

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082062.D
 Acq On : 09 May 2024 19:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2024
 Supervised By : Mahesh Dadoda 05/10/2024

Quant Time: May 10 03:56:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	132423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	280264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123233	55.139	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.280%			
35) Dibromofluoromethane	8.165	113	87256	51.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.420%			
50) Toluene-d8	10.565	98	366361	55.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.560%			
62) 4-Bromofluorobenzene	12.847	95	127933	48.833	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	89061	47.911	ug/l	100
3) Chloromethane	2.360	50	104204	53.734	ug/l	99
4) Vinyl Chloride	2.512	62	102168	58.201	ug/l	98
5) Bromomethane	2.954	94	45258	61.810	ug/l	94
6) Chloroethane	3.118	64	61734	69.581	ug/l	97
7) Trichlorofluoromethane	3.495	101	134701	49.605	ug/l	99
8) Diethyl Ether	3.959	74	65284	56.595	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	87074	55.231	ug/l	# 68
10) Methyl Iodide	4.589	142	83422	60.414	ug/l	95
11) Tert butyl alcohol	5.512	59	104134	256.302	ug/l	99
12) 1,1-Dichloroethene	4.342	96	85476	53.293	ug/l	91
13) Acrolein	4.183	56	76269	240.349	ug/l	97
14) Allyl chloride	5.024	41	161886	47.717	ug/l	# 87
15) Acrylonitrile	5.718	53	290039	297.290	ug/l	98
16) Acetone	4.424	43	194942	295.971	ug/l	96
17) Carbon Disulfide	4.718	76	223748	46.414	ug/l	96
18) Methyl Acetate	5.024	43	144081	63.647	ug/l	91
19) Methyl tert-butyl Ether	5.795	73	326424	53.936	ug/l	# 90
20) Methylene Chloride	5.277	84	105901	55.291	ug/l	# 82
21) trans-1,2-Dichloroethene	5.783	96	91212	52.159	ug/l	87
22) Diisopropyl ether	6.677	45	393530	59.945	ug/l	# 90
23) Vinyl Acetate	6.606	43	1529052	286.657	ug/l	# 91
24) 1,1-Dichloroethane	6.571	63	200129	58.570	ug/l	96
25) 2-Butanone	7.483	43	369378	291.193	ug/l	# 86
26) 2,2-Dichloropropane	7.494	77	149348	47.514	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	116164	56.846	ug/l	88
28) Bromochloromethane	7.812	49	96696	59.542	ug/l	# 71
29) Tetrahydrofuran	7.836	42	255518	280.895	ug/l	88
30) Chloroform	7.965	83	185290	54.707	ug/l	98
31) Cyclohexane	8.259	56	173276	51.466	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	149357	49.449	ug/l	# 93
36) 1,1-Dichloropropene	8.371	75	131419	47.872	ug/l	96
37) Ethyl Acetate	7.559	43	155041	52.234	ug/l	99
38) Carbon Tetrachloride	8.365	117	115906	43.199	ug/l	99
39) Methylcyclohexane	9.600	83	154211	46.254	ug/l	# 87
40) Benzene	8.606	78	436499	52.967	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	94930	50.123	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	144312	47.158	ug/l	97
43) Isopropyl Acetate	8.688	43	337022	60.387	ug/l #	87
44) Trichloroethene	9.353	130	84244	44.338	ug/l	82
45) 1,2-Dichloropropane	9.624	63	117293	54.384	ug/l	98
46) Dibromomethane	9.712	93	69933	46.913	ug/l #	89
47) Bromodichloromethane	9.888	83	152744	48.586	ug/l #	95
48) Methyl methacrylate	9.683	41	131470	49.345	ug/l #	87
49) 1,4-Dioxane	9.694	88	40831	1008.300	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	835594	265.960	ug/l	93
52) Toluene	10.630	92	257093	52.094	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	162193	47.414	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	178770	50.706	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	97622	50.297	ug/l	98
56) Ethyl methacrylate	10.877	69	185257	50.125	ug/l	88
57) 1,3-Dichloropropane	11.165	76	182316	52.834	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	481675	286.086	ug/l #	88
59) 2-Hexanone	11.194	43	621089	265.634	ug/l	94
60) Dibromochloromethane	11.359	129	99994	48.641	ug/l	100
61) 1,2-Dibromoethane	11.471	107	94024	50.656	ug/l	98
64) Tetrachloroethene	11.100	164	68094	37.816	ug/l	95
65) Chlorobenzene	11.894	112	271335	50.116	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	83423	47.411	ug/l	97
67) Ethyl Benzene	11.965	91	498728	49.532	ug/l	97
68) m/p-Xylenes	12.071	106	364135	101.387	ug/l	95
69) o-Xylene	12.400	106	176338	50.290	ug/l	93
70) Styrene	12.412	104	304772	50.245	ug/l	96
71) Bromoform	12.582	173	57023	41.221	ug/l #	98
73) Isopropylbenzene	12.700	105	457688	48.736	ug/l	97
74) N-amyl acetate	12.494	43	266840	51.035	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	147539	52.316	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	129517m	47.292	ug/l	
77) Bromobenzene	12.976	156	89627	45.607	ug/l	64
78) n-propylbenzene	13.035	91	559761	49.070	ug/l	94
79) 2-Chlorotoluene	13.124	91	328962	45.326	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	371601	46.760	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	58199	43.546	ug/l	83
82) 4-Chlorotoluene	13.224	91	328022	46.553	ug/l	94
83) tert-Butylbenzene	13.441	119	310927	46.982	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	378617	47.708	ug/l	97
85) sec-Butylbenzene	13.618	105	464247	49.801	ug/l	96
86) p-Isopropyltoluene	13.729	119	361419	48.286	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	169429	46.205	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	168130	46.561	ug/l	93
89) n-Butylbenzene	14.059	91	346969	49.801	ug/l	98
90) Hexachloroethane	14.335	117	68386	46.444	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	165011	46.942	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27986	40.761	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	82414	41.907	ug/l	97
94) Hexachlorobutadiene	15.500	225	27735	38.262	ug/l	94
95) Naphthalene	15.641	128	339062	45.627	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	84950	44.991	ug/l	99

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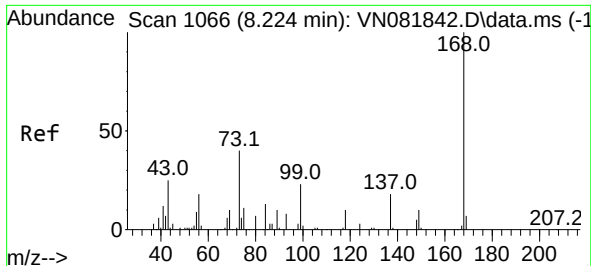
Manual Integrations
APPROVED

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Response via : Initial Calibration

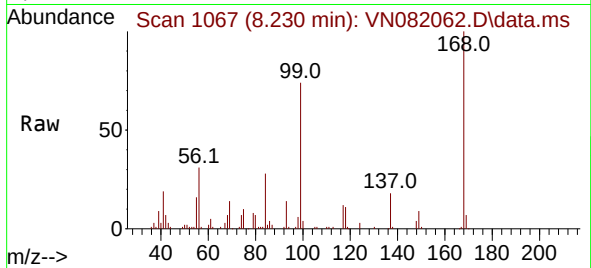
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
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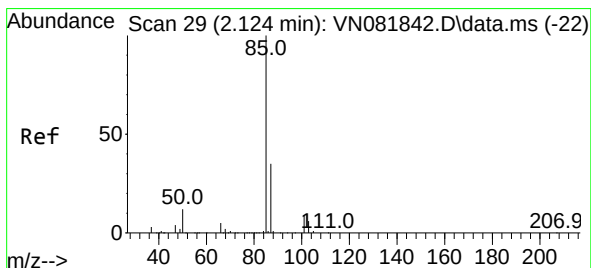
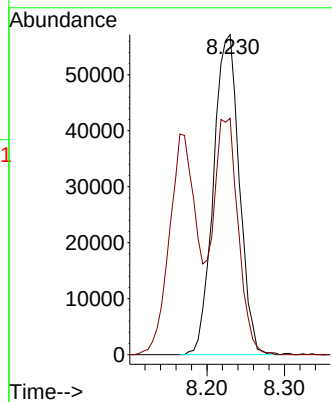
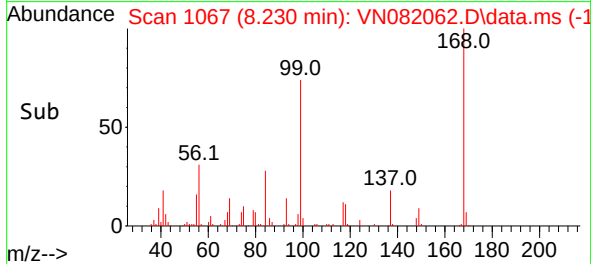
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13242
Ion Ratio Lower Upper
168 100
99 73.8 48.2 72.4

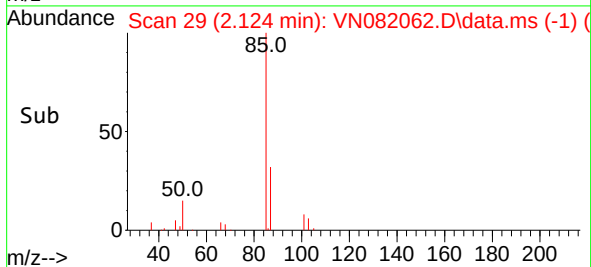
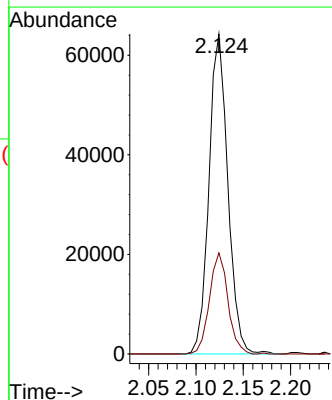
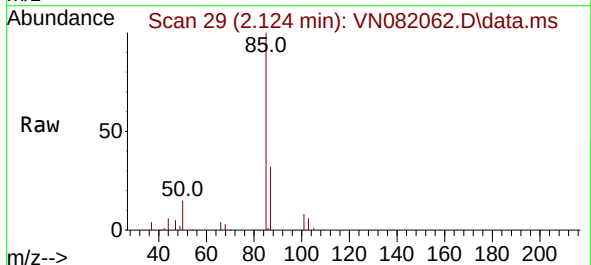
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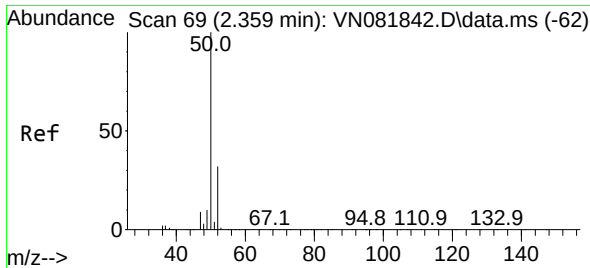
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#2
Dichlorodifluoromethane
Concen: 47.911 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Tgt Ion: 85 Resp: 89061
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





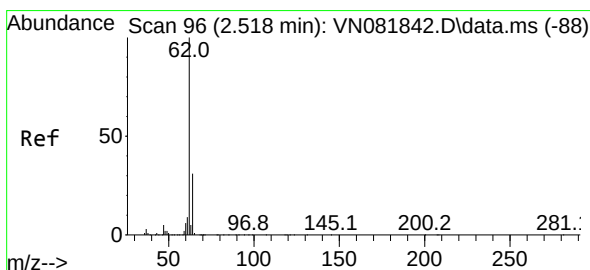
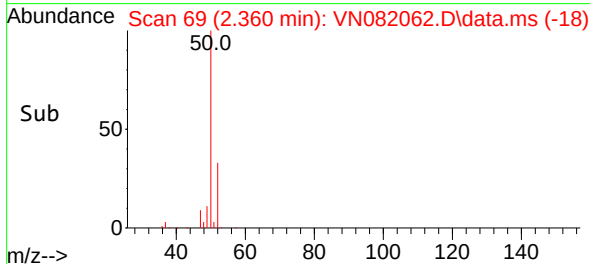
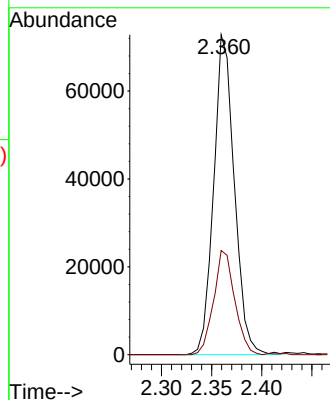
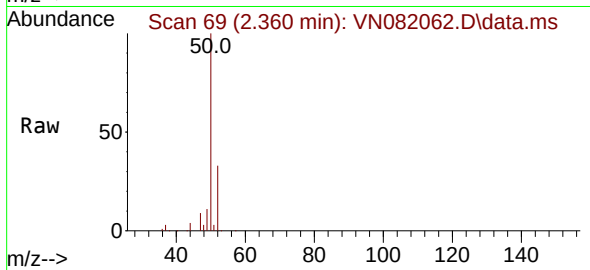
#3
Chloromethane
Concen: 53.734 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082062.D
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Tgt Ion: 50 Resp: 104204
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

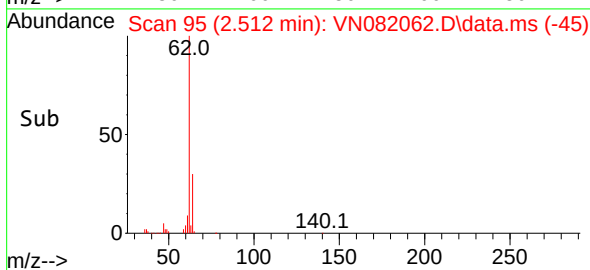
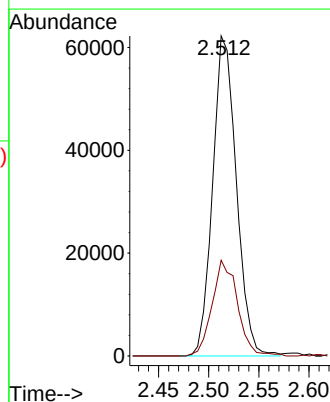
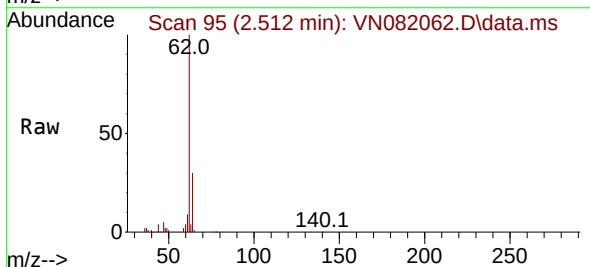
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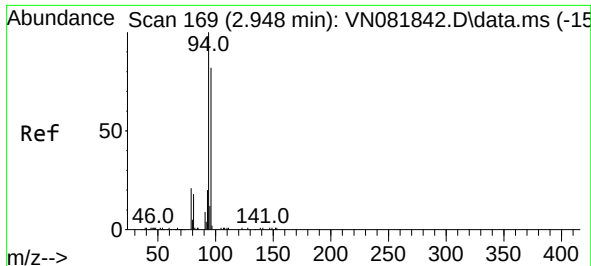
Reviewed By :John Carlone 05/10/2024
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#4
Vinyl Chloride
Concen: 58.201 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082062.D
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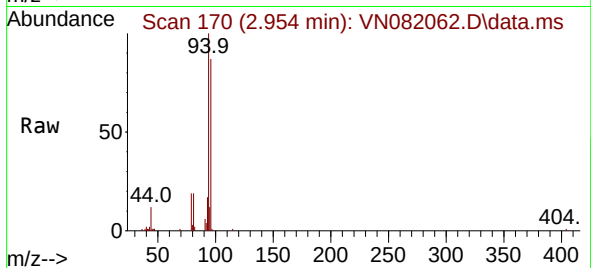
Tgt Ion: 62 Resp: 102168
Ion Ratio Lower Upper
62 100
64 29.9 24.6 37.0





#5
Bromomethane
Concen: 61.810 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

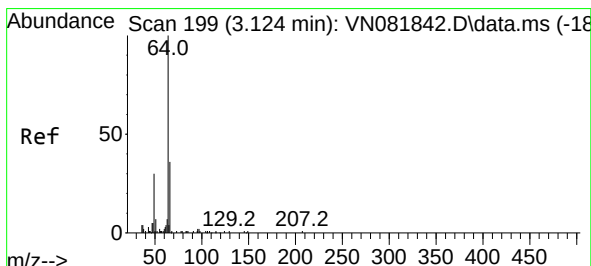
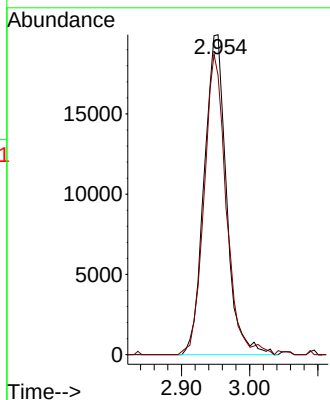
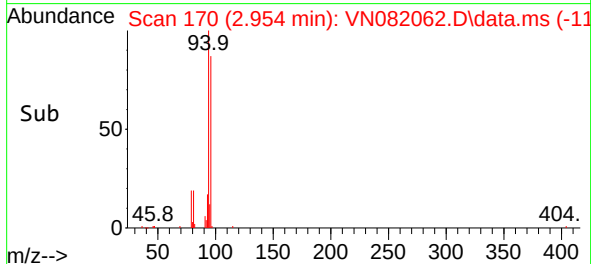
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Tgt Ion: 94 Resp: 45258
Ion Ratio Lower Upper
94 100
96 87.3 74.8 112.2

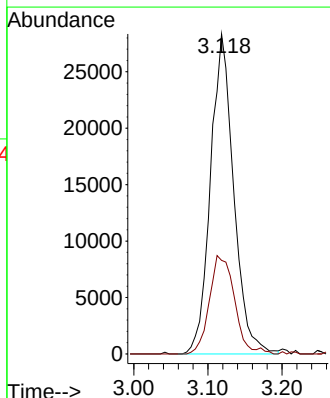
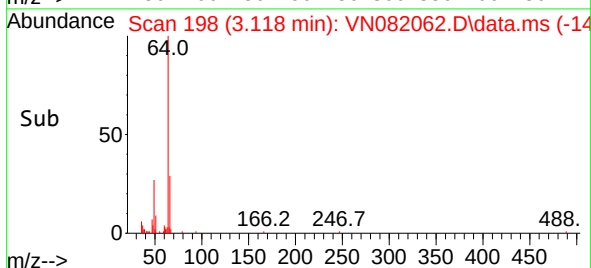
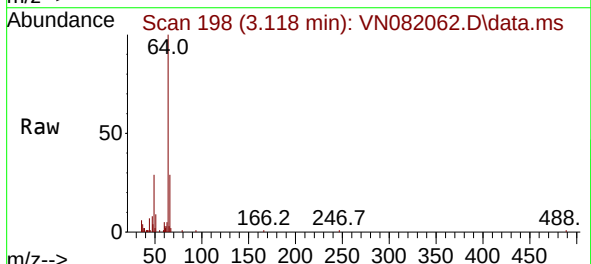
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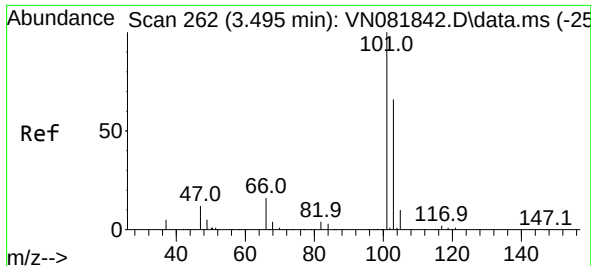
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#6
Chloroethane
Concen: 69.581 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN082062.D
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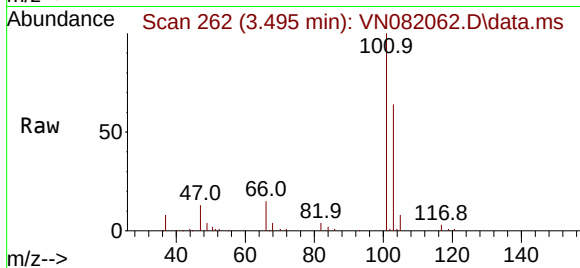
Tgt Ion: 64 Resp: 61734
Ion Ratio Lower Upper
64 100
66 29.3 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 49.605 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082062.D
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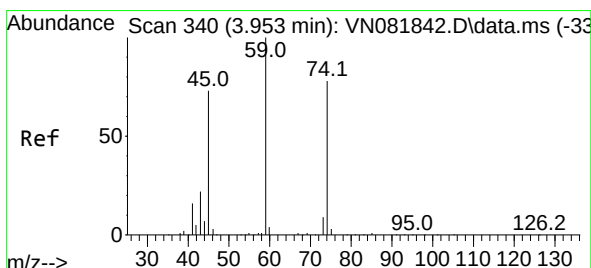
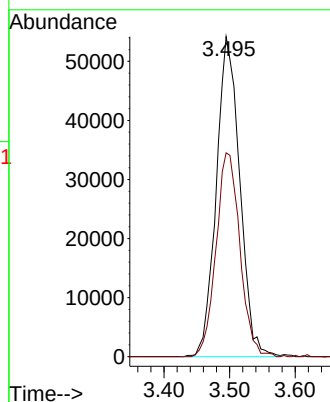
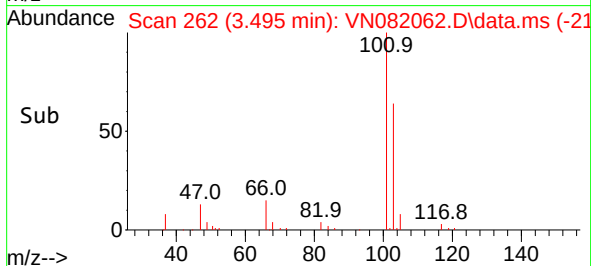
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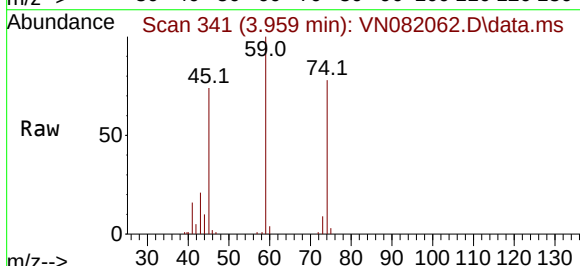
Tgt Ion:101 Resp: 13470
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 75.8

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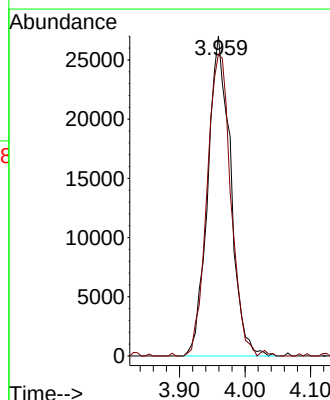
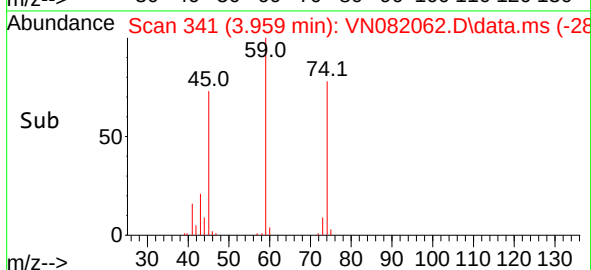
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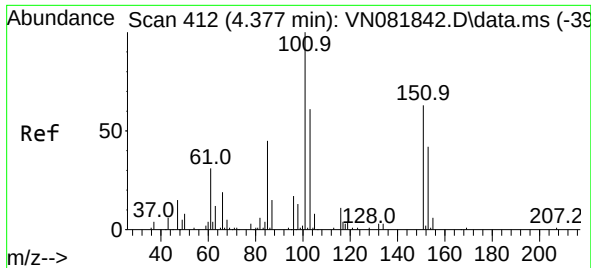


#8
 Diethyl Ether
 Concen: 56.595 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 65284
 Ion Ratio Lower Upper
 74 100
 45 98.4 42.4 127.3





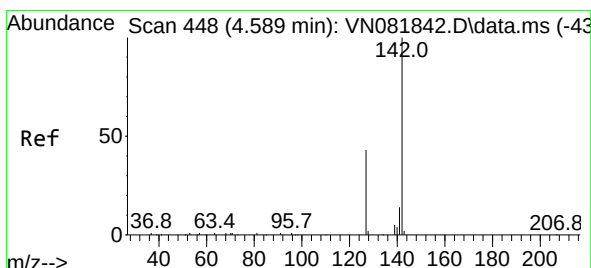
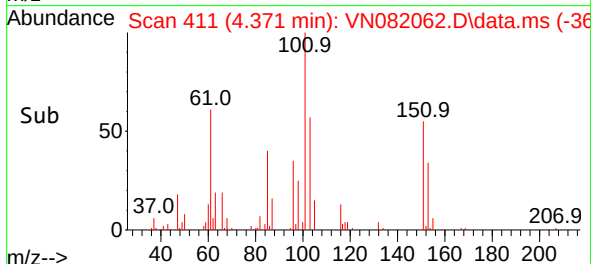
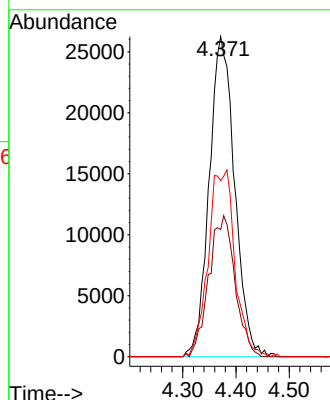
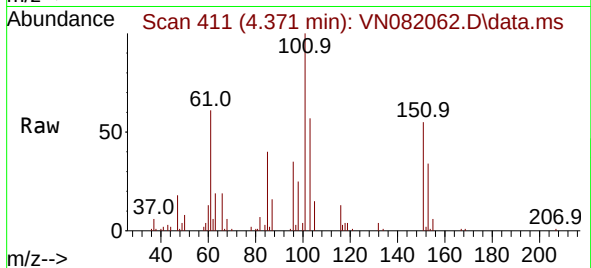
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.231 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 87074
Ion Ratio Lower Upper
101 100
85 45.2 37.3 55.9
151 31.6 59.2 88.8

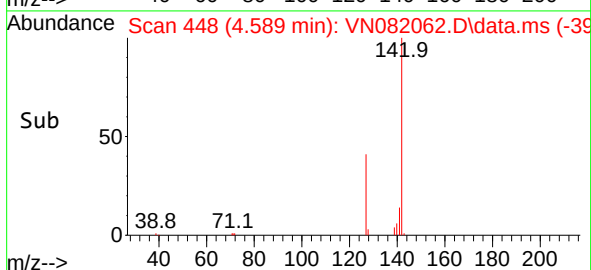
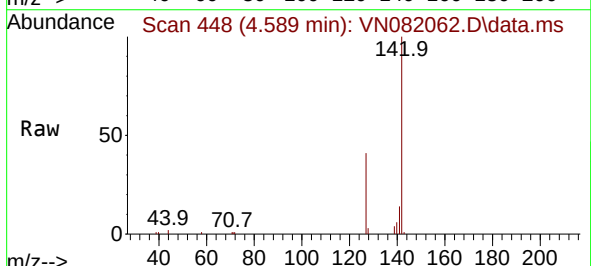
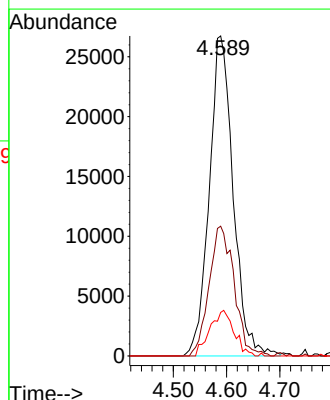
Manual Integrations
APPROVED

