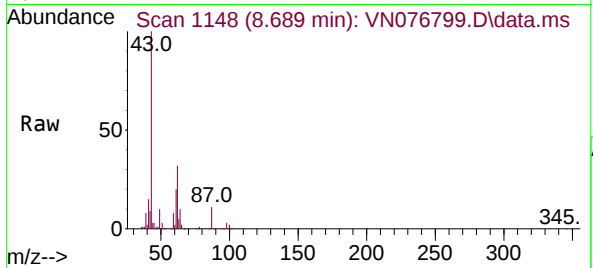
Tgt Ion: 62 Resp: 282966
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43
Isopropyl Acetate
Concen: 58.339 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

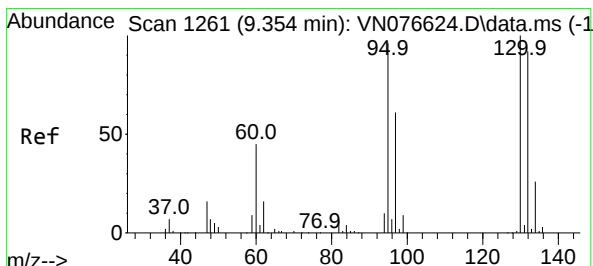
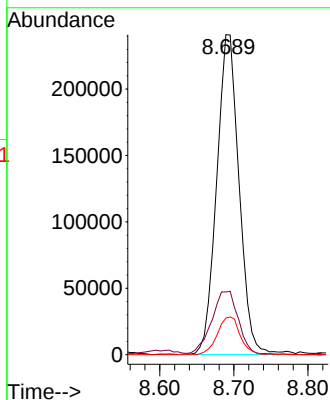
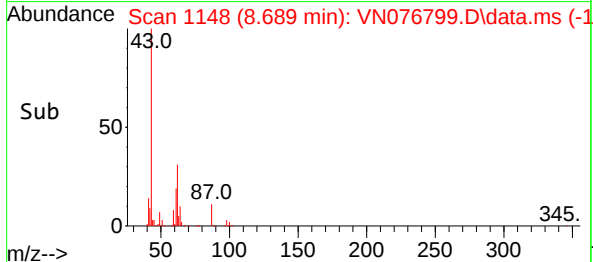
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 504510
Ion Ratio Lower Upper
43 100
61 23.5 20.0 30.0
87 12.0 9.9 14.9

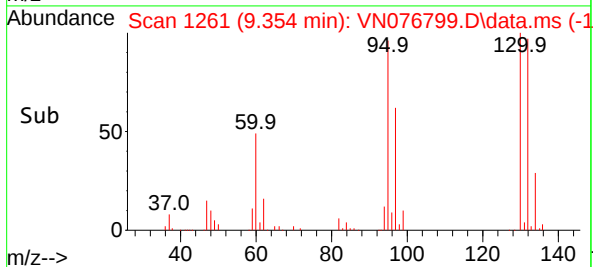
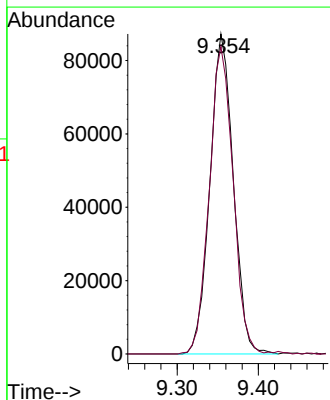
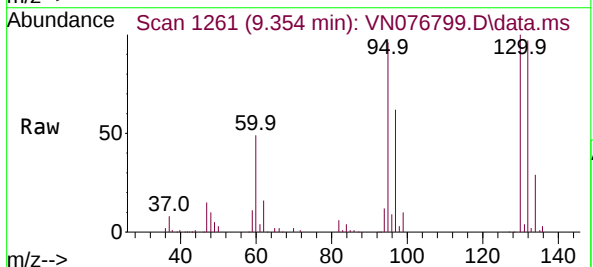
Manual Integrations
APPROVED

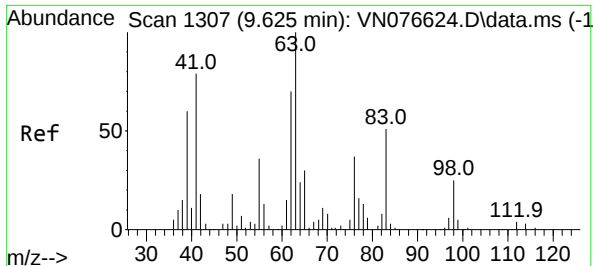
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#44
Trichloroethene
Concen: 47.603 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion:130 Resp: 174495
Ion Ratio Lower Upper
130 100
95 96.0 0.0 191.4





#45

1,2-Dichloropropane

Concen: 52.336 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 214908

Ion Ratio Lower Upper

63 100

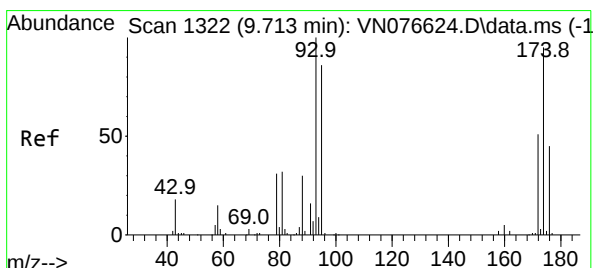
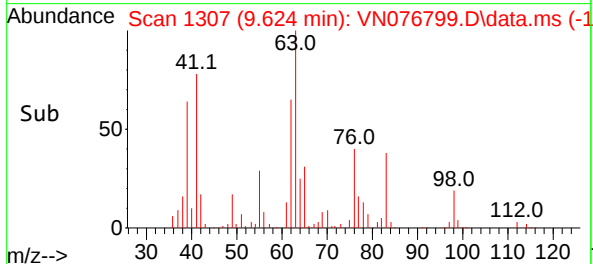
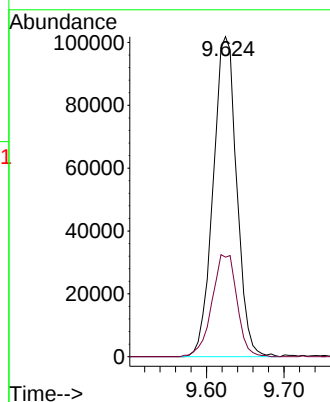
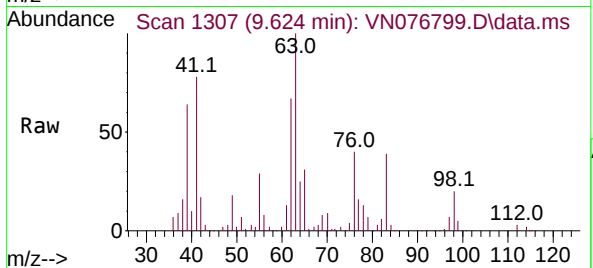
65 31.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#46

Dibromomethane

Concen: 53.569 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

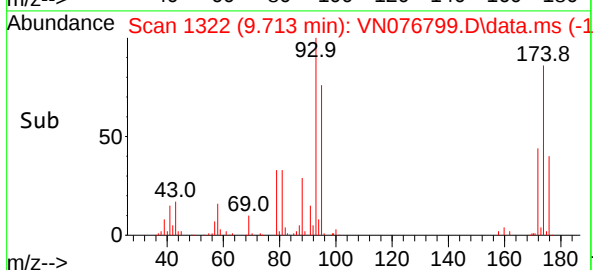
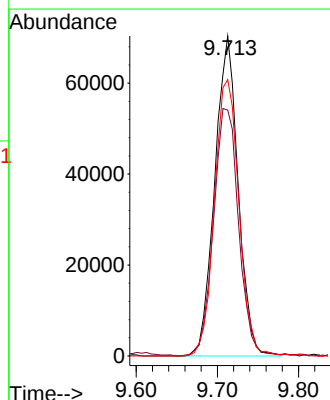
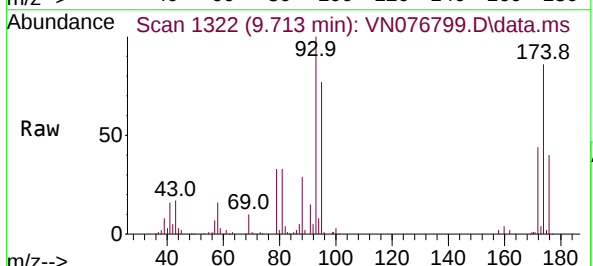
Tgt Ion: 93 Resp: 140630

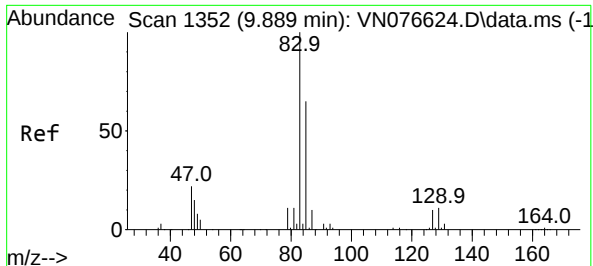
Ion Ratio Lower Upper

93 100

95 83.3 66.0 99.0

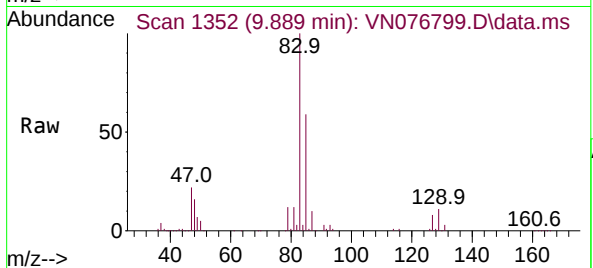
174 90.9 75.8 113.8





#47
Bromodichloromethane
Concen: 55.406 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

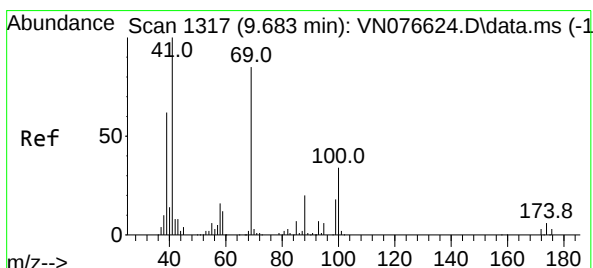
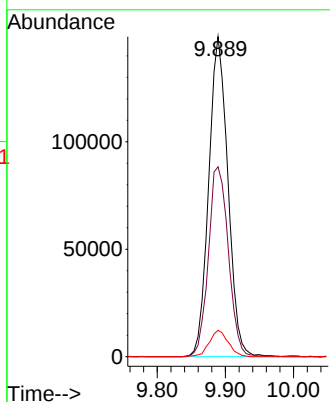
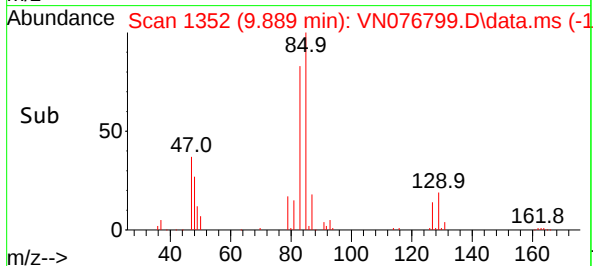
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



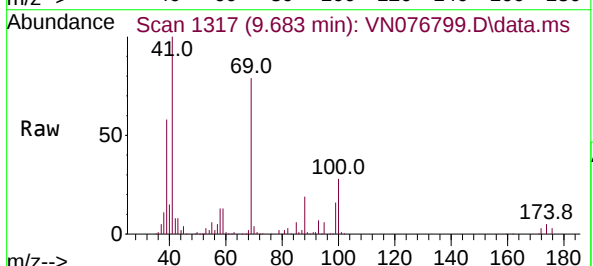
Tgt Ion: 83 Resp: 291612
Ion Ratio Lower Upper
83 100
85 59.4 51.8 77.6
127 8.3 7.9 11.9

Manual Integrations
APPROVED

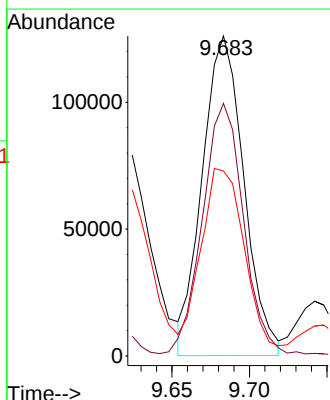
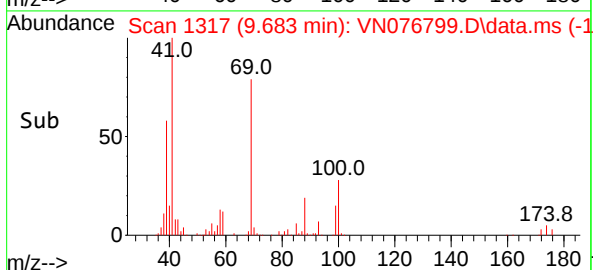
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

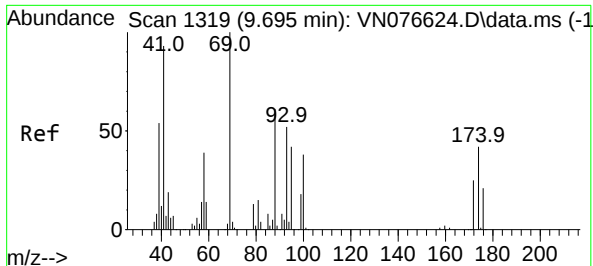


#48
Methyl methacrylate
Concen: 57.242 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



Tgt Ion: 41 Resp: 234906
Ion Ratio Lower Upper
41 100
69 79.2 65.4 98.0
39 62.2 49.3 73.9





#49

1,4-Dioxane

Concen: 1144.131 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 81218

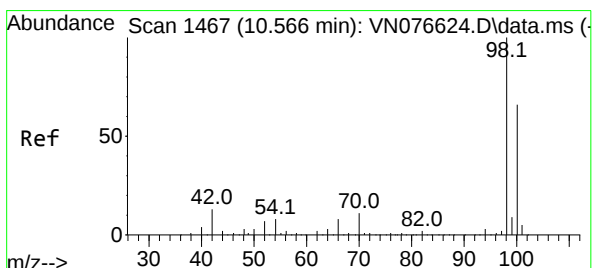
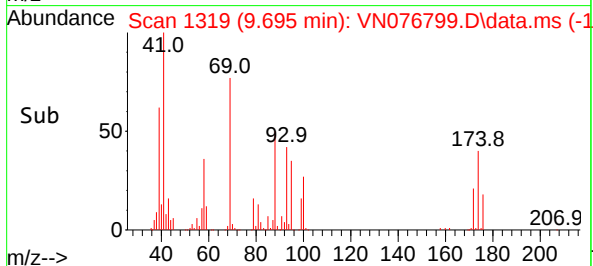
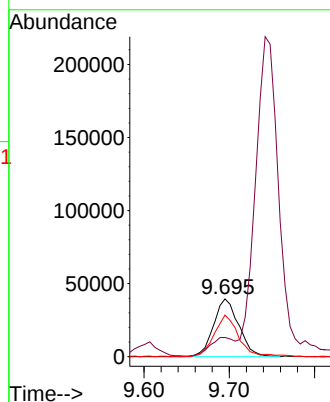
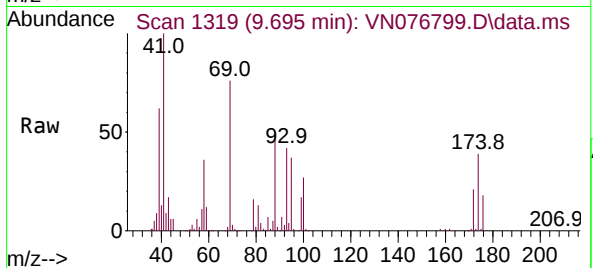
Ion	Ratio	Lower	Upper
88	100		
43	31.3	22.6	33.8
58	70.7	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#50

