

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080995.D
 Acq On : 09 Feb 2024 17:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 02:05:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	73066	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	417507	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	457294	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	168850	30.755	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.500%			
60) 4-Bromofluorobenzene	12.853	95	207111	29.625	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.767%			
63) Toluene-d8	10.571	98	541945	26.408	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 88.033%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	101442	20.419	ug/l	98
3) Chloromethane	2.360	50	104027	20.836	ug/l	98
4) Vinyl Chloride	2.512	62	122955	20.656	ug/l	98
5) Bromomethane	2.965	94	79916	19.988	ug/l	96
6) Chloroethane	3.124	64	82932	21.373	ug/l	99
7) Trichlorofluoromethane	3.495	101	151313	19.304	ug/l	95
8) Diethyl Ether	3.965	74	50883	18.469	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	82710	19.442	ug/l	94
10) 1,1-Dichloroethene	4.342	96	78637	18.860	ug/l	97
11) Methyl Iodide	4.595	142	77458m	17.346	ug/l	
12) Methyl Acetate	5.030	43	70407m	18.634	ug/l	
13) Acrolein	4.183	56	78727	95.545	ug/l	99
14) Acrylonitrile	5.718	53	178978	95.392	ug/l	98
15) Acetone	4.424	58	42365m	98.153	ug/l	
16) Carbon Disulfide	4.718	76	206615	18.056	ug/l	99
17) Allyl chloride	5.024	41	96229	18.376	ug/l	89
18) Methylene Chloride	5.283	84	94222	19.774	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	87618	18.510	ug/l	95
20) Diisopropyl ether	6.671	45	245907	19.538	ug/l	94
21) 1,1-Dichloroethane	6.571	63	156569	19.411	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	104528	19.005	ug/l	96
23) tert-Butyl Alcohol	5.524	59	52118	76.252	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	265053	19.175	ug/l	93
25) Chloroform	7.965	83	176010	19.669	ug/l	97
26) Cyclohexane	8.259	56	112520	18.526	ug/l #	80
29) 1,1-Dichloropropene	8.377	75	125910	20.246	ug/l	99
30) 2-Butanone	7.483	43	220255	96.529	ug/l #	98
31) 2,2-Dichloropropane	7.494	77	139918	19.760	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	156327	19.982	ug/l	99
33) Carbon Tetrachloride	8.365	117	126945	19.259	ug/l	99
34) Benzene	8.606	78	383394	20.174	ug/l	97
35) Methacrylonitrile	7.777	41	52578	19.605	ug/l	92
36) 1,2-Dichloroethane	8.671	62	132407	20.760	ug/l	97
37) Trichloroethene	9.353	130	98008	19.397	ug/l	99
38) Methylcyclohexane	9.606	83	120632	19.437	ug/l	97
39) 1,2-Dichloropropane	9.630	63	90002	19.966	ug/l	98
40) Dibromomethane	9.712	93	67625	19.718	ug/l	94
41) Bromodichloromethane	9.888	83	135956	20.255	ug/l	96
42) Vinyl Acetate	6.606	43	933298	95.625	ug/l	99

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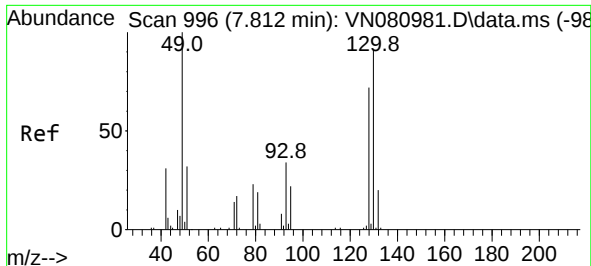
Manual Integrations
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 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 02:05:16 2024
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 QLast Update : Sat Feb 10 01:52:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	93083	19.586	ug/l	97
44) Isopropyl Acetate	8.688	43	170349	19.949	ug/l	94
45) 1,4-Dioxane	9.694	88	25939	320.286	ug/l #	90
46) Methyl methacrylate	9.683	41	76236	19.511	ug/l	85
47) n-amyl Acetate	12.494	43	162234	21.785	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	134472	19.116	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	147348	19.331	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	93543	19.712	ug/l	95
51) Ethyl methacrylate	10.877	69	127818	19.272	ug/l	88
52) 1,3-Dichloropropane	11.165	76	157075	20.045	ug/l	100
53) Dibromochloromethane	11.359	129	112767	21.803	ug/l	98
54) 1,2-Dibromoethane	11.471	107	113805	23.181	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	354908	104.422	ug/l	99
56) Bromoform	12.582	173	76156	23.119	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	500309	84.270	ug/l	93
59) 2-Hexanone	11.200	43	360389	82.533	ug/l	93
61) Tetrachloroethene	11.106	164	87334	16.719	ug/l	96
62) Toluene	10.635	91	419343	16.740	ug/l	100
64) Chlorobenzene	11.894	112	292886	19.090	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	112030	19.686	ug/l	96
66) Ethyl Benzene	11.965	91	492052	18.682	ug/l	95
67) m/p-Xylenes	12.077	106	397482	38.428	ug/l	92
68) o-Xylene	12.400	106	197962	19.530	ug/l	93
69) Styrene	12.418	104	331642	19.873	ug/l	94
70) Isopropylbenzene	12.700	105	484897	19.629	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	139282	18.285	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	107704m	18.062	ug/l	
73) Bromobenzene	12.982	156	114846	18.695	ug/l	90
74) n-propylbenzene	13.041	91	476332	16.966	ug/l	96
75) 2-Chlorotoluene	13.129	91	293593	16.846	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	341539	16.897	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	35826	15.877	ug/l	95
78) 4-Chlorotoluene	13.224	91	292909	16.780	ug/l	95
79) tert-butylbenzene	13.441	119	274400	16.354	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	339952	16.880	ug/l	100
81) sec-Butylbenzene	13.618	105	389844	16.592	ug/l	99
82) p-Isopropyltoluene	13.735	119	321976	16.323	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	183716	16.628	ug/l	95
84) 1,4-Dichlorobenzene	13.818	146	182095	16.419	ug/l	98
85) n-Butylbenzene	14.059	91	271568	16.685	ug/l	100
86) Hexachloroethane	14.335	117	48596	15.619	ug/l	85
87) 1,2-Dichlorobenzene	14.112	146	179547	16.691	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.729	75	22022	16.017	ug/l	97
89) 1,2,4-Trichlorobenzene	15.847	180	86437	16.425	ug/l	97
90) Hexachlorobutadiene	15.506	225	38446	16.652	ug/l	96
91) Naphthalene	15.647	128	294487	15.760	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	86437	16.425	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



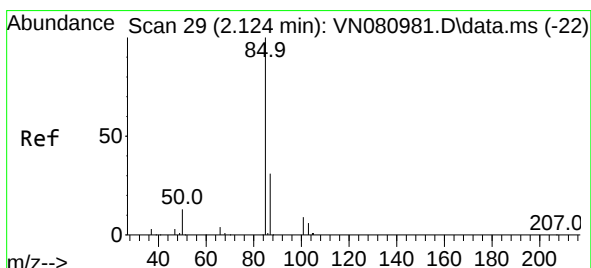
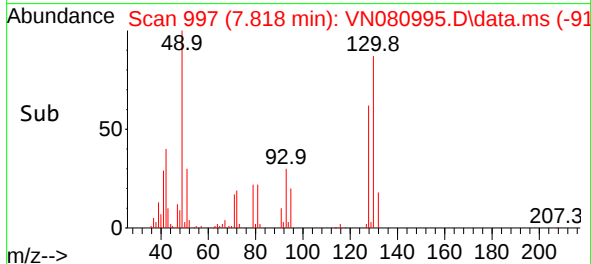
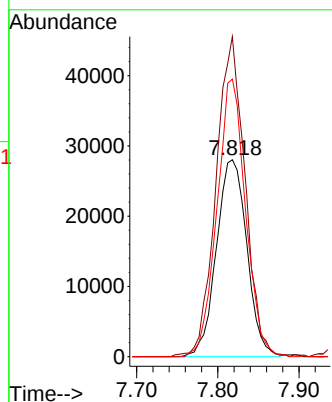
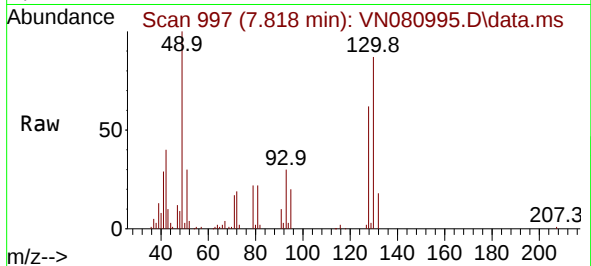
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 7306
Ion Ratio Lower Upper
128 100
49 154.3 0.0 403.7
130 132.3 0.0 323.3

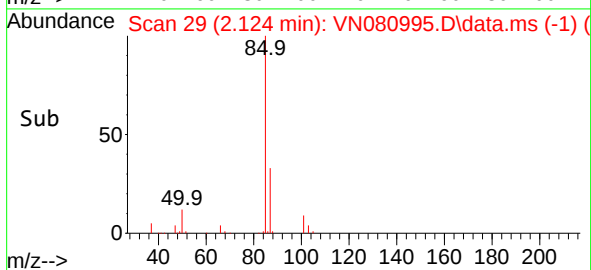
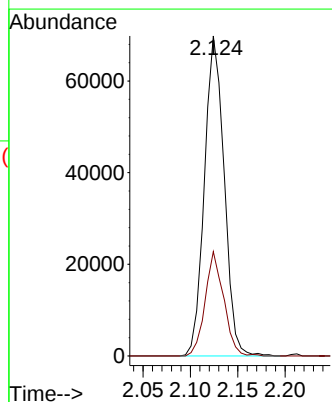
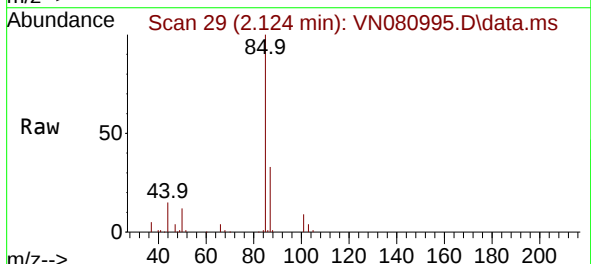
Manual Integrations
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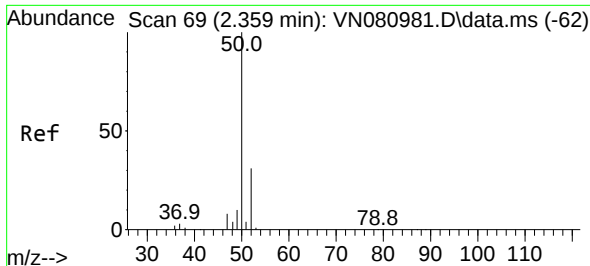
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 20.419 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion: 85 Resp: 101442
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.3





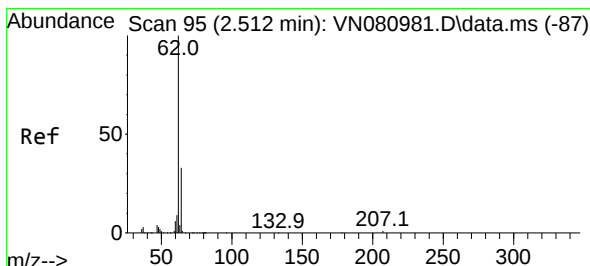
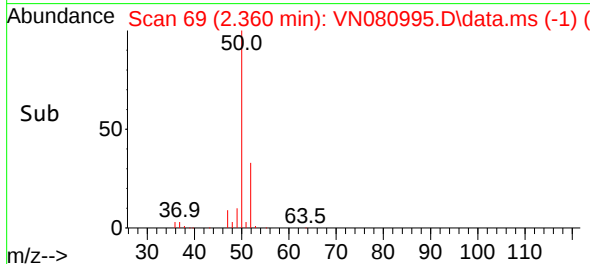
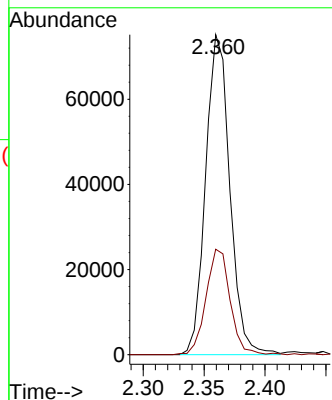
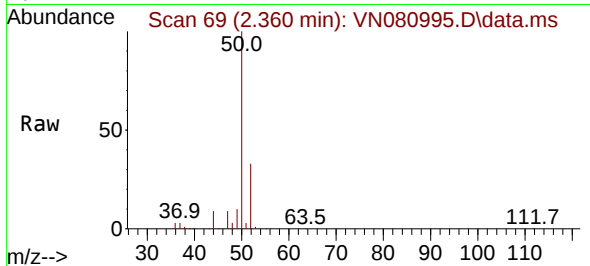
#3
Chloromethane
Concen: 20.836 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 10402
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

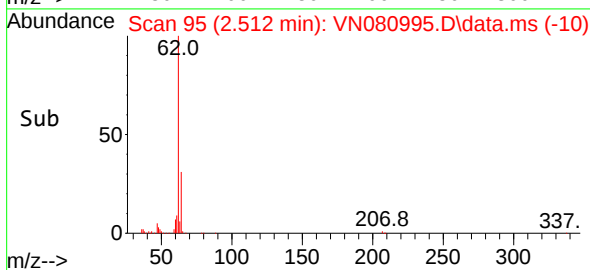
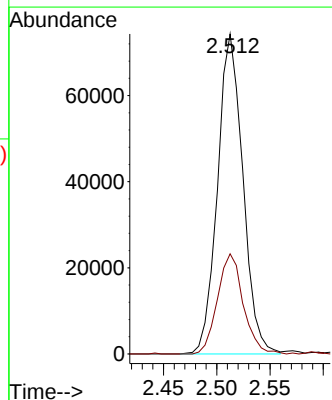
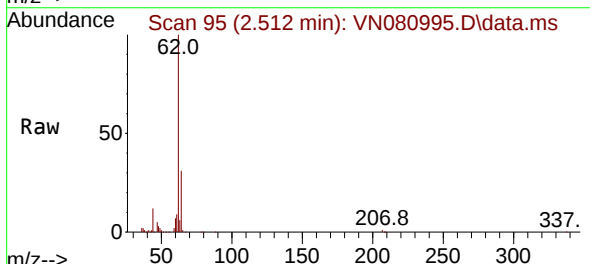
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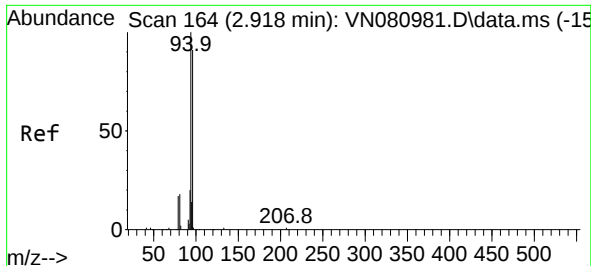
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#4
Vinyl Chloride
Concen: 20.656 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