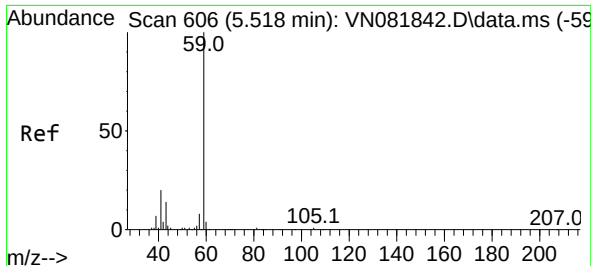
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#10
Methyl Iodide
Concen: 60.414 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

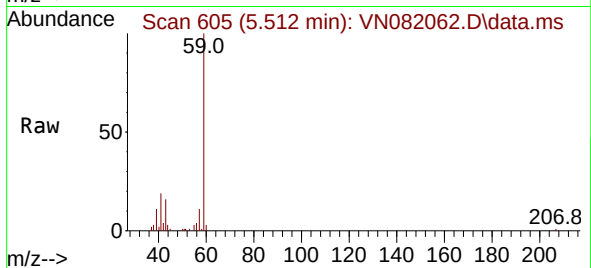
Tgt Ion:142 Resp: 83422
Ion Ratio Lower Upper
142 100
127 40.6 35.8 53.6
141 13.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 256.302 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

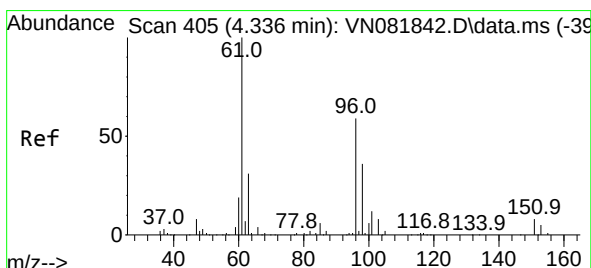
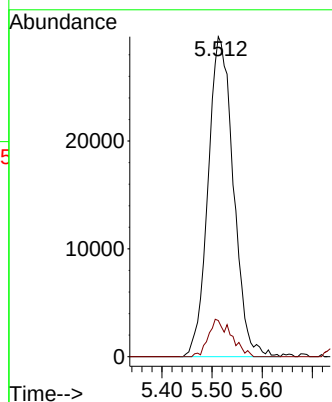
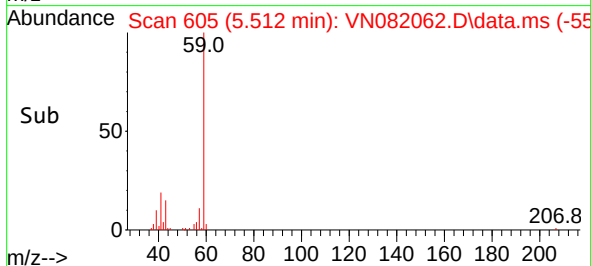
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



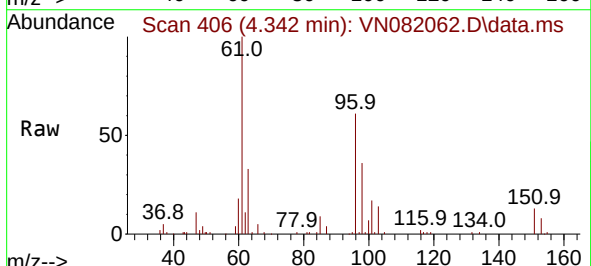
Tgt Ion: 59 Resp: 104134
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

Manual Integrations
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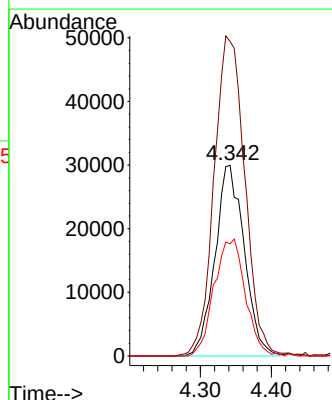
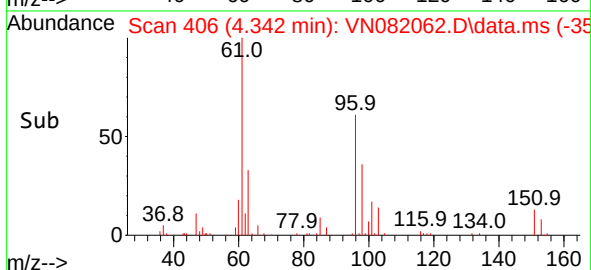
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

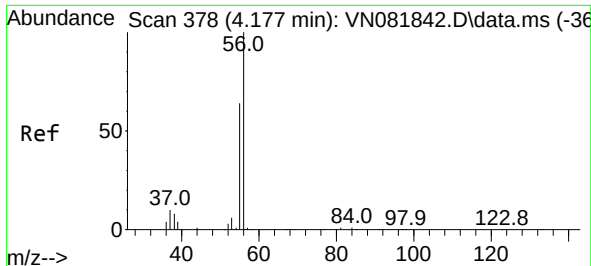


#12
1,1-Dichloroethene
Concen: 53.293 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



Tgt Ion: 96 Resp: 85476
Ion Ratio Lower Upper
96 100
61 164.3 119.7 179.5
98 58.9 49.6 74.4





#13

Acrolein

Concen: 240.349 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 76269

Ion Ratio Lower Upper

56 100

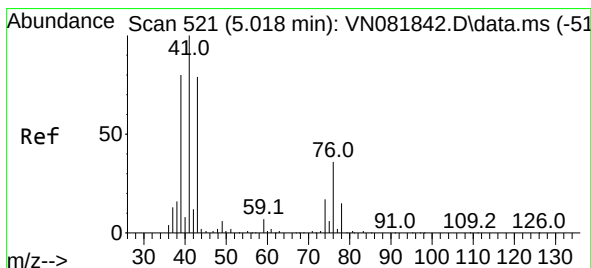
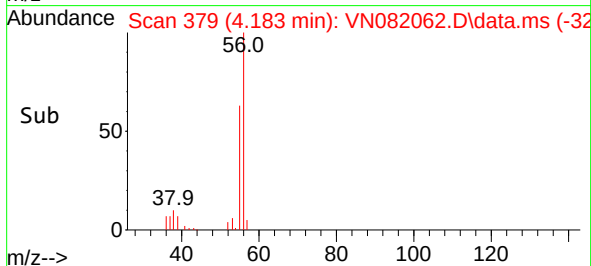
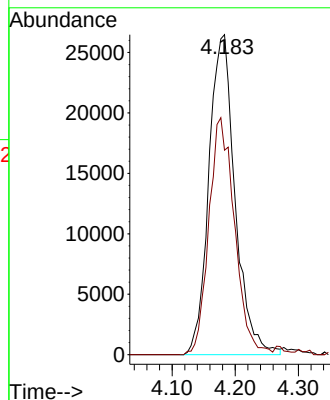
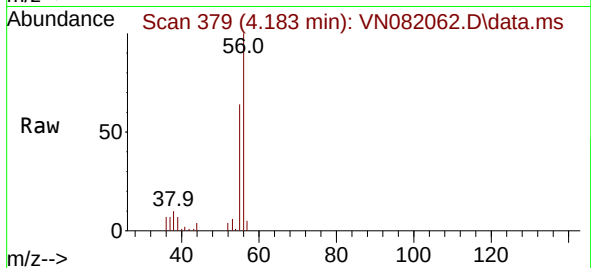
55 72.6 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#14

Allyl chloride

Concen: 47.717 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

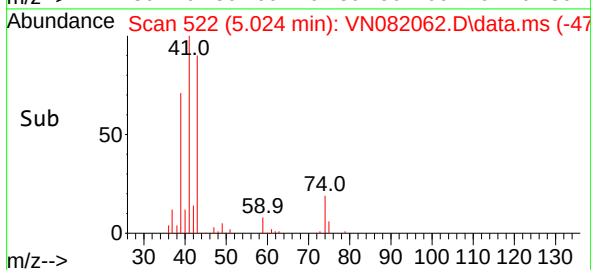
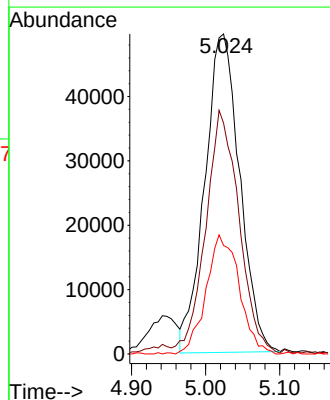
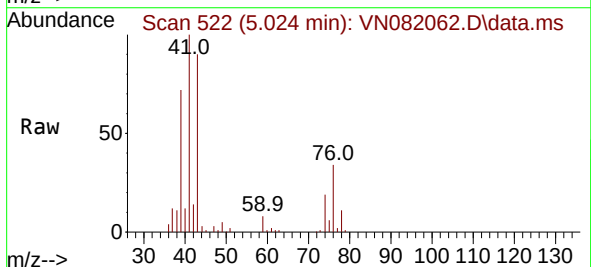
Tgt Ion: 41 Resp: 161886

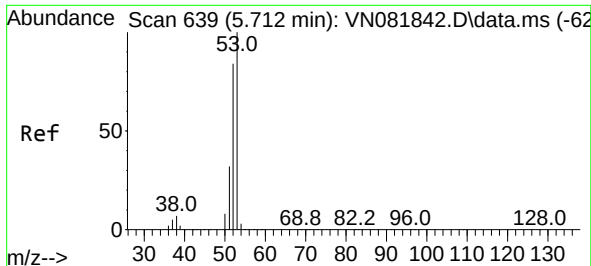
Ion Ratio Lower Upper

41 100

39 72.6 65.4 98.0

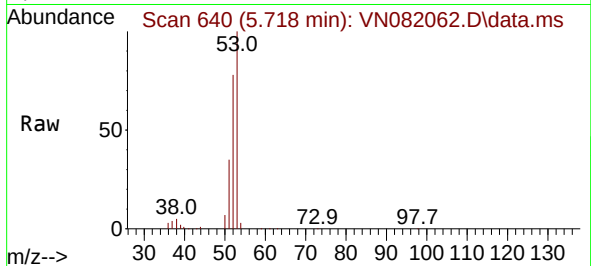
76 35.6 37.3 55.9#





#15
Acrylonitrile
Concen: 297.290 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

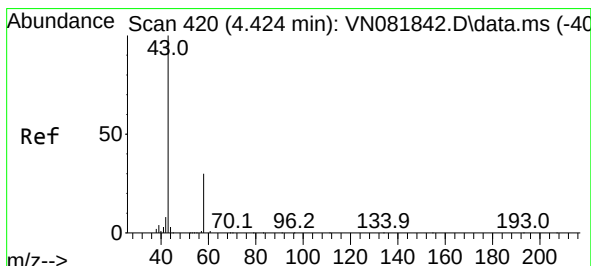
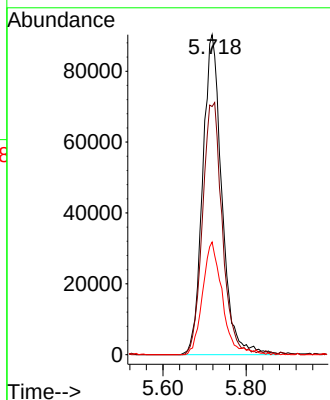
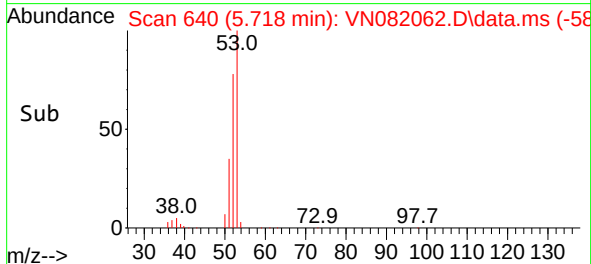
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



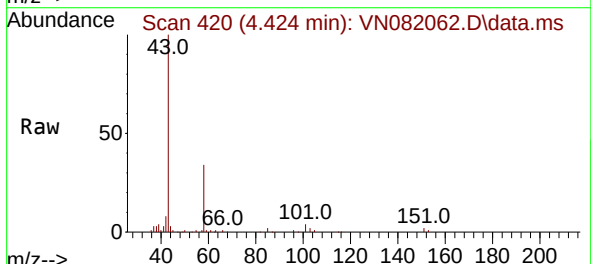
Tgt Ion: 53 Resp: 290039
Ion Ratio Lower Upper
53 100
52 80.8 66.1 99.1
51 36.3 29.4 44.2

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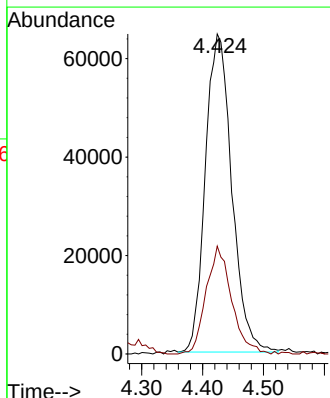
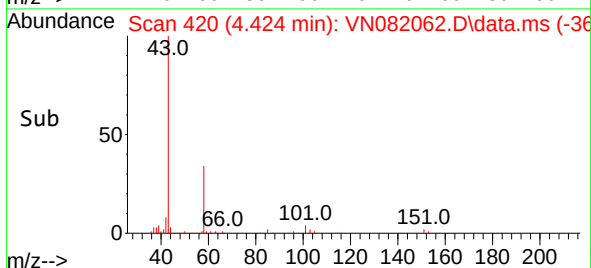
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

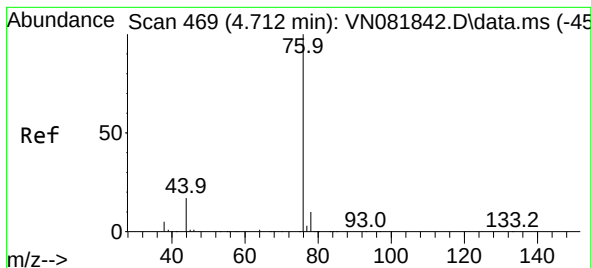


#16
Acetone
Concen: 295.971 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



Tgt Ion: 43 Resp: 194942
Ion Ratio Lower Upper
43 100
58 33.9 25.2 37.8





#17

Carbon Disulfide

Concen: 46.414 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 22374

Ion Ratio Lower Upper

76 100

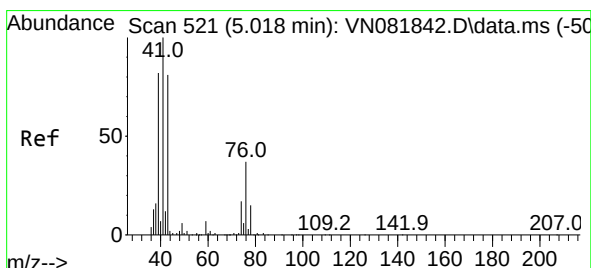
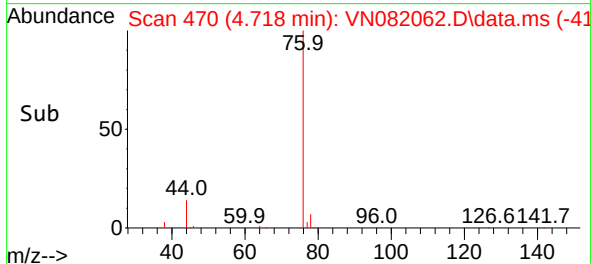
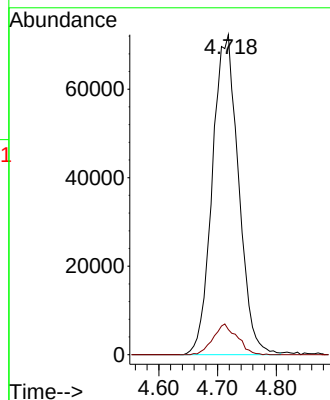
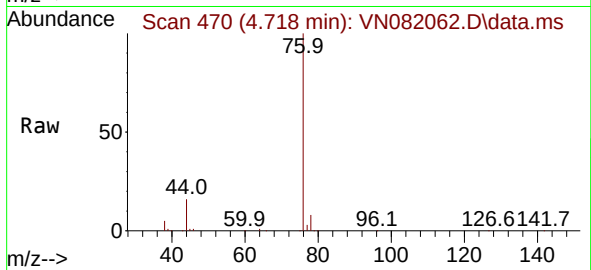
78 7.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#18

Methyl Acetate

Concen: 63.647 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082062.D

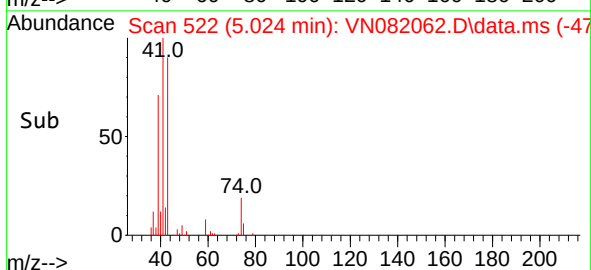
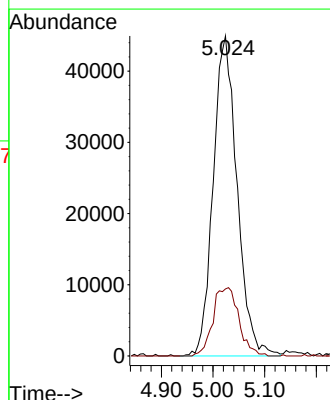
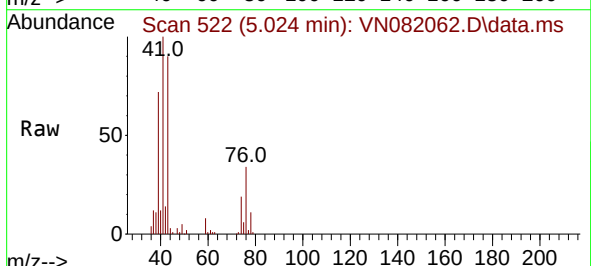
Acq: 09 May 2024 19:46

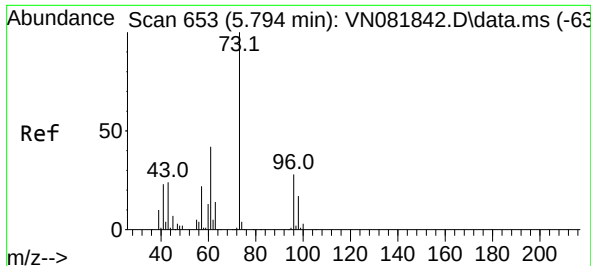
Tgt Ion: 43 Resp: 144081

Ion Ratio Lower Upper

43 100

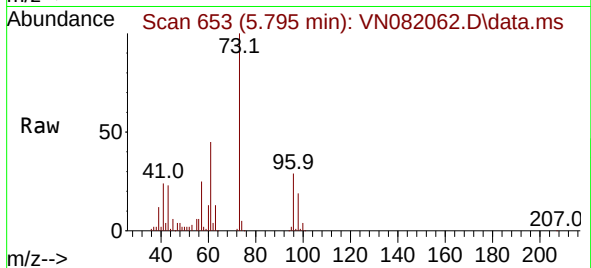
74 23.2 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 53.936 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

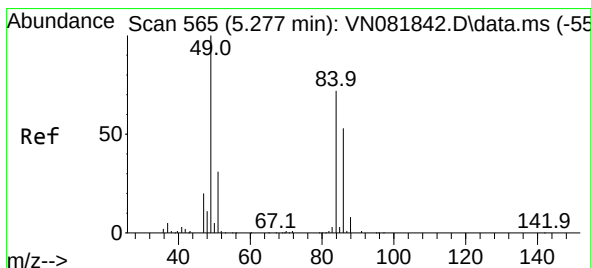
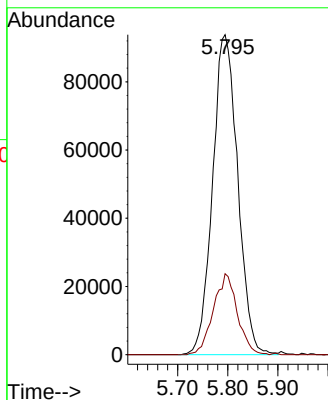
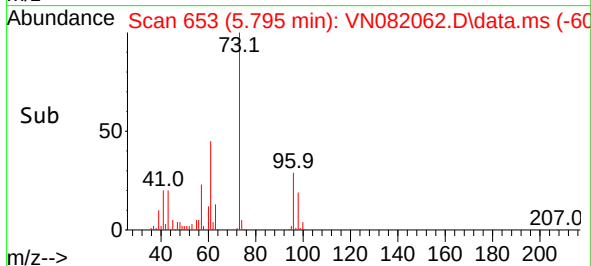
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 326424
Ion Ratio Lower Upper
73 100
57 25.3 16.5 24.7

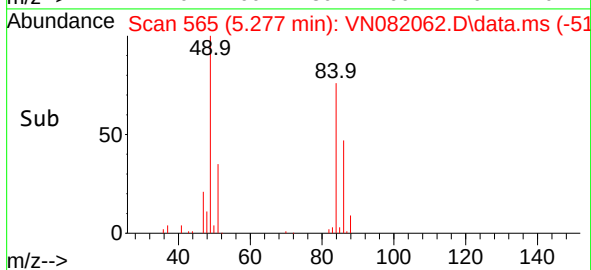
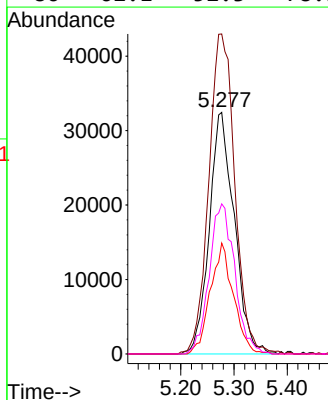
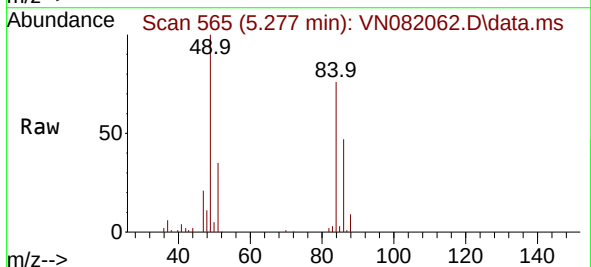
Manual Integrations
APPROVED

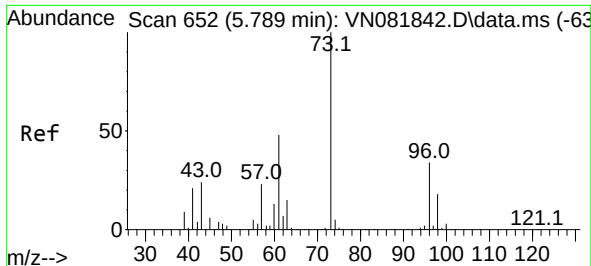
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#20
Methylene Chloride
Concen: 55.291 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Tgt Ion: 84 Resp: 105901
Ion Ratio Lower Upper
84 100
49 132.4 84.9 127.3#
51 45.9 27.0 40.6#
86 62.1 52.3 78.5





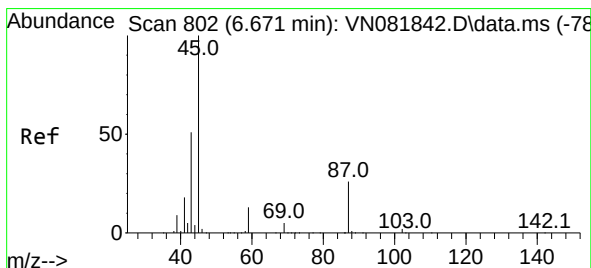
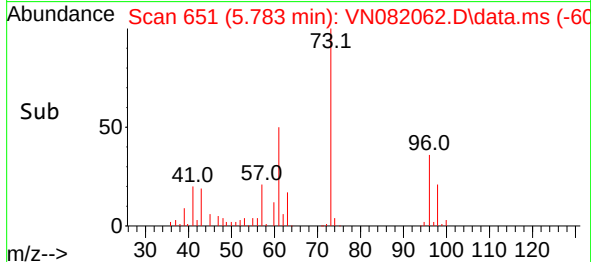
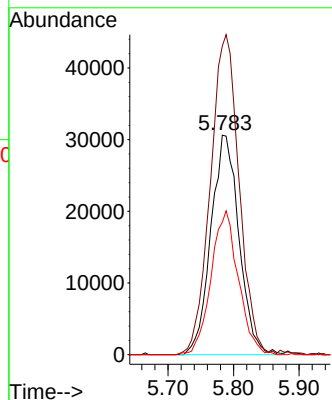
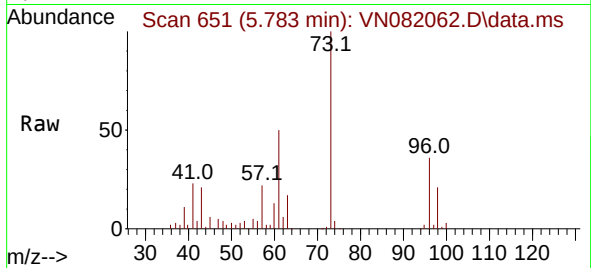
#21
trans-1,2-Dichloroethene
Concen: 52.159 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 9121
Ion Ratio Lower Upper
96 100
61 140.0 96.5 144.7
98 60.3 51.3 76.9

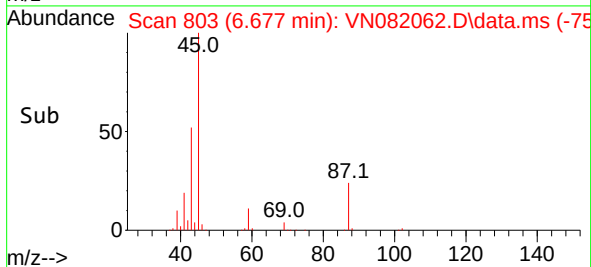
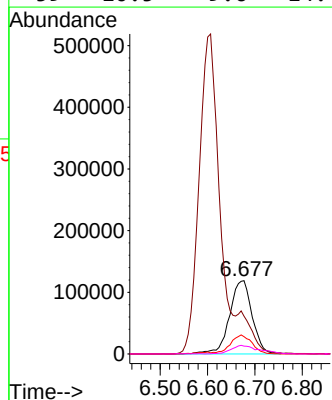
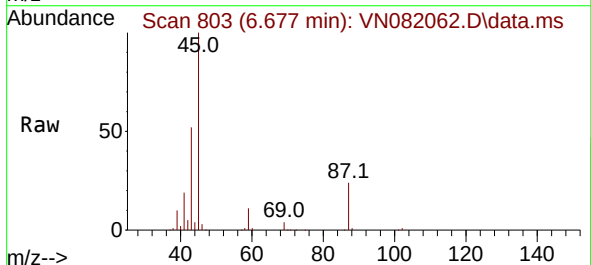
Manual Integrations
APPROVED