Toluene-d8

Concen: 52.038 ug/l

RT: 10.571 min Scan# 1468

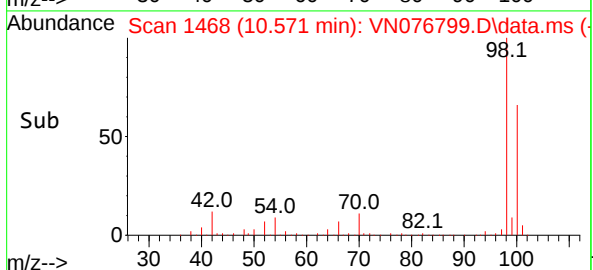
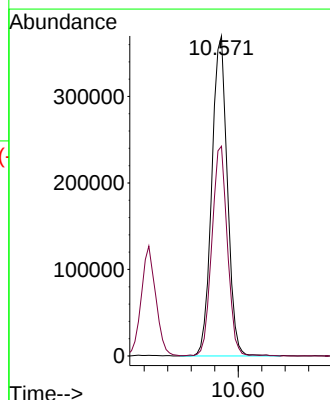
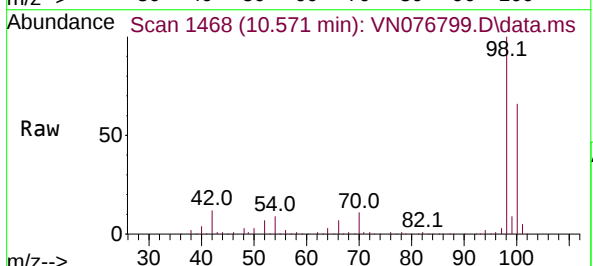
Delta R.T. 0.005 min

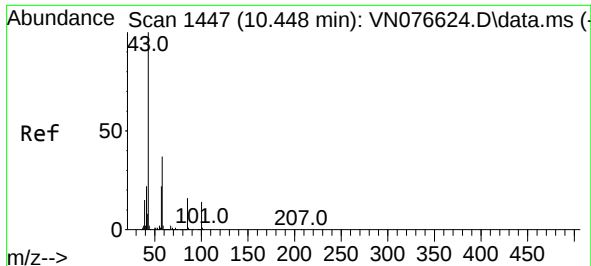
Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Tgt Ion: 98 Resp: 679423

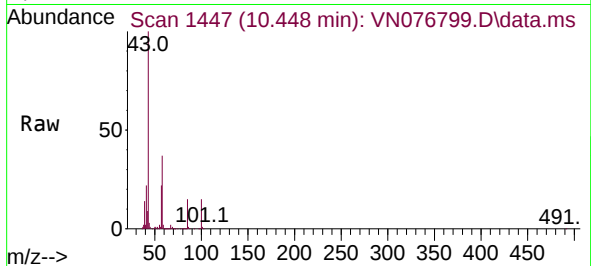
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 288.995 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

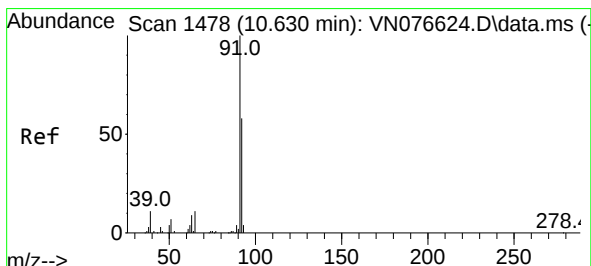
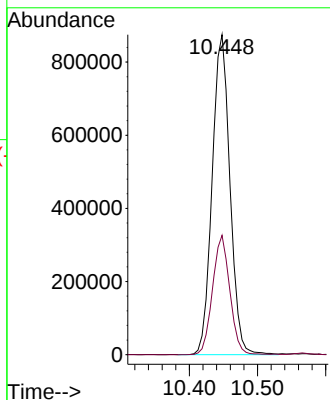
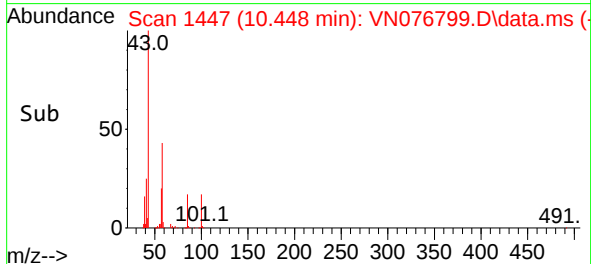
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



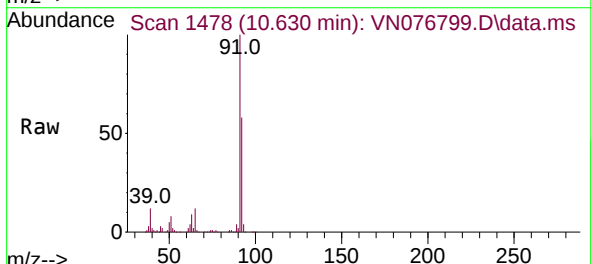
Tgt Ion: 43 Resp: 159014
Ion Ratio Lower Upper
43 100
58 36.3 29.5 44.3

Manual Integrations
APPROVED

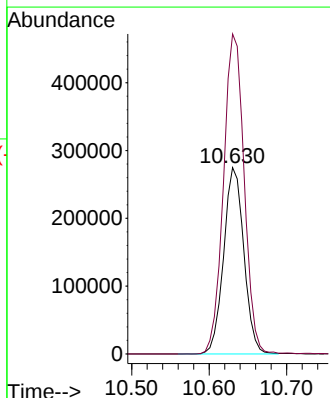
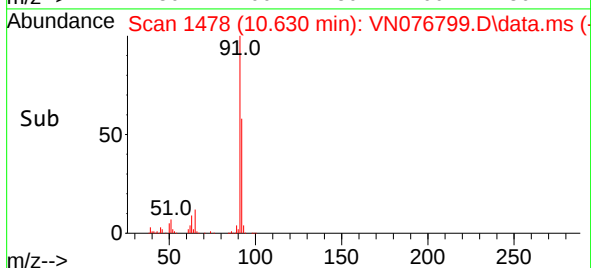
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

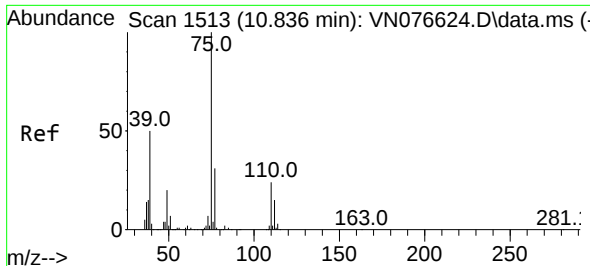


#52
Toluene
Concen: 53.207 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



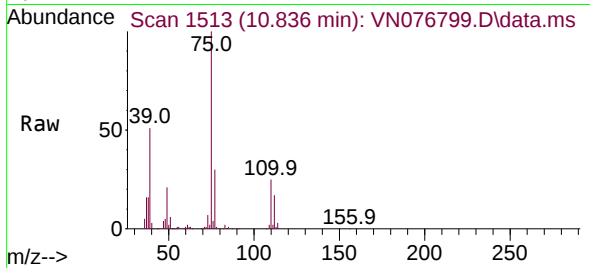
Tgt Ion: 92 Resp: 498295
Ion Ratio Lower Upper
92 100
91 176.0 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 60.569 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

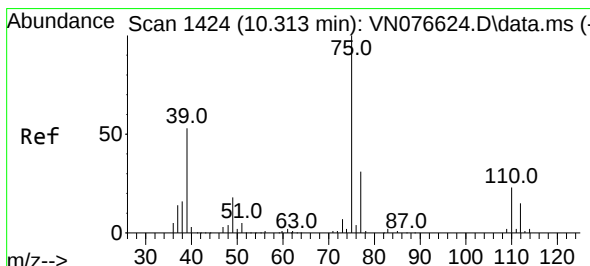
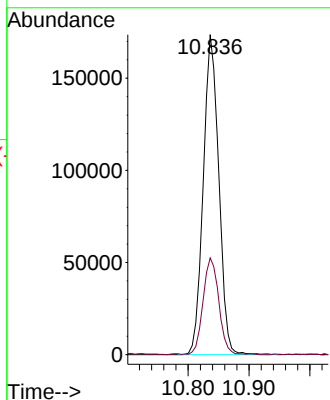
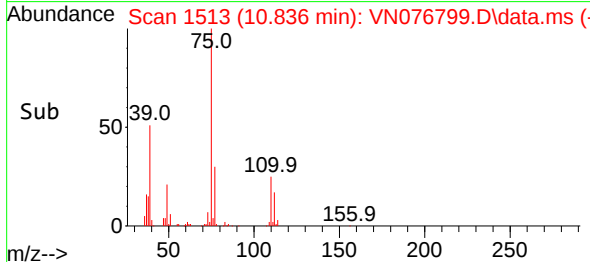
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 307694
Ion Ratio Lower Upper
75 100
77 30.1 24.6 37.0

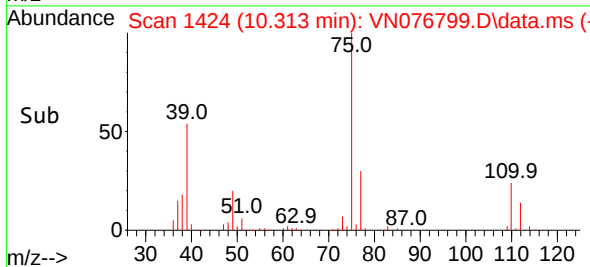
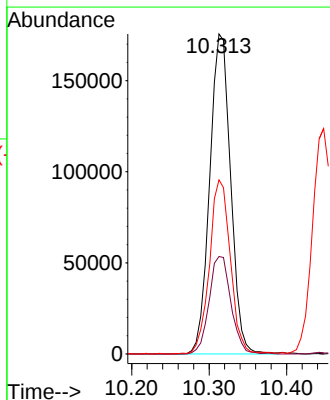
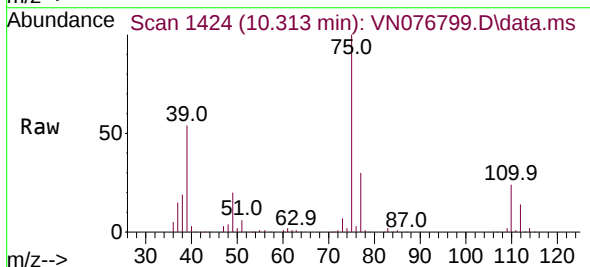
Manual Integrations
APPROVED

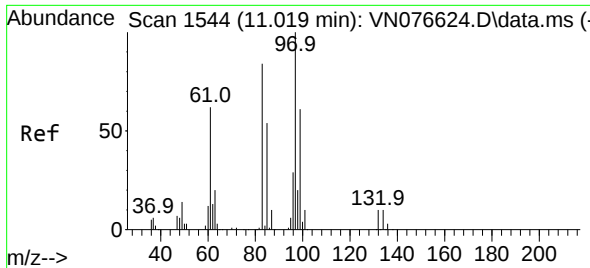
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#54
cis-1,3-Dichloropropene
Concen: 56.271 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

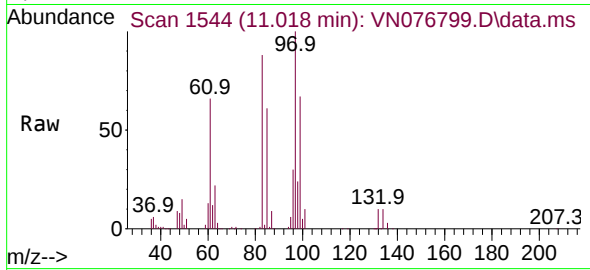
Tgt Ion: 75 Resp: 329733
Ion Ratio Lower Upper
75 100
77 30.5 25.1 37.7
39 54.3 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 54.490 ug/l
RT: 11.018 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

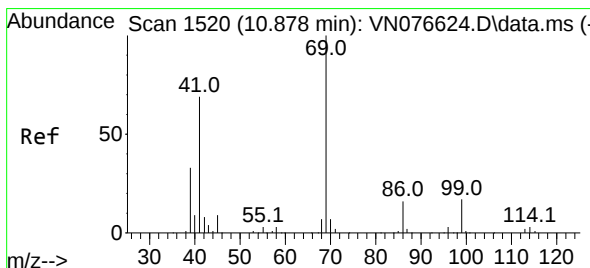
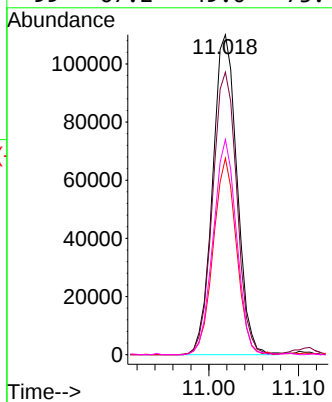
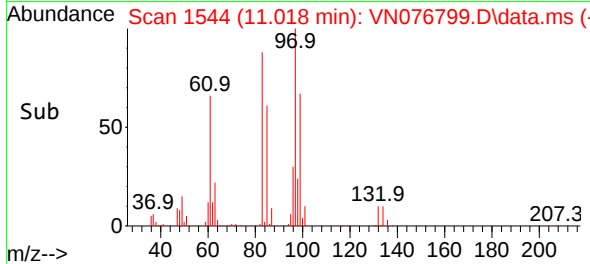
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 207509
Ion Ratio Lower Upper
97 100
83 88.3 67.3 100.9
85 61.4 43.2 64.8
99 67.2 49.0 73.4