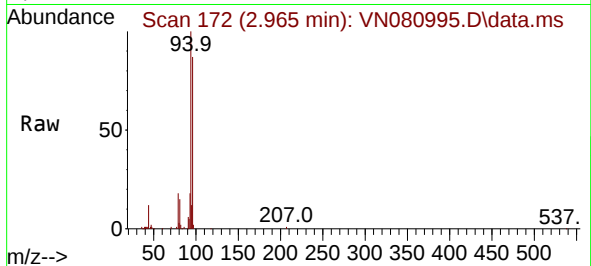
Tgt Ion: 62 Resp: 122955
Ion Ratio Lower Upper
62 100
64 31.3 24.1 36.1





#5
Bromomethane
Concen: 19.988 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

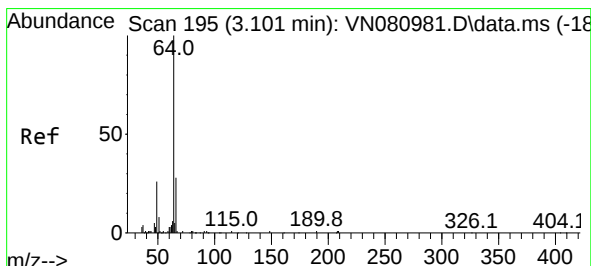
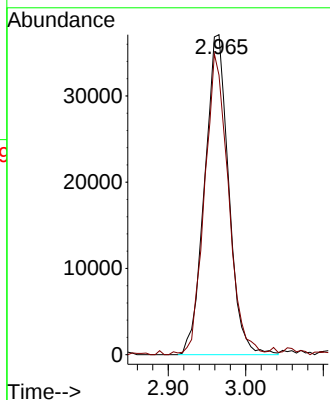
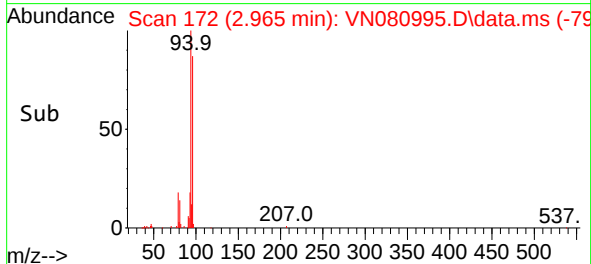
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 79910
Ion Ratio Lower Upper
94 100
96 86.8 72.8 109.2

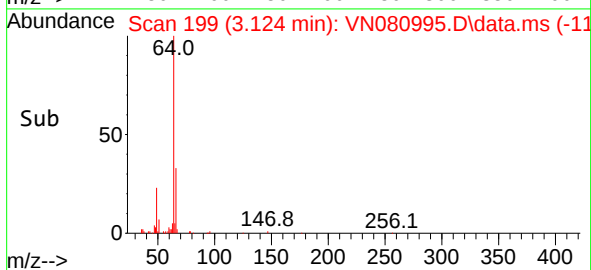
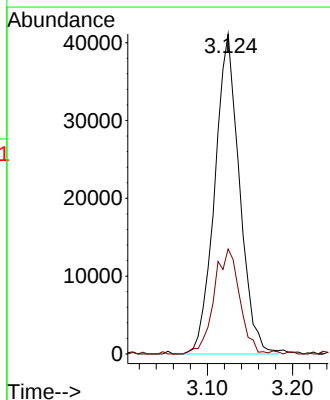
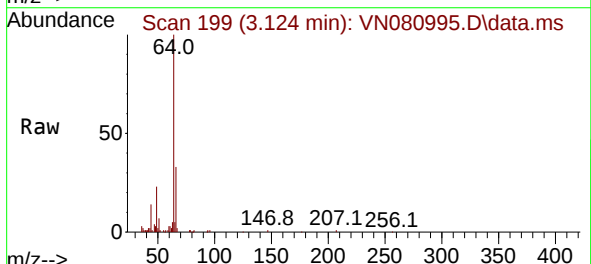
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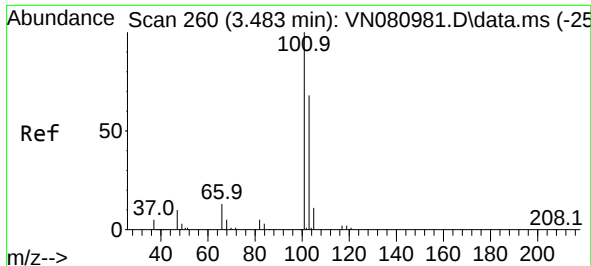
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 21.373 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.024 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

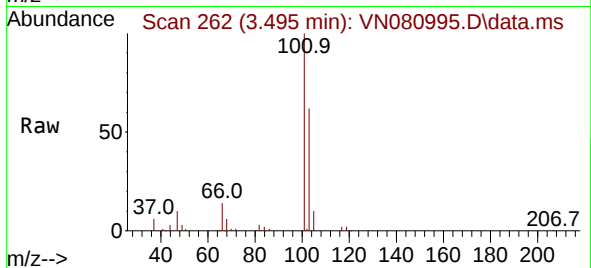
Tgt Ion: 64 Resp: 82932
Ion Ratio Lower Upper
64 100
66 32.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 19.304 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

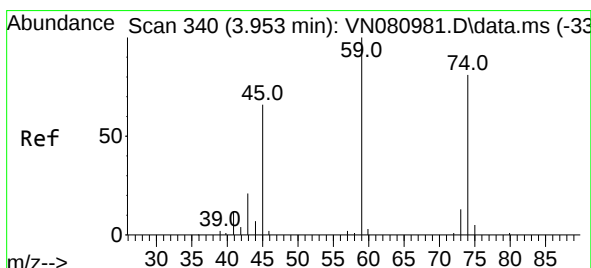
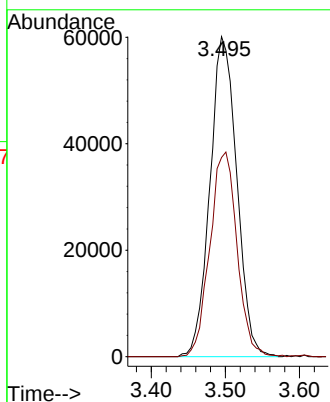
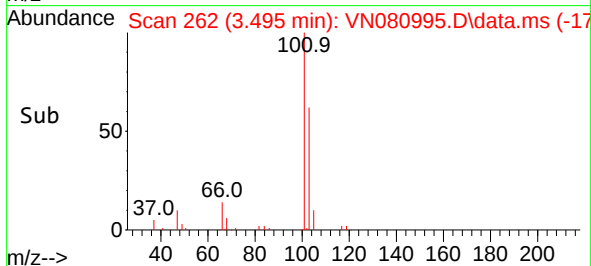
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Tgt Ion:101 Resp: 15131
Ion Ratio Lower Upper
101 100
103 62.3 53.0 79.4

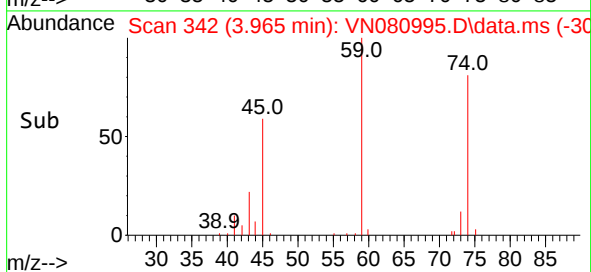
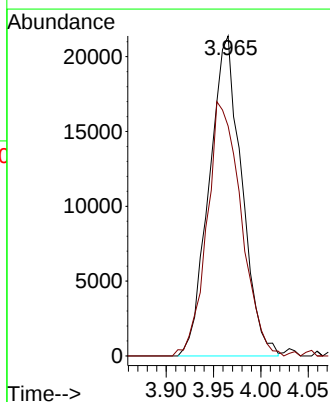
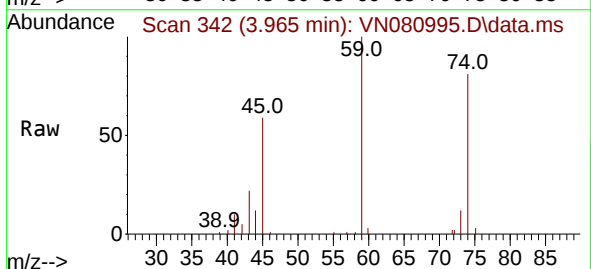
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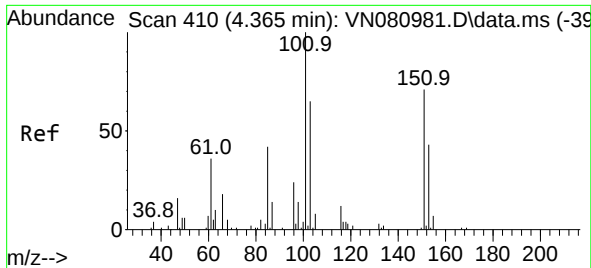
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#8
Diethyl Ether
Concen: 18.469 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion: 74 Resp: 50883
Ion Ratio Lower Upper
74 100
45 83.6 16.4 147.4





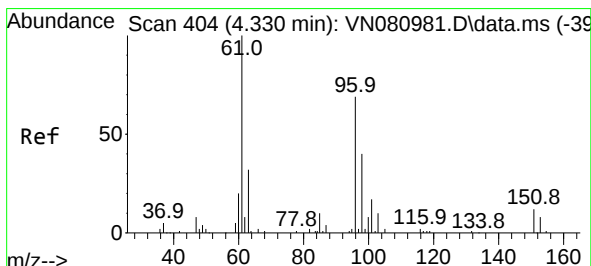
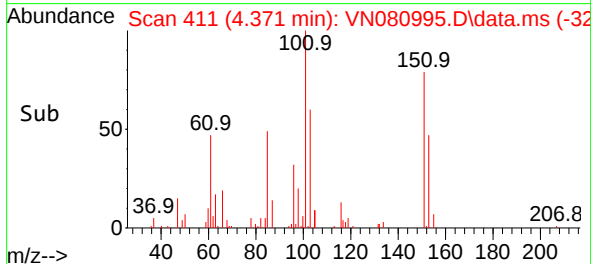
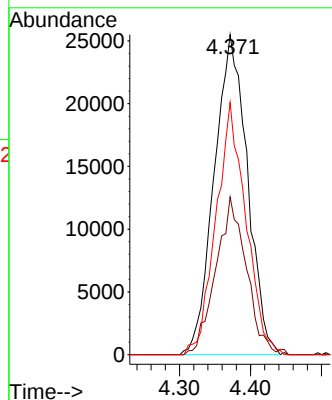
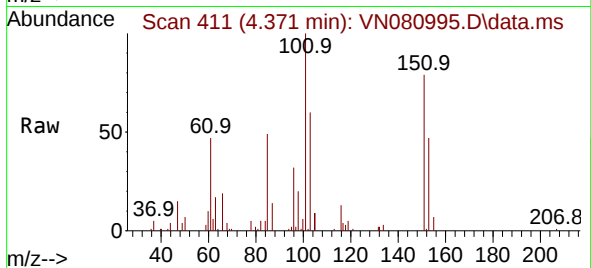
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1,1,2-Trichlorotrifluoroethane
Concen: 19.442 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 82710
Ion Ratio Lower Upper
101 100
85 45.1 0.0 90.6
151 71.0 0.0 157.6

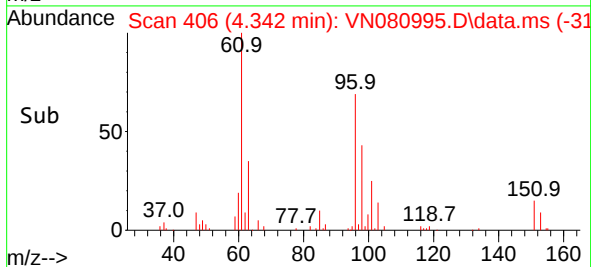
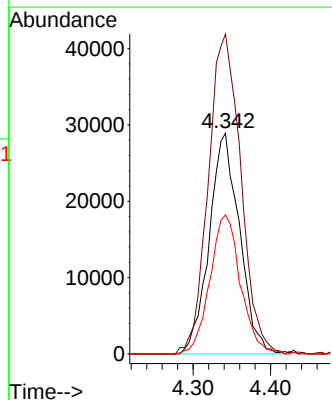
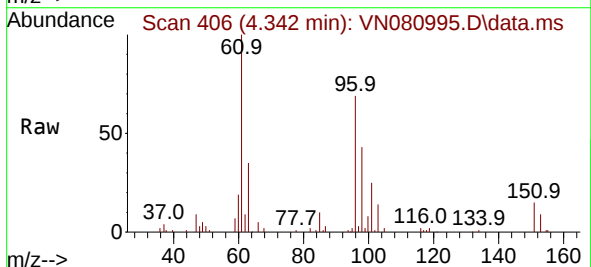
Manual Integrations
APPROVED

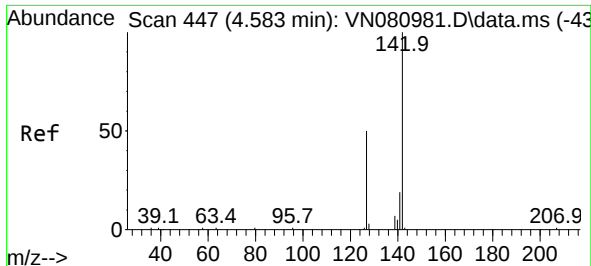
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
1,1-Dichloroethene
Concen: 18.860 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