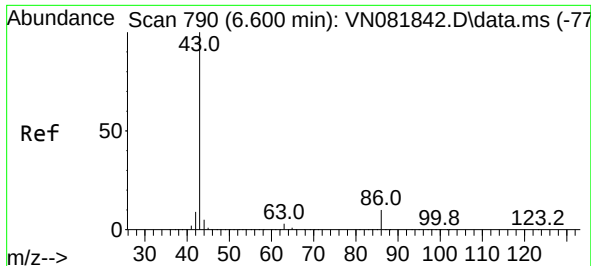
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#22
Diisopropyl ether
Concen: 59.945 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

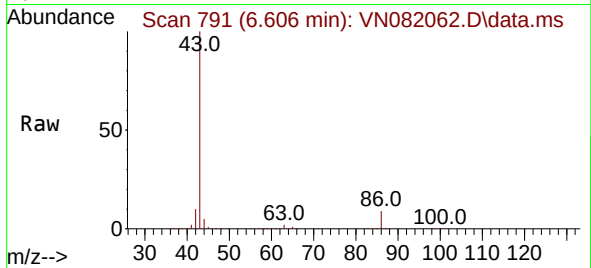
Tgt Ion: 45 Resp: 393530
Ion Ratio Lower Upper
45 100
43 49.9 44.1 66.1
87 23.5 27.0 40.6#
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 286.657 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082062.D
 Acq: 09 May 2024 19:46

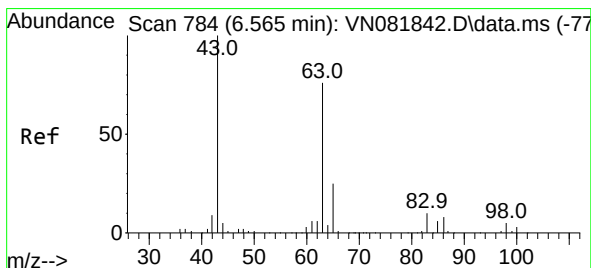
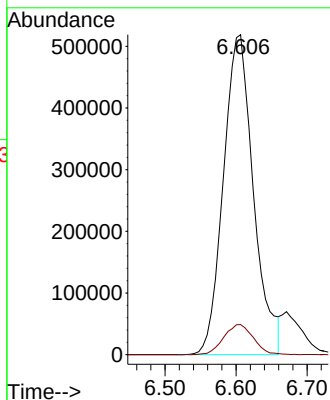
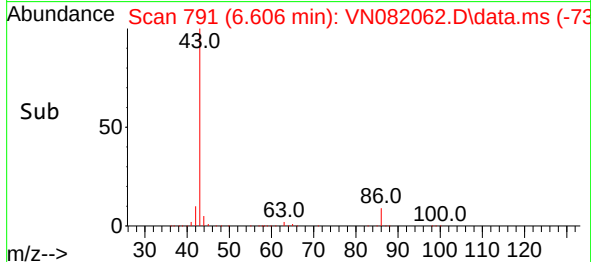
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



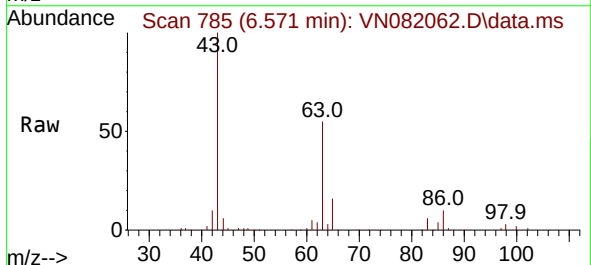
Tgt Ion: 43 Resp: 152905
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.2 15.4

Manual Integrations
 APPROVED

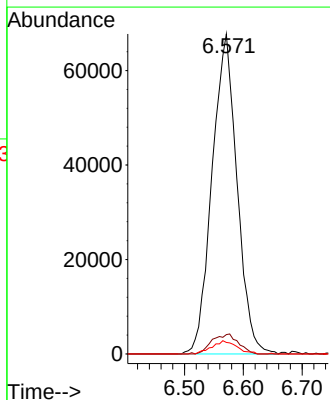
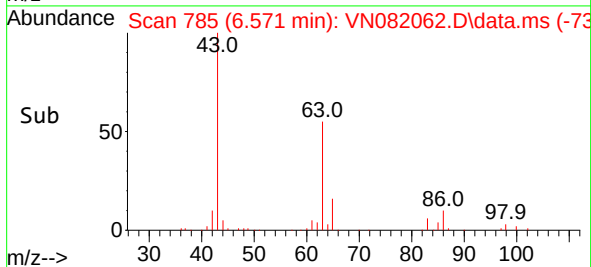
Reviewed By :John Carlone 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

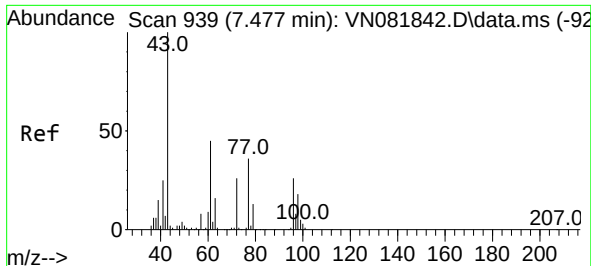


#24
 1,1-Dichloroethane
 Concen: 58.570 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN082062.D
 Acq: 09 May 2024 19:46



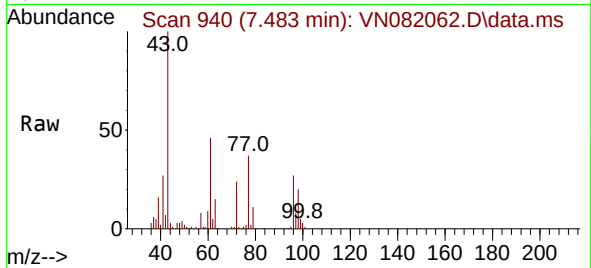
Tgt Ion: 63 Resp: 200129
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.9
 100 3.6 2.6 7.8





#25
2-Butanone
Concen: 291.193 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

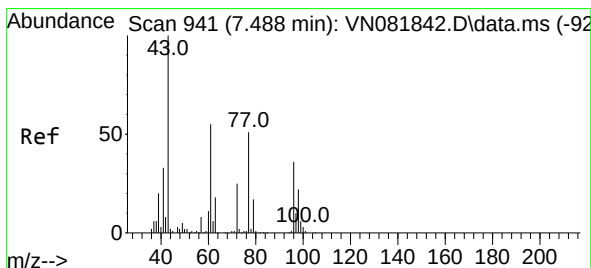
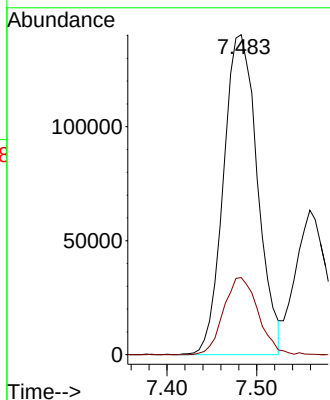
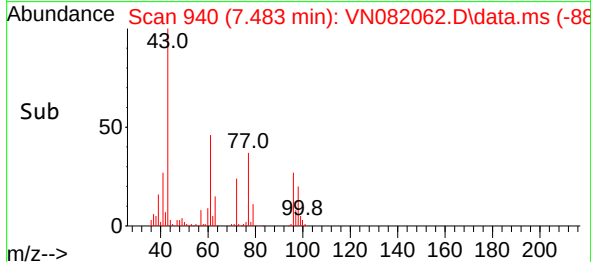
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



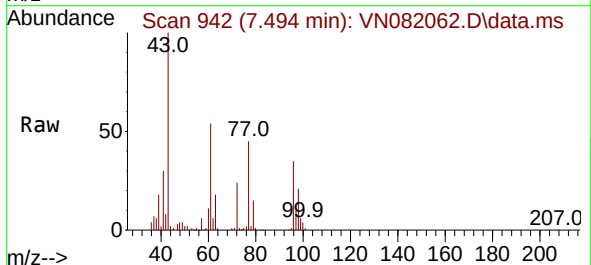
Tgt Ion: 43 Resp: 369378
Ion Ratio Lower Upper
43 100
72 24.1 25.3 37.9

Manual Integrations
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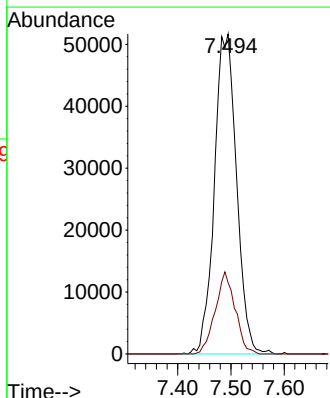
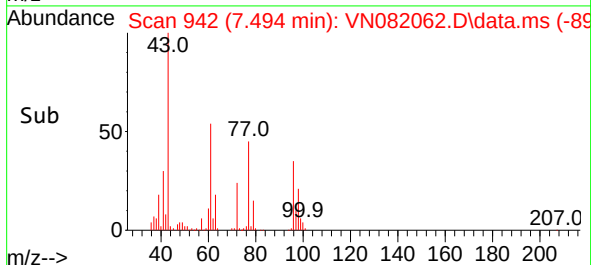
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

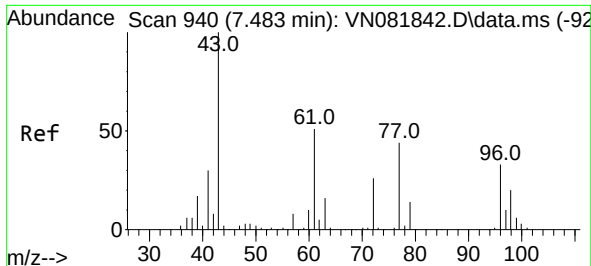


#26
2,2-Dichloropropane
Concen: 47.514 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



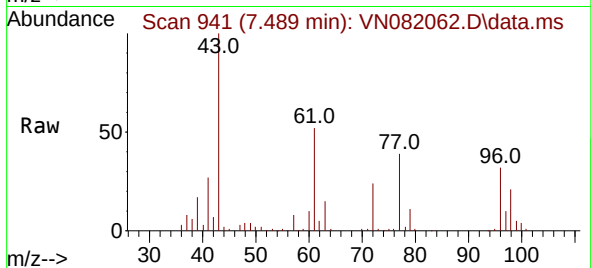
Tgt Ion: 77 Resp: 149348
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 56.846 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

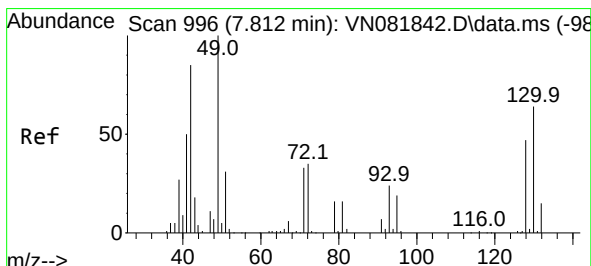
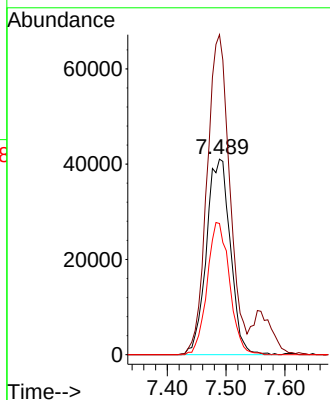
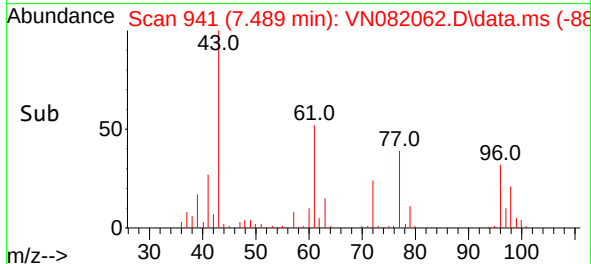
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 116164
Ion Ratio Lower Upper
96 100
61 154.9 0.0 268.0
98 63.3 0.0 126.8

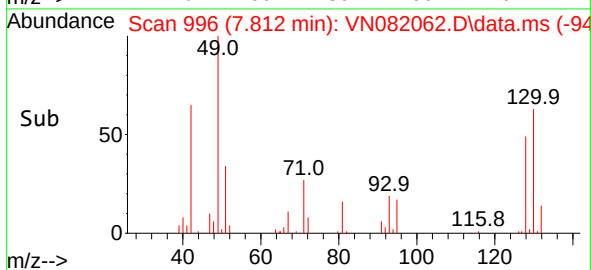
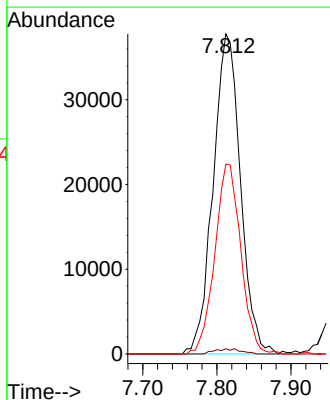
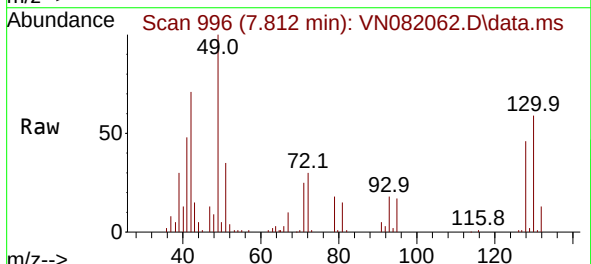
Manual Integrations
APPROVED

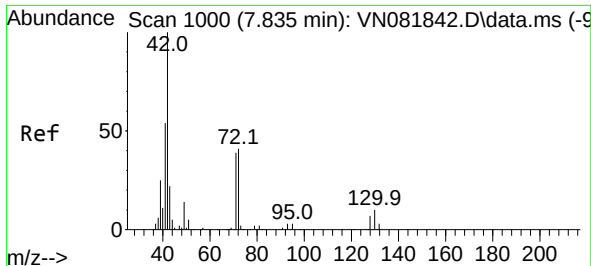
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#28
Bromochloromethane
Concen: 59.542 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Tgt Ion: 49 Resp: 96696
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 56.4 66.7 100.1#





#29

Tetrahydrofuran

Concen: 280.895 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

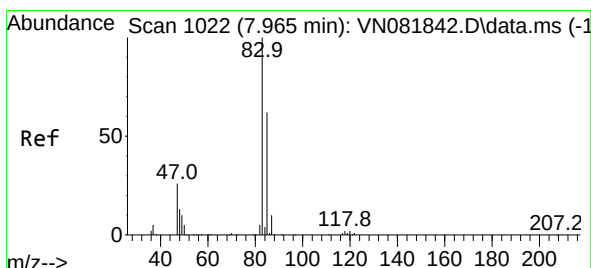
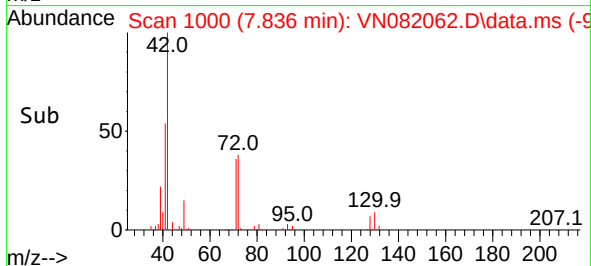
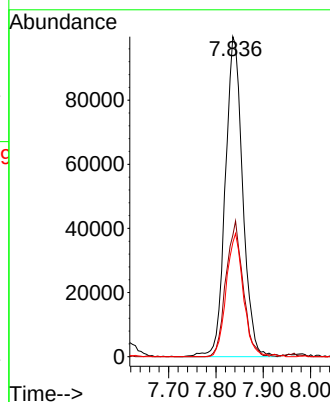
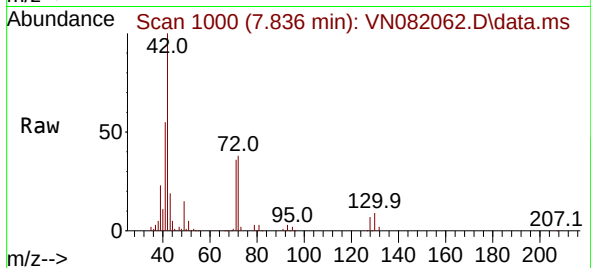
Tgt Ion:	42	Resp:	255518
Ion Ratio	Lower	Upper	
42	100		
72	41.5	39.3	58.9
71	37.5	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#30

Chloroform

Concen: 54.707 ug/l

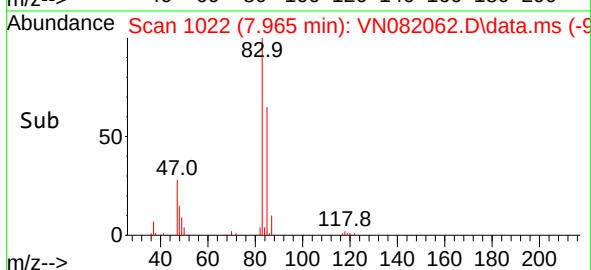
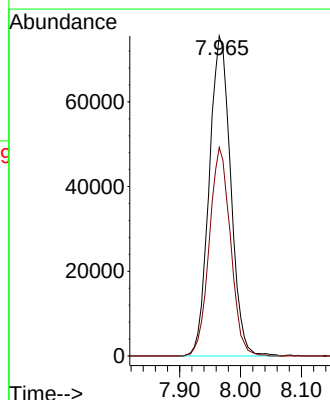
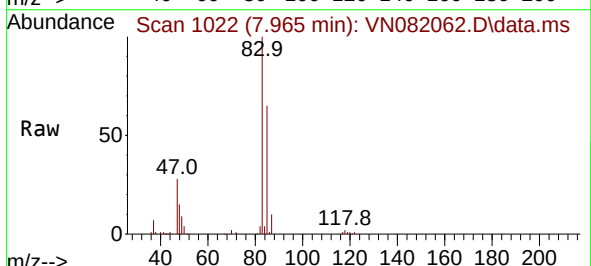
RT: 7.965 min Scan# 1022

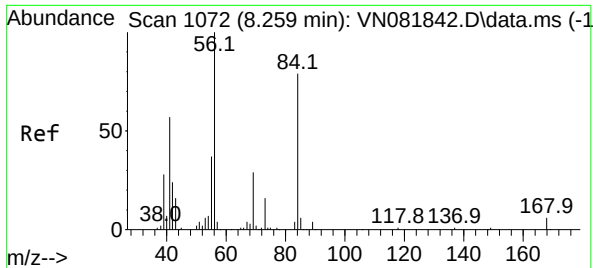
Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

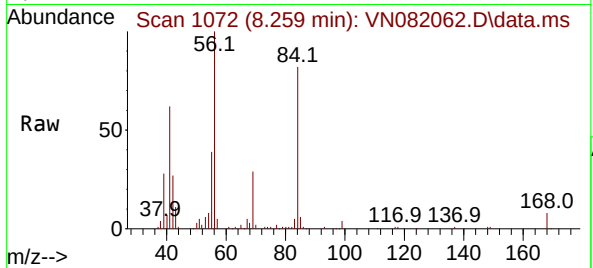
Tgt Ion:	83	Resp:	185290
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.7	76.1





#31
Cyclohexane
Concen: 51.466 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

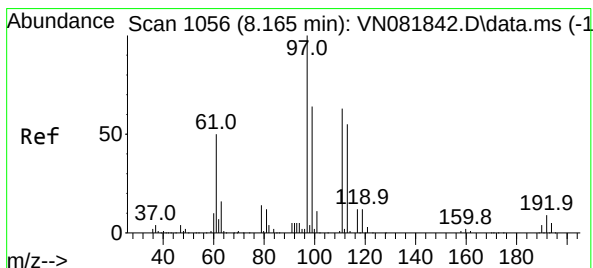
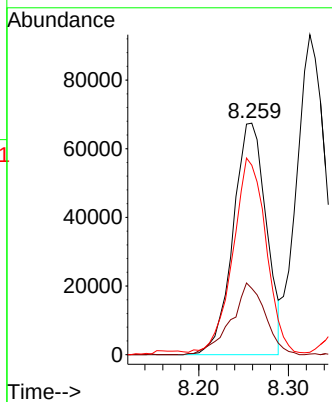
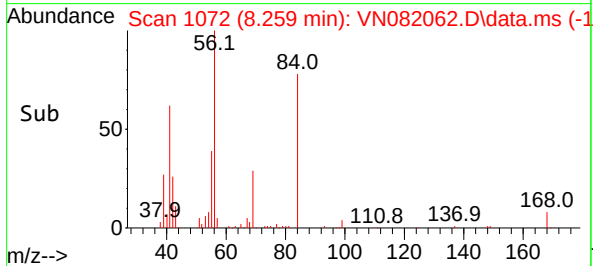
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



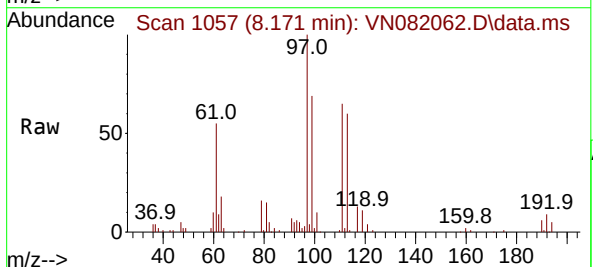
Tgt Ion: 56 Resp: 173270
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 80.2 77.0 115.4

Manual Integrations
APPROVED

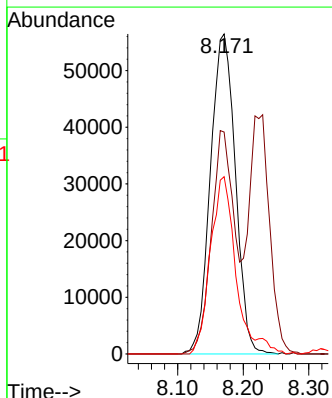
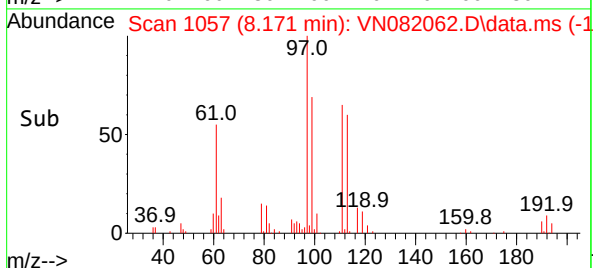
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

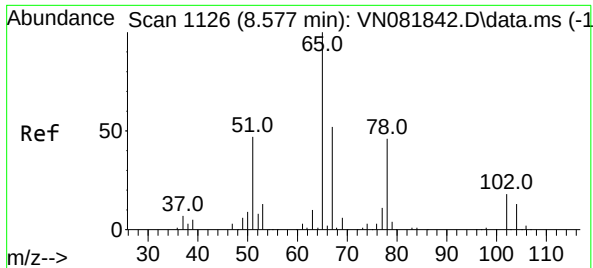


#32
1,1,1-Trichloroethane
Concen: 49.449 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



Tgt Ion: 97 Resp: 149357
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 56.8 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 55.139 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12323

Ion Ratio Lower Upper

65 100

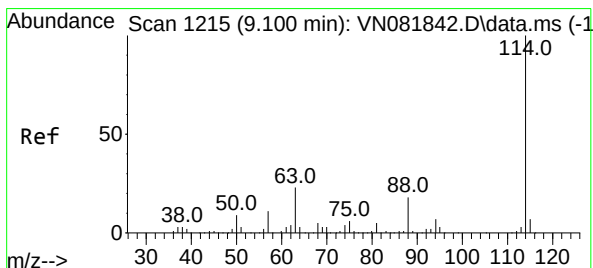
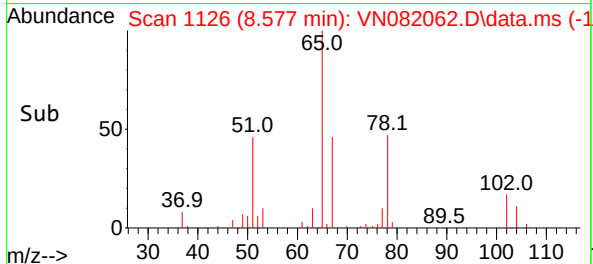
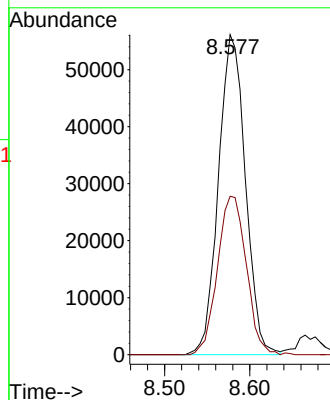
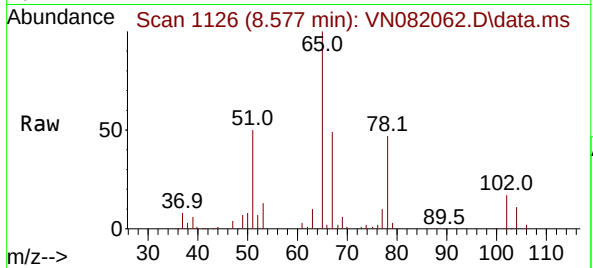
67 53.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

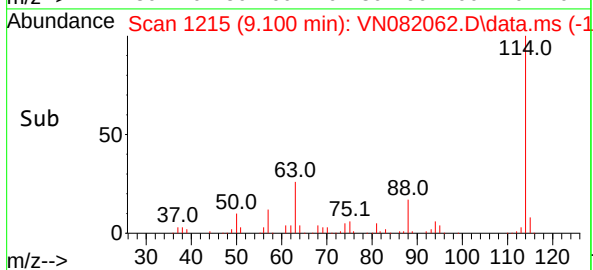
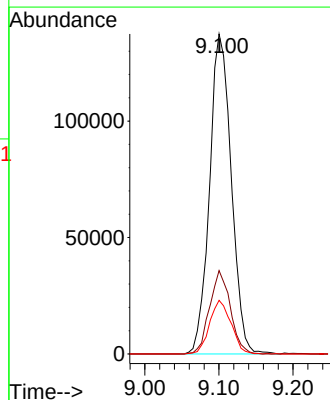
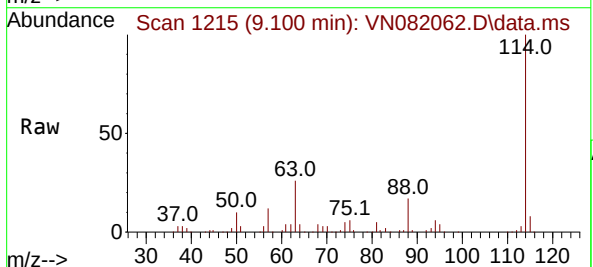
Tgt Ion:114 Resp: 280264

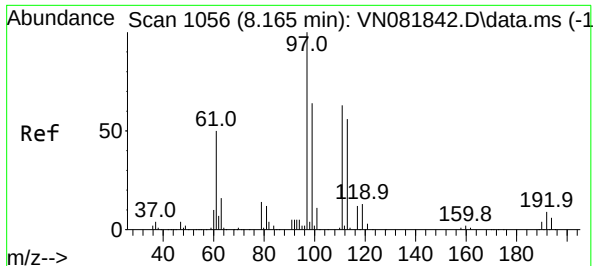
Ion Ratio Lower Upper

114 100

63 26.1 0.0 41.0

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.709 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