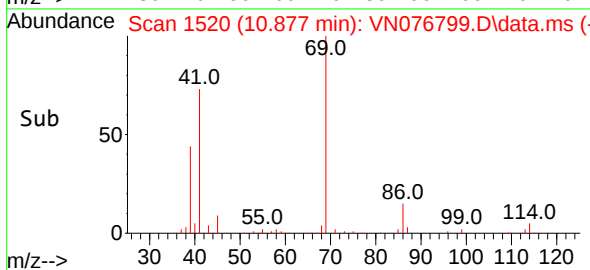
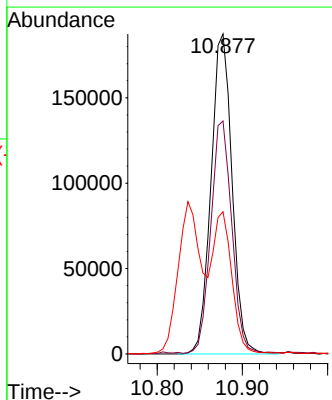
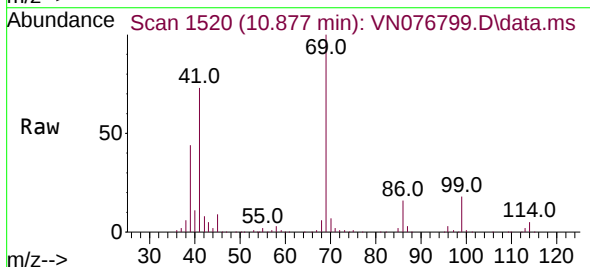
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#56
Ethyl methacrylate
Concen: 59.996 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion: 69 Resp: 321598
Ion Ratio Lower Upper
69 100
41 72.4 55.1 82.7
39 39.0 30.7 46.1





#57

1,3-Dichloropropane

Concen: 55.921 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN076799.D

Acq: 24 Feb 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 36587

Ion Ratio Lower Upper

76 100

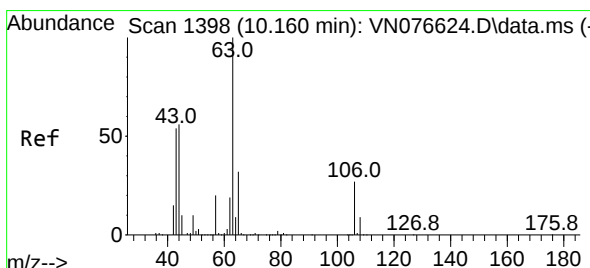
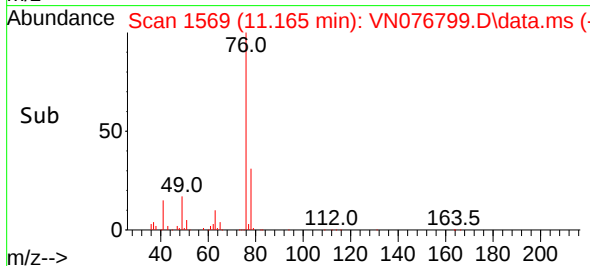
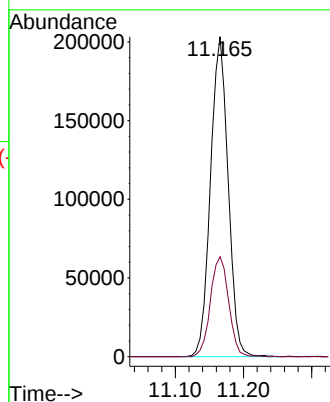
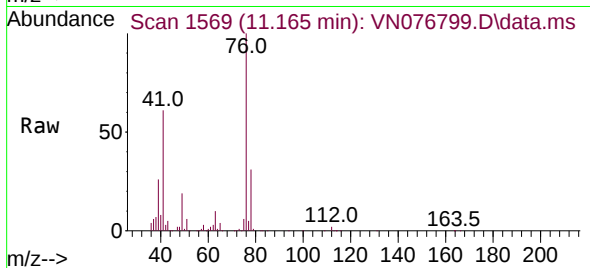
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 276.499 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076799.D

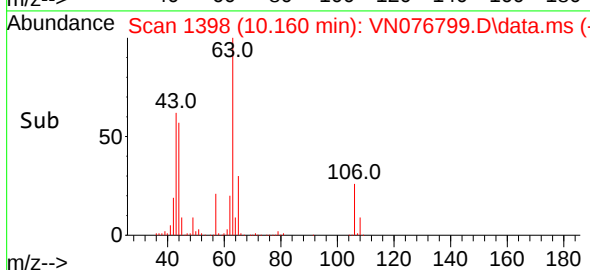
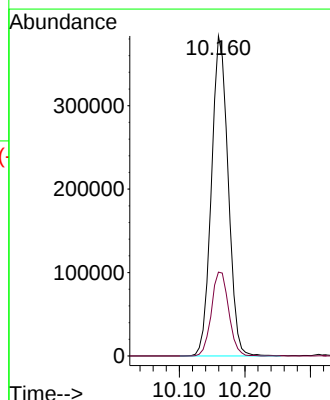
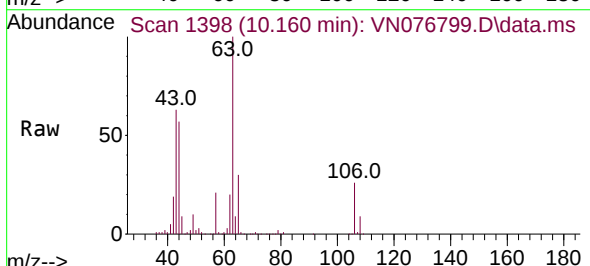
Acq: 24 Feb 2023 10:43

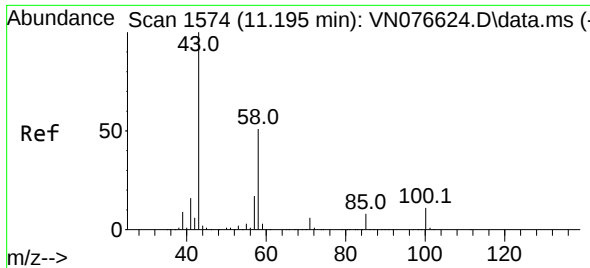
Tgt Ion: 63 Resp: 678782

Ion Ratio Lower Upper

63 100

106 27.0 22.3 33.5





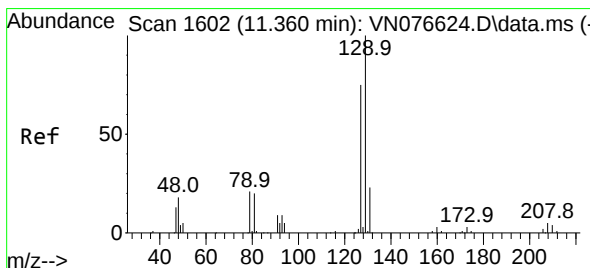
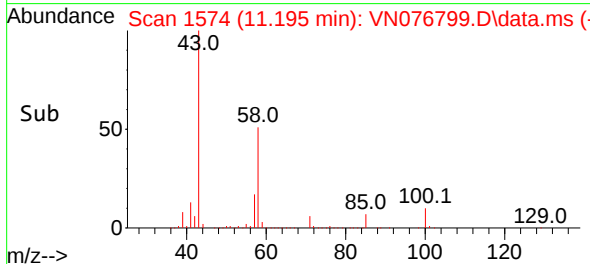
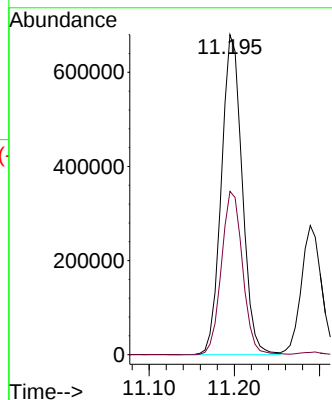
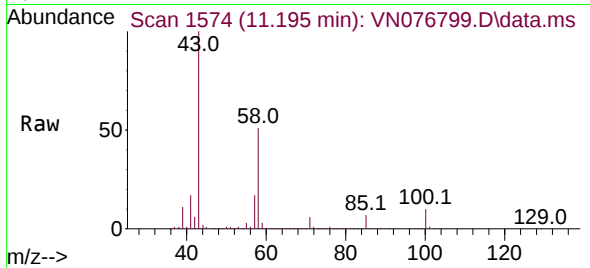
#59
2-Hexanone
Concen: 291.048 ug/l
RT: 11.195 min Scan# 115468
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 115468
Ion Ratio Lower Upper
43 100
58 52.0 25.4 76.0

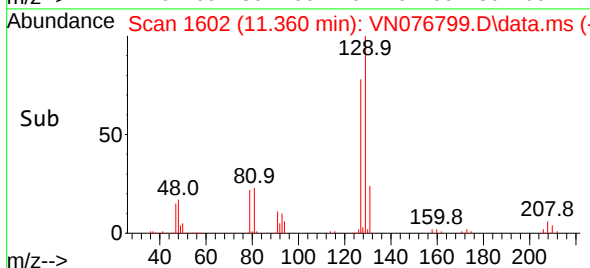
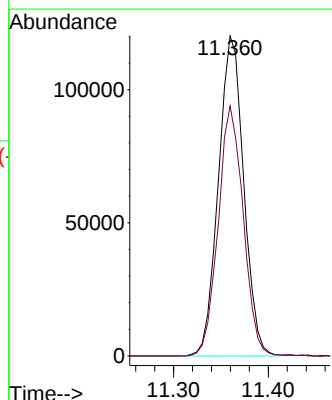
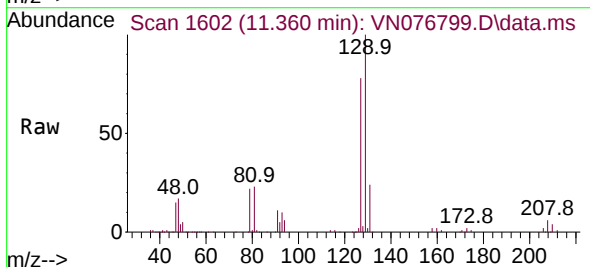
Manual Integrations
APPROVED

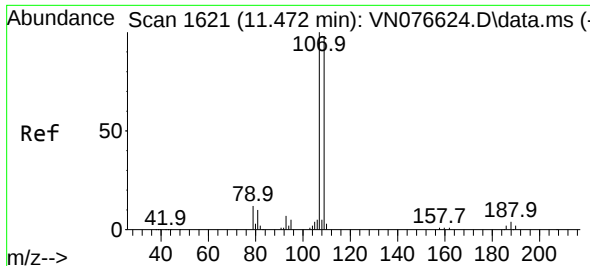
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#60
Dibromochloromethane
Concen: 55.523 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

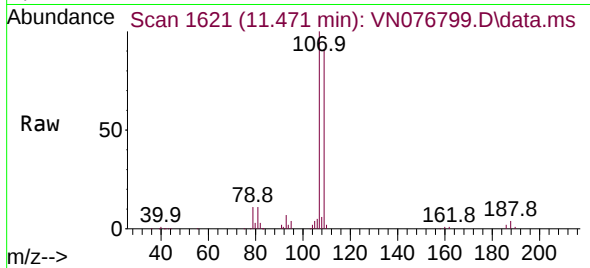
Tgt Ion:129 Resp: 222847
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.456 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

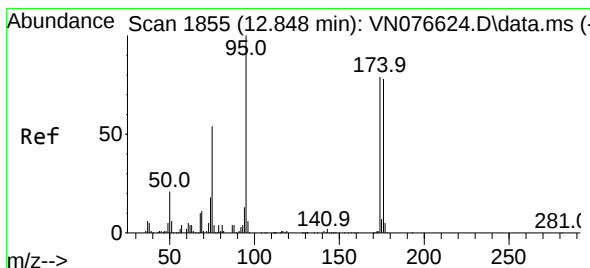
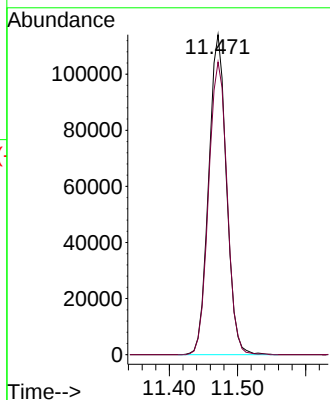
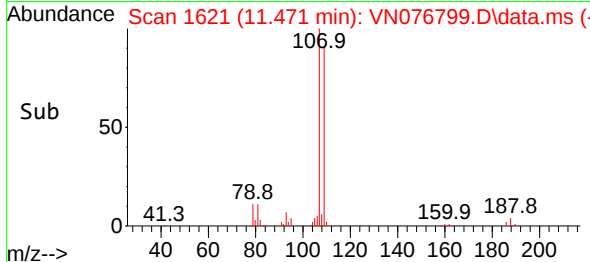
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



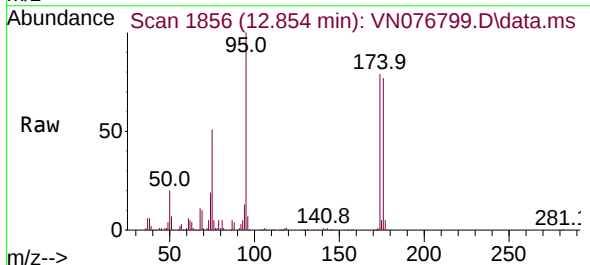
Tgt Ion:107 Resp: 20757
Ion Ratio Lower Upper
107 100
109 94.9 76.8 115.2

Manual Integrations
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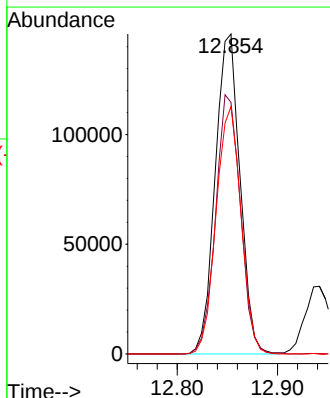
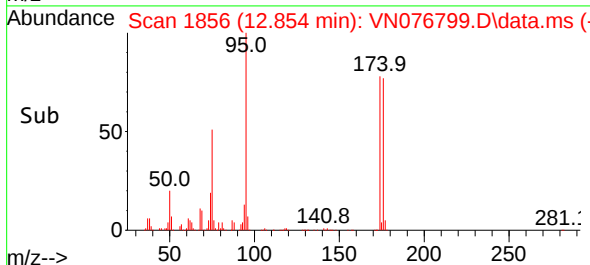
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

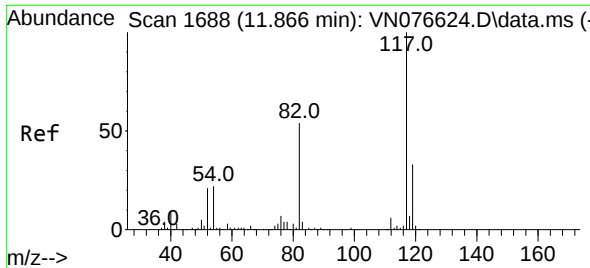


#62
4-Bromofluorobenzene
Concen: 57.965 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