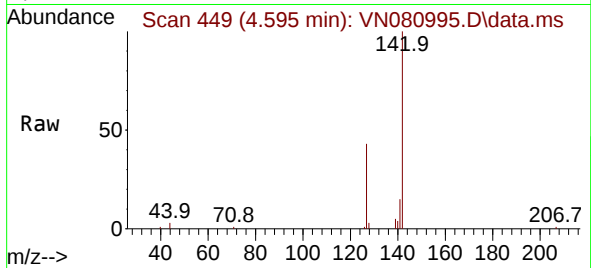
Tgt Ion: 96 Resp: 78637
Ion Ratio Lower Upper
96 100
61 142.8 117.6 176.4
98 62.5 48.4 72.6





#11
Methyl Iodide
Concen: 17.346 ug/l m
RT: 4.595 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

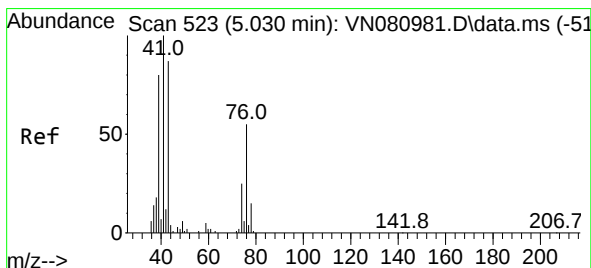
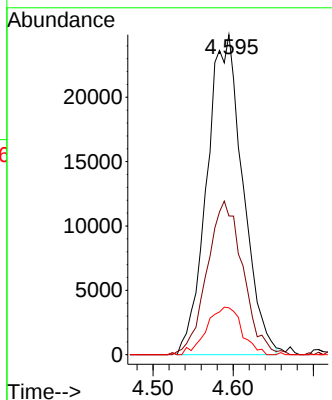
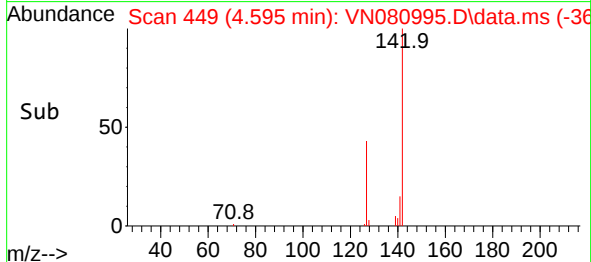
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 77458
Ion Ratio Lower Upper
142 100
127 43.4 26.3 78.9
141 14.6 8.3 24.9

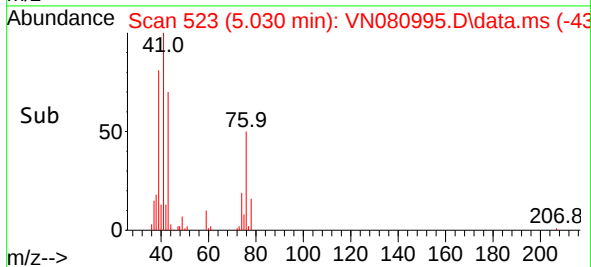
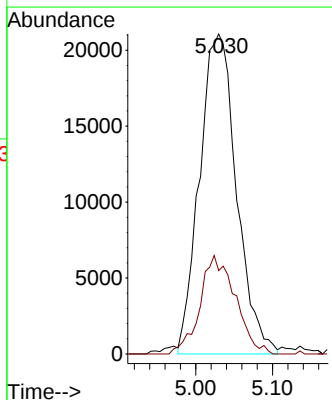
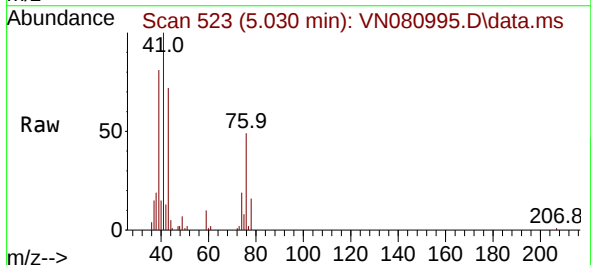
Manual Integrations
APPROVED

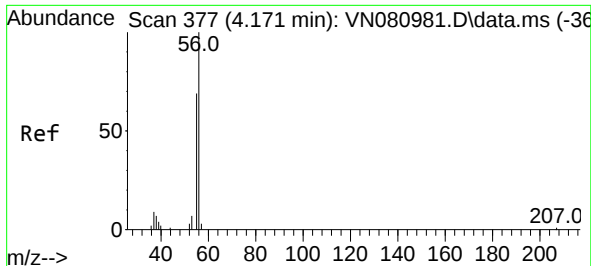
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 18.634 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion: 43 Resp: 70407
Ion Ratio Lower Upper
43 100
74 26.0 27.7 41.5#





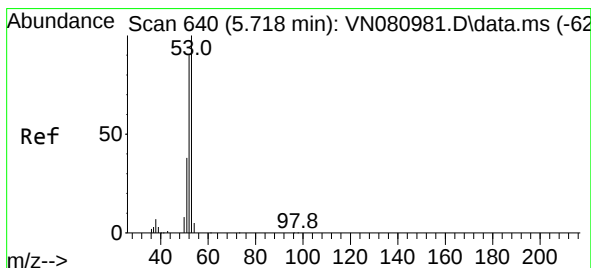
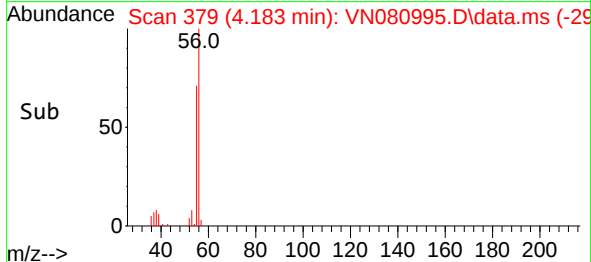
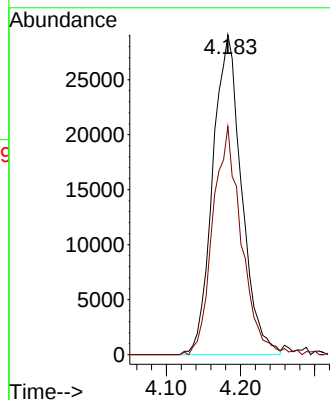
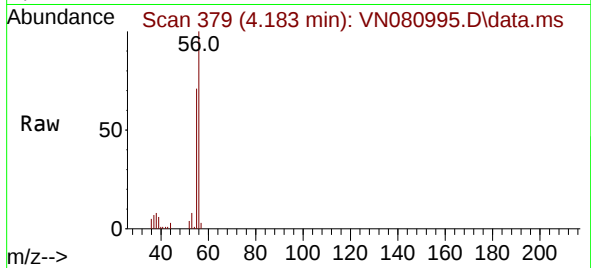
#13
Acrolein
Concen: 95.545 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 7872
Ion Ratio Lower Upper
56 100
55 70.1 55.5 83.3

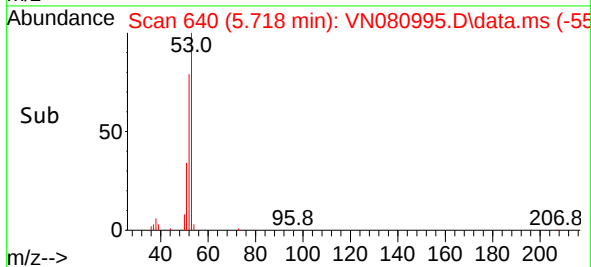
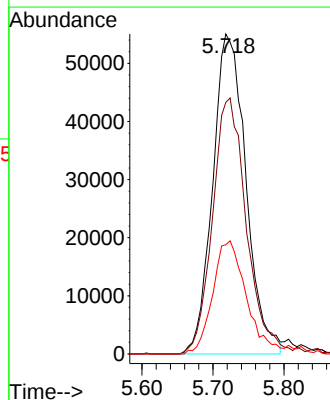
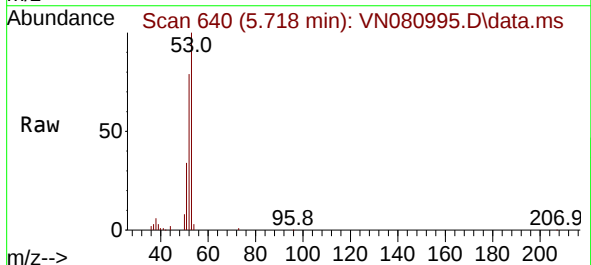
Manual Integrations
APPROVED

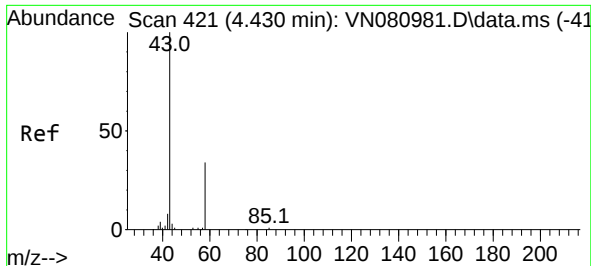
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#14
Acrylonitrile
Concen: 95.392 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion: 53 Resp: 178978
Ion Ratio Lower Upper
53 100
52 81.3 41.3 123.9
51 35.7 16.8 50.3





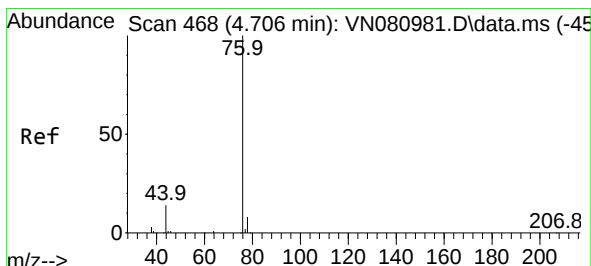
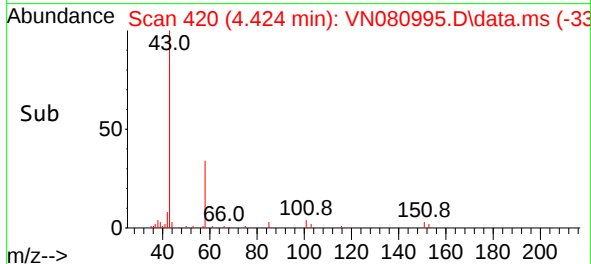
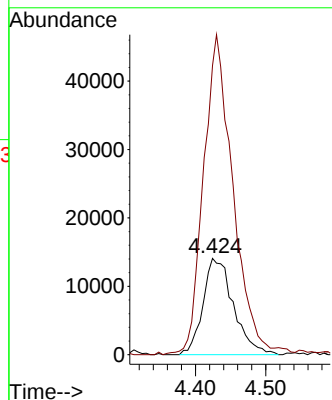
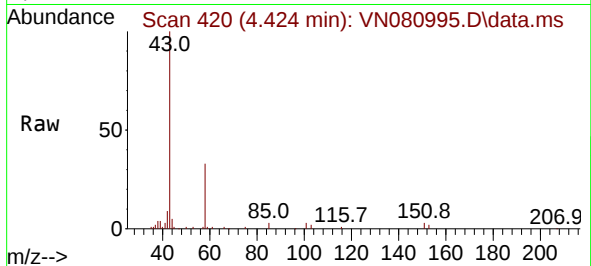
#15
Acetone
Concen: 98.153 ug/l m
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 4236
Ion Ratio Lower Upper
58 100
43 300.1 223.1 334.7

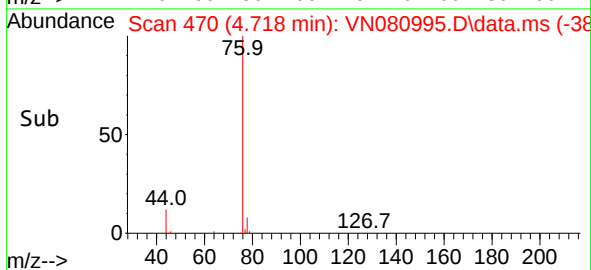
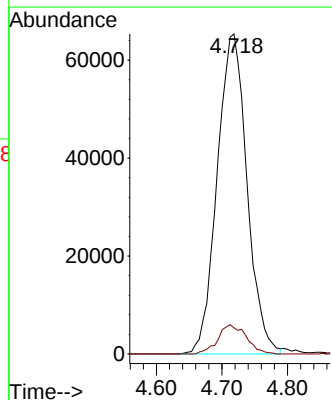
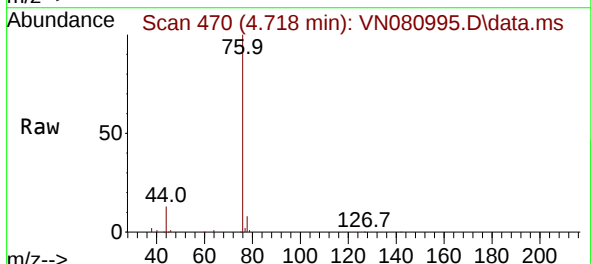
Manual Integrations
APPROVED

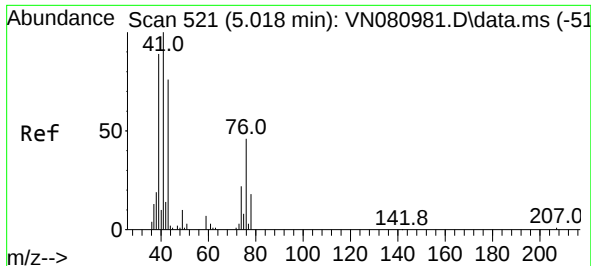
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#16
Carbon Disulfide
Concen: 18.056 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

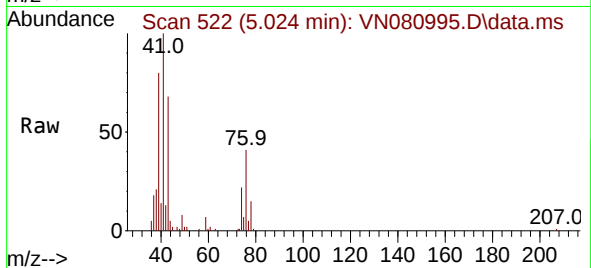
Tgt Ion: 76 Resp: 206615
Ion Ratio Lower Upper
76 100
78 8.1 6.3 9.5