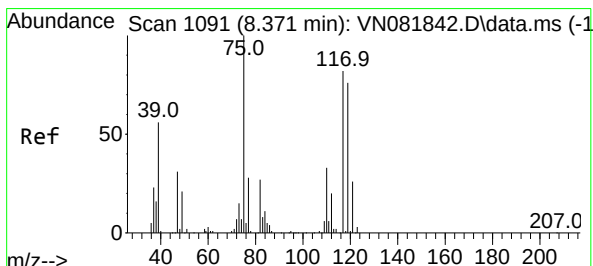
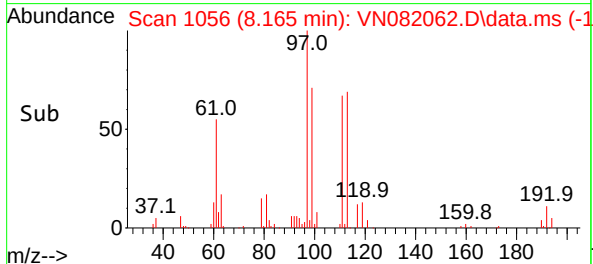
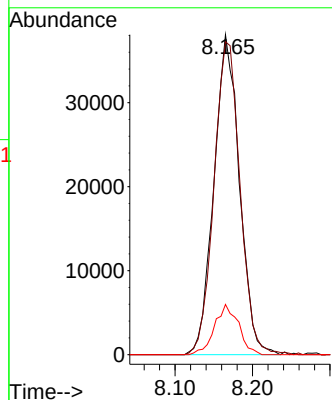
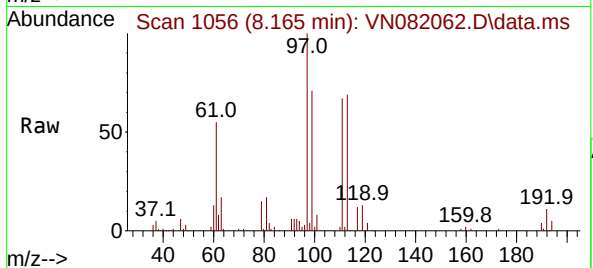
Tgt Ion:	113	Resp:	87250
Ion Ratio	Lower	Upper	
113	100		
111	99.9	83.4	125.2
192	14.8	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#36

1,1-Dichloropropene

Concen: 47.872 ug/l

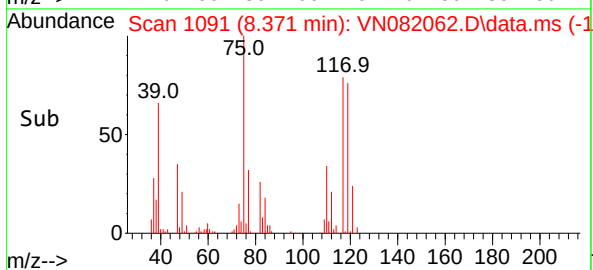
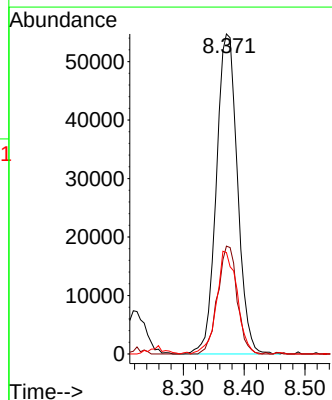
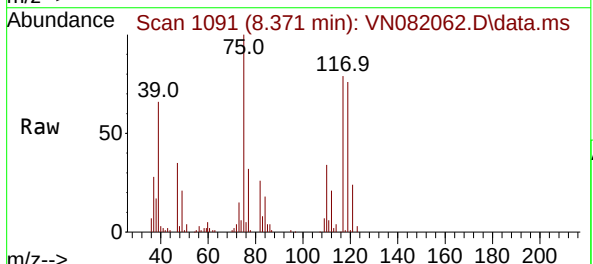
RT: 8.371 min Scan# 1091

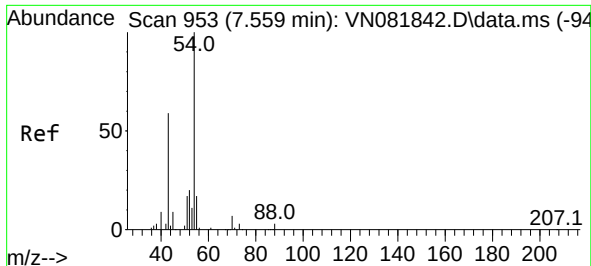
Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

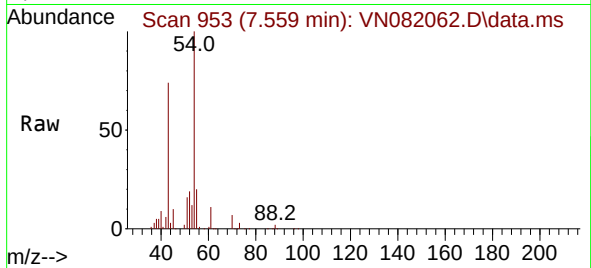
Tgt Ion:	75	Resp:	131419
Ion Ratio	Lower	Upper	
75	100		
110	31.2	17.8	53.5
77	31.2	25.0	37.4





#37
Ethyl Acetate
Concen: 52.234 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

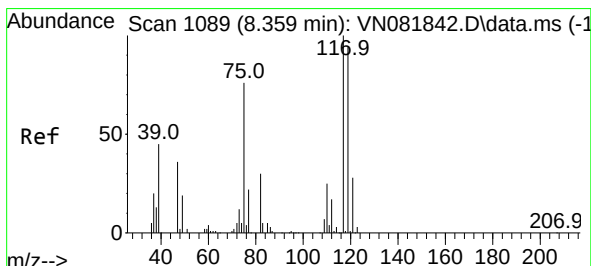
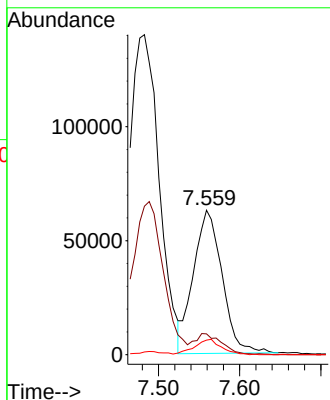
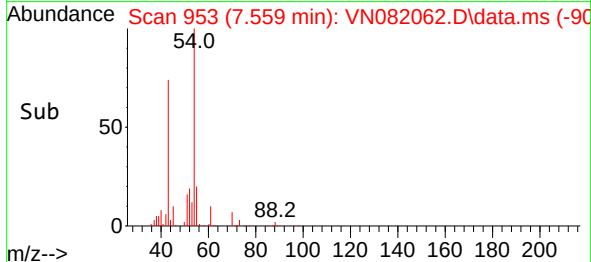
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15504
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 9.9 8.7 13.1

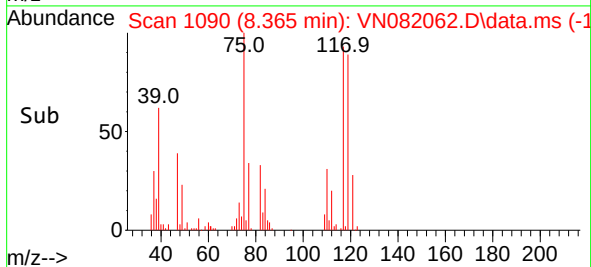
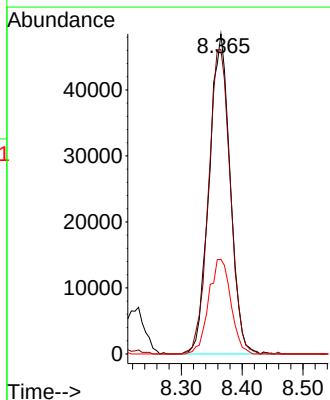
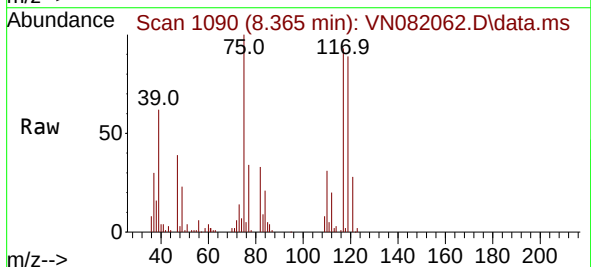
Manual Integrations
APPROVED

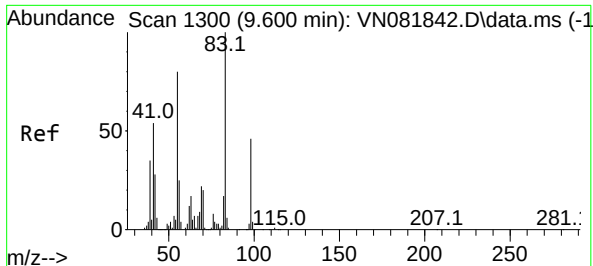
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#38
Carbon Tetrachloride
Concen: 43.199 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Tgt Ion:117 Resp: 115906
Ion Ratio Lower Upper
117 100
119 95.1 76.5 114.7
121 29.6 23.9 35.9





#39

Methylcyclohexane

Concen: 46.254 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 15421

Ion Ratio Lower Upper

83 100

55 83.6 53.0 79.6

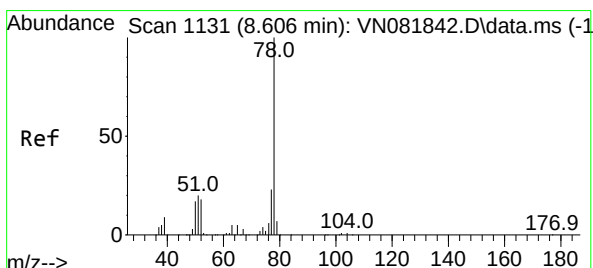
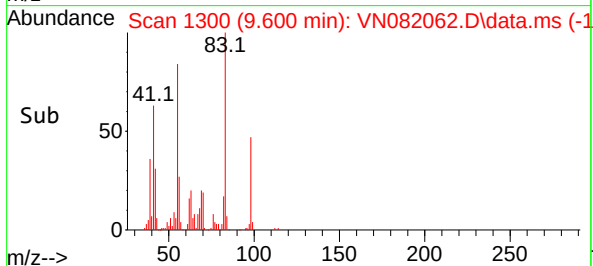
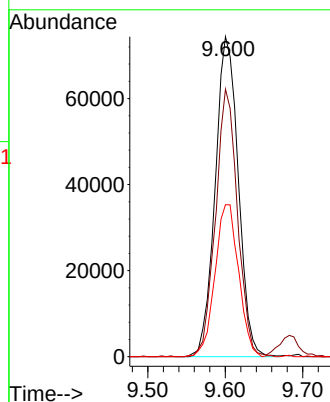
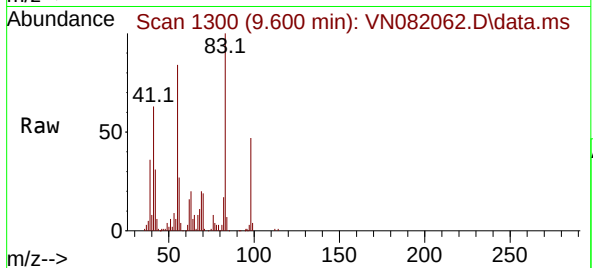
98 47.5 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#40

Benzene

Concen: 52.967 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082062.D

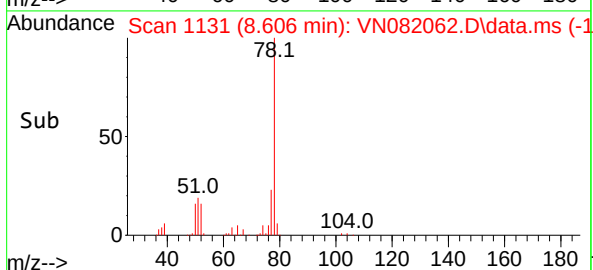
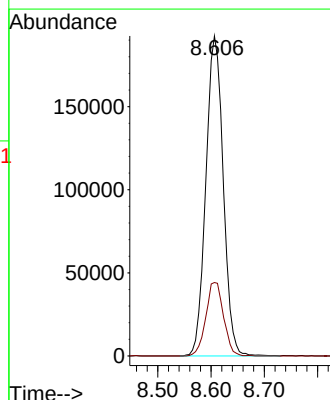
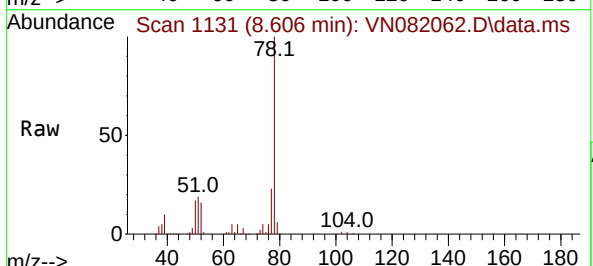
Acq: 09 May 2024 19:46

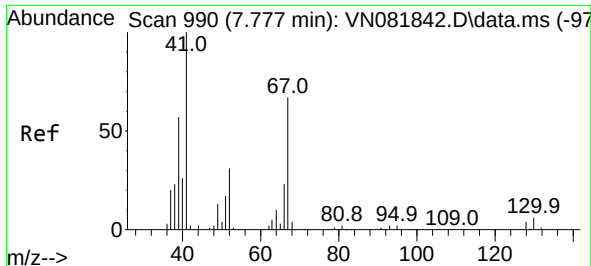
Tgt Ion: 78 Resp: 436499

Ion Ratio Lower Upper

78 100

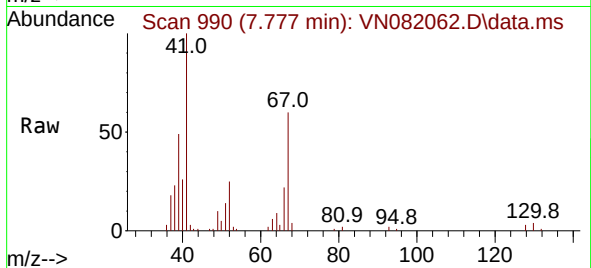
77 23.0 20.0 30.0





#41
Methacrylonitrile
Concen: 50.123 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

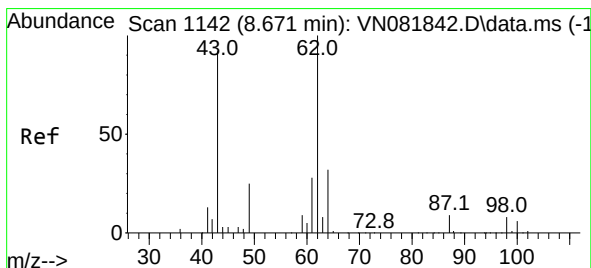
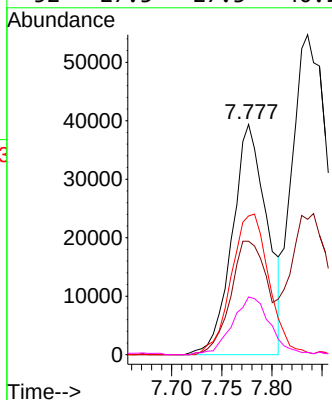
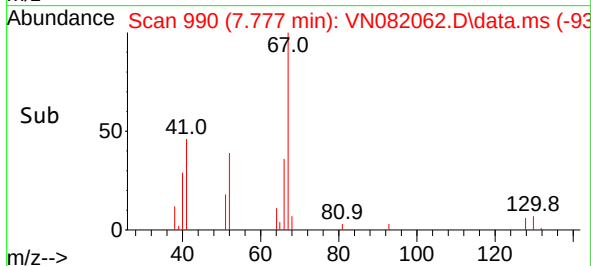
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



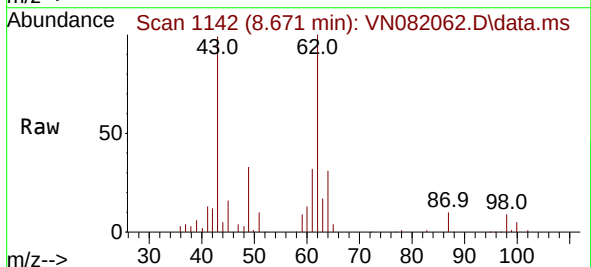
Tgt Ion: 41 Resp: 94930
Ion Ratio Lower Upper
41 100
39 50.4 46.6 69.8
67 66.2 67.3 100.9
52 27.3 27.3 40.9

Manual Integrations
APPROVED

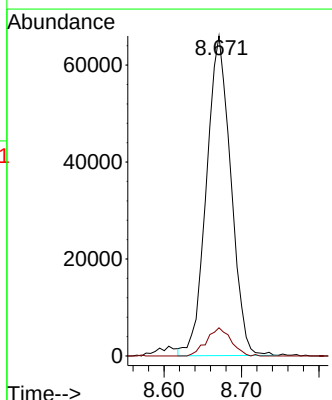
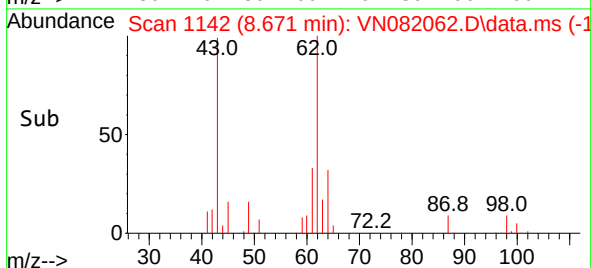
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

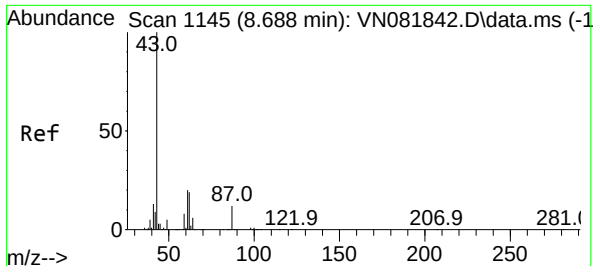


#42
1,2-Dichloroethane
Concen: 47.158 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



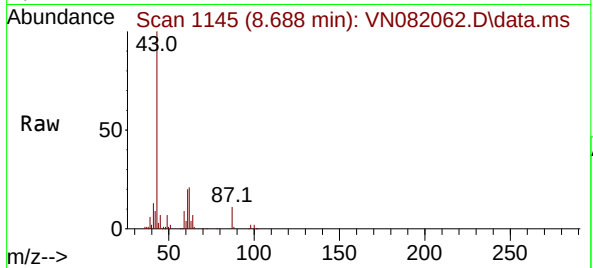
Tgt Ion: 62 Resp: 144312
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 60.387 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

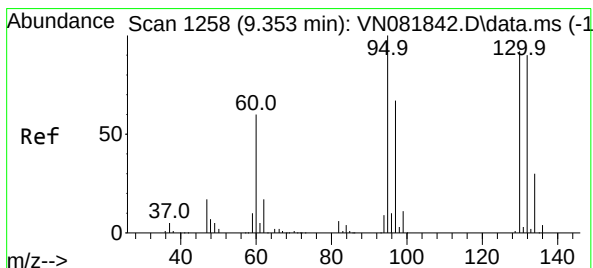
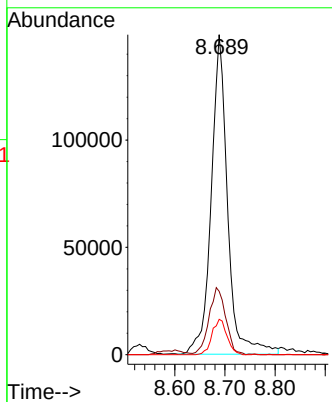
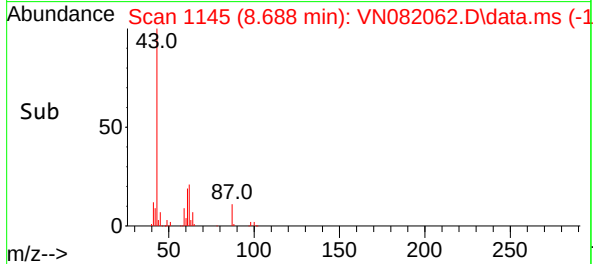
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 337022
Ion Ratio Lower Upper
43 100
61 21.2 22.8 34.2
87 10.1 12.0 18.0

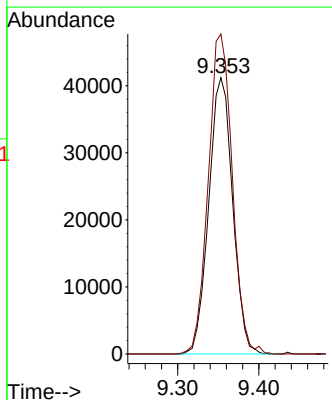
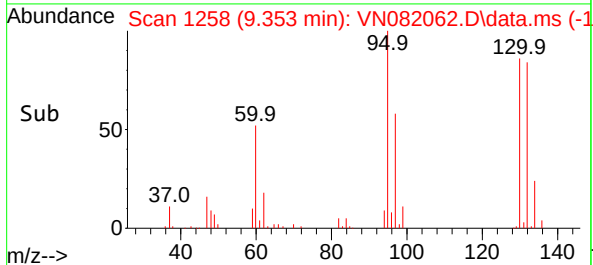
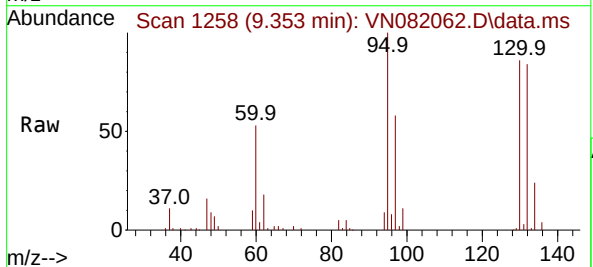
Manual Integrations
APPROVED

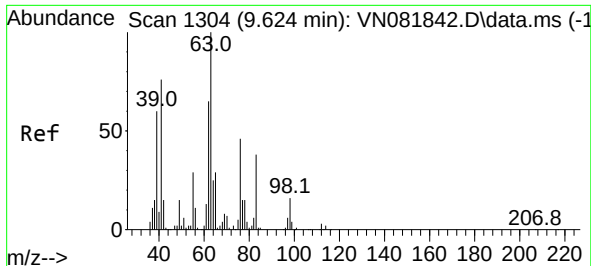
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#44
Trichloroethene
Concen: 44.338 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Tgt Ion:130 Resp: 84244
Ion Ratio Lower Upper
130 100
95 115.8 0.0 195.4





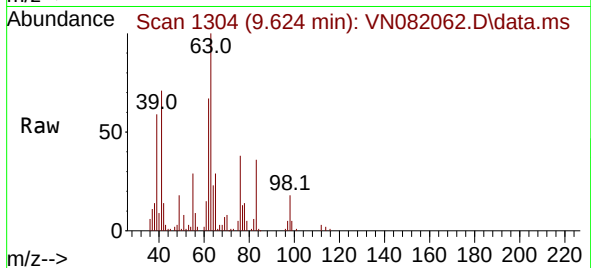
#45
1,2-Dichloropropane
Concen: 54.384 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



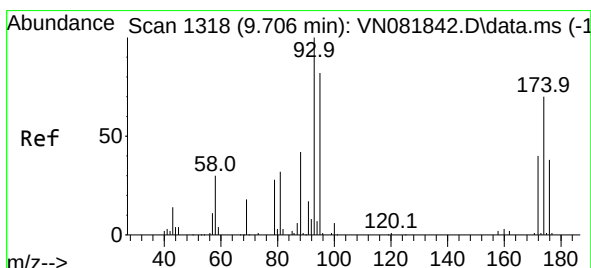
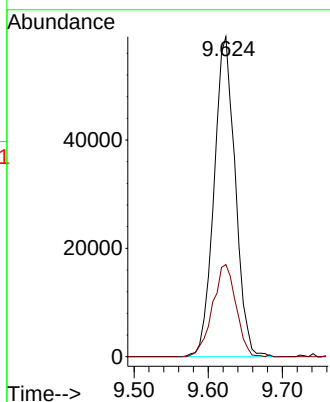
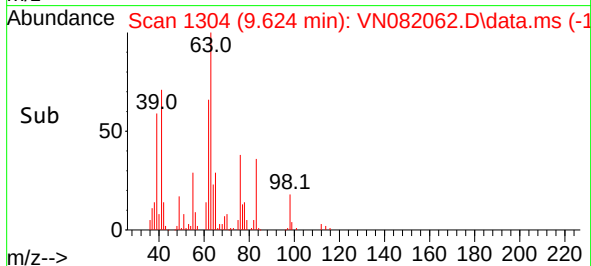
Tgt Ion: 63 Resp: 117293
Ion Ratio Lower Upper
63 100
65 28.8 24.1 36.1

Manual Integrations

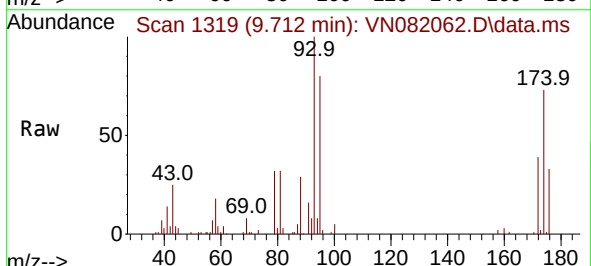
APPROVED

Reviewed By :John Carlone 05/10/2024

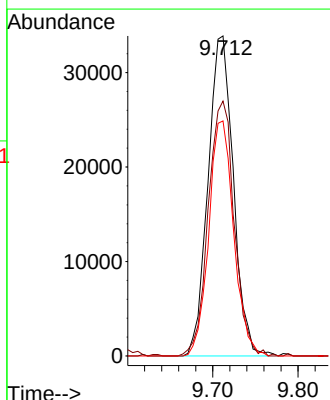
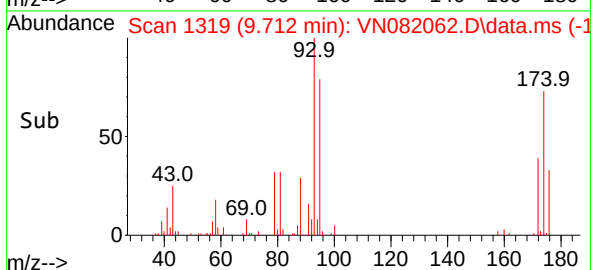
Supervised By :Mahesh Dadoda 05/10/2024

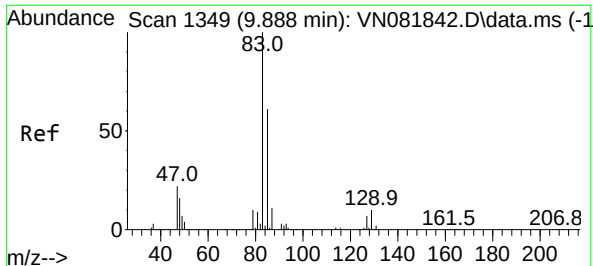


#46
Dibromomethane
Concen: 46.913 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