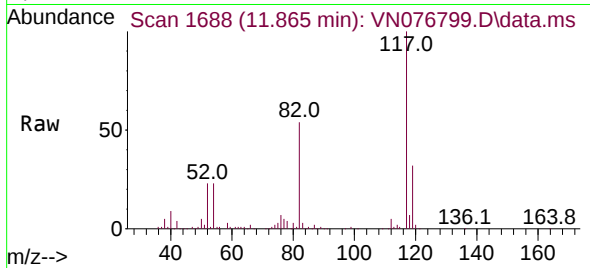
Tgt Ion: 95 Resp: 250656
Ion Ratio Lower Upper
95 100
174 80.9 0.0 169.2
176 77.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

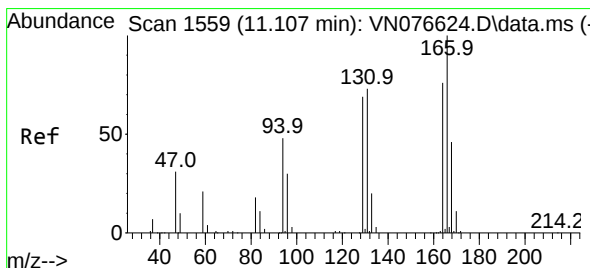
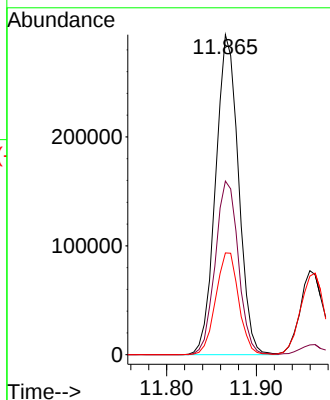
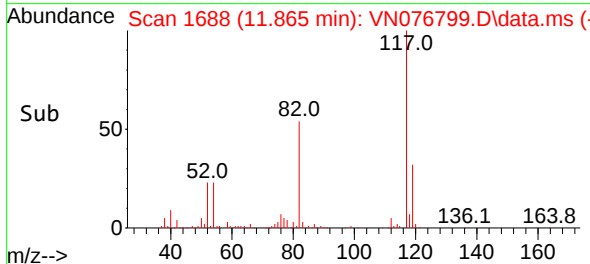
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



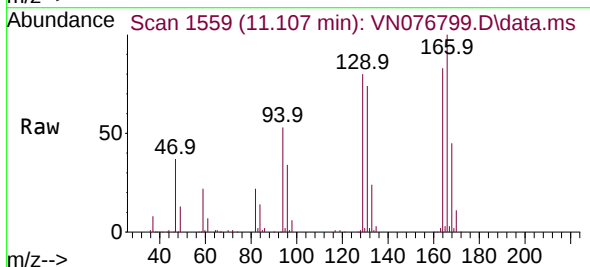
Tgt Ion:117 Resp: 520210
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.2
119 31.8 26.1 39.1

Manual Integrations
APPROVED

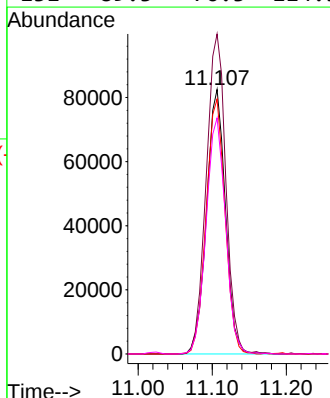
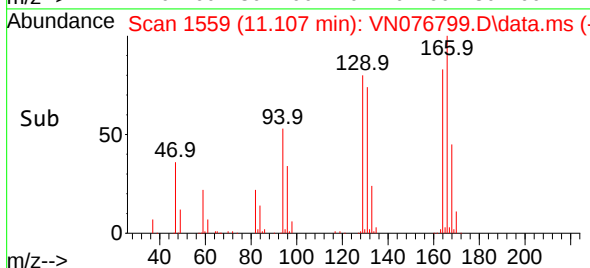
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

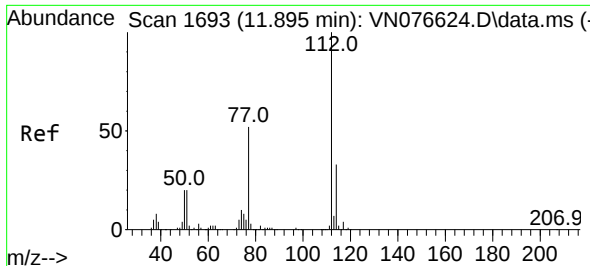


#64
Tetrachloroethene
Concen: 44.708 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



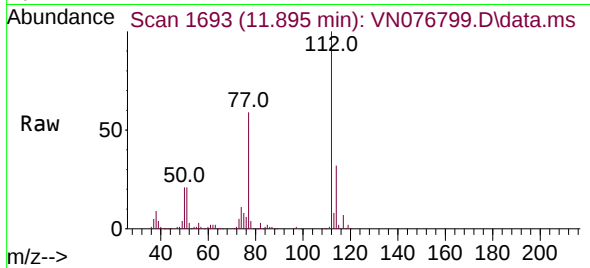
Tgt Ion:164 Resp: 146569
Ion Ratio Lower Upper
164 100
166 121.0 104.8 157.2
129 96.4 72.2 108.2
131 89.3 76.3 114.5





#65
Chlorobenzene
Concen: 49.484 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

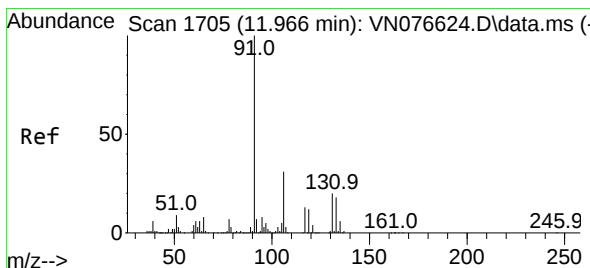
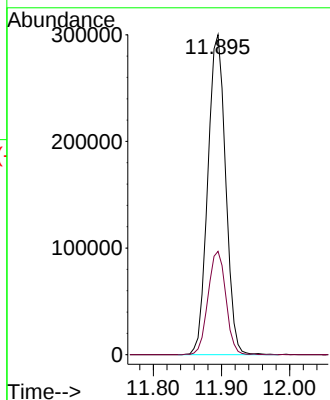
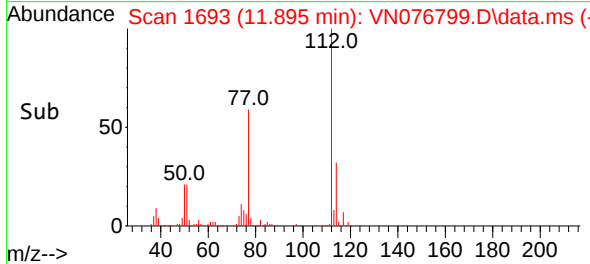
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



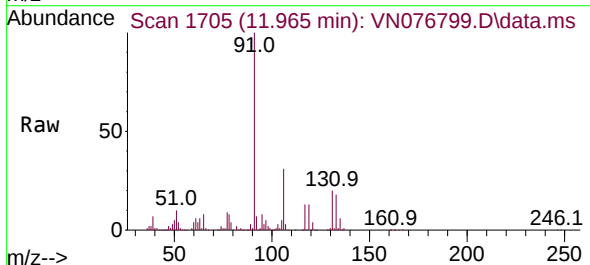
Tgt Ion:112 Resp: 545554
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6

Manual Integrations
APPROVED

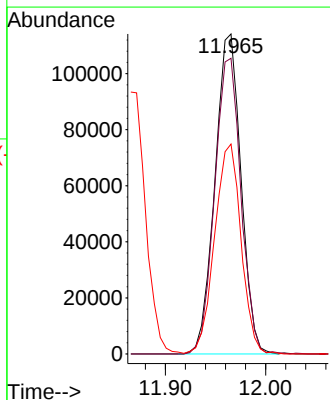
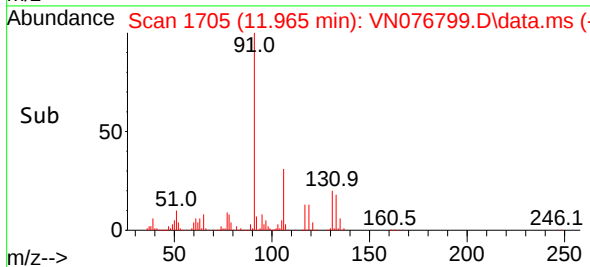
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

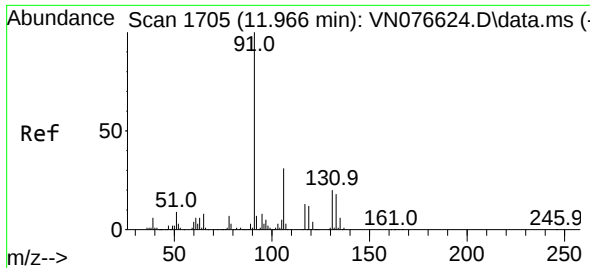


#66
1,1,1,2-Tetrachloroethane
Concen: 51.443 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



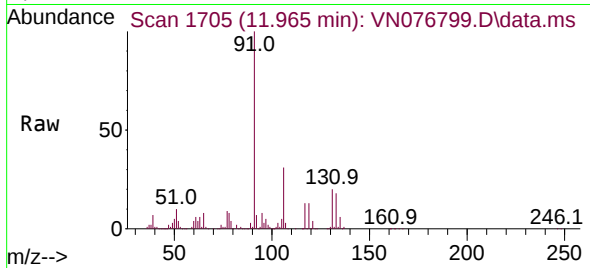
Tgt Ion:131 Resp: 206005
Ion Ratio Lower Upper
131 100
133 93.3 47.0 141.0
119 66.6 32.3 96.8





#67
Ethyl Benzene
Concen: 51.709 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

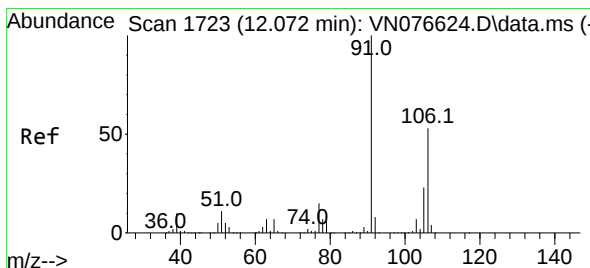
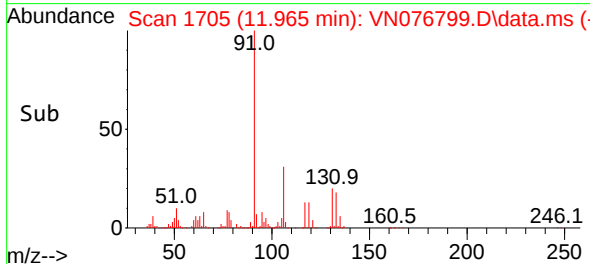
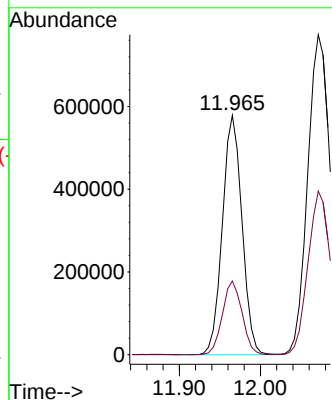
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 971234
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

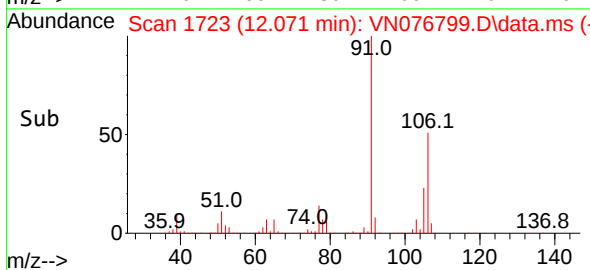
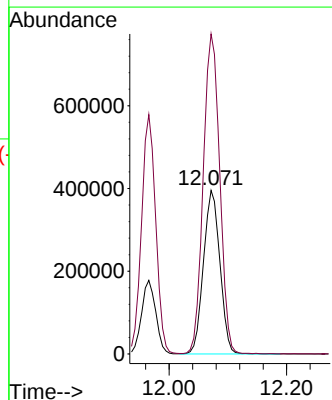
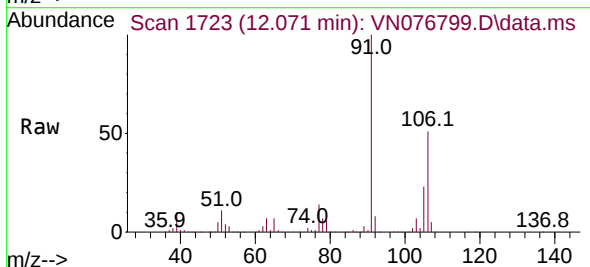
Manual Integrations
APPROVED

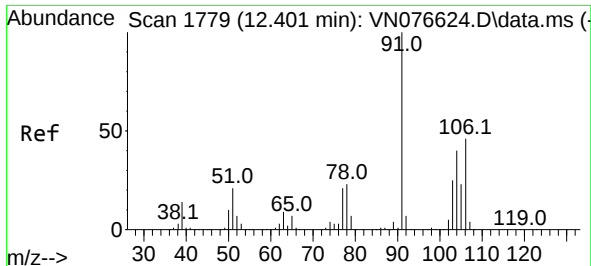
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#68
m/p-Xylenes
Concen: 105.747 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion:106 Resp: 765590
Ion Ratio Lower Upper
106 100
91 196.3 154.7 232.1





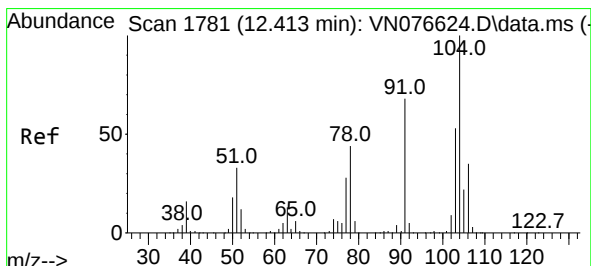
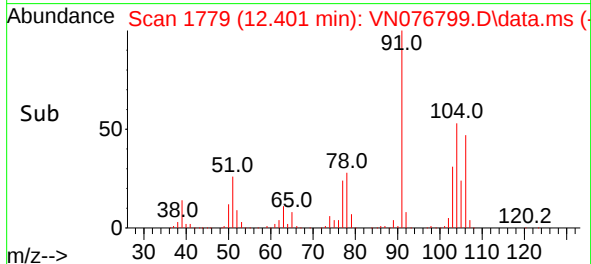
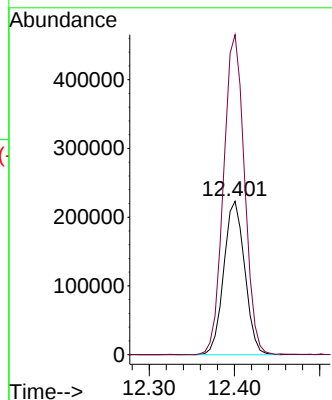
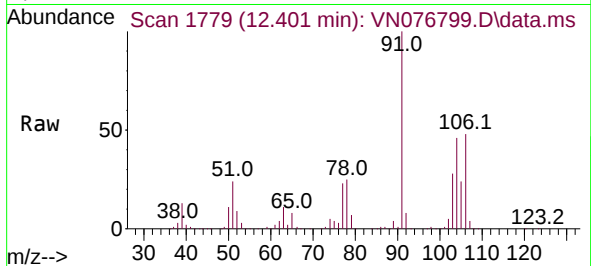
#69
o-Xylene
Concen: 53.940 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 380868
Ion Ratio Lower Upper
106 100
91 209.2 105.8 317.4