#17
 Allyl chloride
 Concen: 18.376 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN080995.D
 Acq: 09 Feb 2024 17:43

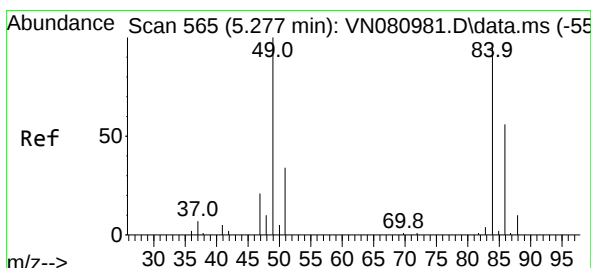
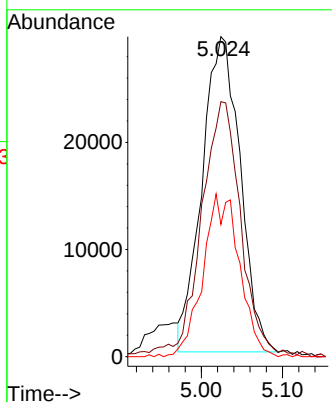
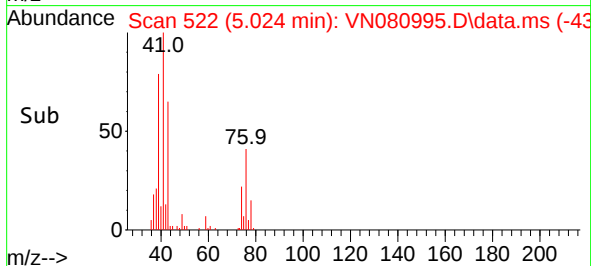
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



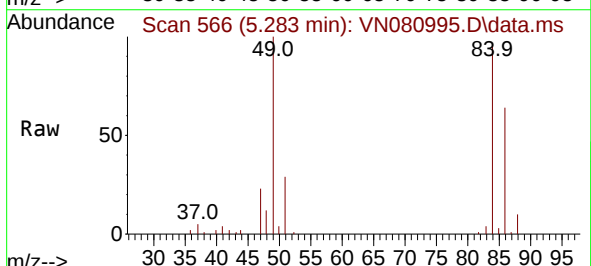
Tgt Ion: 41 Resp: 96229
 Ion Ratio Lower Upper
 41 100
 39 79.6 37.6 112.9
 76 42.0 27.8 83.4

Manual Integrations
 APPROVED

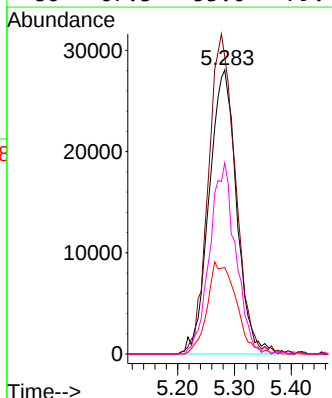
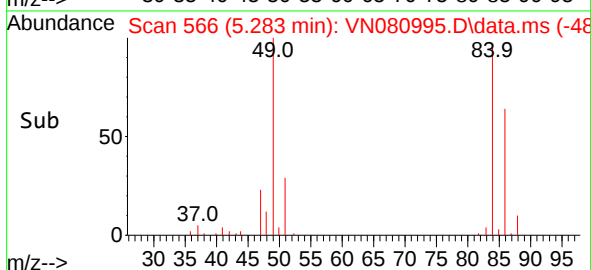
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

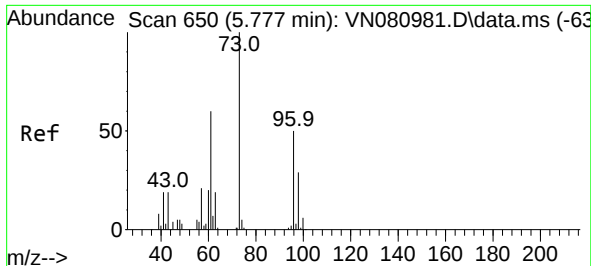


#18
 Methylene Chloride
 Concen: 19.774 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN080995.D
 Acq: 09 Feb 2024 17:43



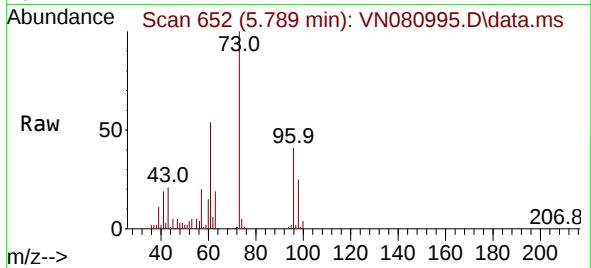
Tgt Ion: 84 Resp: 94222
 Ion Ratio Lower Upper
 84 100
 49 104.6 86.0 129.0
 51 30.4 30.0 45.0
 86 67.3 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.510 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

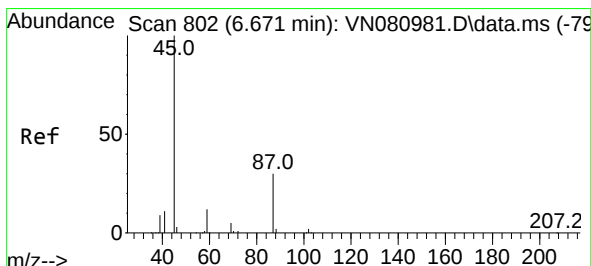
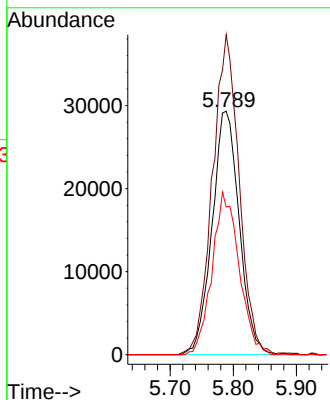
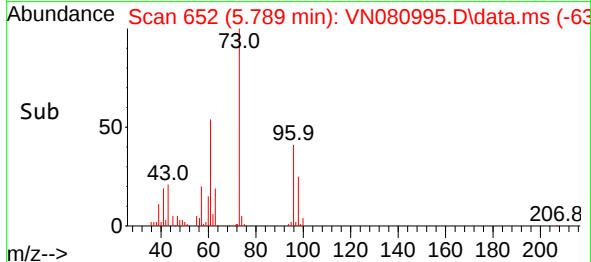
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 87618
Ion Ratio Lower Upper
96 100
61 131.5 111.8 167.6
98 60.7 49.2 73.8

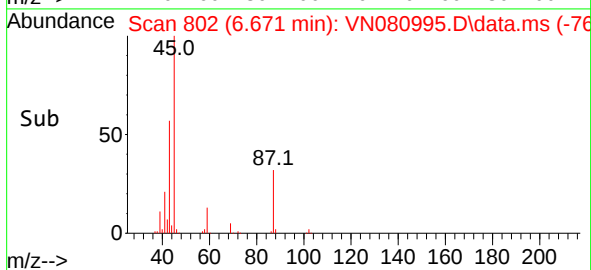
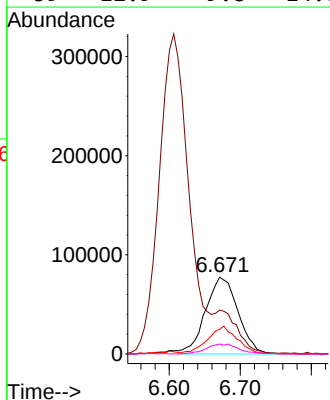
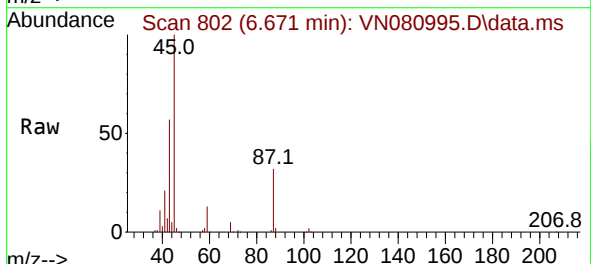
Manual Integrations
APPROVED

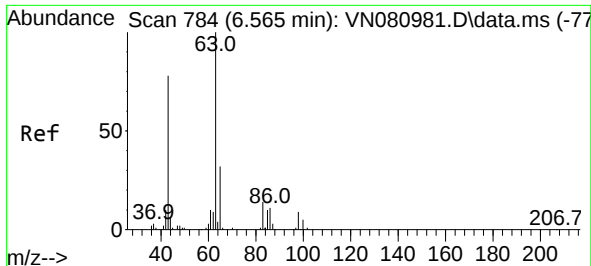
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Diisopropyl ether
Concen: 19.538 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion: 45 Resp: 245907
Ion Ratio Lower Upper
45 100
43 56.4 40.4 60.6
87 32.2 23.8 35.8
59 12.9 9.8 14.6





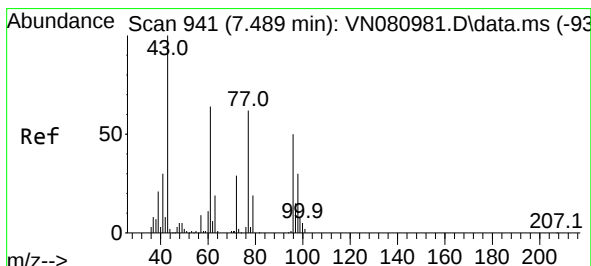
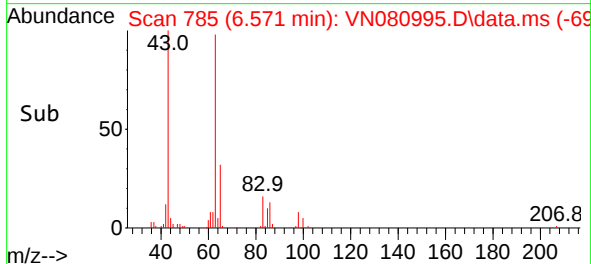
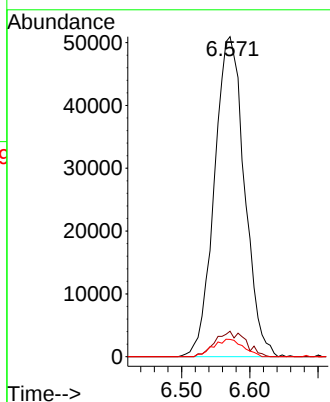
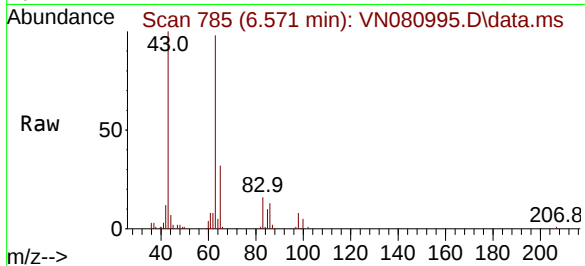
#21
1,1-Dichloroethane
Concen: 19.411 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 156569
Ion Ratio Lower Upper
63 100
98 7.9 4.1 12.3
100 5.4 3.0 9.0

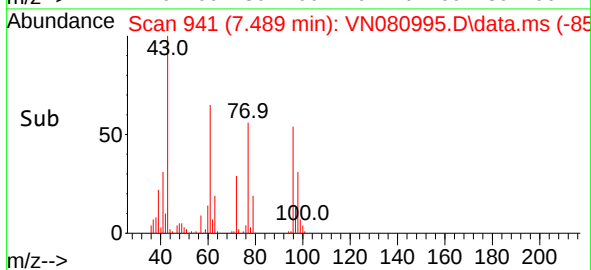
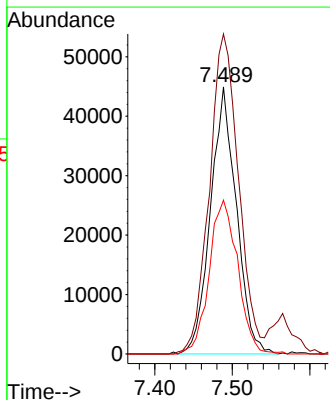
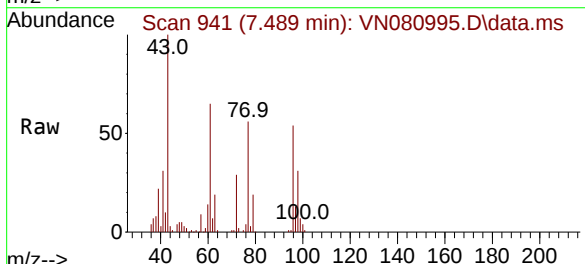
Manual Integrations
APPROVED

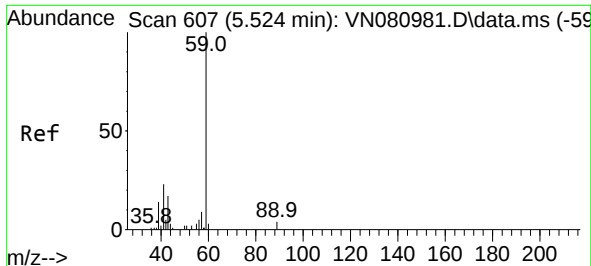
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
cis-1,2-Dichloroethene
Concen: 19.005 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

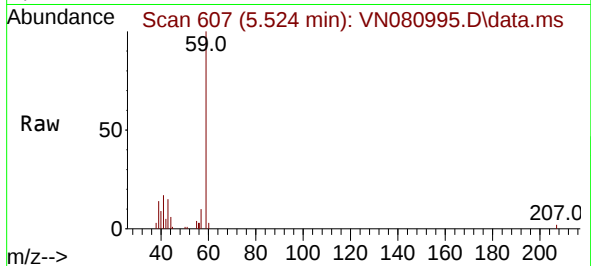
Tgt Ion: 96 Resp: 104528
Ion Ratio Lower Upper
96 100
61 135.1 113.5 170.3
98 63.3 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 76.252 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