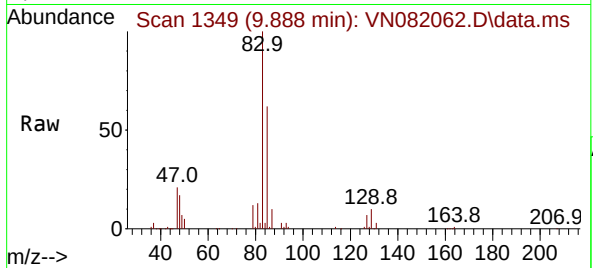
Tgt Ion: 93 Resp: 69933
Ion Ratio Lower Upper
93 100
95 81.8 64.8 97.2
174 72.4 73.4 110.0#





#47
Bromodichloromethane
Concen: 48.586 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

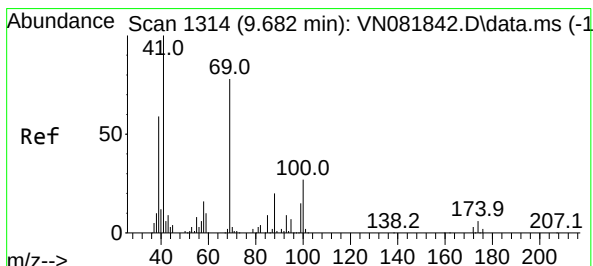
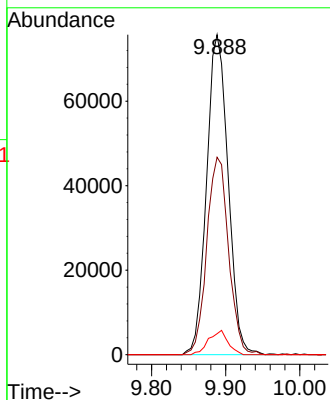
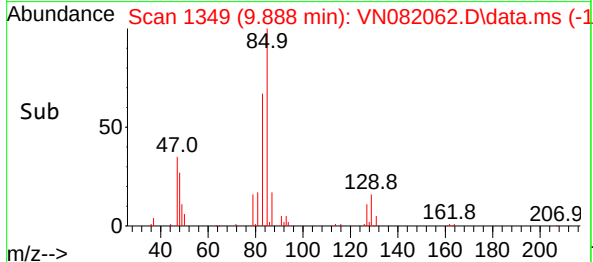
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 152744
Ion Ratio Lower Upper
83 100
85 61.7 51.9 77.9
127 6.6 7.5 11.3

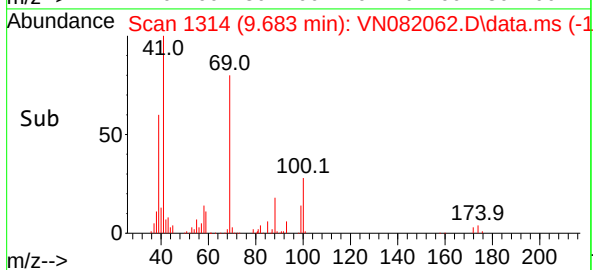
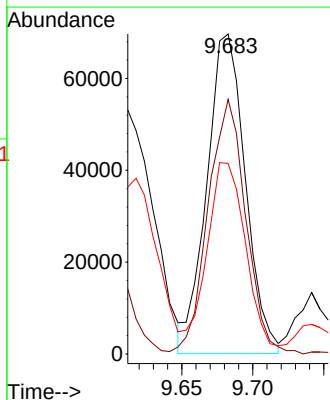
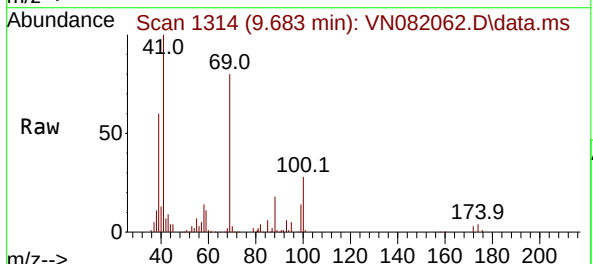
Manual Integrations
APPROVED

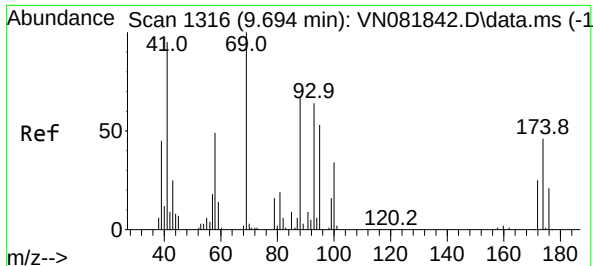
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#48
Methyl methacrylate
Concen: 49.345 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

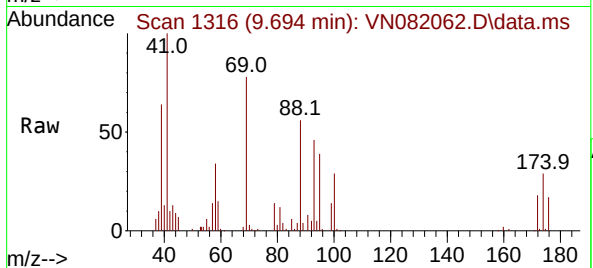
Tgt Ion: 41 Resp: 131470
Ion Ratio Lower Upper
41 100
69 77.9 77.9 116.9#
39 61.1 50.9 76.3





#49
1,4-Dioxane
Concen: 1008.300 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

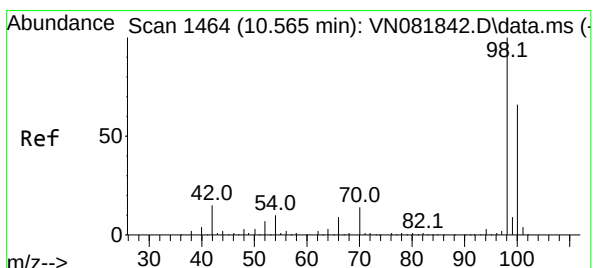
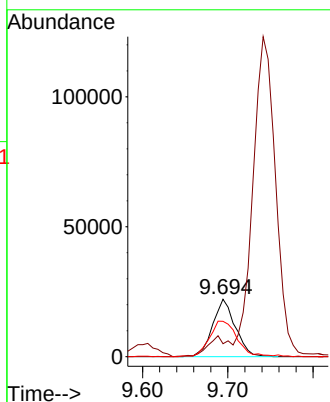
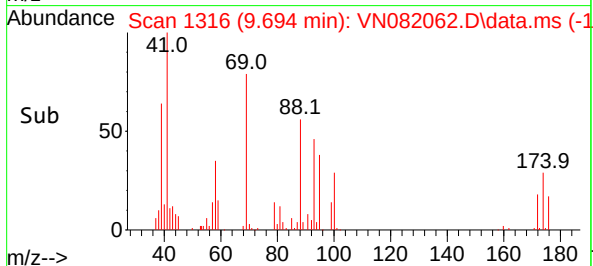
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



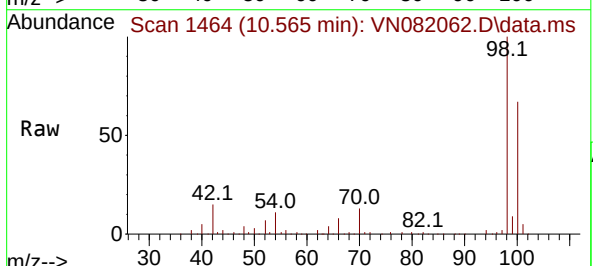
Tgt Ion: 88 Resp: 4083
Ion Ratio Lower Upper
88 100
43 31.9 19.0 28.6
58 76.6 50.6 76.0

Manual Integrations
APPROVED

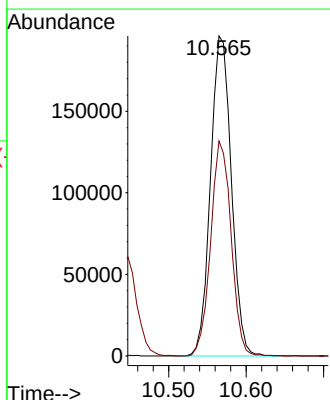
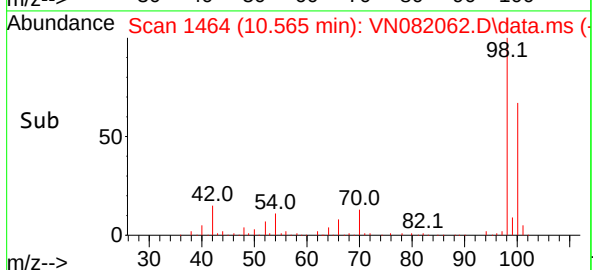
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

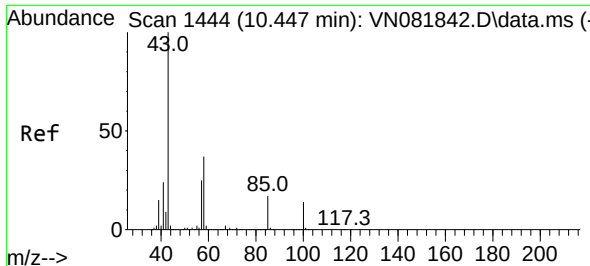


#50
Toluene-d8
Concen: 55.281 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



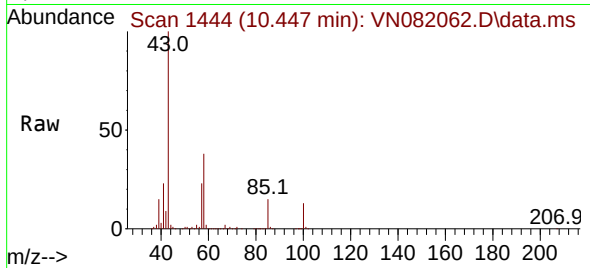
Tgt Ion: 98 Resp: 366361
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 265.960 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

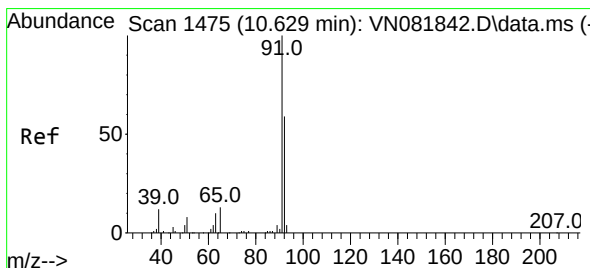
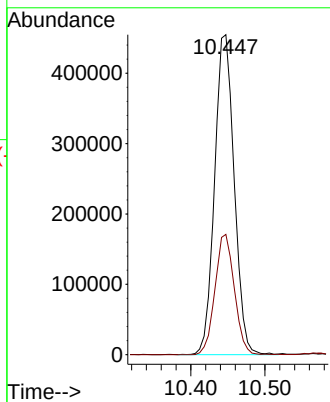
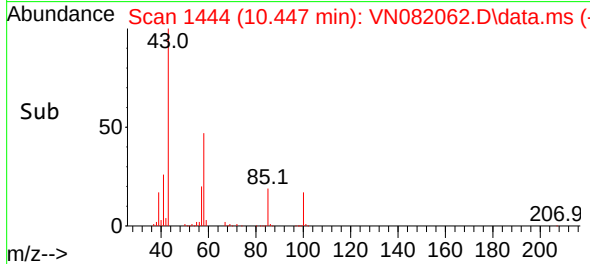
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 835594
Ion Ratio Lower Upper
43 100
58 37.1 33.2 49.8

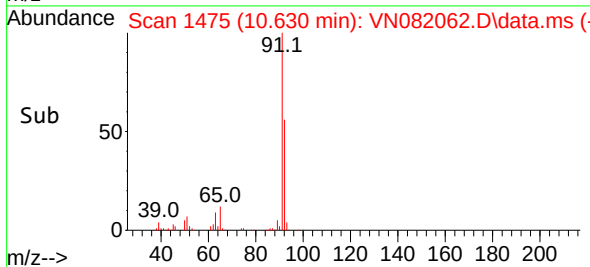
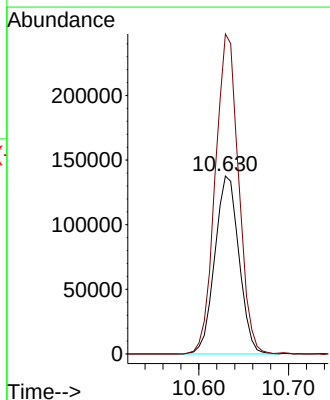
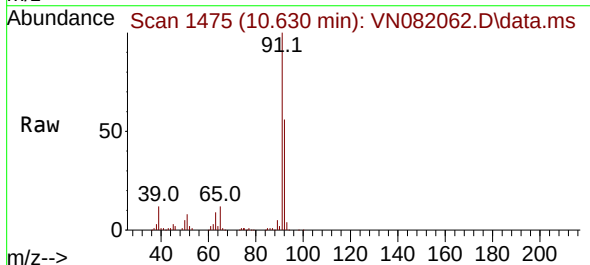
Manual Integrations
APPROVED

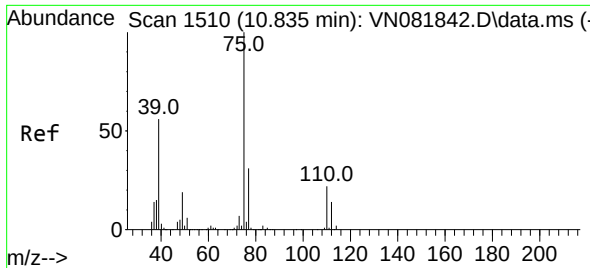
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#52
Toluene
Concen: 52.094 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

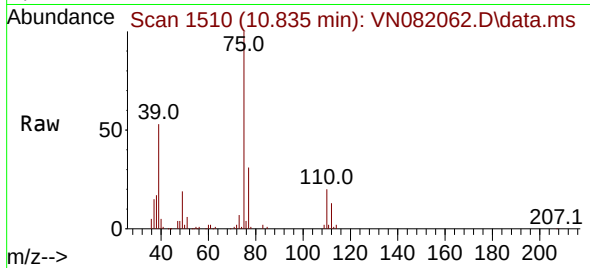
Tgt Ion: 92 Resp: 257093
Ion Ratio Lower Upper
92 100
91 174.3 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 47.414 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

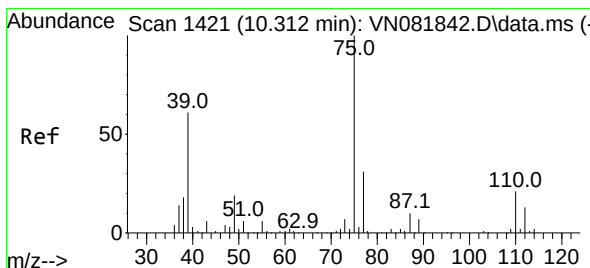
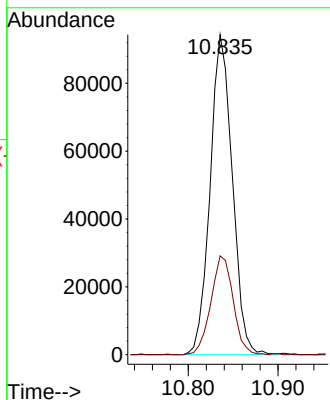
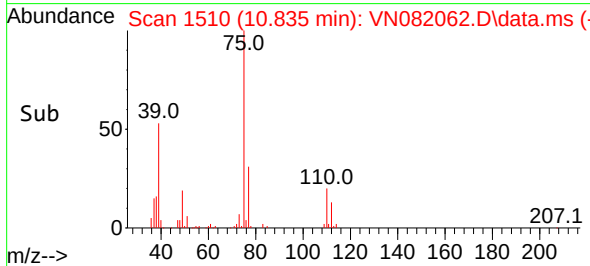
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



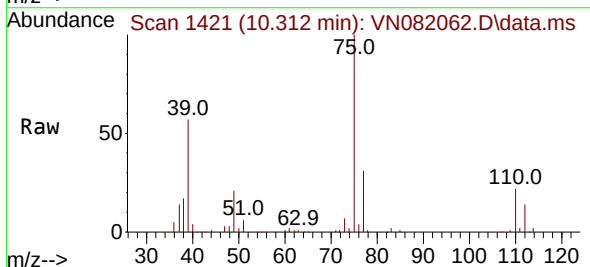
Tgt Ion: 75 Resp: 162193
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

Manual Integrations
APPROVED

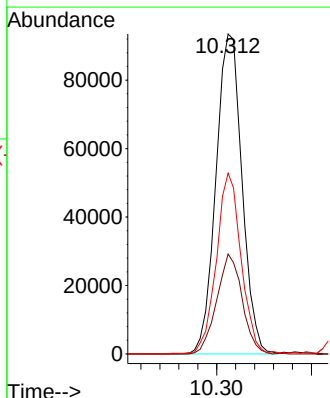
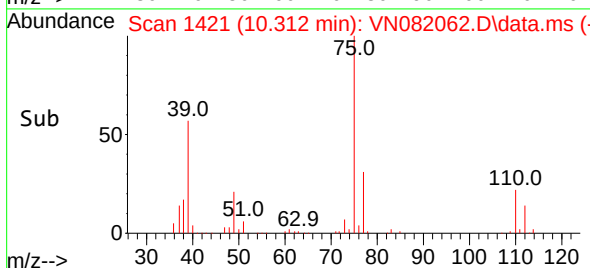
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

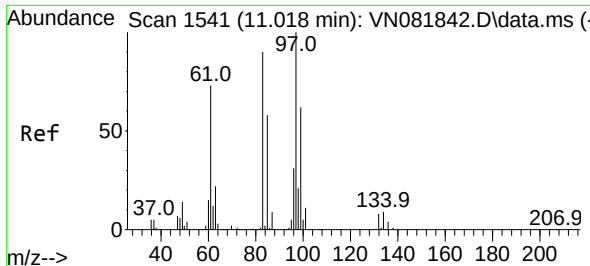


#54
cis-1,3-Dichloropropene
Concen: 50.706 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



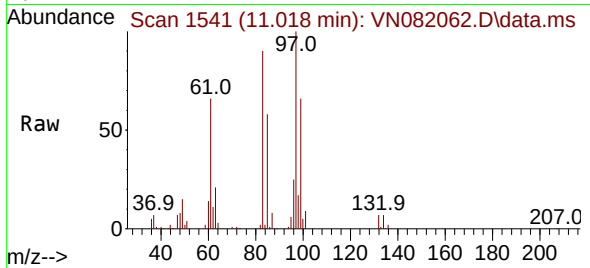
Tgt Ion: 75 Resp: 178770
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 56.3 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 50.297 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

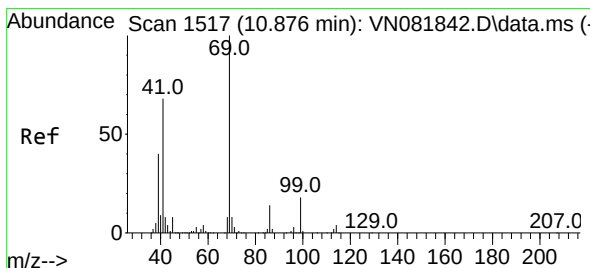
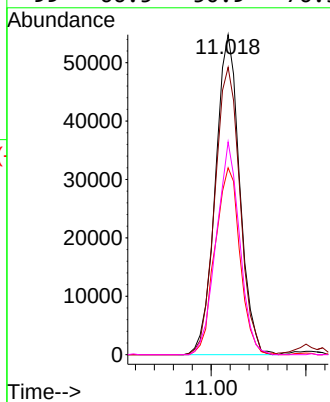
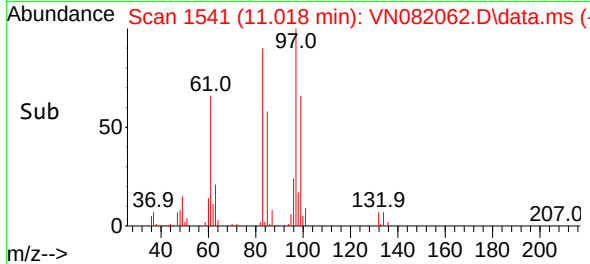
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



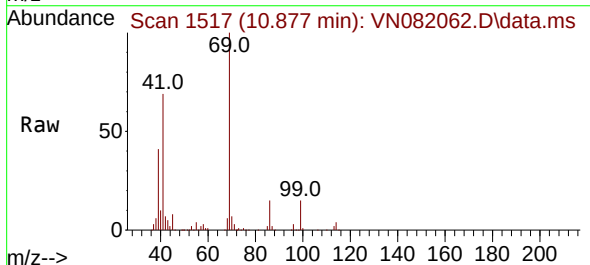
Tgt Ion:	97	Resp:	9762
Ion Ratio	100	Lower	Upper
97	100		
83	89.8	70.4	105.6
85	58.4	45.6	68.4
99	66.5	50.9	76.3

Manual Integrations
APPROVED

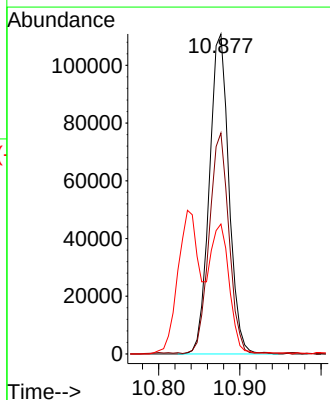
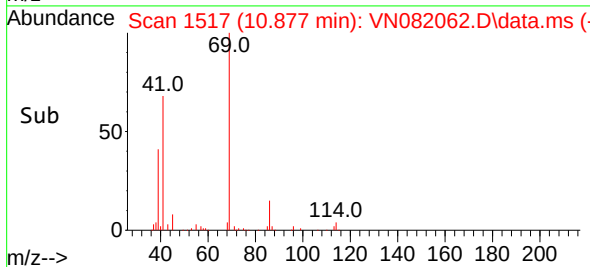
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

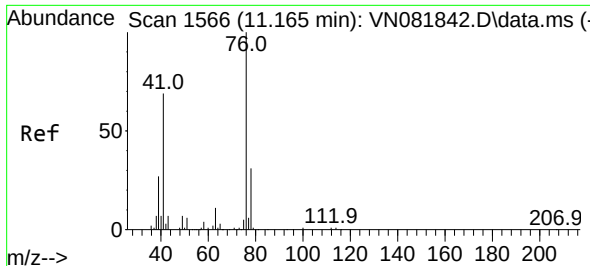


#56
Ethyl methacrylate
Concen: 50.125 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



Tgt Ion:	69	Resp:	185257
Ion Ratio	100	Lower	Upper
69	100		
41	69.2	46.6	70.0
39	37.1	26.5	39.7





#57

1,3-Dichloropropane

Concen: 52.834 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 182310

Ion Ratio Lower Upper

76 100

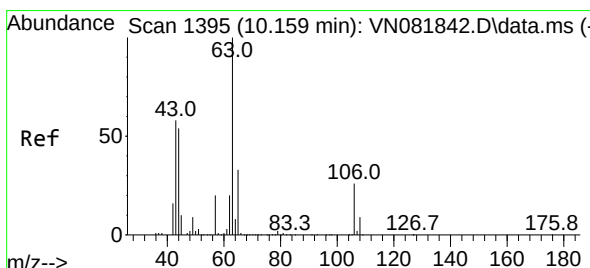
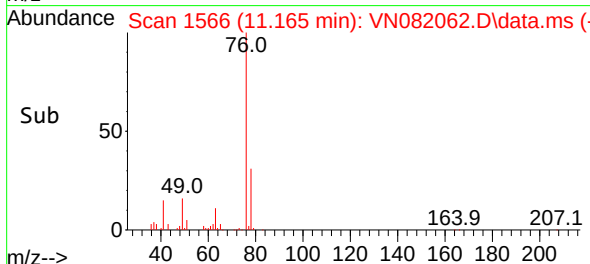
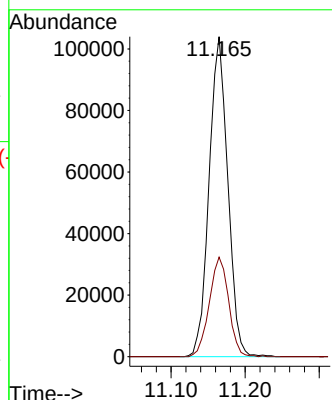
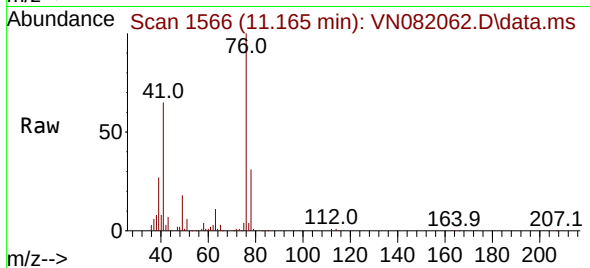
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#58

2-Chloroethyl Vinyl ether

Concen: 286.086 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082062.D

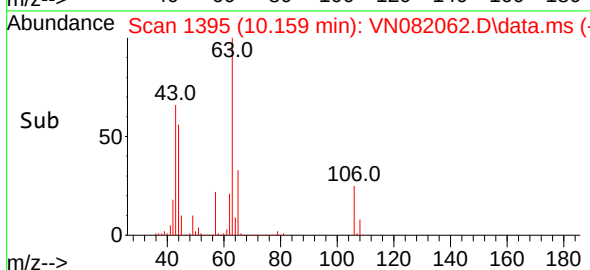
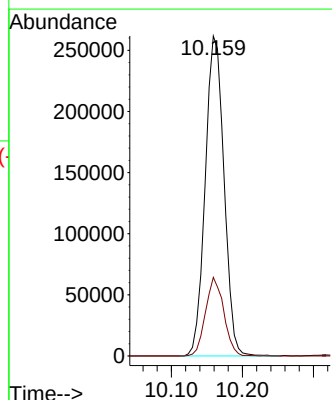
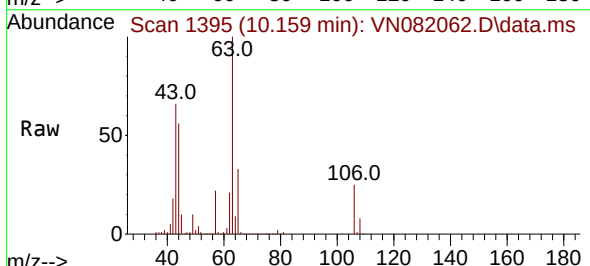
Acq: 09 May 2024 19:46