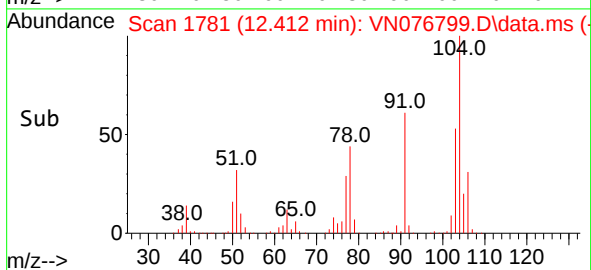
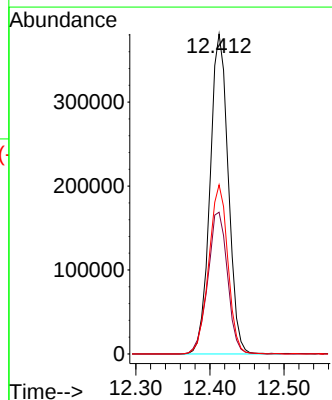
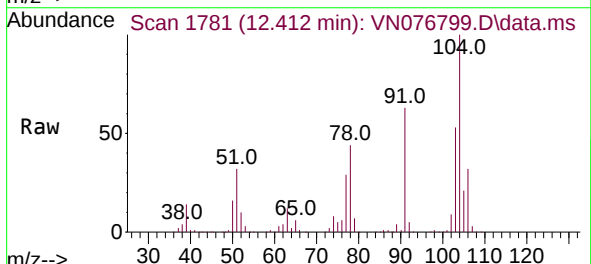
Manual Integrations
APPROVED

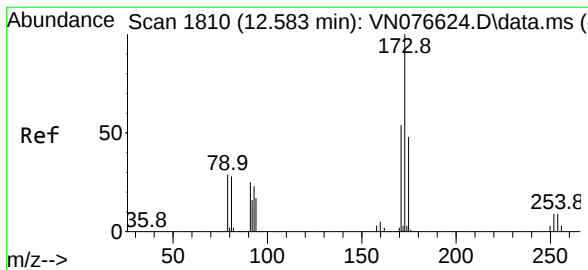
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#70
Styrene
Concen: 57.140 ug/l
RT: 12.412 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

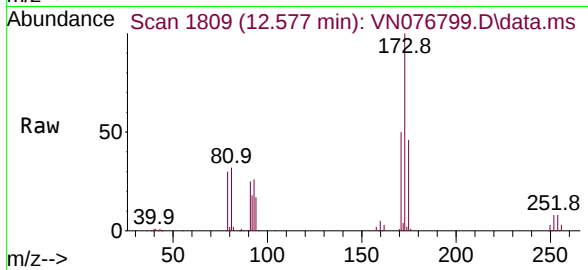
Tgt Ion:104 Resp: 652425
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 55.2 44.2 66.4





#71
Bromoform
Concen: 56.394 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

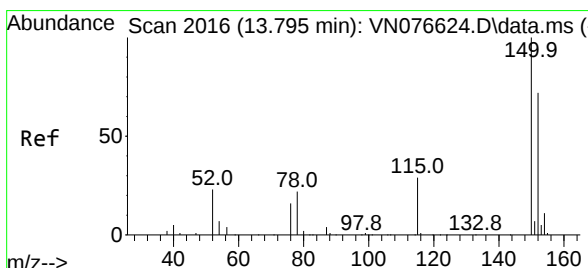
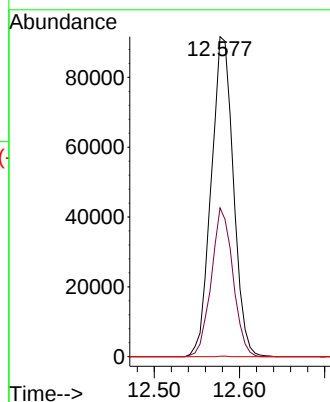
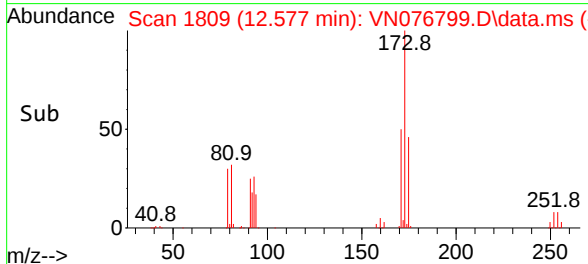
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 16565
Ion Ratio Lower Upper
173 100
175 45.2 24.9 74.7
254 0.1 0.1 0.1

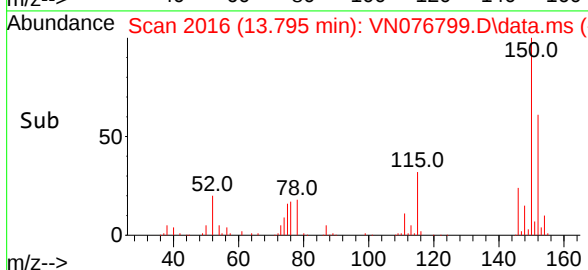
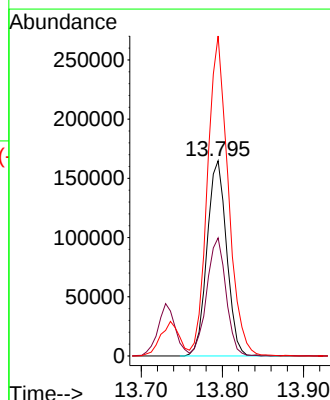
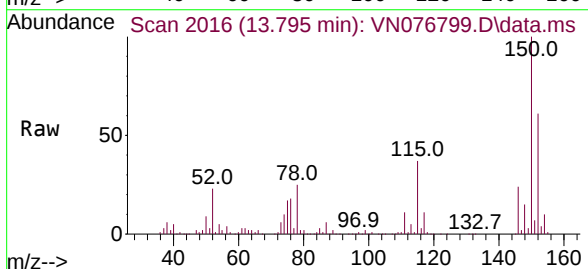
Manual Integrations
APPROVED

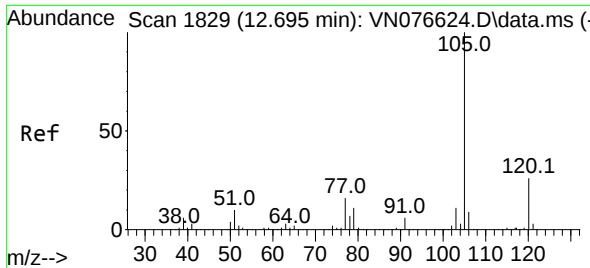
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

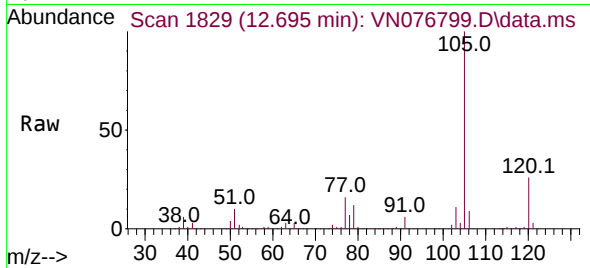
Tgt Ion:152 Resp: 275448
Ion Ratio Lower Upper
152 100
115 59.5 29.3 87.9
150 173.4 0.0 349.8





#73
Isopropylbenzene
Concen: 47.910 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

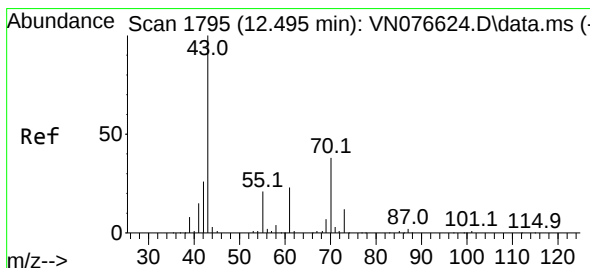
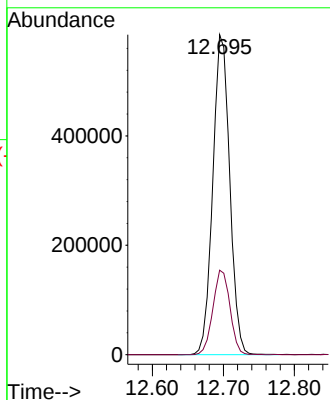
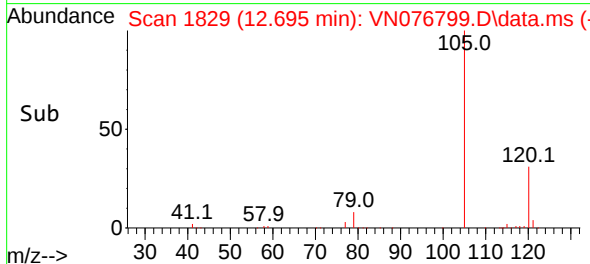
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



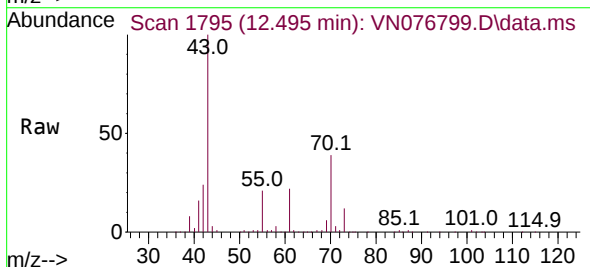
Tgt Ion:105 Resp: 967260
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0

Manual Integrations
APPROVED

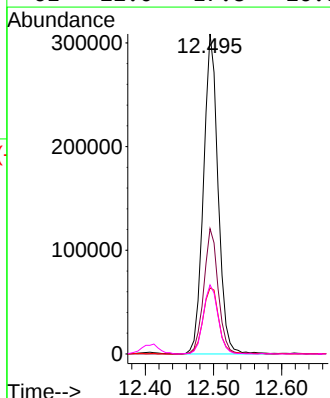
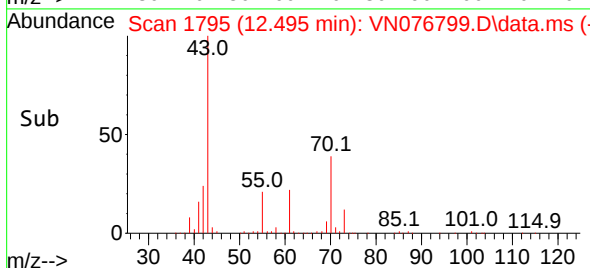
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

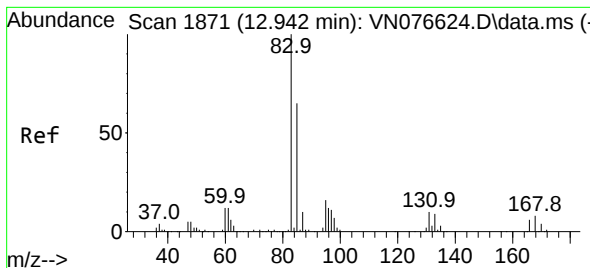


#74
N-ethyl acetate
Concen: 50.493 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



Tgt Ion: 43 Resp: 459492
Ion Ratio Lower Upper
43 100
70 38.6 30.5 45.7
55 22.3 17.8 26.8
61 22.0 17.8 26.8





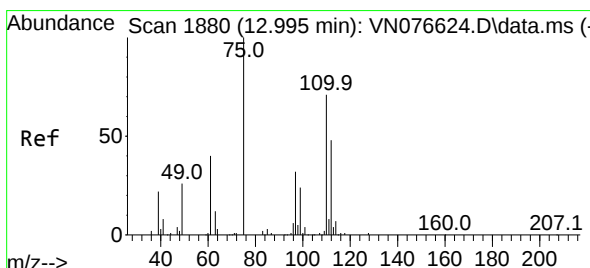
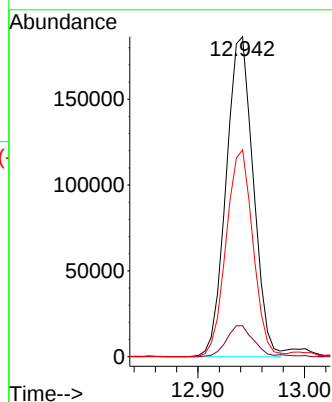
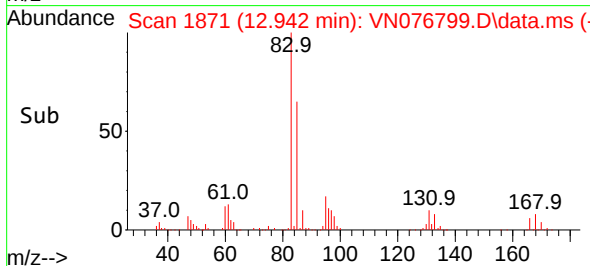
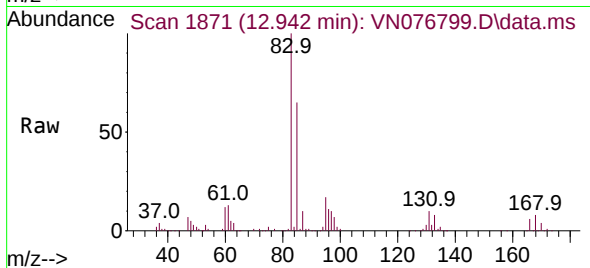
#75
1,1,2,2-Tetrachloroethane
Concen: 45.174 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 33013
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.1 31.8 95.3

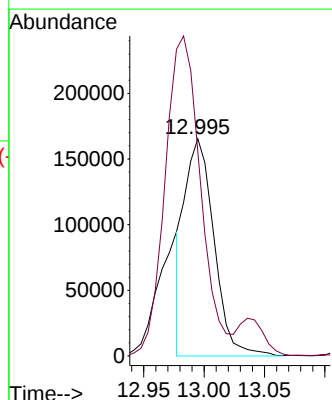
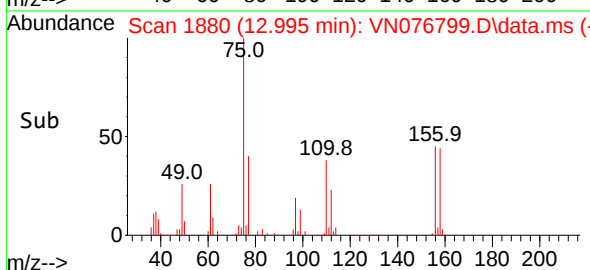
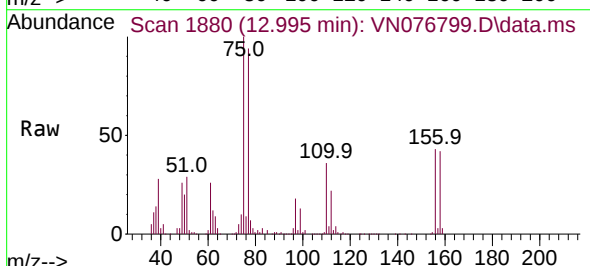
Manual Integrations
APPROVED