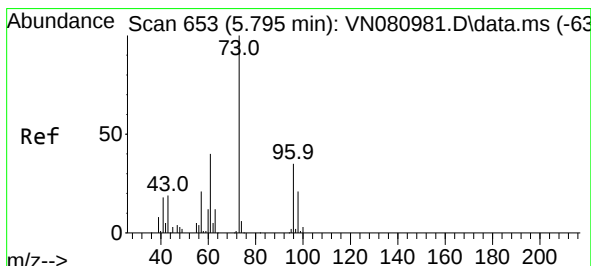
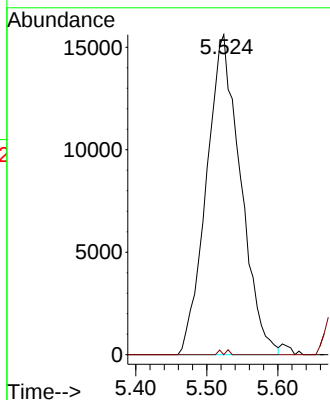
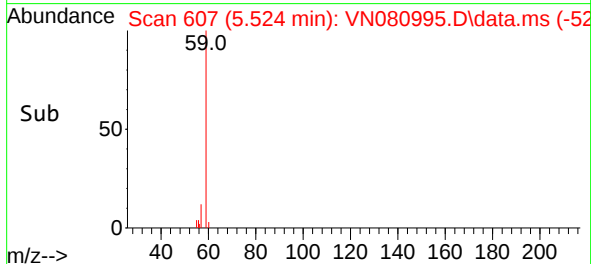
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



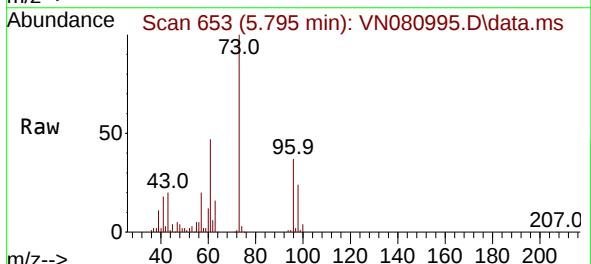
Tgt Ion: 59 Resp: 52118
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
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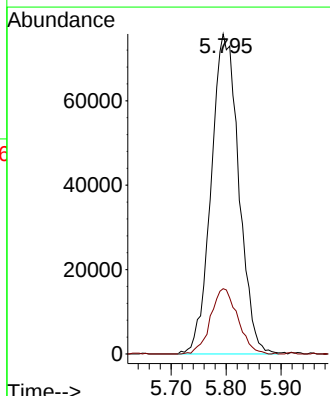
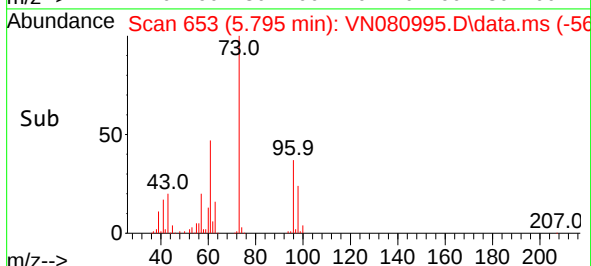
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

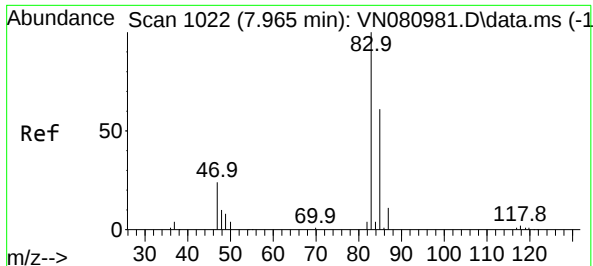


#24
Methyl tert-Butyl Ether
Concen: 19.175 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



Tgt Ion: 73 Resp: 265053
Ion Ratio Lower Upper
73 100
43 19.9 13.4 20.2





#25

Chloroform

Concen: 19.669 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 176010

Ion Ratio Lower Upper

83 100

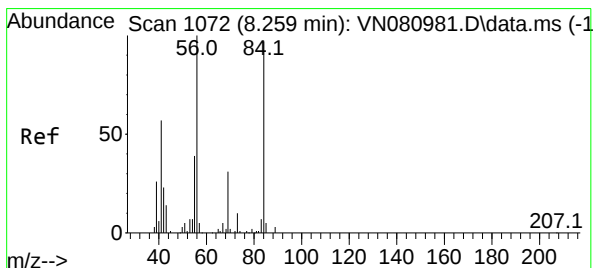
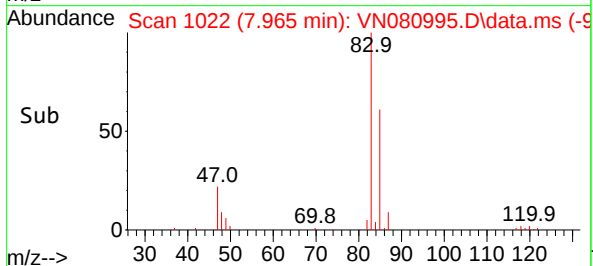
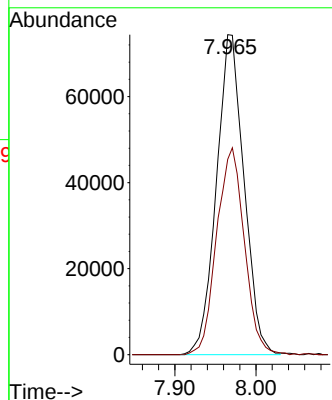
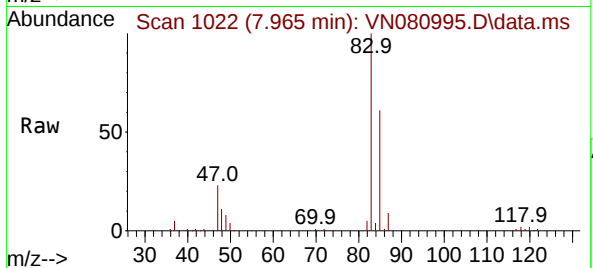
85 61.1 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#26

Cyclohexane

Concen: 18.526 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

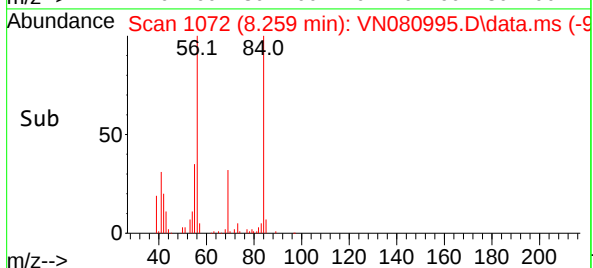
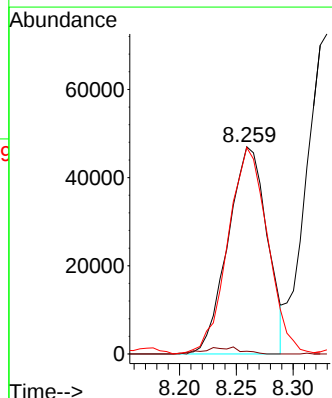
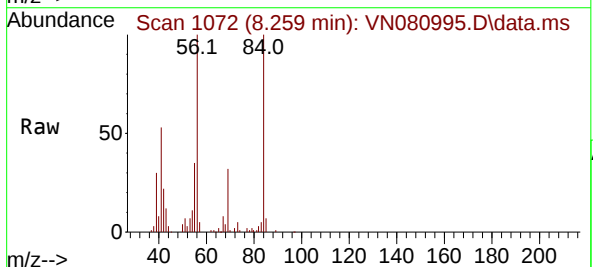
Tgt Ion: 56 Resp: 112520

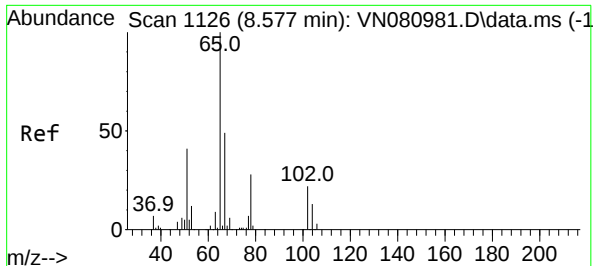
Ion Ratio Lower Upper

56 100

89 0.4 19.3 28.9#

84 101.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.755 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

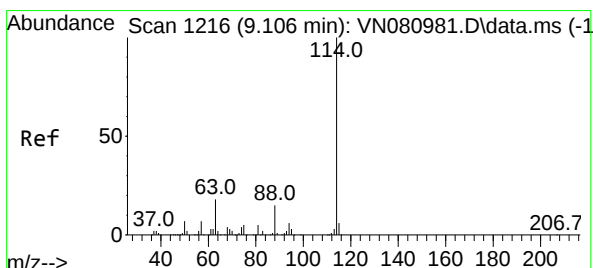
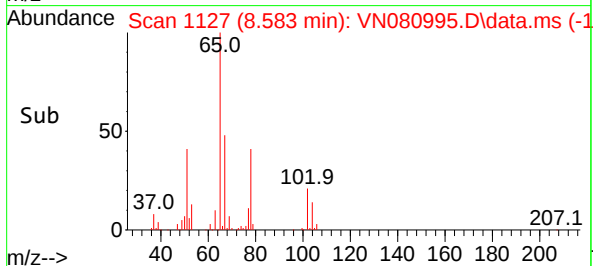
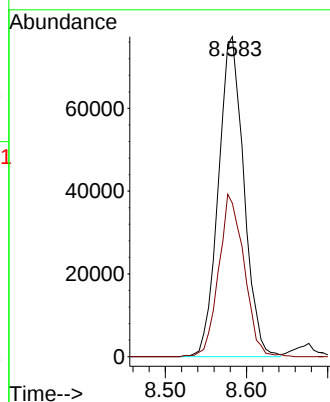
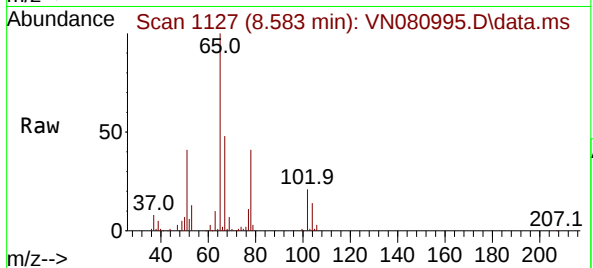
VSTDCCC020EC

Tgt Ion: 65 Resp: 168850
Ion Ratio Lower Upper
65 100
67 50.5 43.2 64.8

Manual Integrations

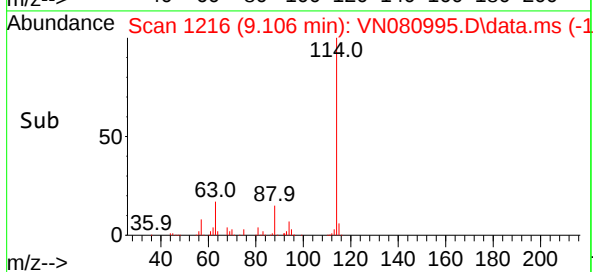
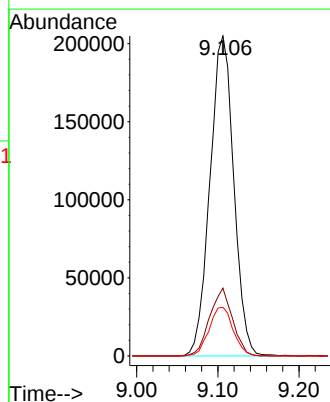
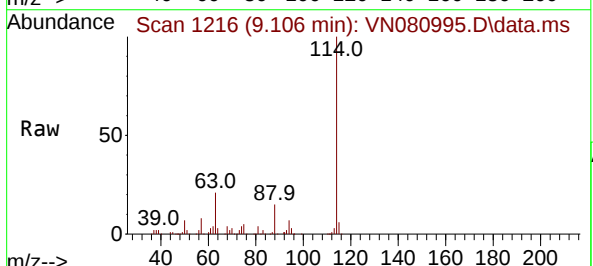
APPROVED

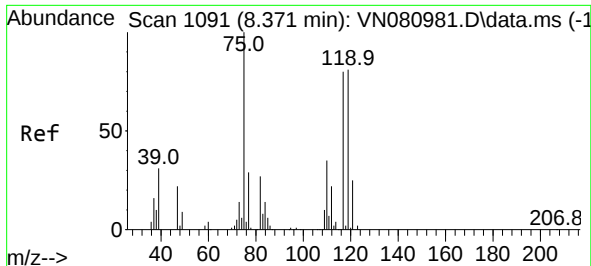
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

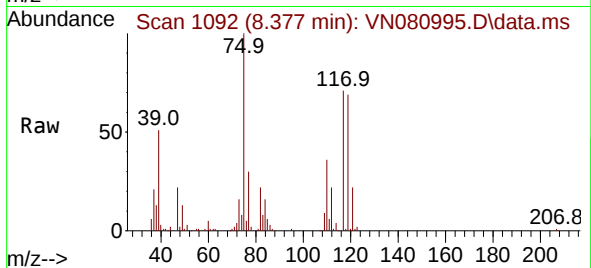
Tgt Ion:114 Resp: 417507
Ion Ratio Lower Upper
114 100
63 20.3 15.9 23.9
88 15.4 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.246 ug/l
RT: 8.377 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