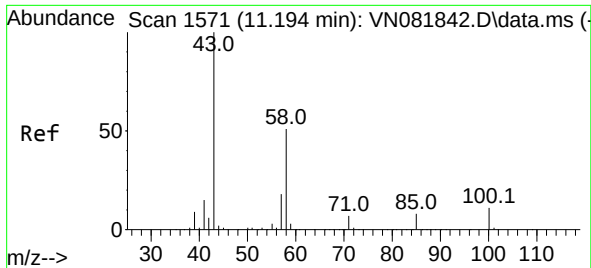
Tgt Ion: 63 Resp: 481675

Ion Ratio Lower Upper

63 100

106 23.9 24.6 36.8#





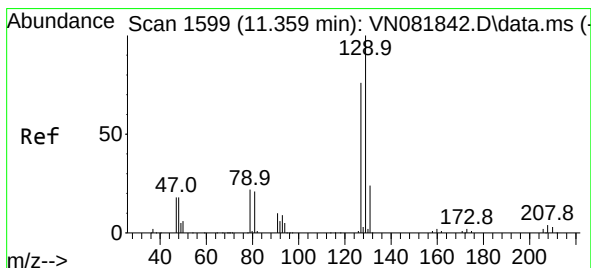
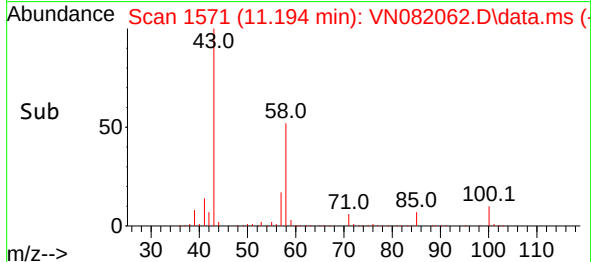
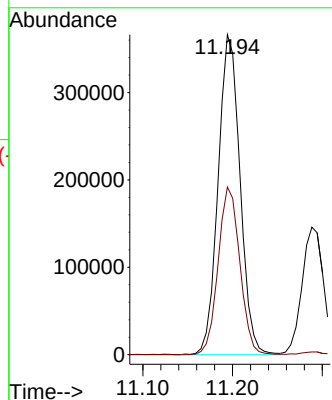
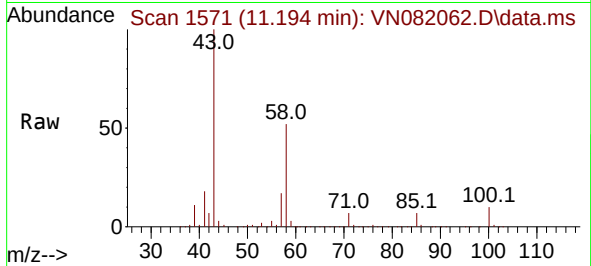
#59
2-Hexanone
Concen: 265.634 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 621089
Ion Ratio Lower Upper
43 100
58 51.9 28.3 84.9

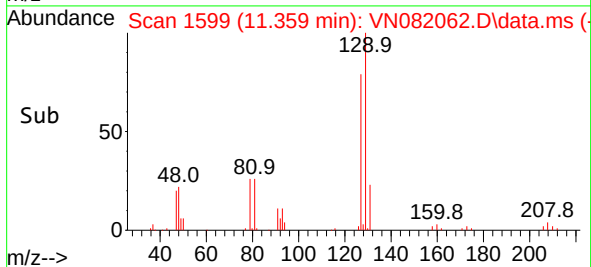
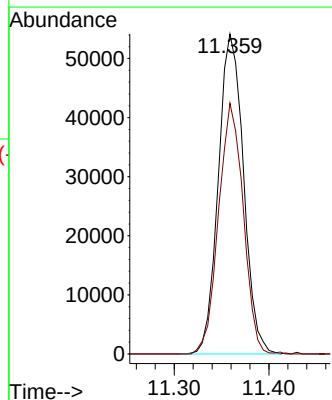
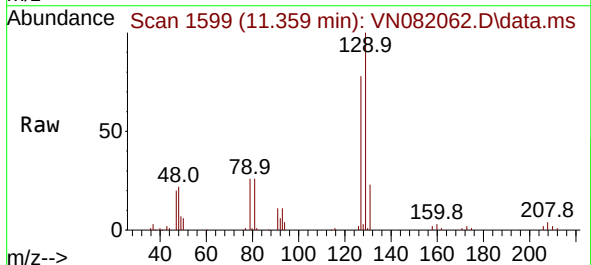
Manual Integrations
APPROVED

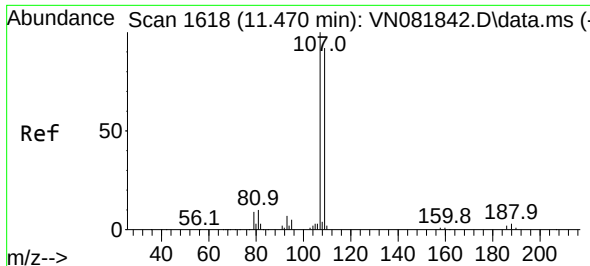
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#60
Dibromochloromethane
Concen: 48.641 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

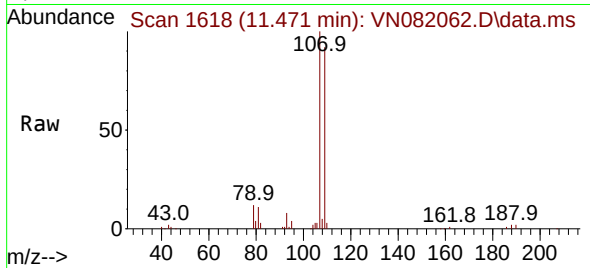
Tgt Ion:129 Resp: 99994
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8





#61
1,2-Dibromoethane
Concen: 50.656 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

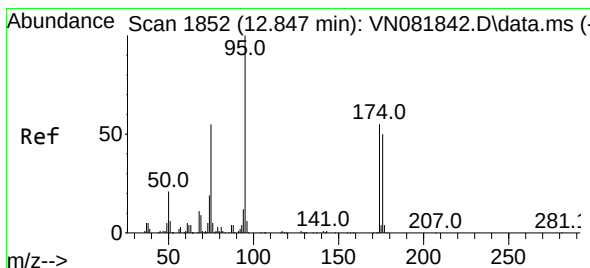
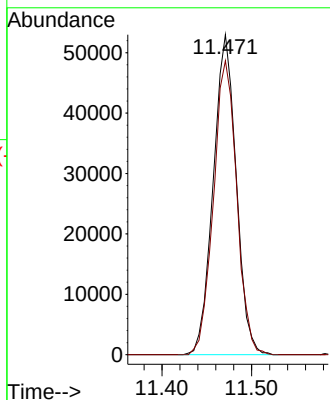
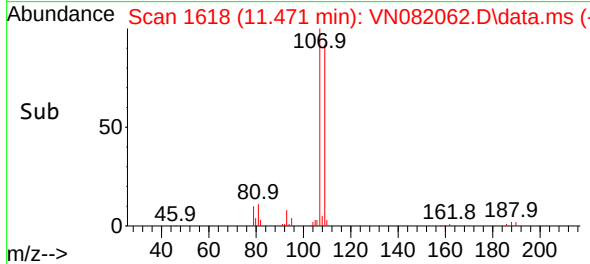
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



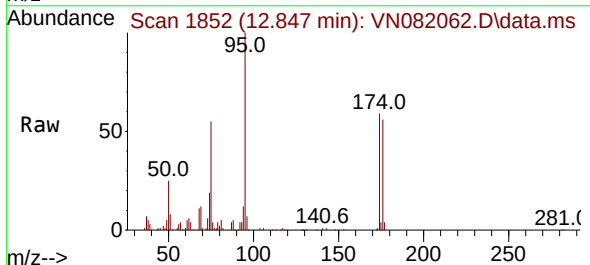
Tgt Ion: 107 Resp: 94024
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.6

Manual Integrations
APPROVED

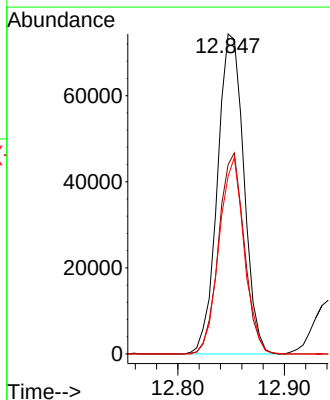
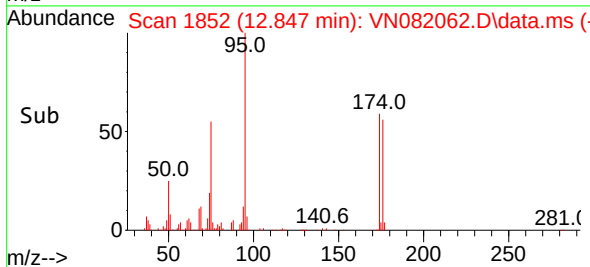
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

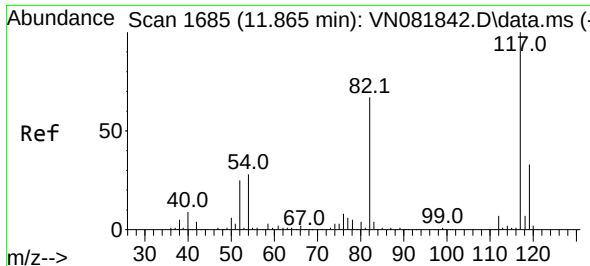


#62
4-Bromofluorobenzene
Concen: 48.833 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



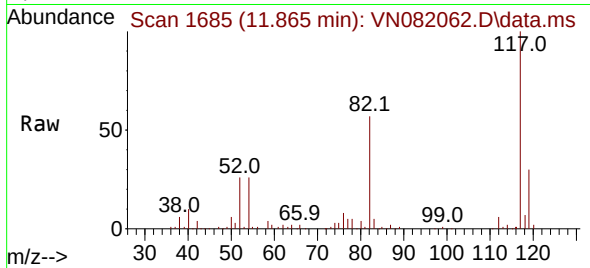
Tgt Ion: 95 Resp: 127933
Ion Ratio Lower Upper
95 100
174 60.8 0.0 160.6
176 58.6 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

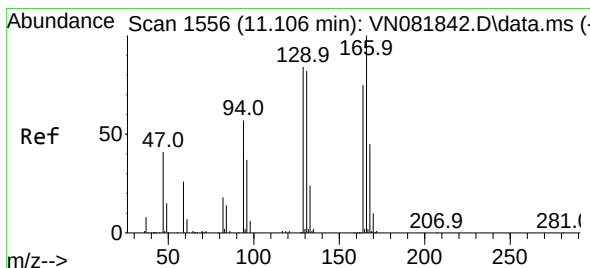
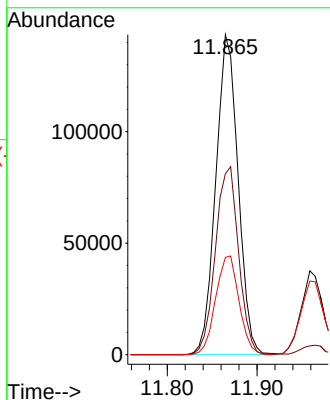
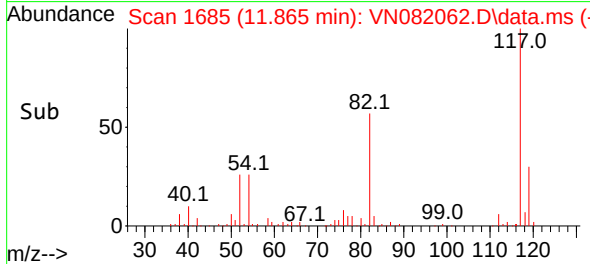
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



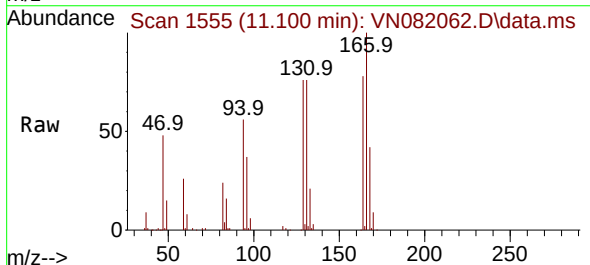
Tgt Ion:117 Resp: 247925
Ion Ratio Lower Upper
117 100
82 56.6 44.6 66.8
119 30.4 25.9 38.9

Manual Integrations
APPROVED

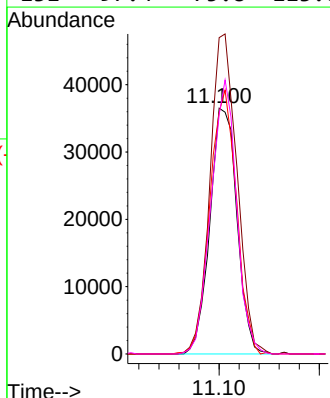
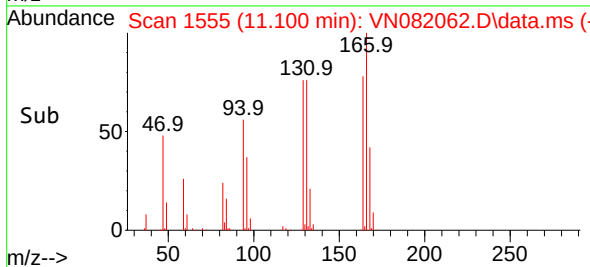
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

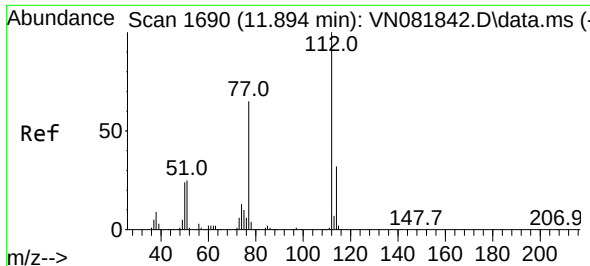


#64
Tetrachloroethene
Concen: 37.816 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



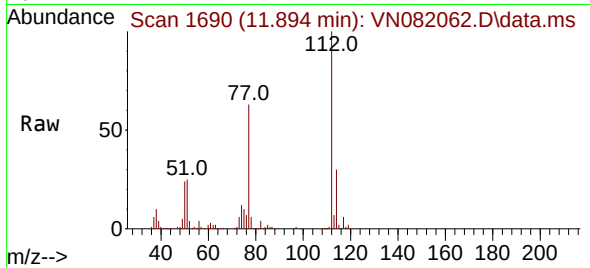
Tgt Ion:164 Resp: 68094
Ion Ratio Lower Upper
164 100
166 128.7 97.6 146.4
129 98.4 73.7 110.5
131 97.4 75.8 113.6





#65
Chlorobenzene
Concen: 50.116 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

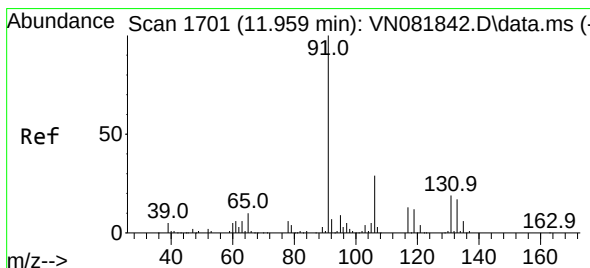
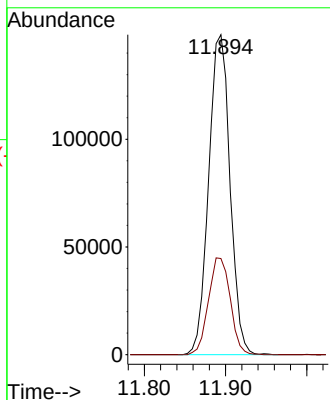
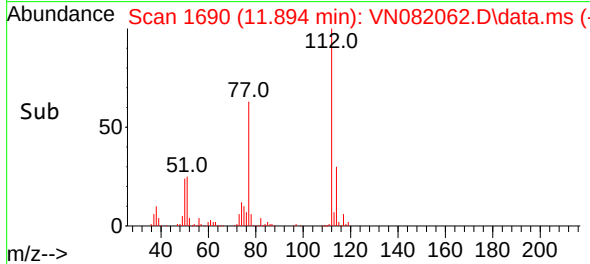
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 271335
Ion Ratio Lower Upper
112 100
114 30.1 25.7 38.5

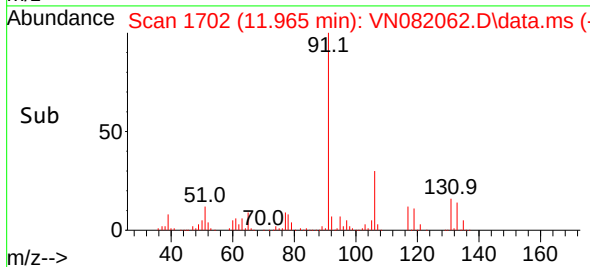
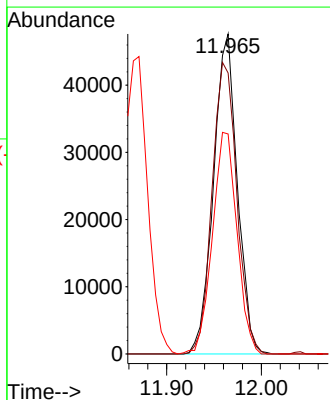
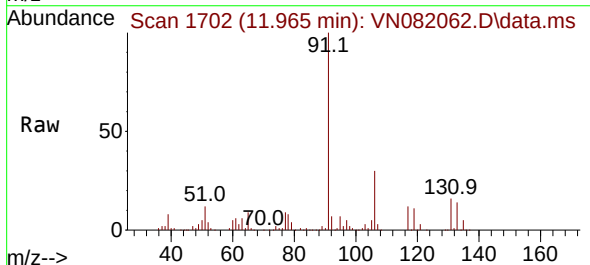
Manual Integrations
APPROVED

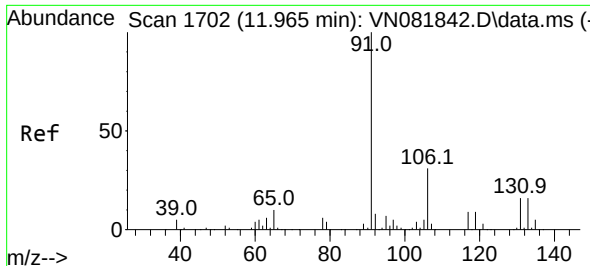
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.411 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

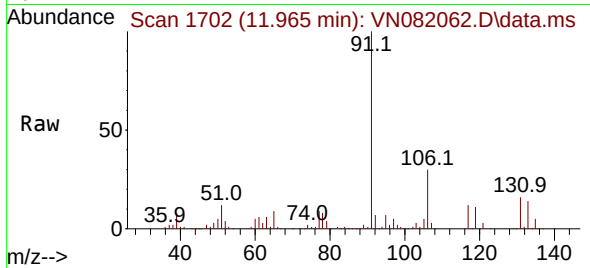
Tgt Ion:131 Resp: 83423
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 71.2 32.9 98.7





#67
Ethyl Benzene
Concen: 49.532 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

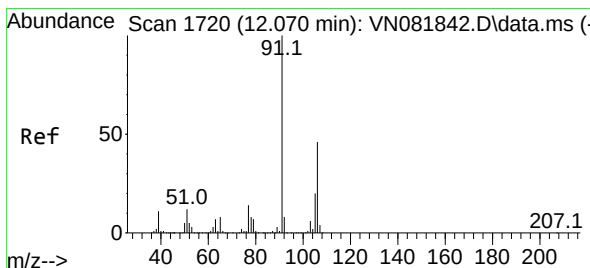
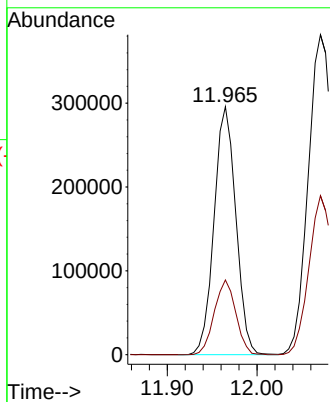
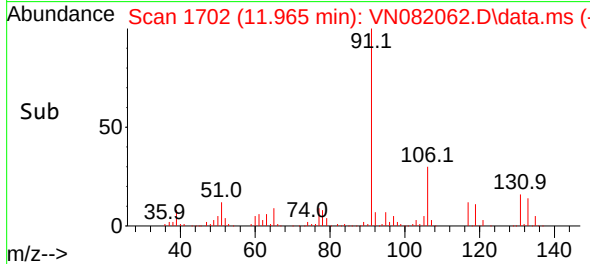
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



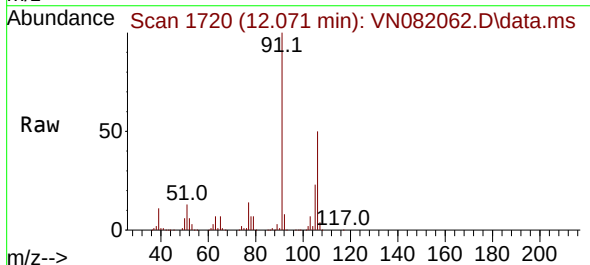
Tgt Ion: 91 Resp: 498728
Ion Ratio Lower Upper
91 100
106 30.1 25.3 37.9

Manual Integrations
APPROVED

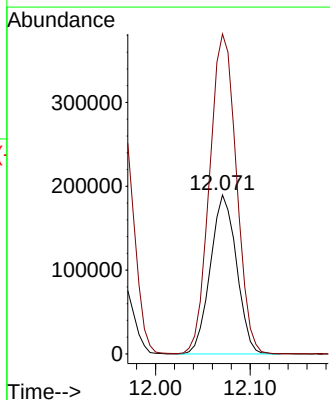
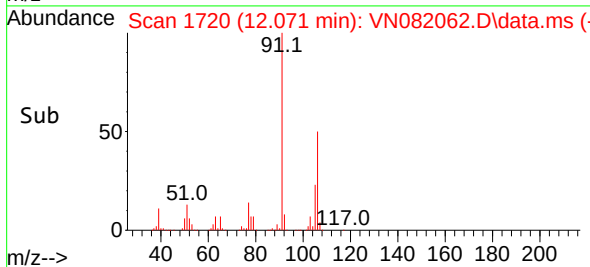
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

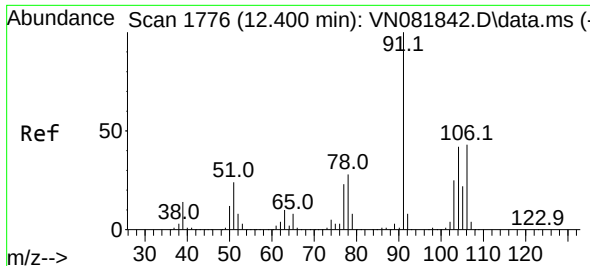


#68
m/p-Xylenes
Concen: 101.387 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



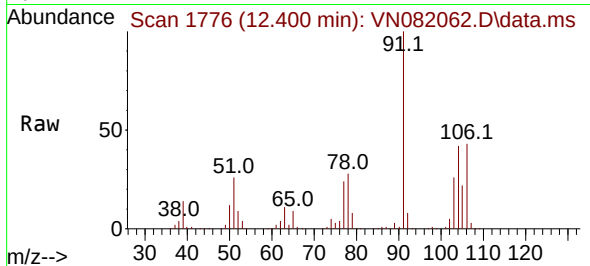
Tgt Ion:106 Resp: 364135
Ion Ratio Lower Upper
106 100
91 206.3 159.4 239.0





#69
o-Xylene
Concen: 50.290 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

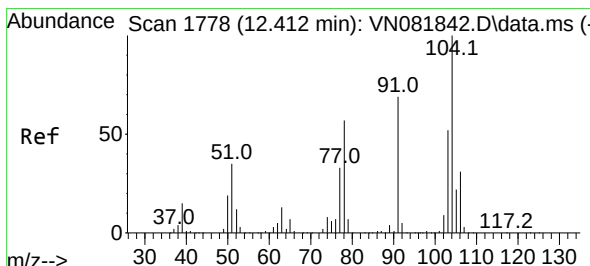
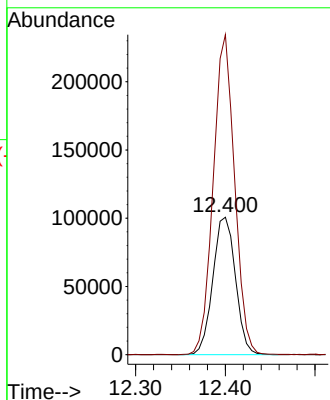
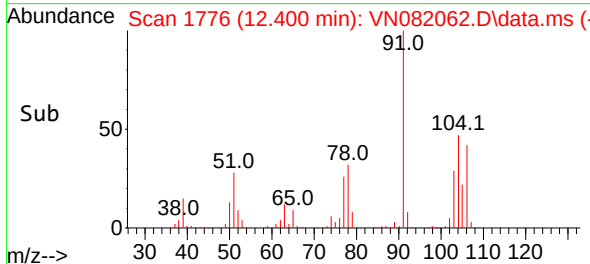
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 176338
Ion Ratio Lower Upper
106 100
91 220.2 104.7 314.1

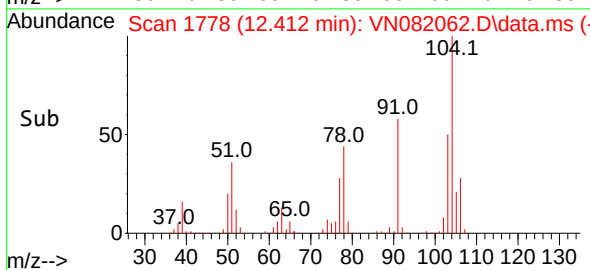
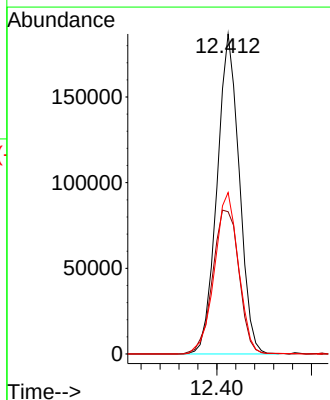
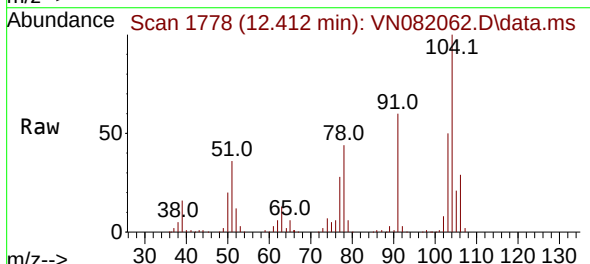
Manual Integrations
APPROVED

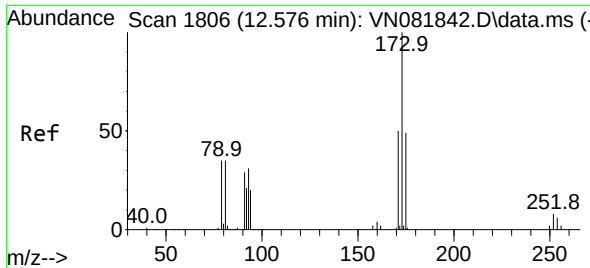
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#70
Styrene
Concen: 50.245 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

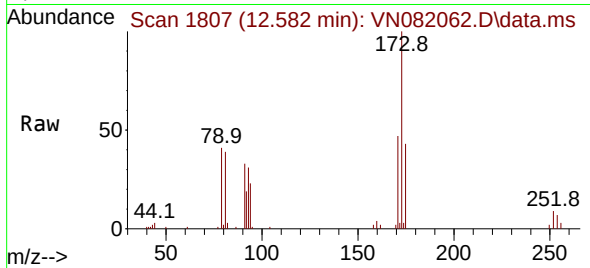
Tgt Ion:104 Resp: 304772
Ion Ratio Lower Upper
104 100
78 53.1 38.6 58.0
103 54.1 43.8 65.6





#71
Bromoform
Concen: 41.221 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