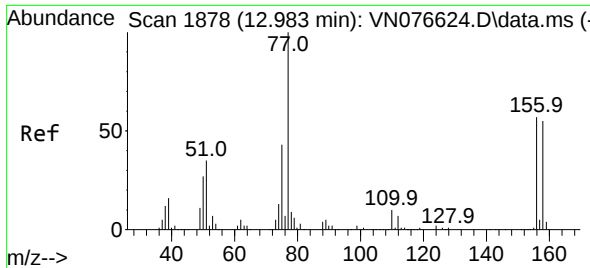
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#76
1,2,3-Trichloropropane
Concen: 50.320 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

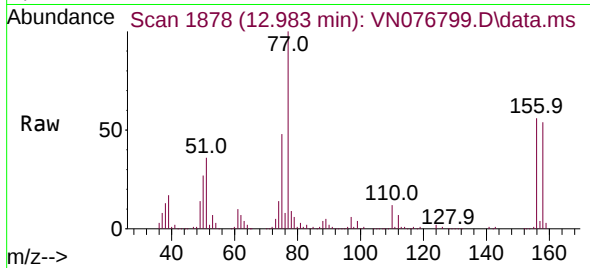
Tgt Ion: 75 Resp: 280223
Ion Ratio Lower Upper
75 100
77 178.3 93.1 279.3





#77
Bromobenzene
Concen: 46.776 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

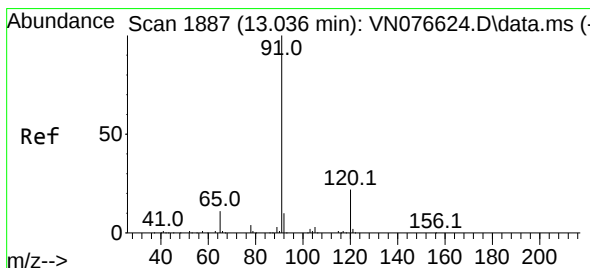
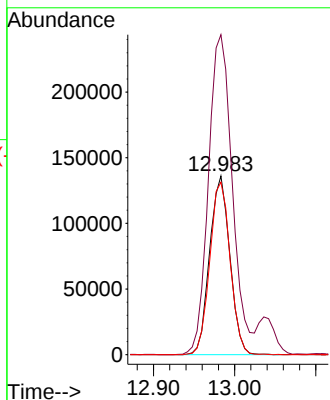
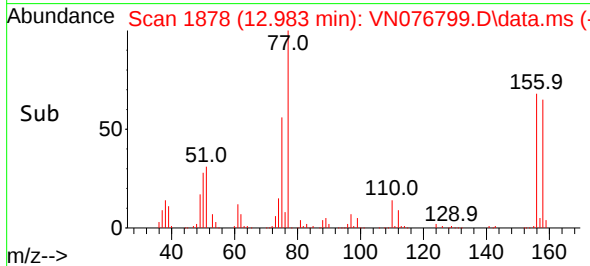
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



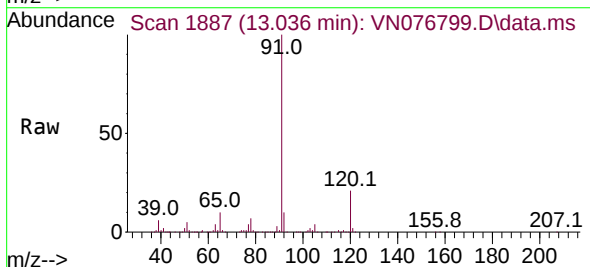
Tgt Ion:156 Resp: 235620
Ion Ratio Lower Upper
156 100
77 212.0 102.8 308.4
158 97.2 48.9 146.6

Manual Integrations
APPROVED

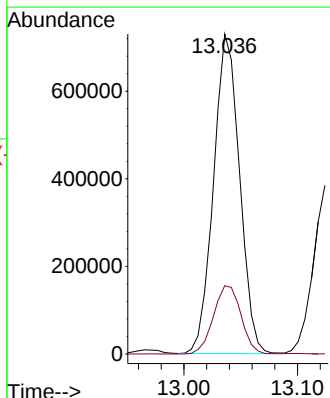
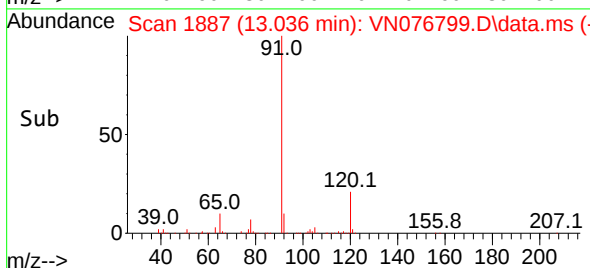
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

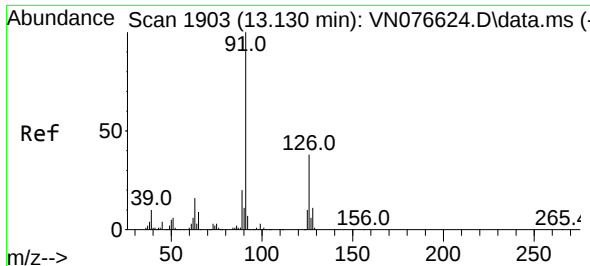


#78
n-propylbenzene
Concen: 49.017 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



Tgt Ion: 91 Resp: 1162075
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5





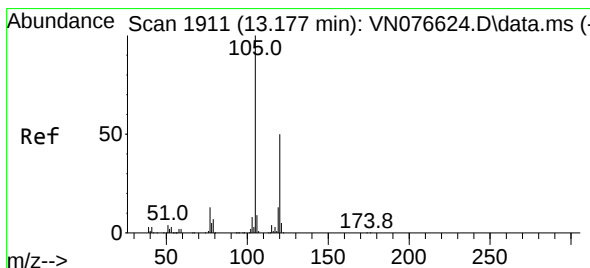
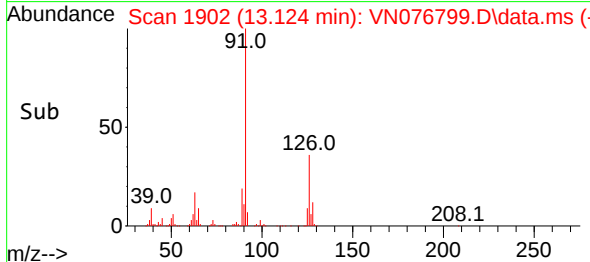
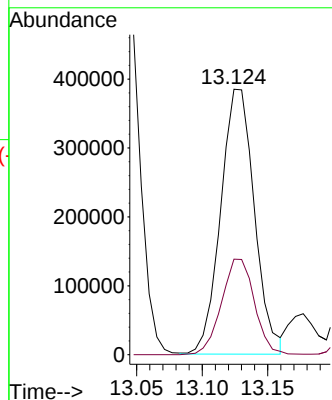
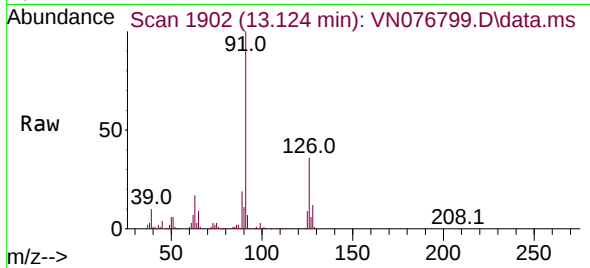
#79
2-Chlorotoluene
Concen: 47.435 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 688560
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1

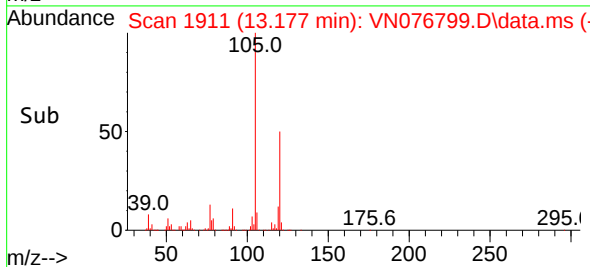
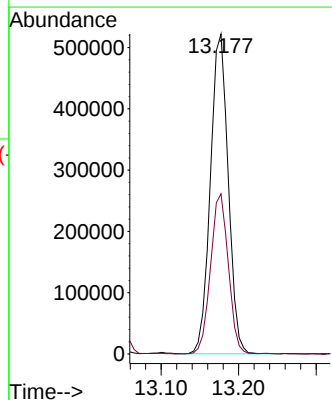
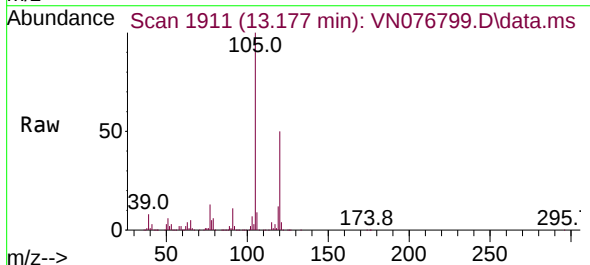
Manual Integrations
APPROVED

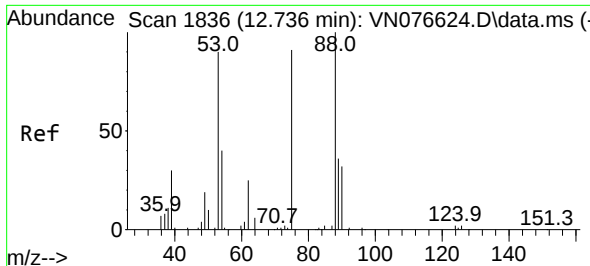
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.945 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

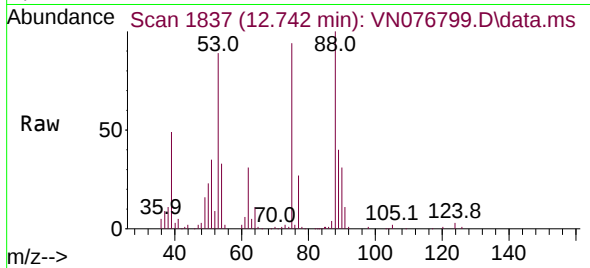
Tgt Ion:105 Resp: 833344
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 53.261 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

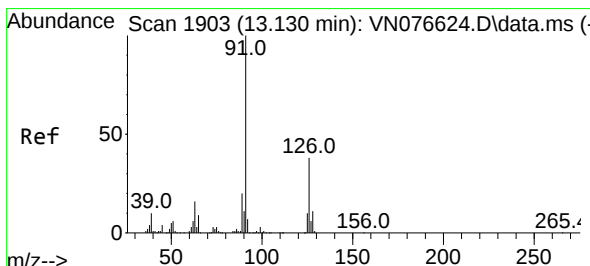
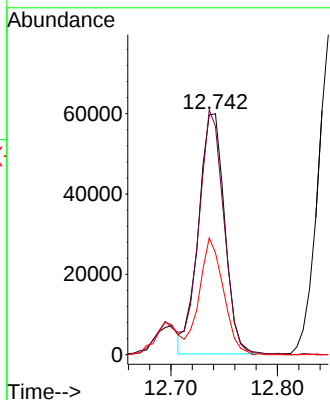
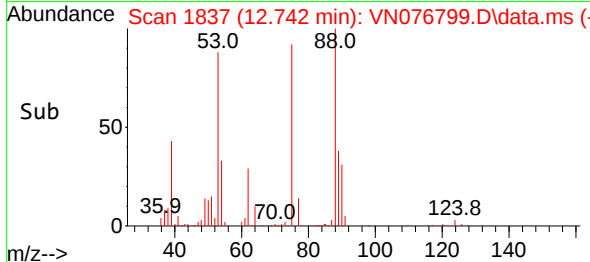
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 101834
Ion Ratio Lower Upper
75 100
53 98.2 92.1 138.1
89 44.5 37.5 56.3

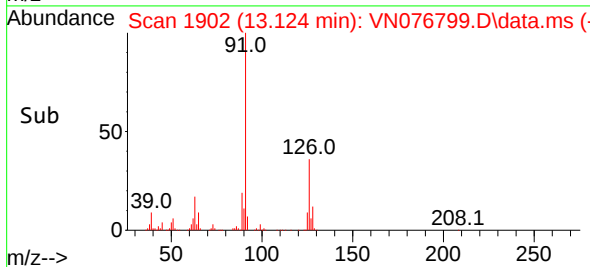
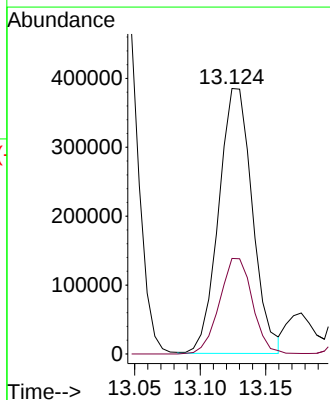
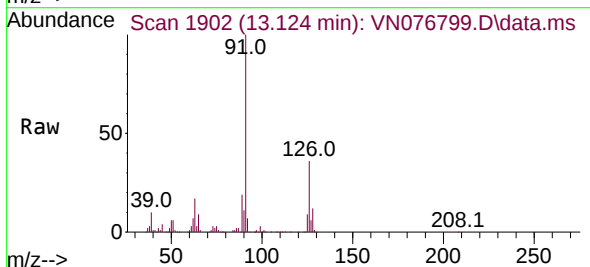
Manual Integrations
APPROVED

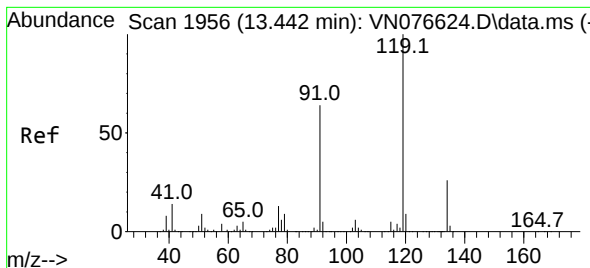
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#82
4-Chlorotoluene
Concen: 47.435 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion: 91 Resp: 688560
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1