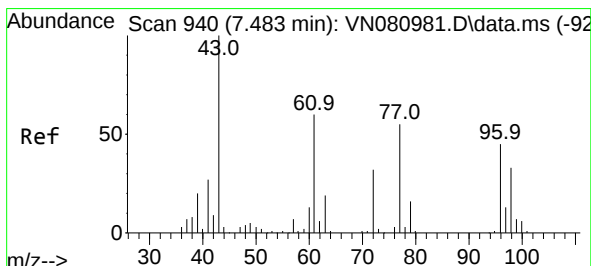
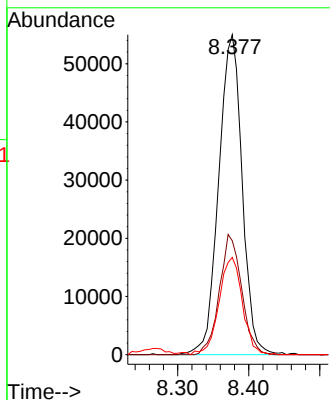
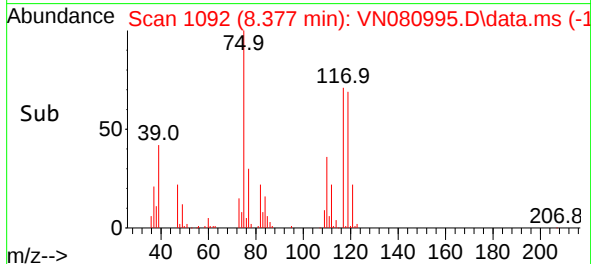
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 125910
Ion Ratio Lower Upper
75 100
110 35.6 0.0 70.2
77 30.0 0.0 61.4

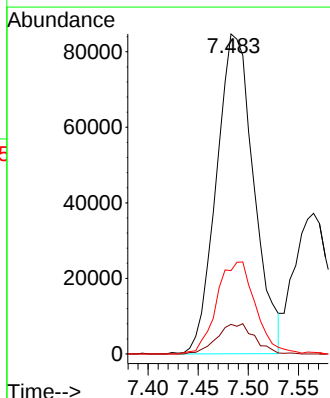
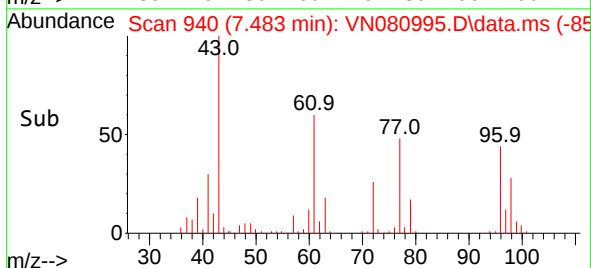
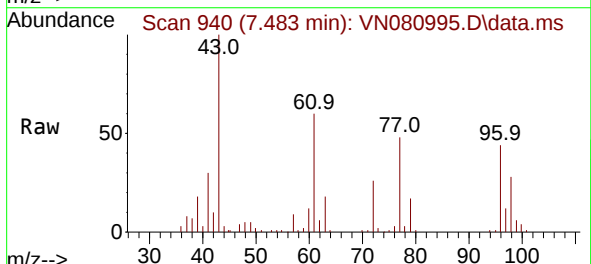
Manual Integrations
APPROVED

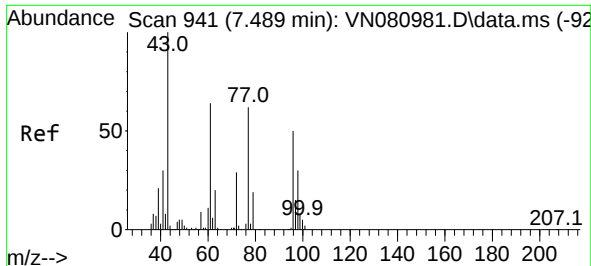
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 96.529 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

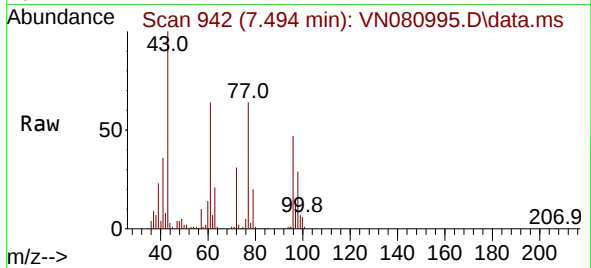
Tgt Ion: 43 Resp: 220255
Ion Ratio Lower Upper
43 100
57 5.5 6.7 10.1#
72 29.7 24.0 36.0





#31
2,2-Dichloropropane
Concen: 19.760 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

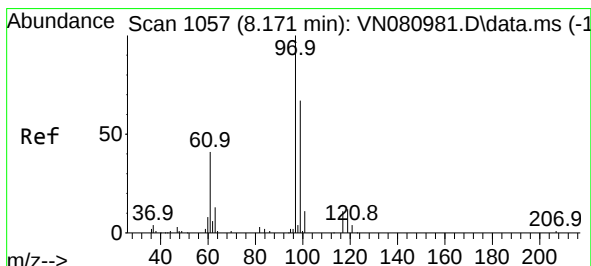
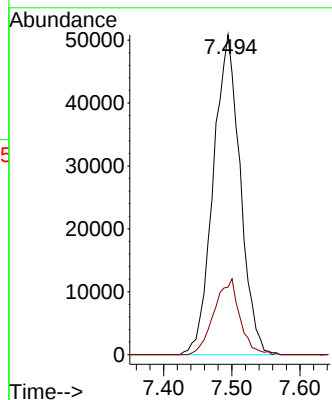
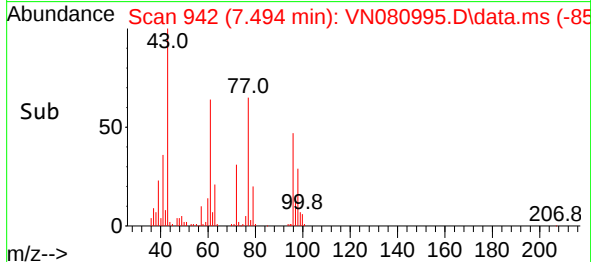
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 139918
Ion Ratio Lower Upper
77 100
97 22.5 18.3 27.5

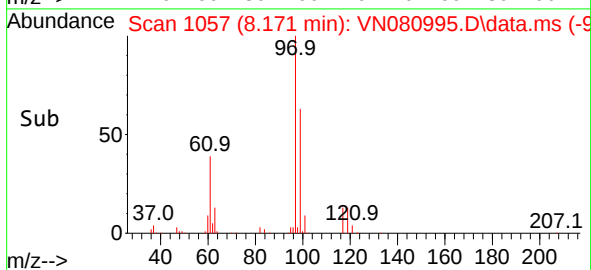
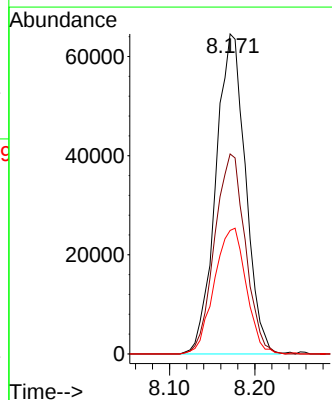
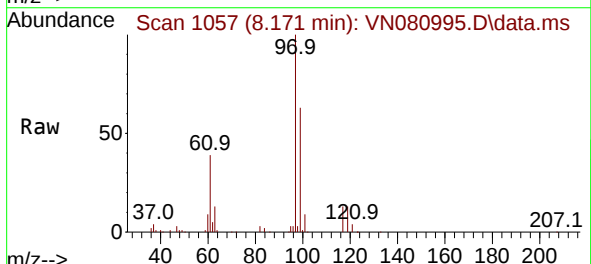
Manual Integrations
APPROVED

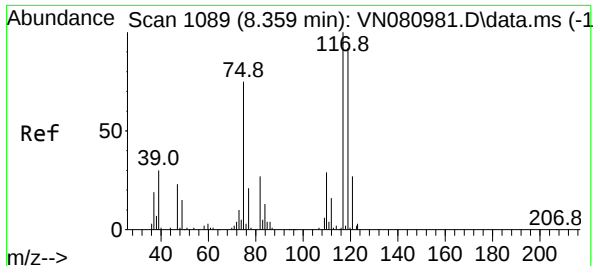
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#32
1,1,1-Trichloroethane
Concen: 19.982 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

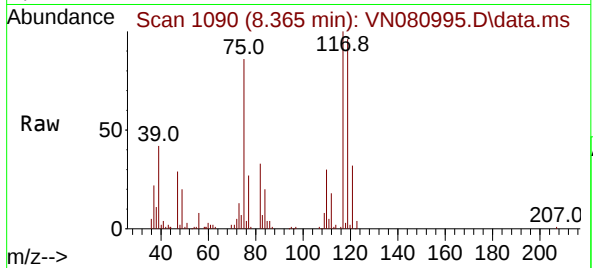
Tgt Ion: 97 Resp: 156327
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 42.1 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.259 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

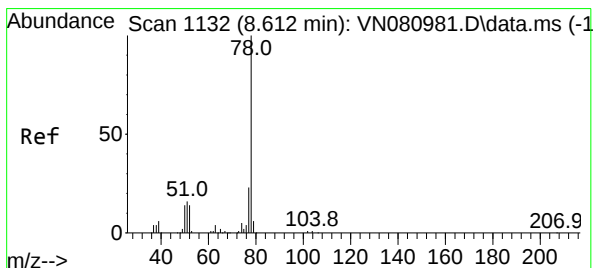
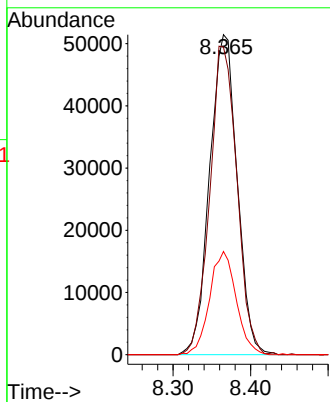
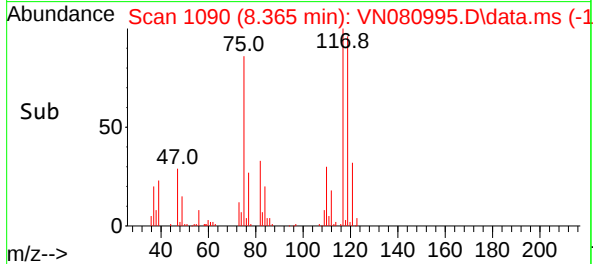
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 126945
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5
121 32.3 27.0 40.6

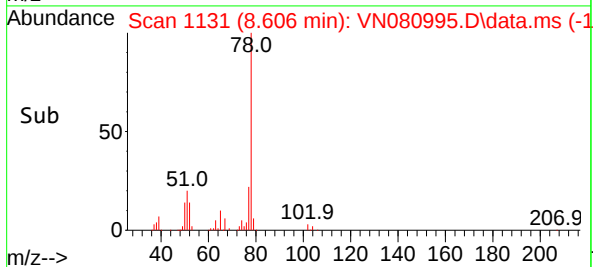
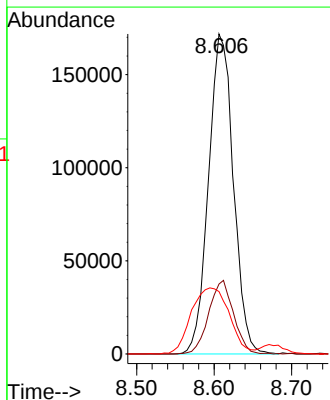
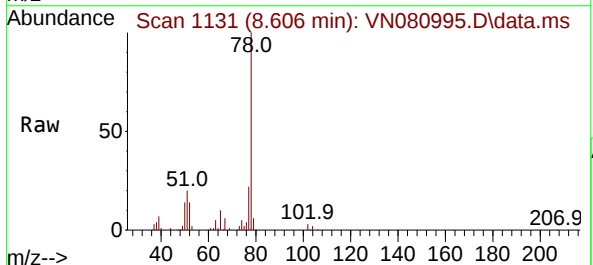
Manual Integrations
APPROVED

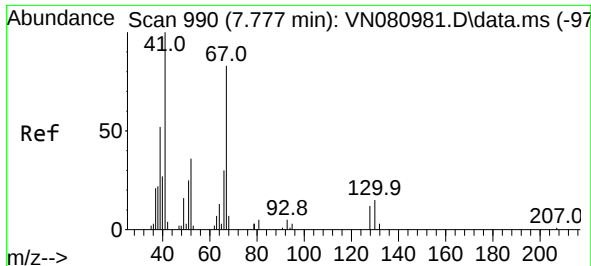
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 20.174 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

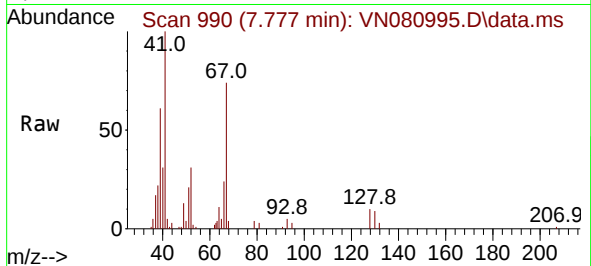
Tgt Ion: 78 Resp: 383394
Ion Ratio Lower Upper
78 100
77 21.7 19.2 28.8
51 17.3 13.3 19.9





#35
Methacrylonitrile
Concen: 19.605 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

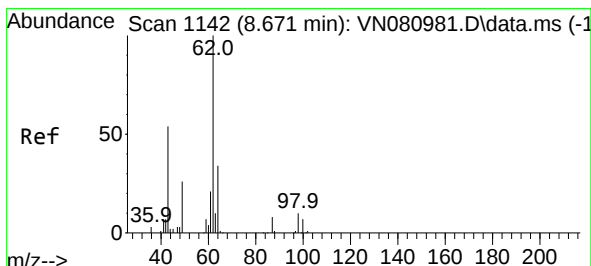
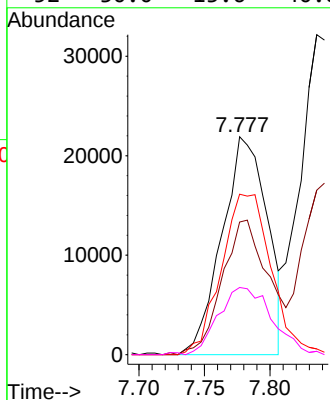
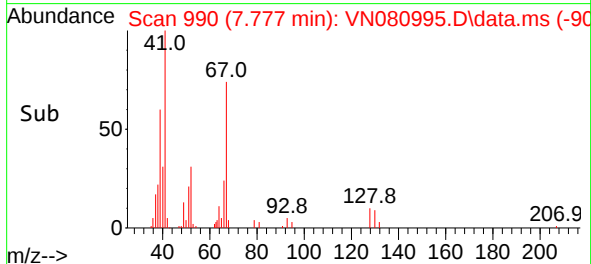
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 52578
Ion Ratio Lower Upper
41 100
39 60.8 25.3 75.9
67 73.6 38.7 116.1
52 30.0 13.6 40.8