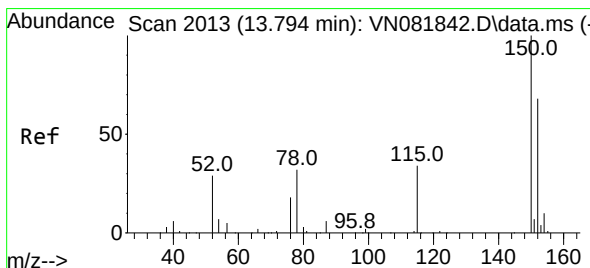
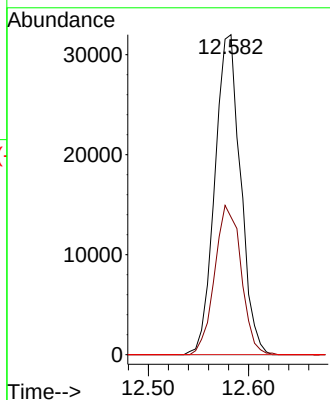
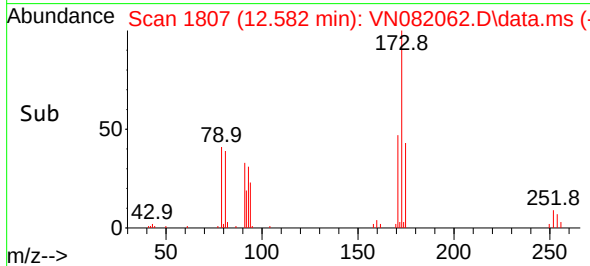
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5702
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0

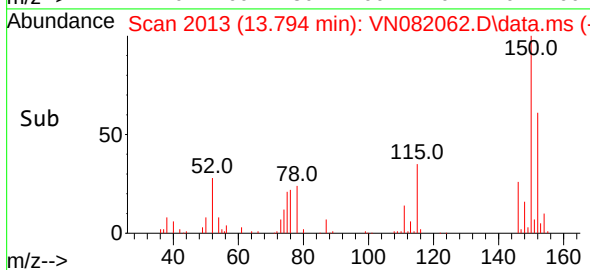
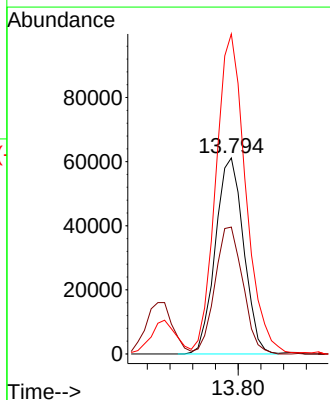
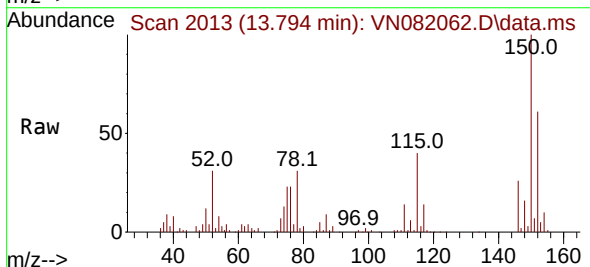
Manual Integrations
APPROVED

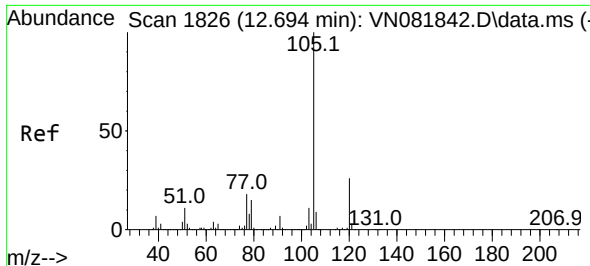
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

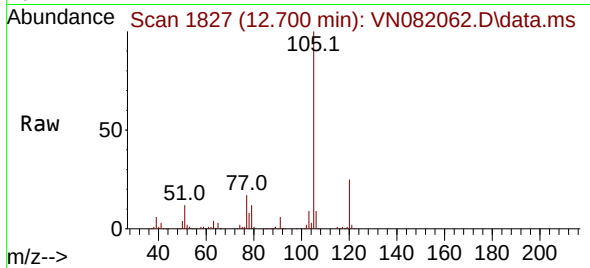
Tgt Ion:152 Resp: 105627
Ion Ratio Lower Upper
152 100
115 64.0 30.4 91.3
150 171.1 0.0 353.2





#73
Isopropylbenzene
Concen: 48.736 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

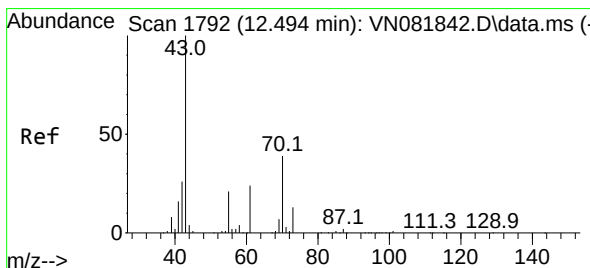
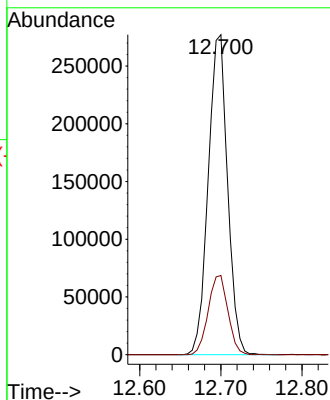
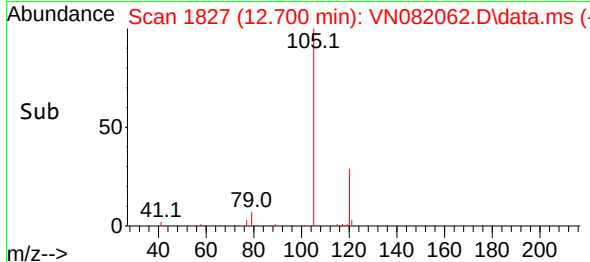
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 457688
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

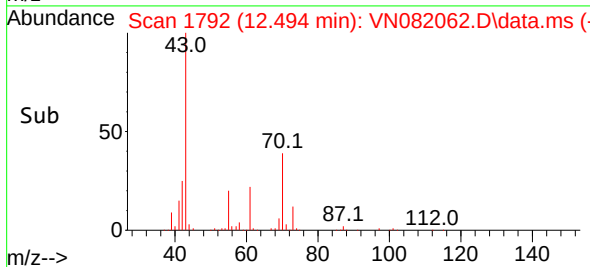
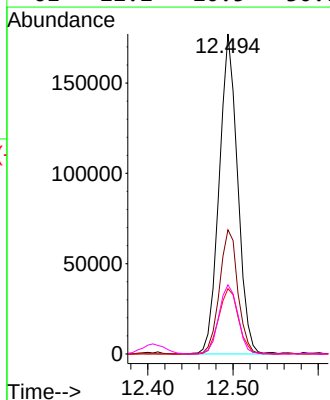
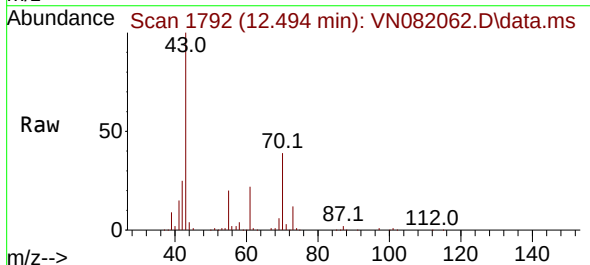
Manual Integrations
APPROVED

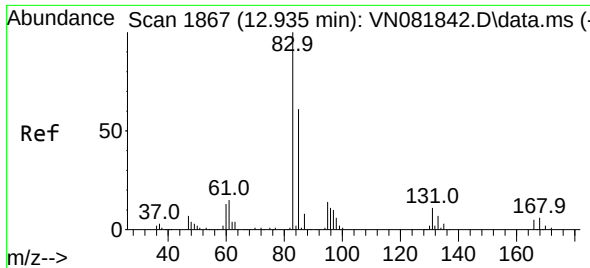
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#74
N-ethyl acetate
Concen: 51.035 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

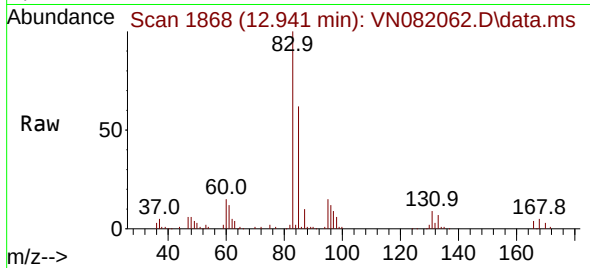
Tgt Ion: 43 Resp: 266840
Ion Ratio Lower Upper
43 100
70 38.6 39.0 58.4#
55 21.9 21.3 31.9
61 22.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.316 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

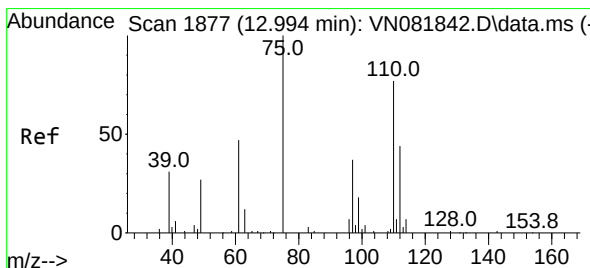
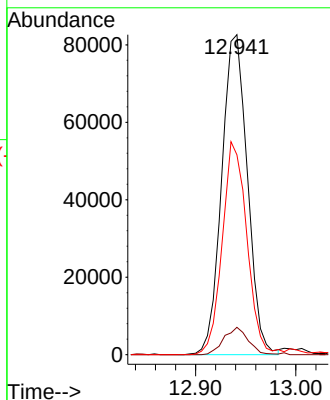
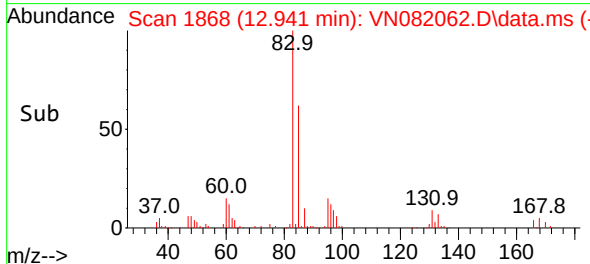
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 147539
Ion Ratio Lower Upper
83 100
131 8.1 5.5 16.4
85 63.7 32.9 98.6

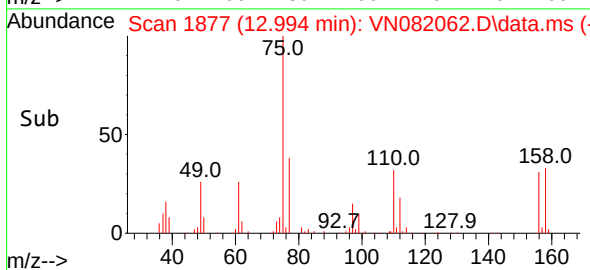
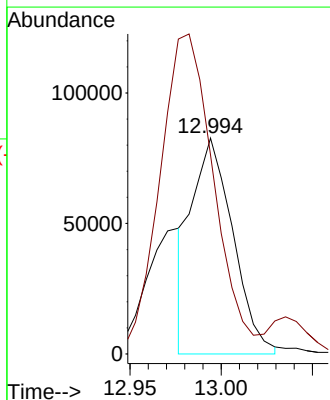
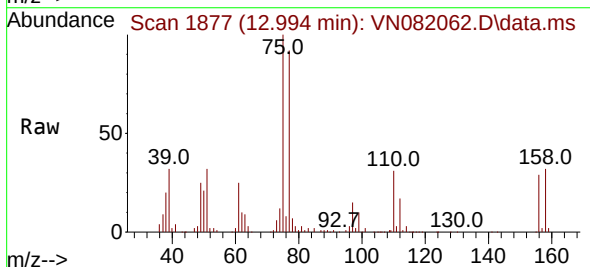
Manual Integrations
APPROVED

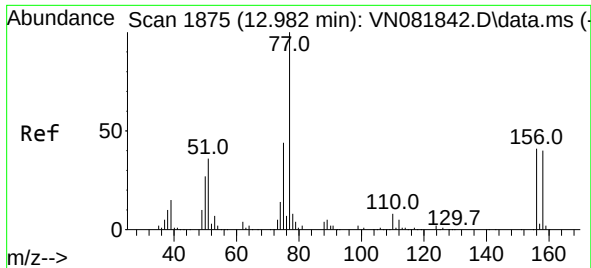
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#76
1,2,3-Trichloropropane
Concen: 47.292 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Tgt Ion: 75 Resp: 129517
Ion Ratio Lower Upper
75 100
77 194.5 90.5 271.3





#77
Bromobenzene
Concen: 45.607 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

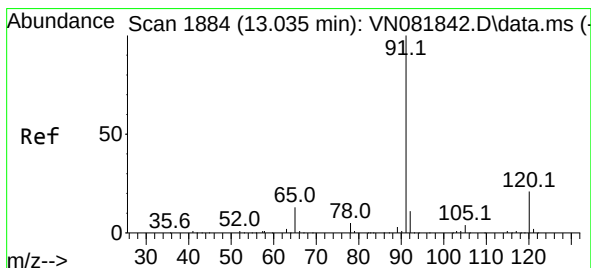
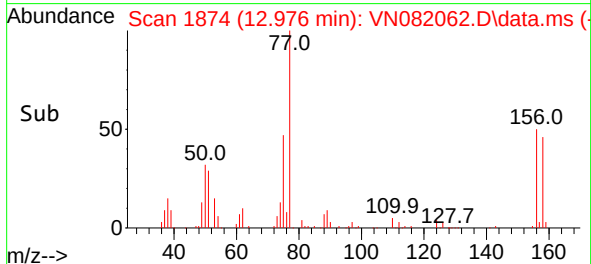
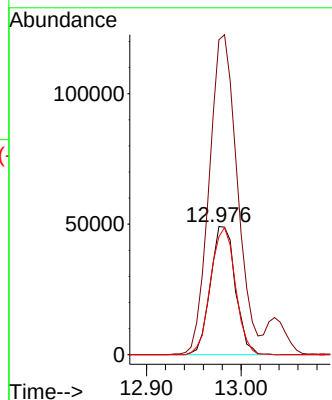
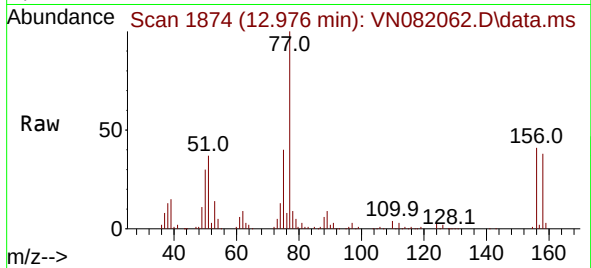
Tgt Ion:156 Resp: 8962
Ion Ratio Lower Upper
156 100
77 281.1 100.2 300.6
158 98.7 49.1 147.3

Manual Integrations

APPROVED

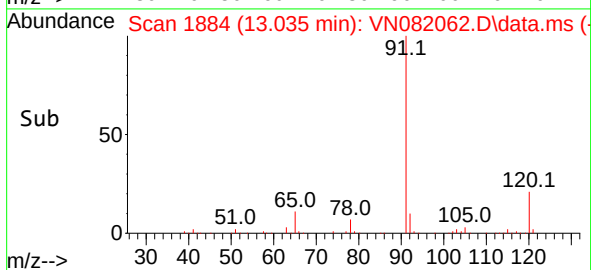
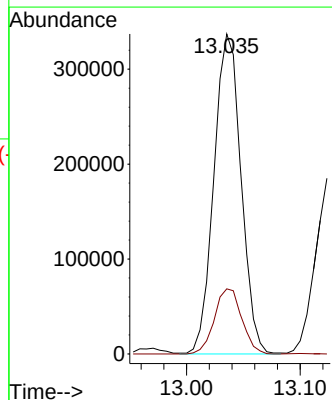
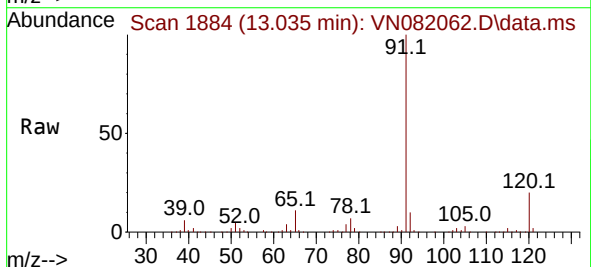
Reviewed By :John Carlone 05/10/2024

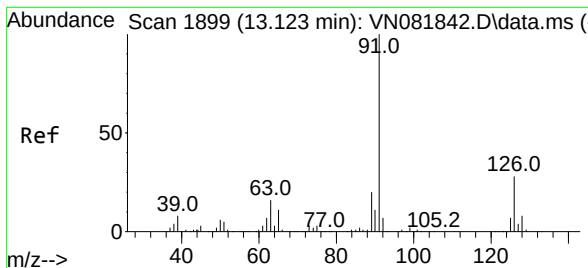
Supervised By :Mahesh Dadoda 05/10/2024



#78
n-propylbenzene
Concen: 49.070 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Tgt Ion: 91 Resp: 559761
Ion Ratio Lower Upper
91 100
120 20.5 11.7 35.0





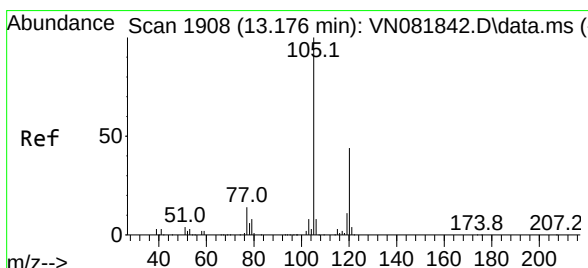
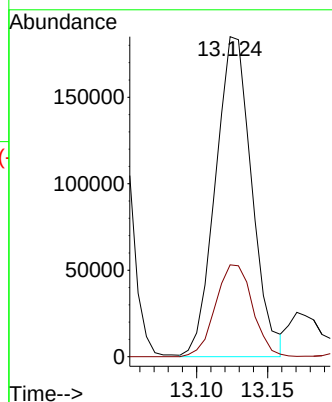
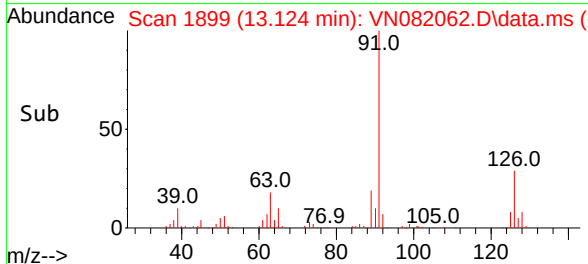
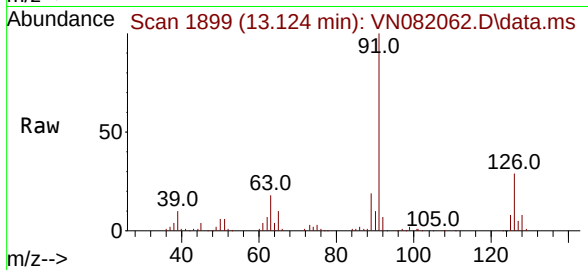
#79
2-Chlorotoluene
Concen: 45.326 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 328962
Ion Ratio Lower Upper
91 100
126 29.3 17.5 52.5

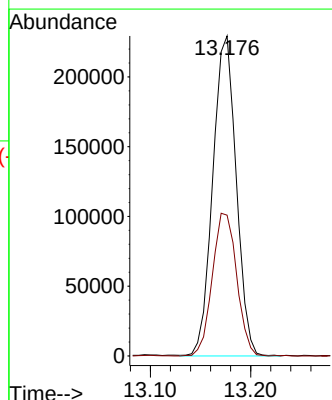
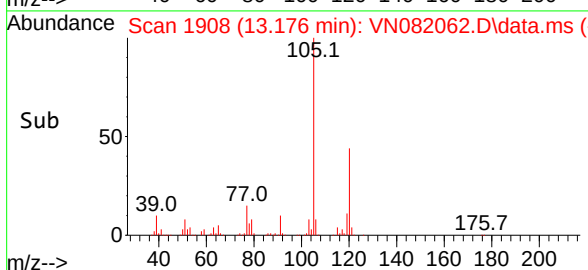
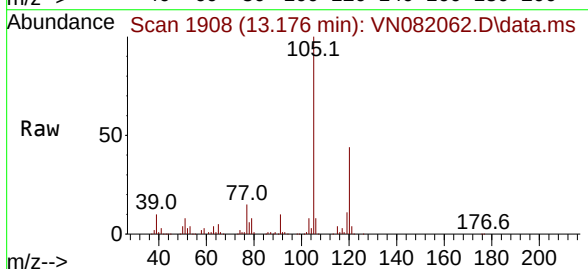
Manual Integrations
APPROVED

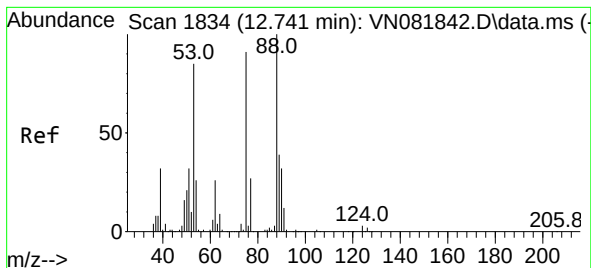
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 46.760 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

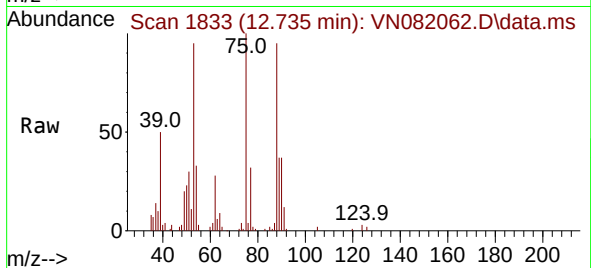
Tgt Ion:105 Resp: 371601
Ion Ratio Lower Upper
105 100
120 46.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.546 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

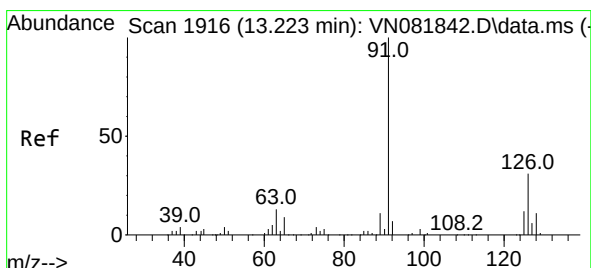
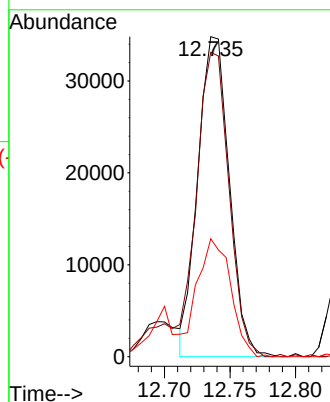
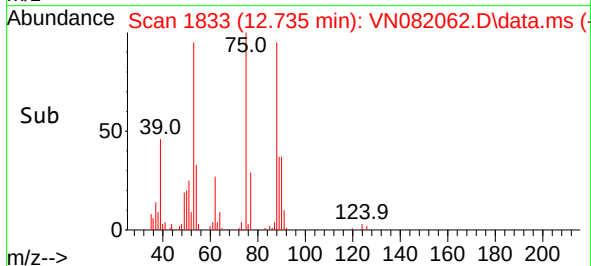
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 58199
Ion Ratio Lower Upper
75 100
53 108.4 72.9 109.3
89 39.1 39.1 58.7

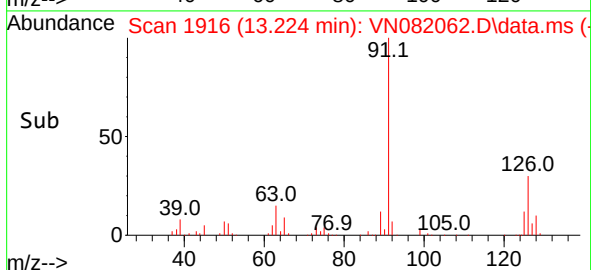
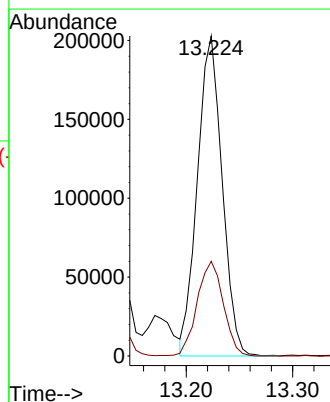
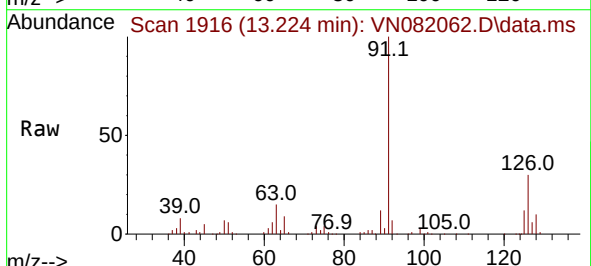
Manual Integrations
APPROVED

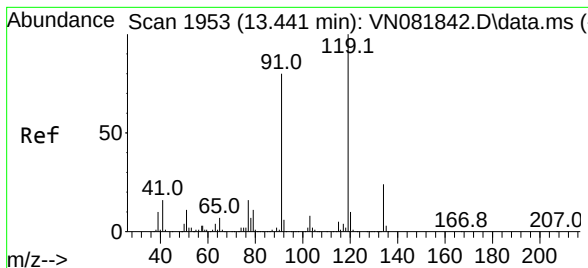
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#82
4-Chlorotoluene
Concen: 46.553 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

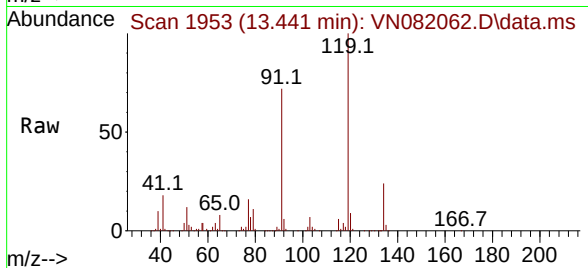
Tgt Ion: 91 Resp: 328022
Ion Ratio Lower Upper
91 100
126 31.2 17.4 52.3





#83
tert-Butylbenzene
Concen: 46.982 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

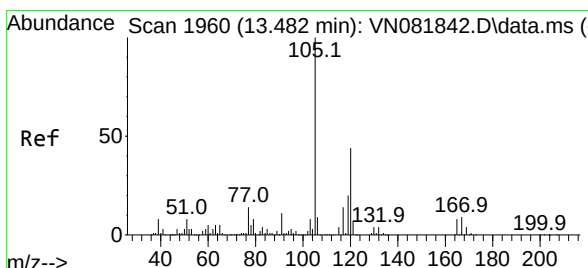
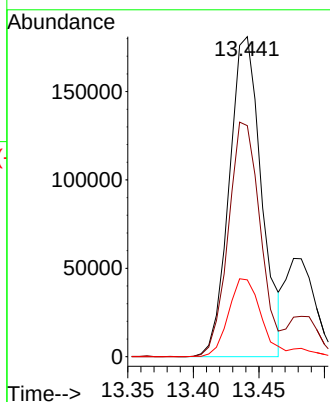
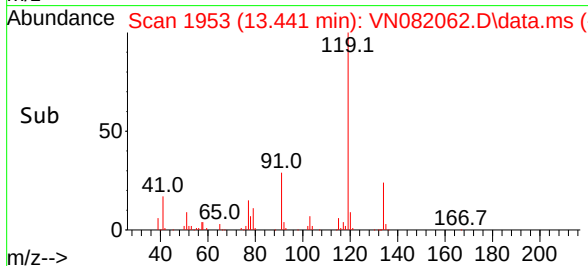
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