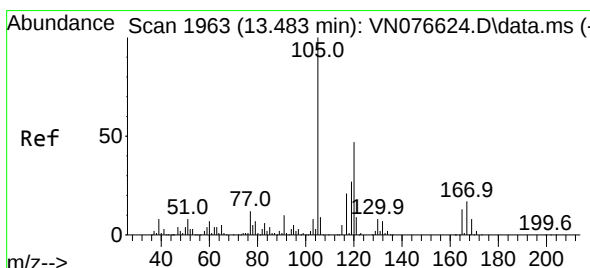
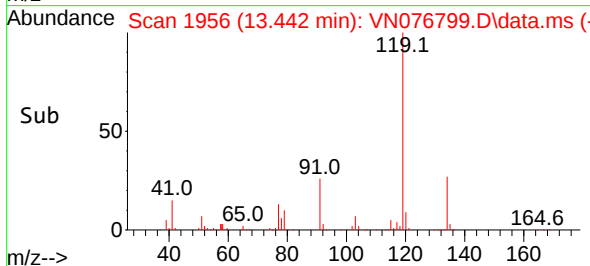
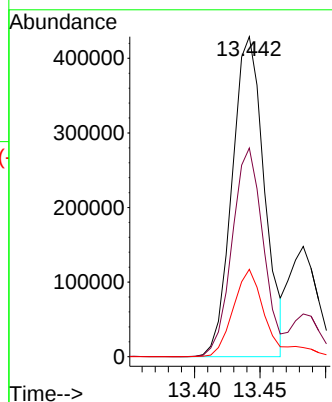
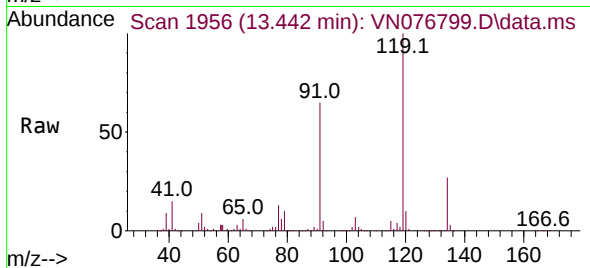
#83
tert-Butylbenzene
Concen: 48.645 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 73425
Ion Ratio Lower Upper
119 100
91 64.4 32.0 96.2
134 28.1 13.8 41.4

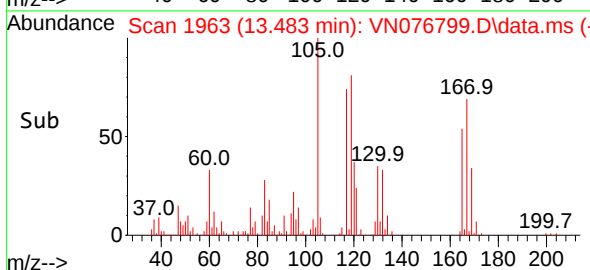
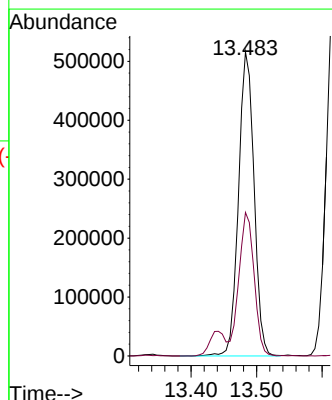
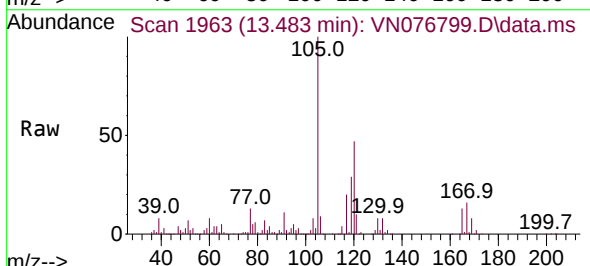
Manual Integrations
APPROVED

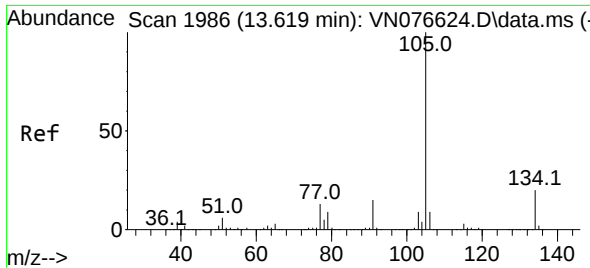
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.229 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion:105 Resp: 851884
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





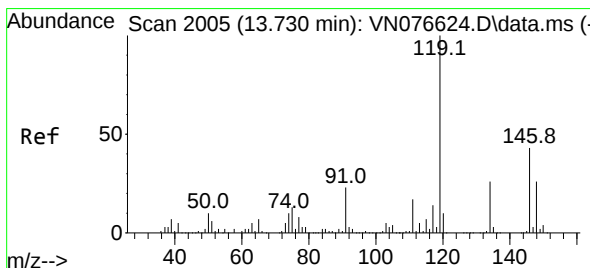
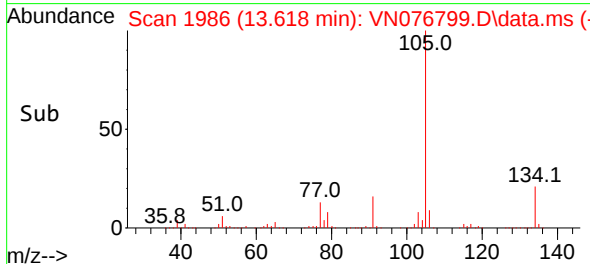
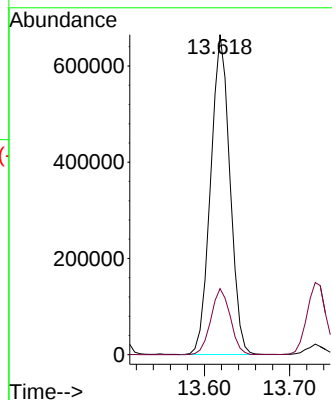
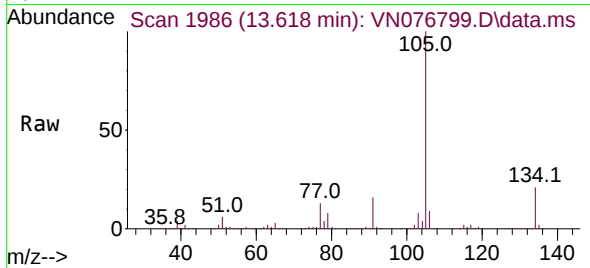
#85
 sec-Butylbenzene
 Concen: 49.593 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076799.D
 Acq: 24 Feb 2023 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 104510
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5

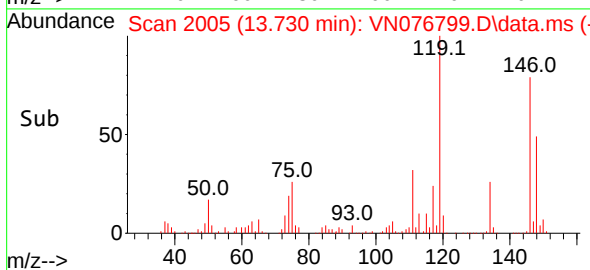
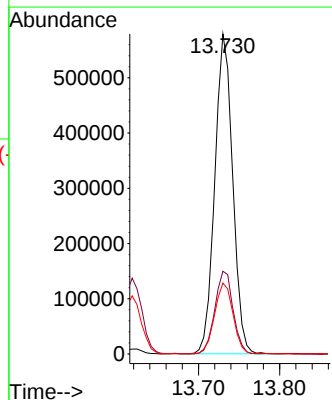
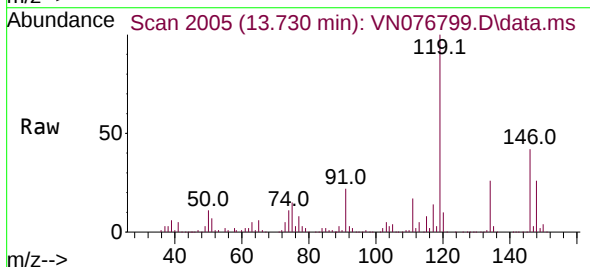
Manual Integrations
 APPROVED

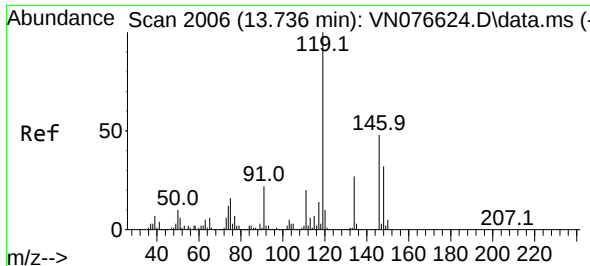
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#86
 p-Isopropyltoluene
 Concen: 52.678 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076799.D
 Acq: 24 Feb 2023 10:43

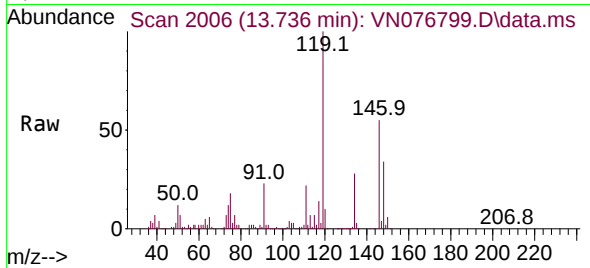
Tgt Ion:119 Resp: 886469
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 22.9 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 48.610 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

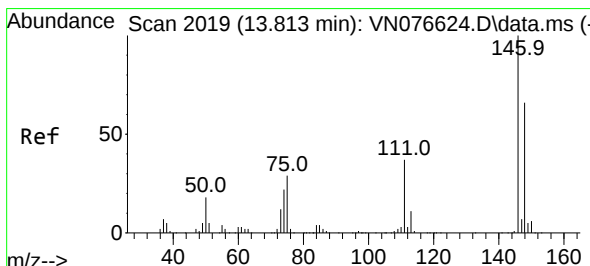
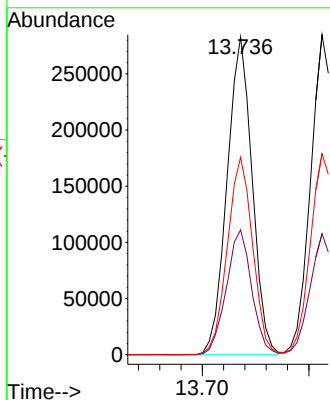
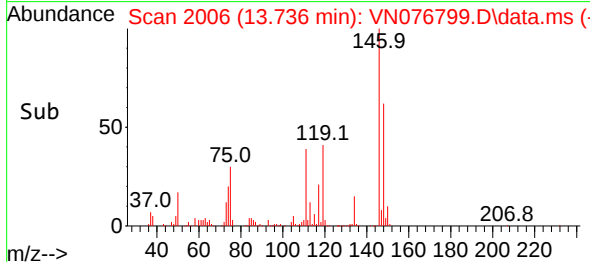
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



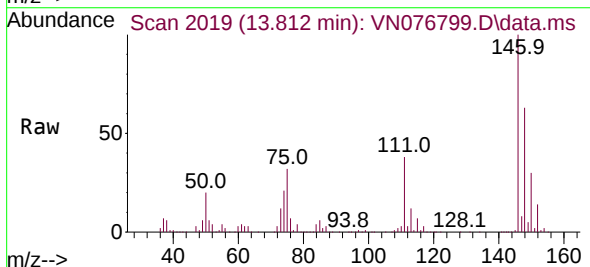
Tgt Ion:146 Resp: 462852
Ion Ratio Lower Upper
146 100
111 39.6 19.8 59.4
148 62.8 32.0 96.2

Manual Integrations
APPROVED

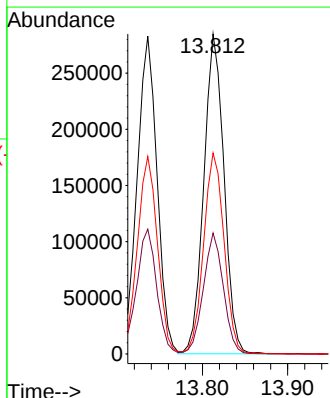
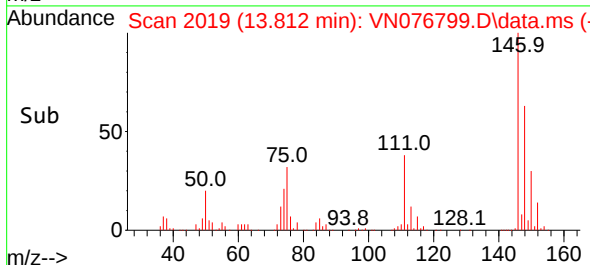
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

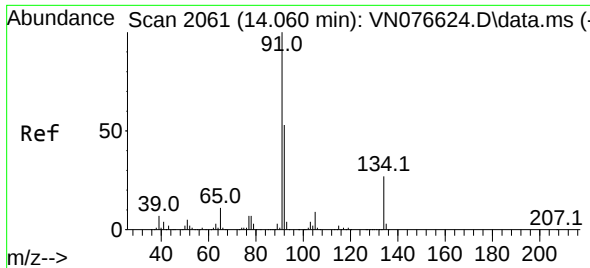


#88
1,4-Dichlorobenzene
Concen: 49.306 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



Tgt Ion:146 Resp: 467518
Ion Ratio Lower Upper
146 100
111 37.5 19.4 58.1
148 63.8 32.7 98.1





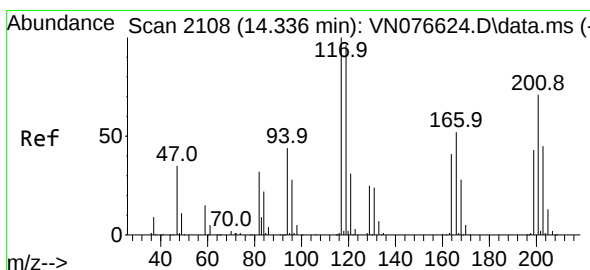
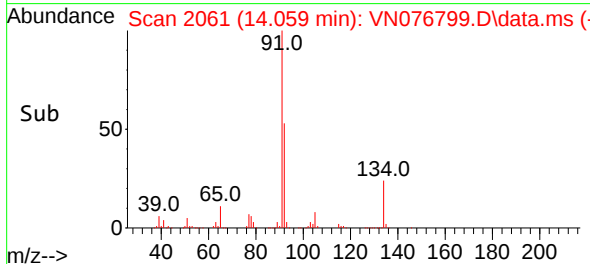
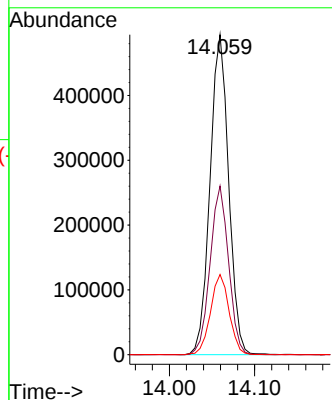
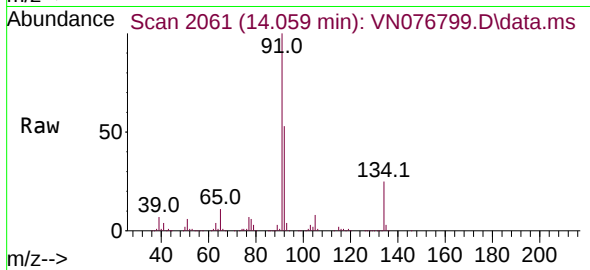
#89
n-Butylbenzene
Concen: 51.347 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 75151
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 25.1 13.2 39.5