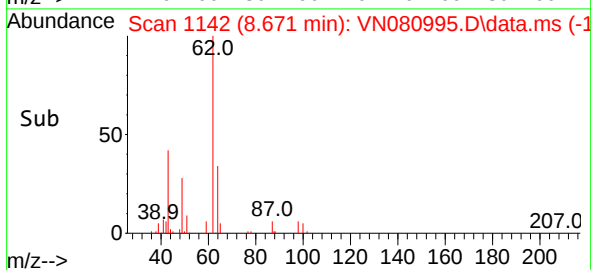
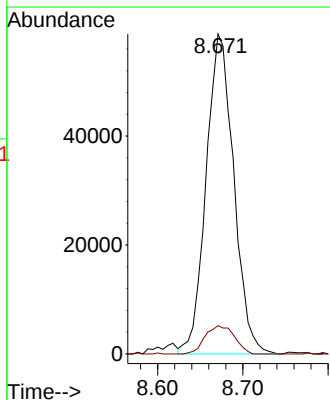
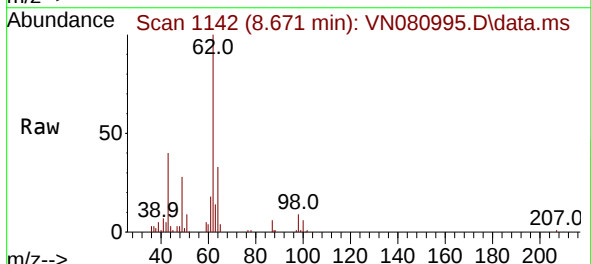
Manual Integrations
APPROVED

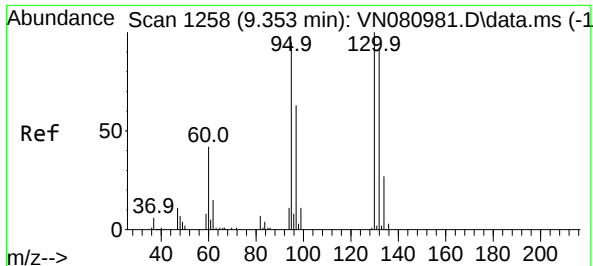
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 20.760 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion: 62 Resp: 132407
Ion Ratio Lower Upper
62 100
98 9.4 8.2 12.4





#37

Trichloroethene

Concen: 19.397 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 9800

Ion Ratio Lower Upper

130 100

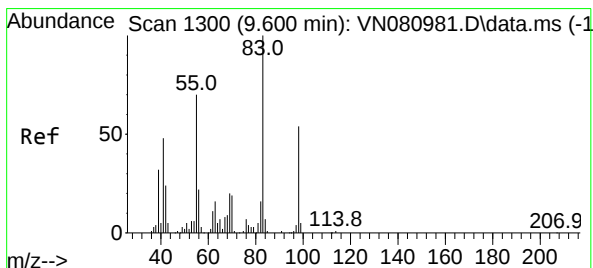
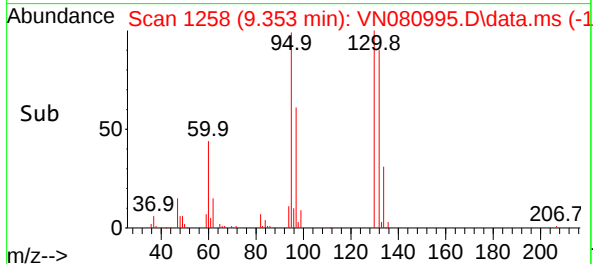
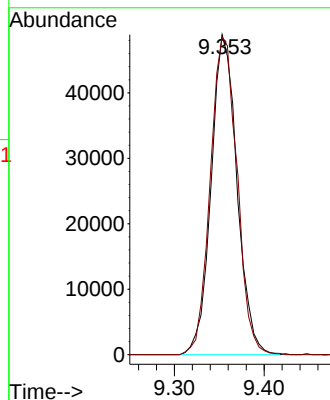
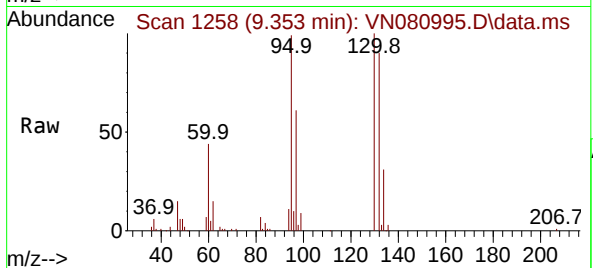
95 99.3 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Methylcyclohexane

Concen: 19.437 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

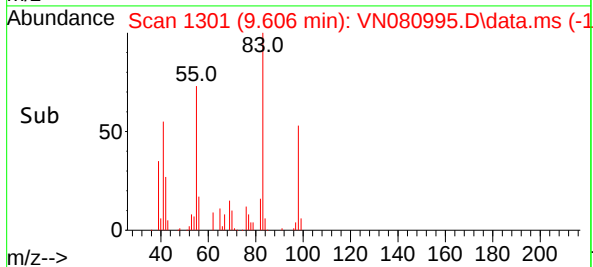
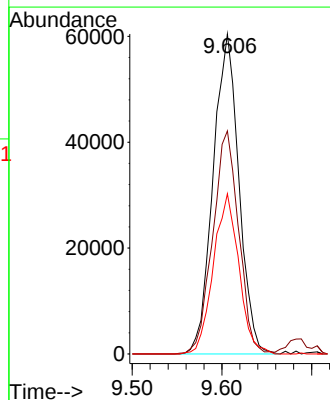
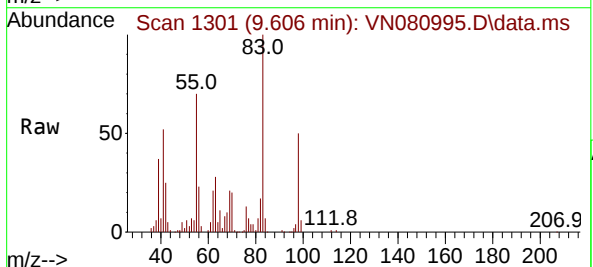
Tgt Ion: 83 Resp: 120632

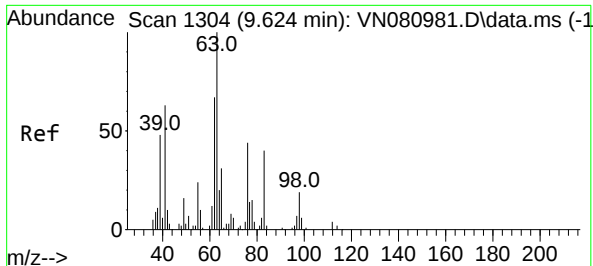
Ion Ratio Lower Upper

83 100

55 70.2 36.6 109.9

98 49.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.966 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 9000

Ion Ratio Lower Upper

63 100

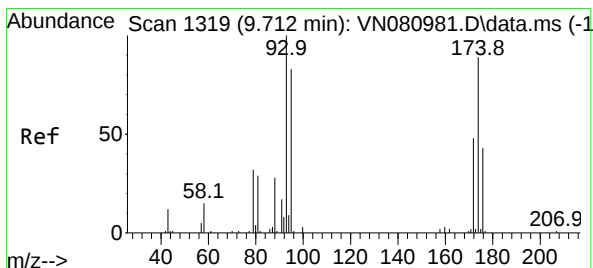
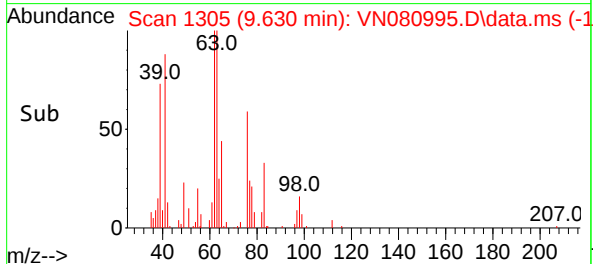
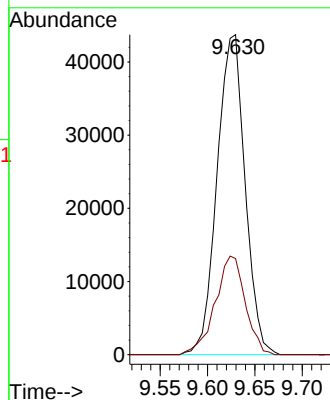
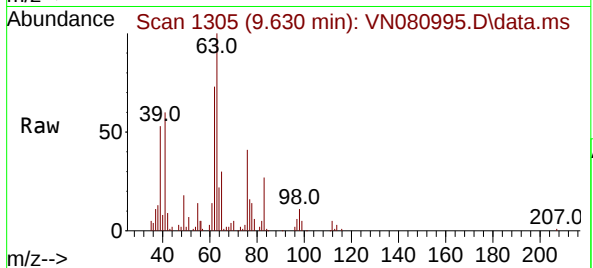
65 30.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#40

Dibromomethane

Concen: 19.718 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

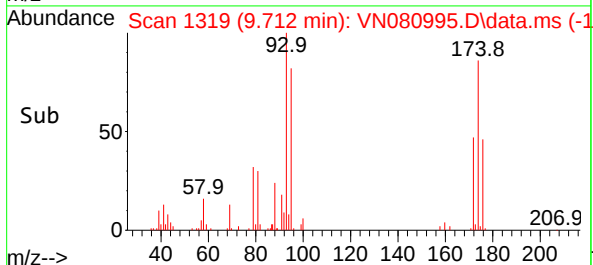
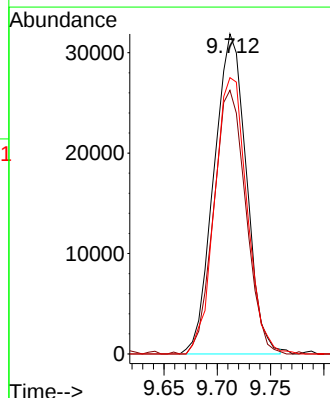
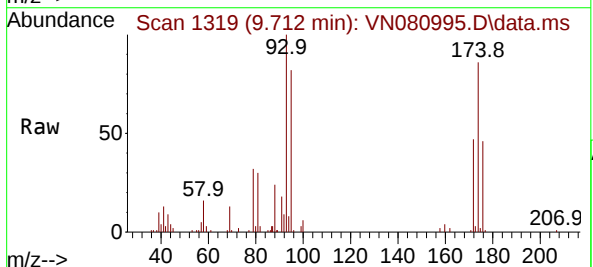
Tgt Ion: 93 Resp: 67625

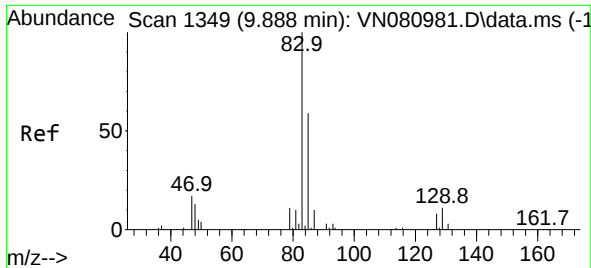
Ion Ratio Lower Upper

93 100

95 81.3 0.0 164.6

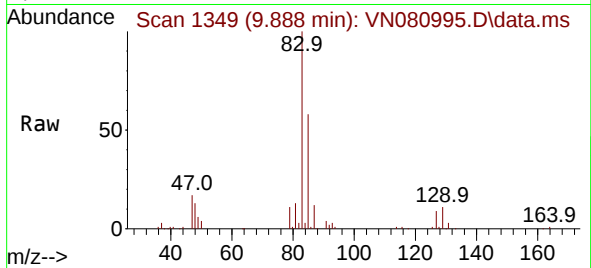
174 85.8 0.0 193.2





#41
Bromodichloromethane
Concen: 20.255 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

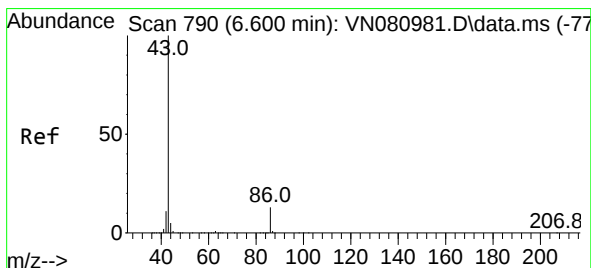
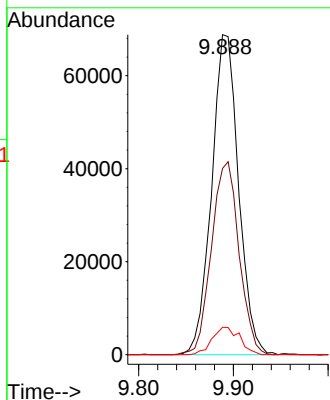
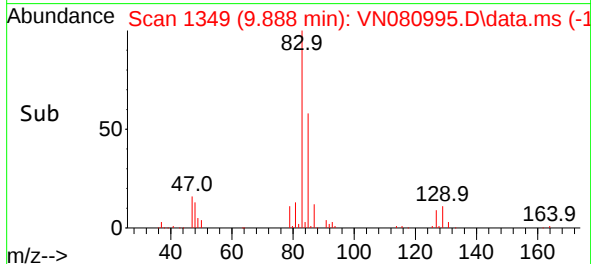
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 135950
Ion Ratio Lower Upper
83 100
85 58.2 49.4 74.2
127 8.5 7.3 10.9