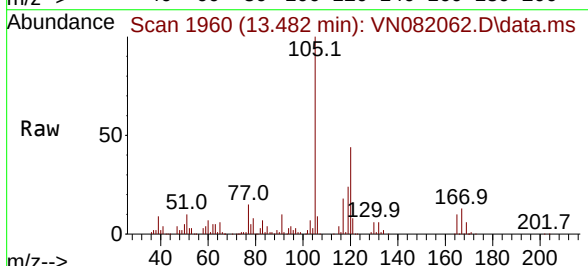
Tgt Ion:119 Resp: 31092
Ion Ratio Lower Upper
119 100
91 72.2 32.6 97.8
134 26.3 12.4 37.0

Manual Integrations
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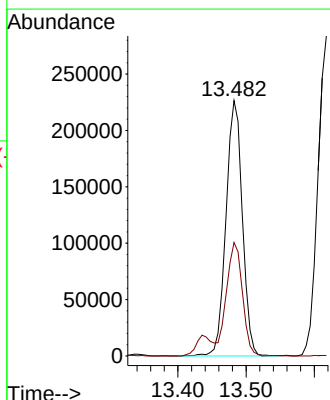
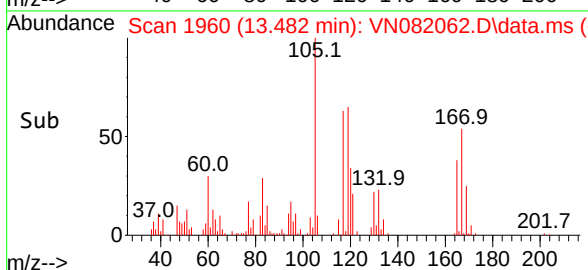
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

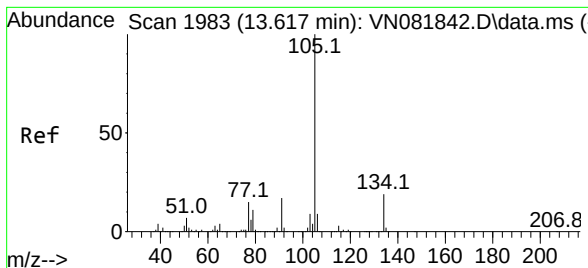


#84
1,2,4-Trimethylbenzene
Concen: 47.708 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



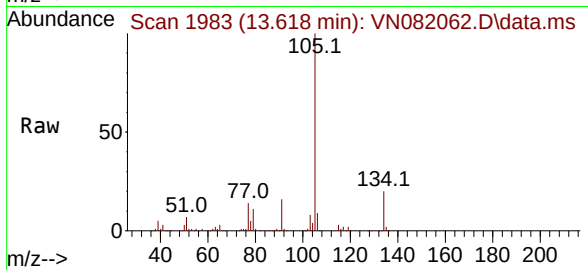
Tgt Ion:105 Resp: 378617
Ion Ratio Lower Upper
105 100
120 43.6 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 49.801 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082062.D
 Acq: 09 May 2024 19:46

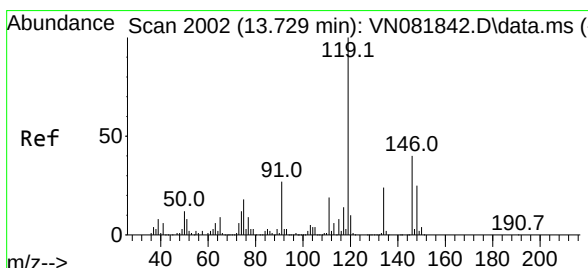
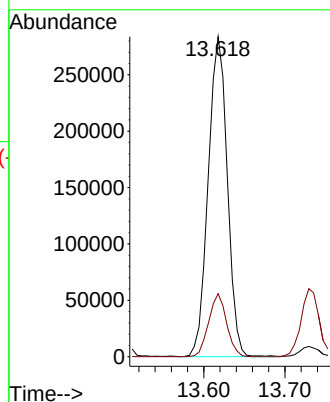
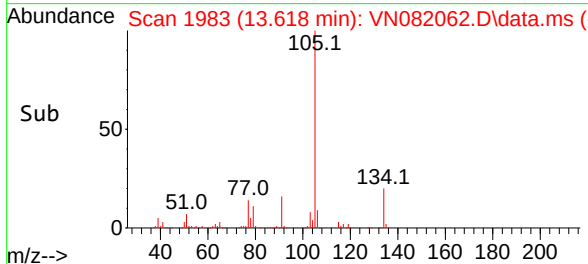
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



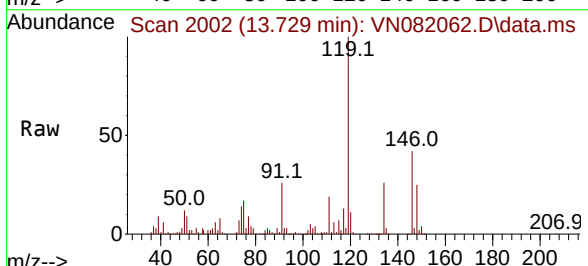
Tgt Ion:105 Resp: 46424
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.2 30.4

Manual Integrations
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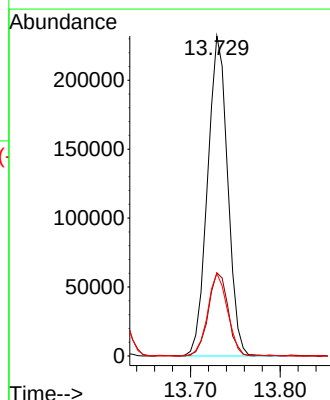
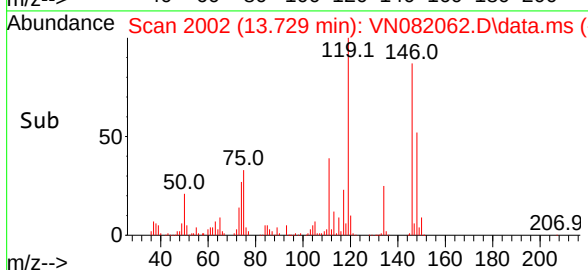
Reviewed By :John Carlone 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

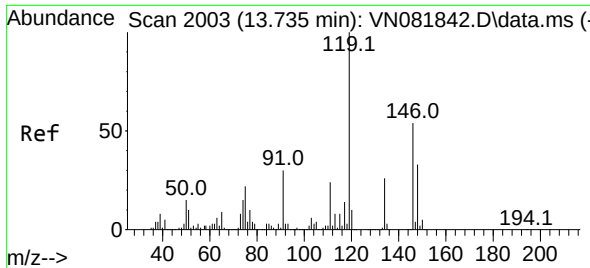


#86
 p-Isopropyltoluene
 Concen: 48.286 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082062.D
 Acq: 09 May 2024 19:46



Tgt Ion:119 Resp: 361419
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 25.4 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 46.205 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

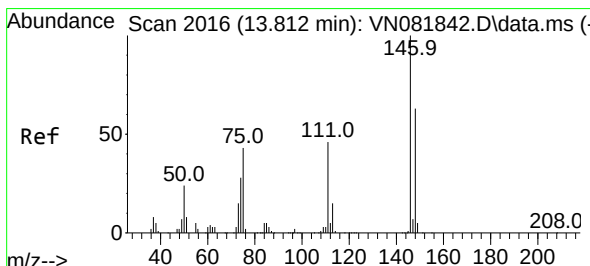
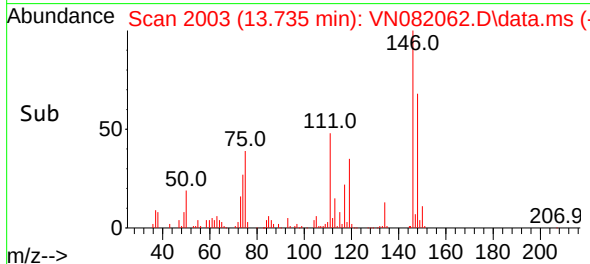
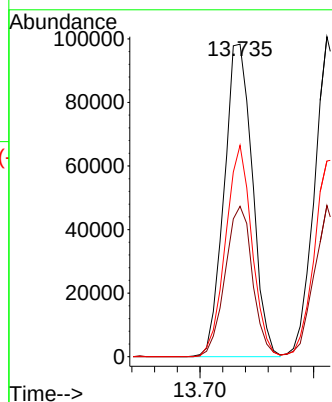
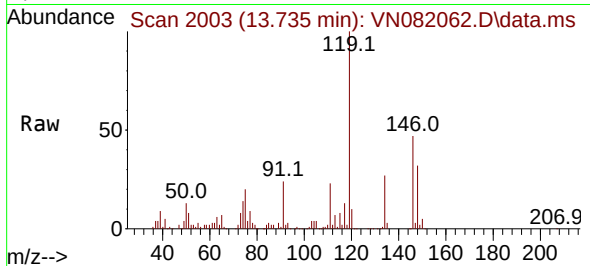
Tgt Ion:146 Resp: 169429
Ion Ratio Lower Upper
146 100
111 46.8 20.8 62.5
148 63.4 32.1 96.3

Manual Integrations

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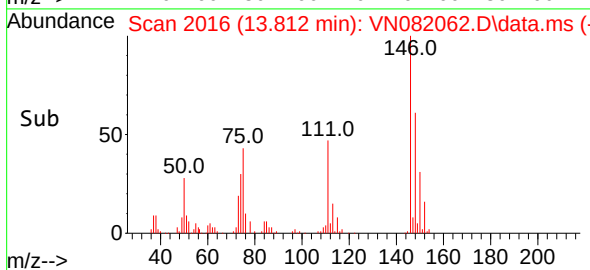
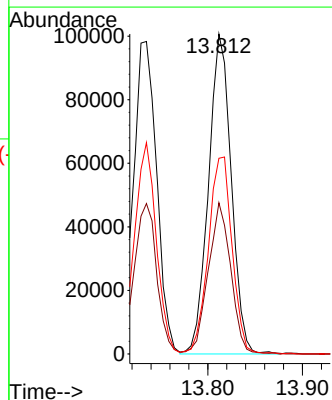
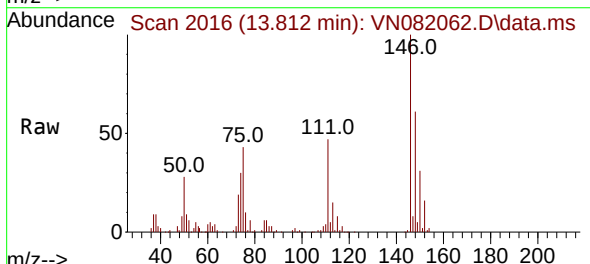
Reviewed By :John Carlone 05/10/2024

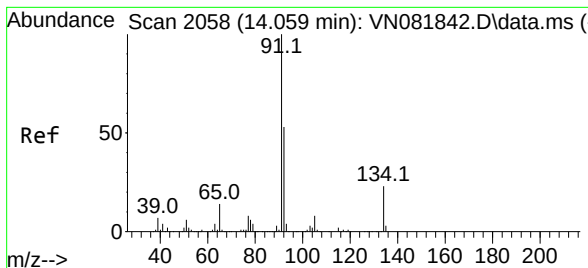
Supervised By :Mahesh Dadoda 05/10/2024



#88
1,4-Dichlorobenzene
Concen: 46.561 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

Tgt Ion:146 Resp: 168130
Ion Ratio Lower Upper
146 100
111 46.8 19.3 57.9
148 64.4 31.3 93.9





#89

n-Butylbenzene

Concen: 49.801 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

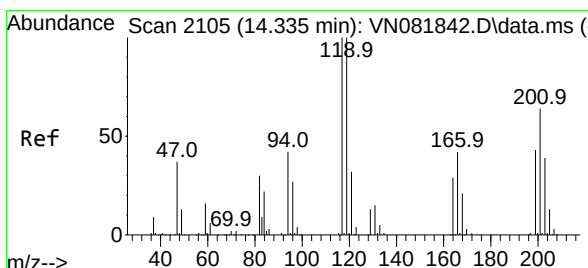
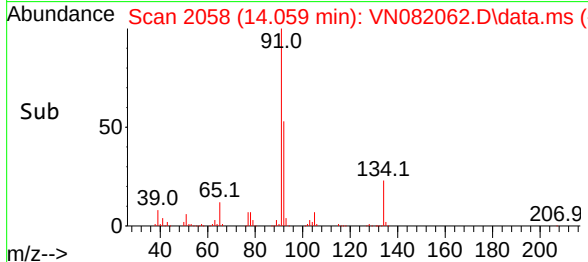
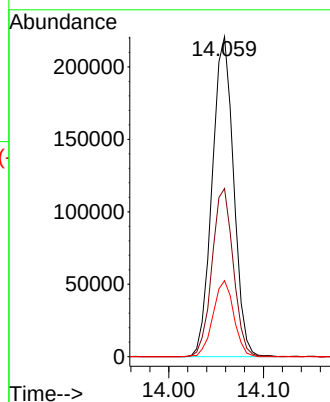
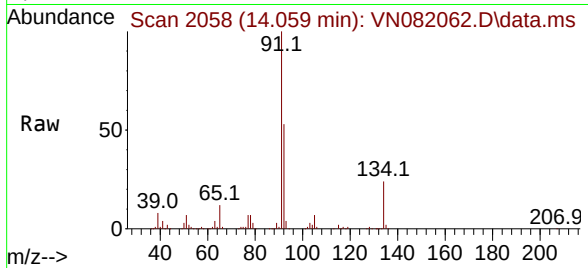
Tgt Ion:	91	Resp:	34696
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.2	78.5
134	23.1	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#90

Hexachloroethane

Concen: 46.444 ug/l

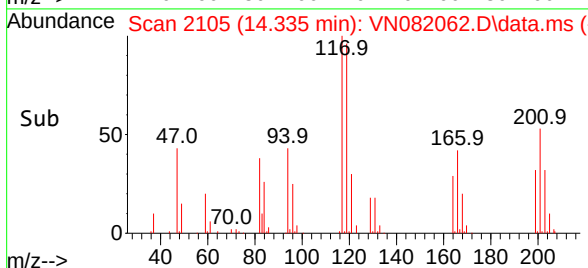
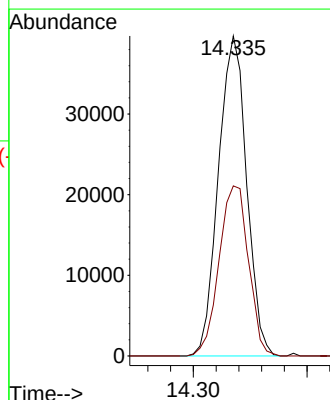
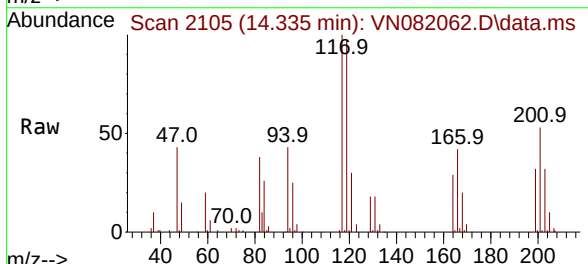
RT: 14.335 min Scan# 2105

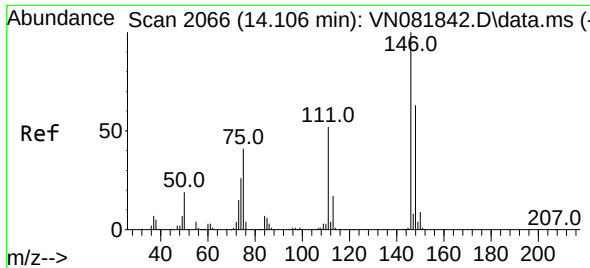
Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

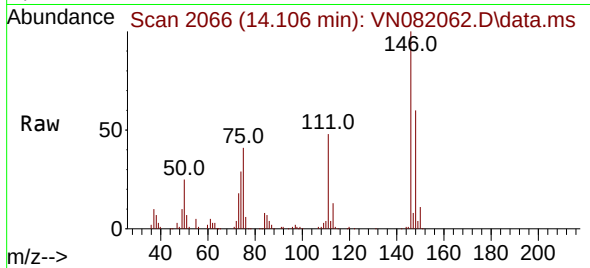
Tgt Ion:	117	Resp:	68386
Ion Ratio	Lower	Upper	
117	100		
201	55.5	33.3	99.8





#91
1,2-Dichlorobenzene
Concen: 46.942 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

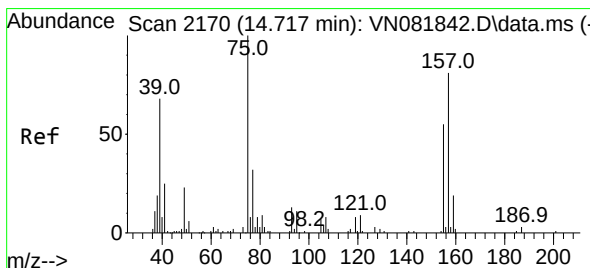
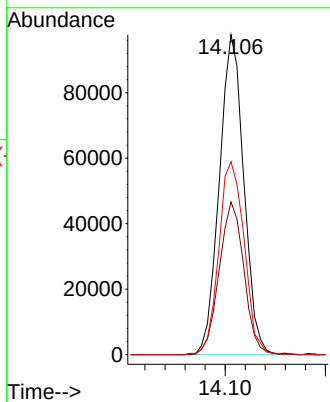
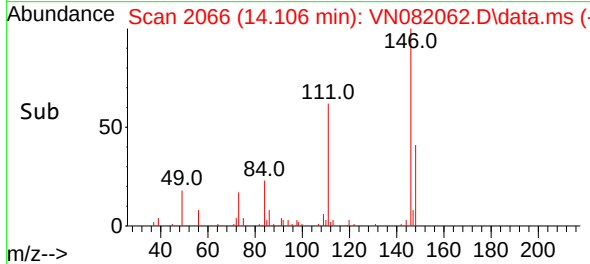
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 16501
Ion Ratio Lower Upper
146 100
111 48.3 21.3 64.0
148 62.7 31.8 95.4

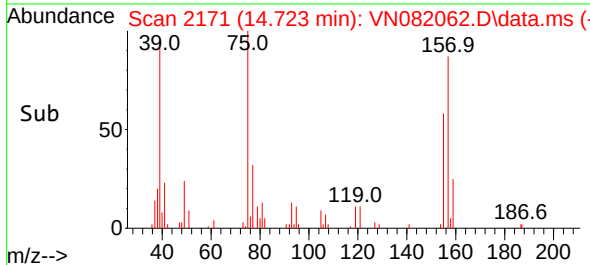
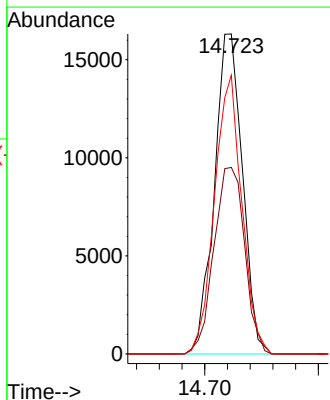
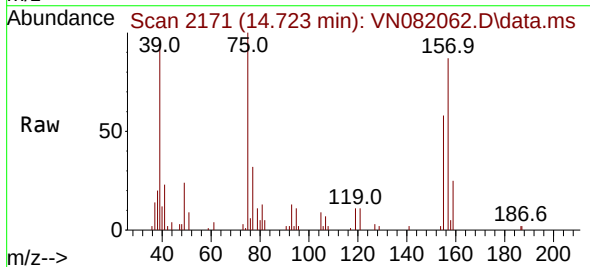
Manual Integrations
APPROVED

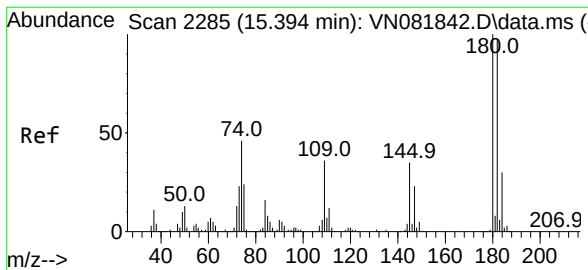
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.761 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

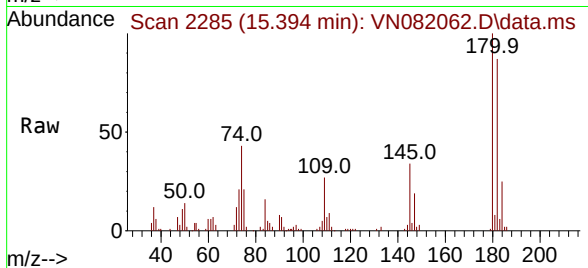
Tgt Ion: 75 Resp: 27986
Ion Ratio Lower Upper
75 100
155 63.9 42.6 128.0
157 84.9 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 41.907 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46

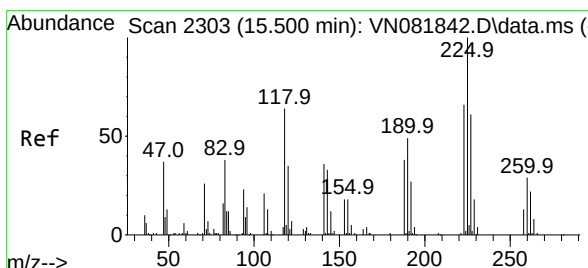
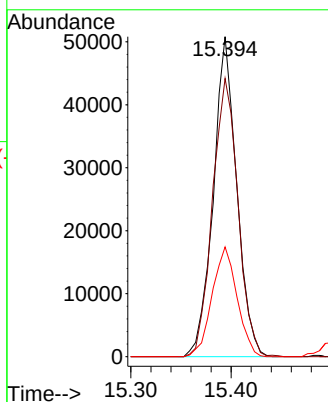
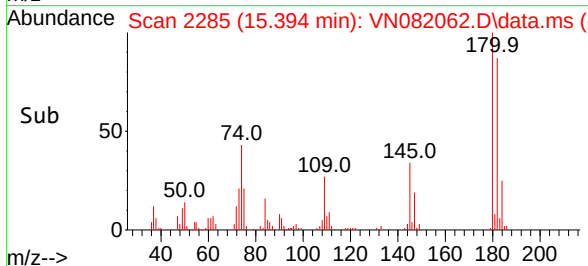
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



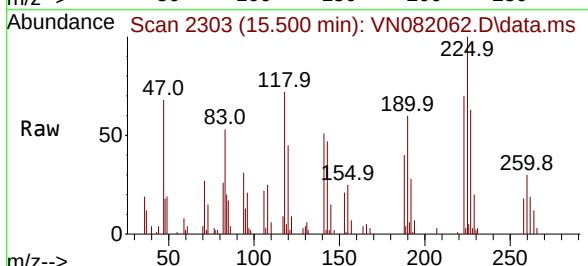
Tgt Ion:180 Resp: 82414
Ion Ratio Lower Upper
180 100
182 94.4 46.7 140.0
145 36.6 16.2 48.6

Manual Integrations
APPROVED

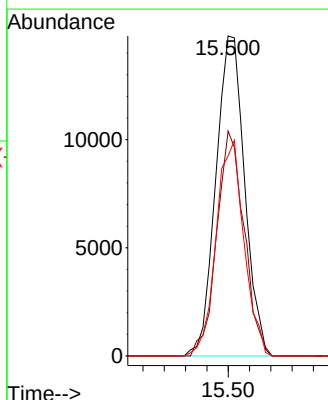
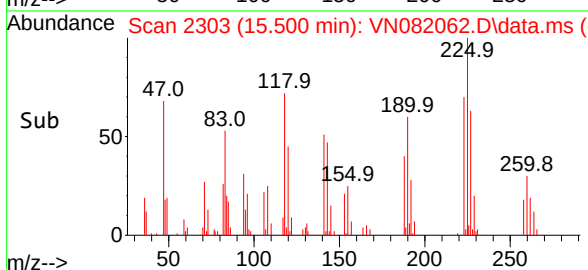
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

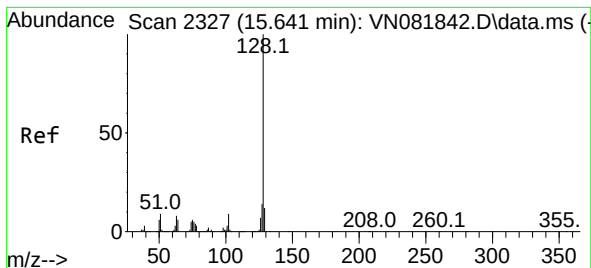


#94
Hexachlorobutadiene
Concen: 38.262 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN082062.D
Acq: 09 May 2024 19:46



Tgt Ion:225 Resp: 27735
Ion Ratio Lower Upper
225 100
223 66.8 31.1 93.2
227 65.2 30.6 91.6





#95

Naphthalene

Concen: 45.627 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 339062

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

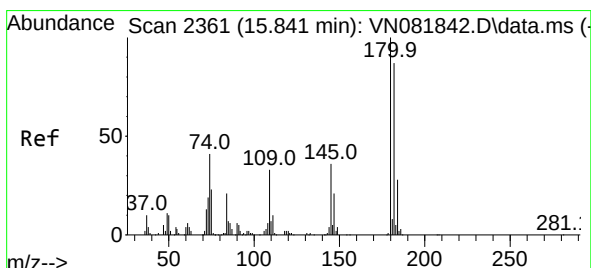
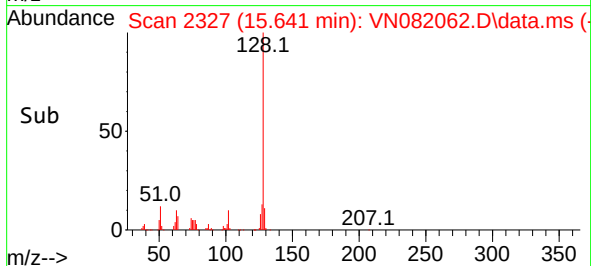
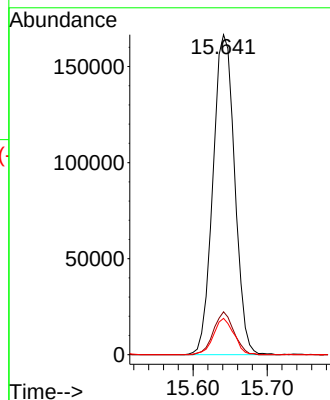
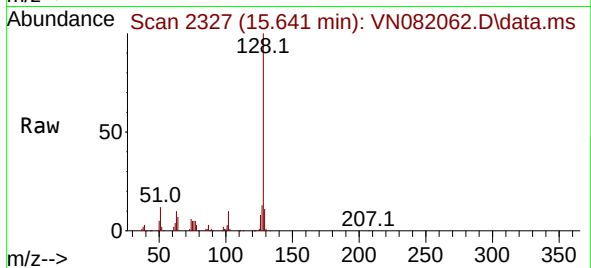
129 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 44.991 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082062.D

Acq: 09 May 2024 19:46

Tgt Ion:180 Resp: 84950

Ion Ratio Lower Upper

180 100

182 92.7 46.0 137.8

145 34.8 17.1 51.3