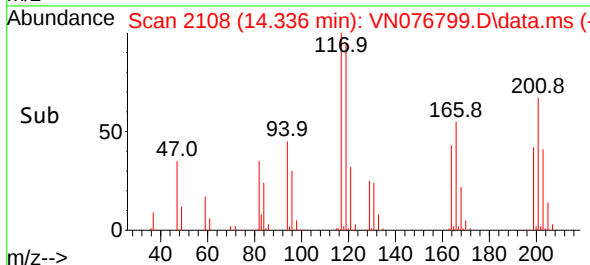
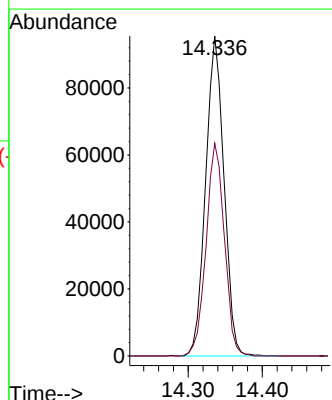
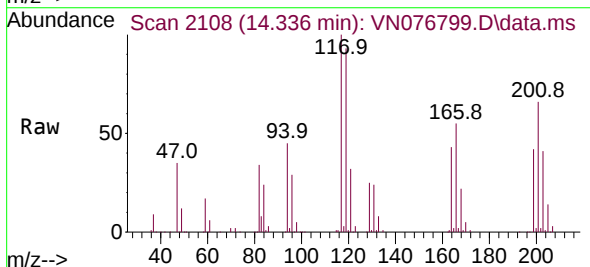
Manual Integrations
APPROVED

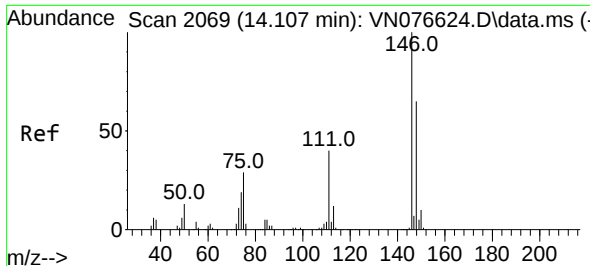
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#90
Hexachloroethane
Concen: 46.532 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Tgt Ion:117 Resp: 163954
Ion Ratio Lower Upper
117 100
201 66.4 35.5 106.7





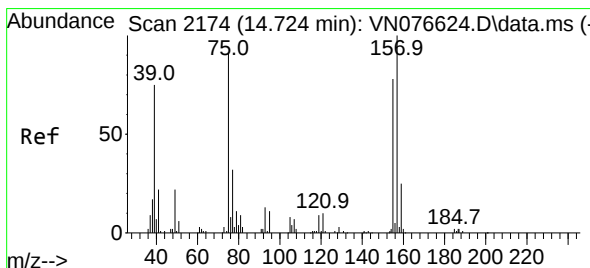
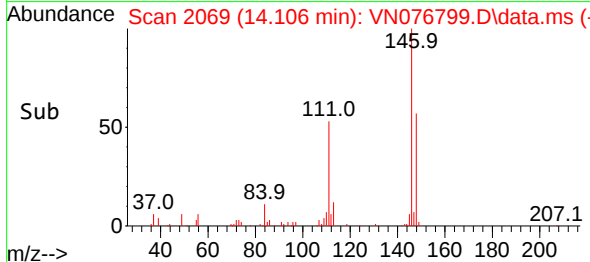
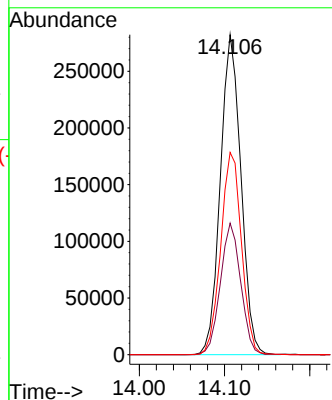
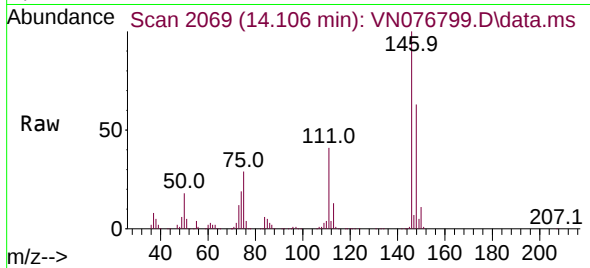
#91
1,2-Dichlorobenzene
Concen: 48.505 ug/l
RT: 14.106 min Scan# 2069
Delta R.T. -0.001 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 473492
Ion Ratio Lower Upper
146 100
111 40.6 20.0 59.9
148 63.7 32.4 97.2

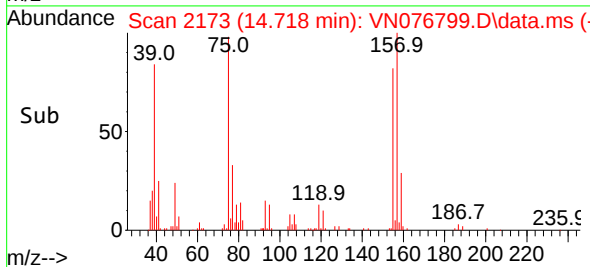
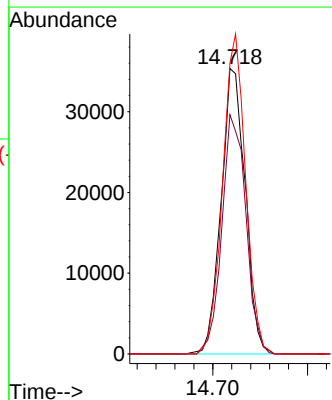
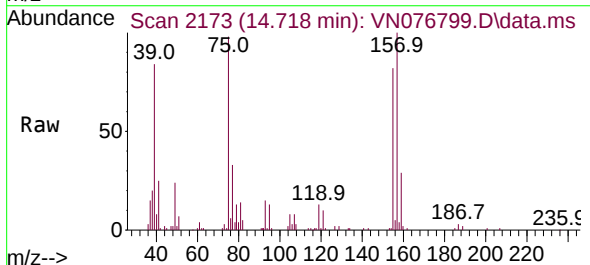
Manual Integrations
APPROVED

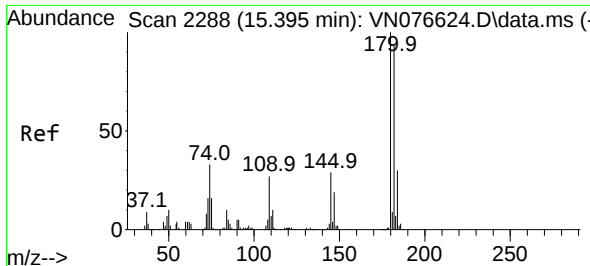
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.098 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

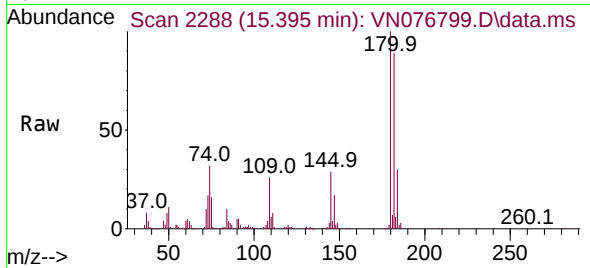
Tgt Ion: 75 Resp: 62436
Ion Ratio Lower Upper
75 100
155 83.6 43.4 130.2
157 106.5 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 51.524 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

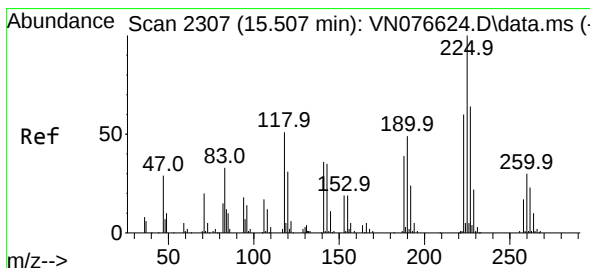
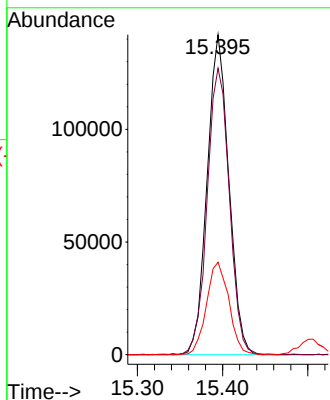
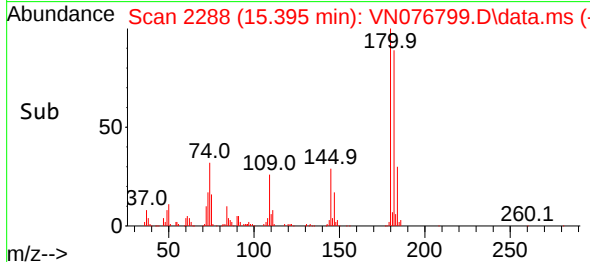
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



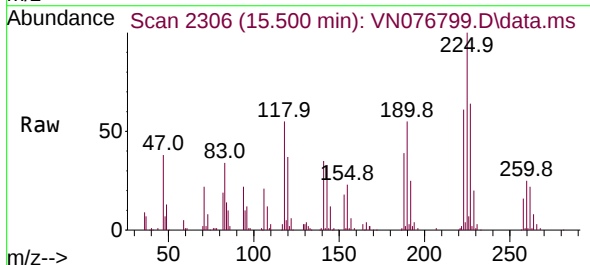
Tgt Ion:180 Resp: 25088
Ion Ratio Lower Upper
180 100
182 91.6 48.0 144.0
145 29.9 15.2 45.6

Manual Integrations
APPROVED

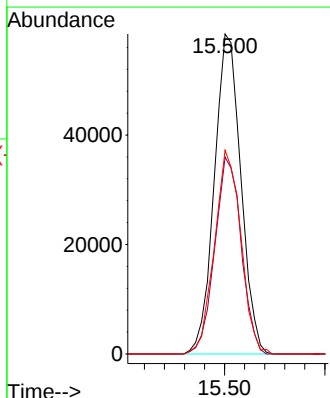
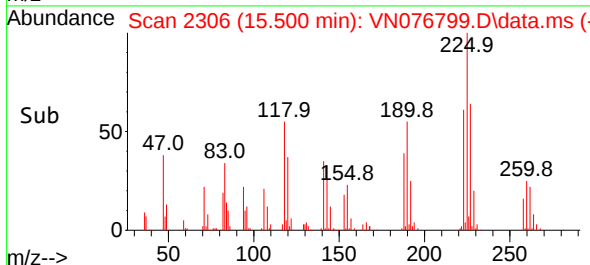
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

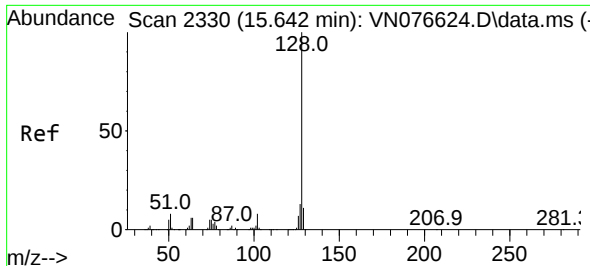


#94
Hexachlorobutadiene
Concen: 44.978 ug/l
RT: 15.500 min Scan# 2306
Delta R.T. -0.007 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



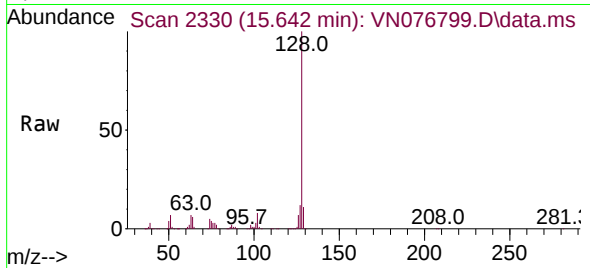
Tgt Ion:225 Resp: 107340
Ion Ratio Lower Upper
225 100
223 61.2 31.6 95.0
227 63.3 31.3 93.9





#95
Naphthalene
Concen: 54.548 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43

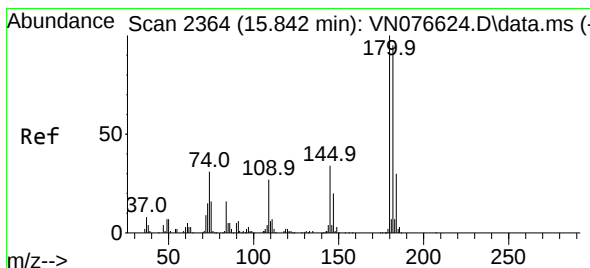
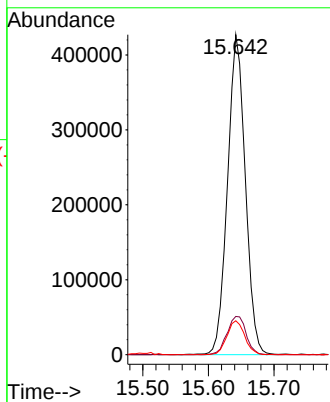
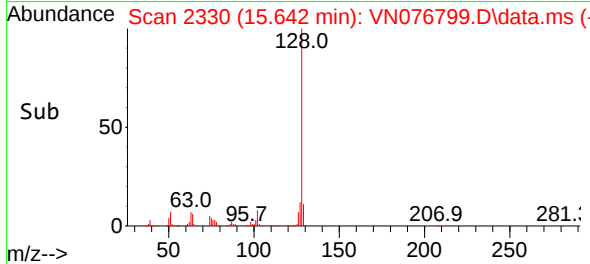
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



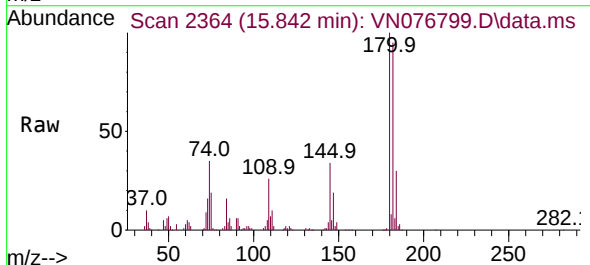
Tgt Ion:128 Resp: 806009
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.694 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076799.D
Acq: 24 Feb 2023 10:43



Tgt Ion:180 Resp: 243868
Ion Ratio Lower Upper
180 100
182 92.6 46.7 140.1
145 33.1 16.0 47.9