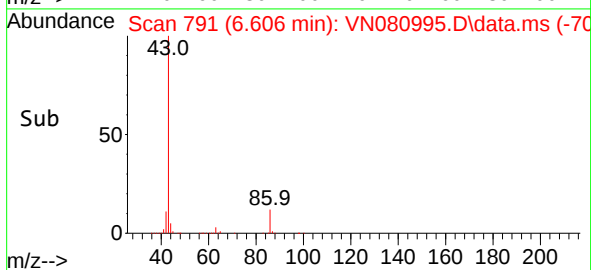
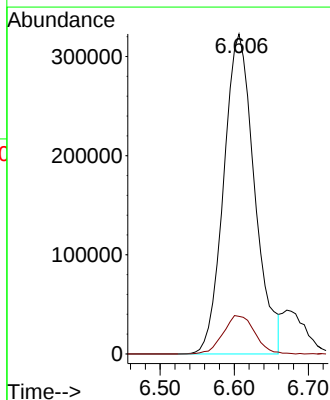
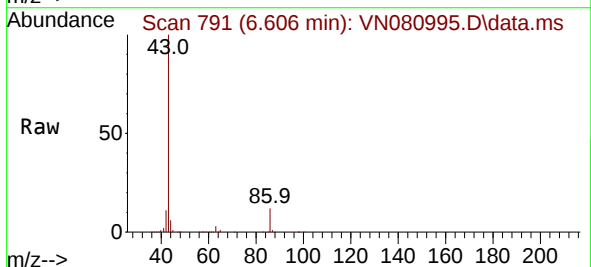
Manual Integrations
APPROVED

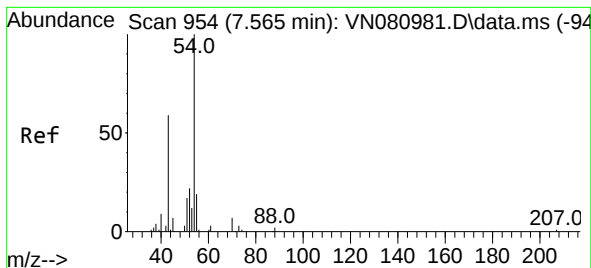
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 95.625 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion: 43 Resp: 933298
Ion Ratio Lower Upper
43 100
86 12.3 9.4 14.2





#43

Ethyl Acetate

Concen: 19.586 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 9308

Ion Ratio Lower Upper

43 100

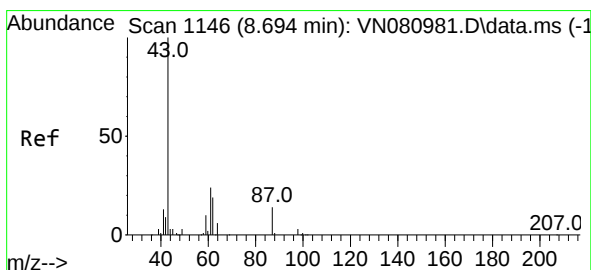
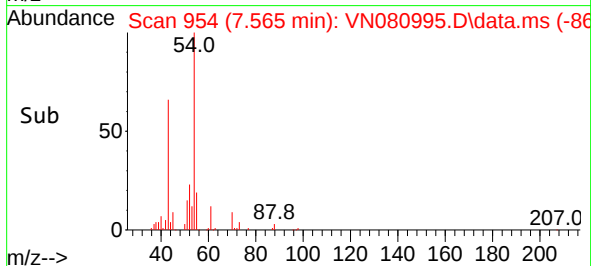
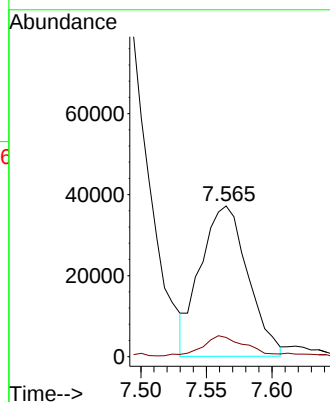
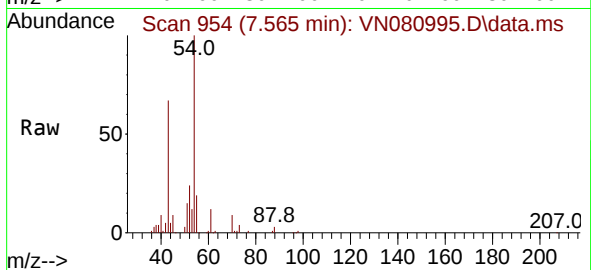
45 11.8 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#44

Isopropyl Acetate

Concen: 19.949 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN080995.D

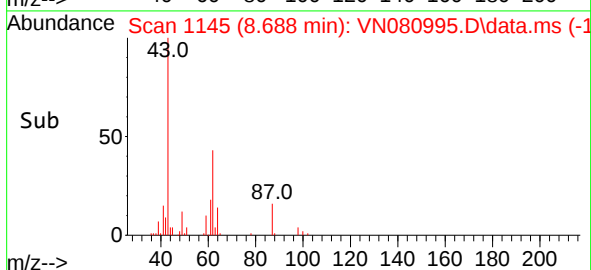
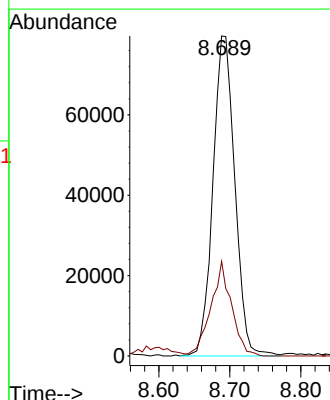
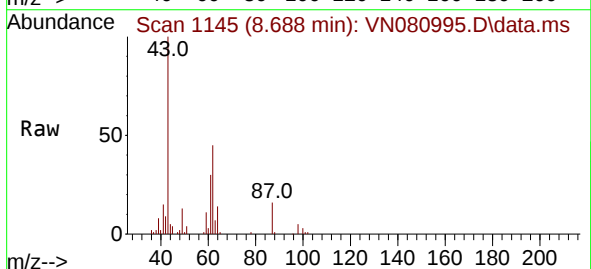
Acq: 09 Feb 2024 17:43

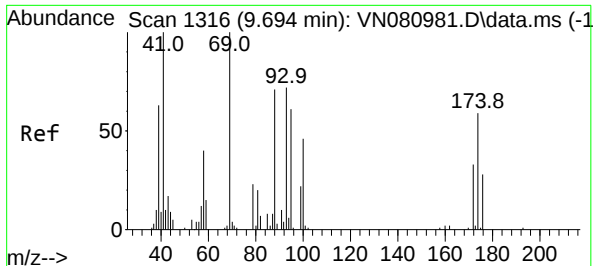
Tgt Ion: 43 Resp: 170349

Ion Ratio Lower Upper

43 100

61 28.0 25.0 37.4





#45

1,4-Dioxane

Concen: 320.286 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

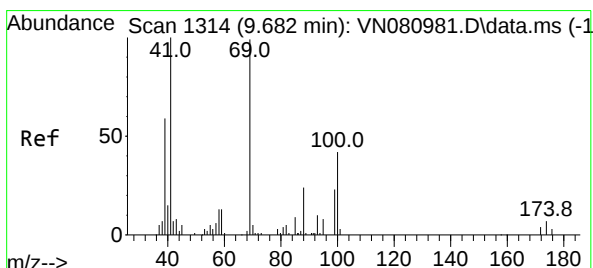
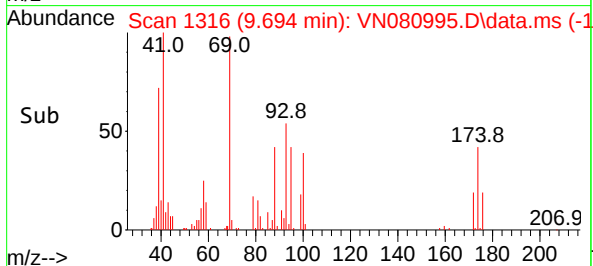
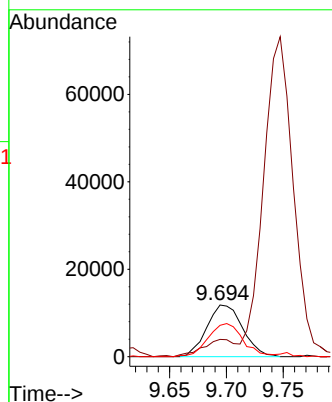
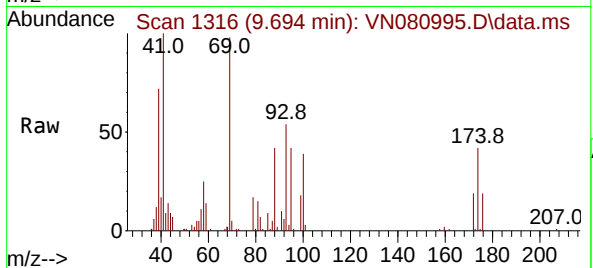
Tgt Ion:	88	Resp:	25939
Ion Ratio	Lower	Upper	
88	100		
43	32.3	19.8	29.6
58	62.5	55.4	83.0

Manual Integrations

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Reviewed By :John Carlone 02/12/2024

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#46

Methyl methacrylate

Concen: 19.511 ug/l

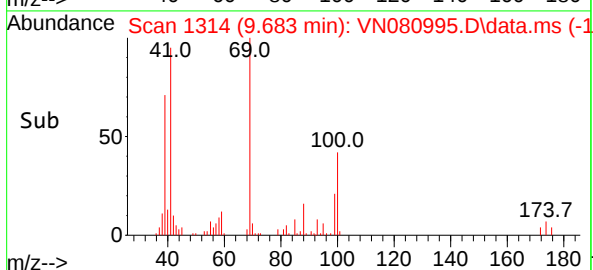
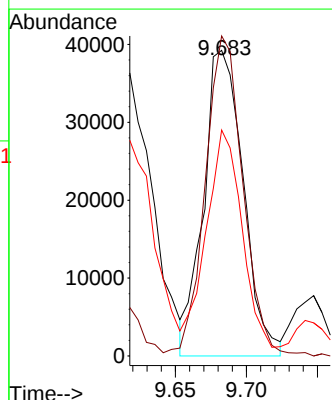
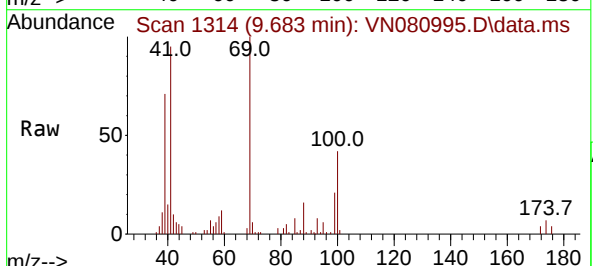
RT: 9.683 min Scan# 1314

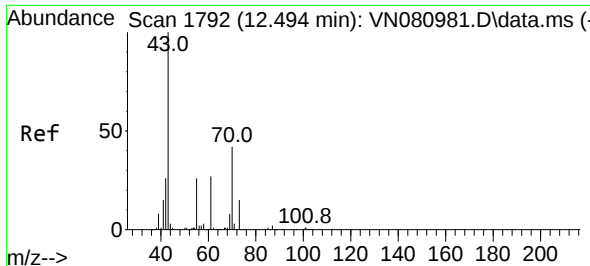
Delta R.T. 0.000 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

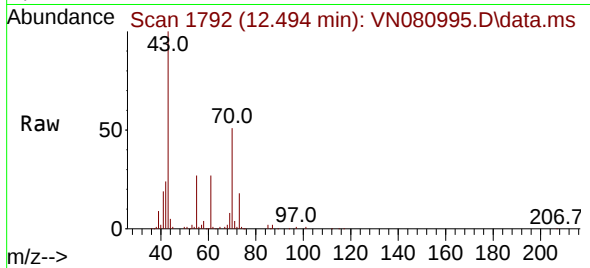
Tgt Ion:	41	Resp:	76236
Ion Ratio	Lower	Upper	
41	100		
69	108.1	51.1	153.3
39	74.3	25.8	77.3





#47
n-amy1 Acetate
Concen: 21.785 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

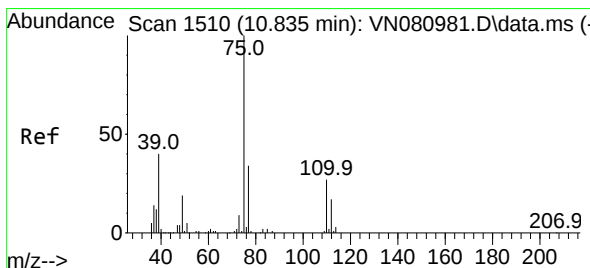
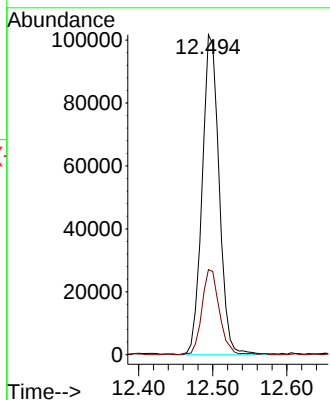
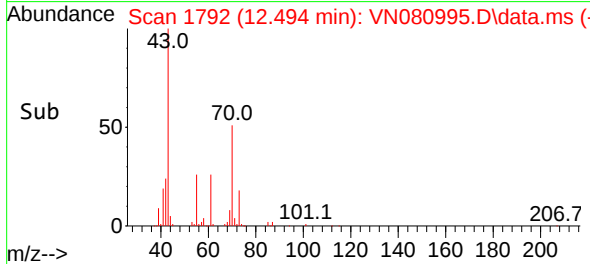
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



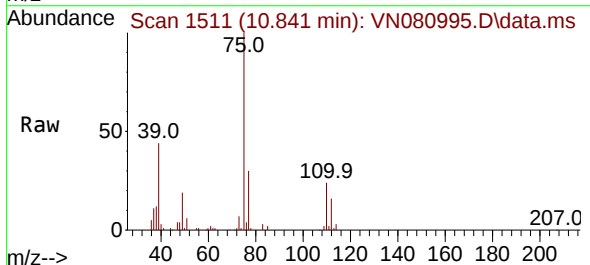
Tgt Ion: 43 Resp: 162234
Ion Ratio Lower Upper
43 100
55 27.0 23.4 35.2

Manual Integrations
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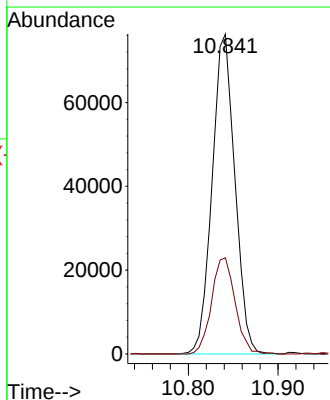
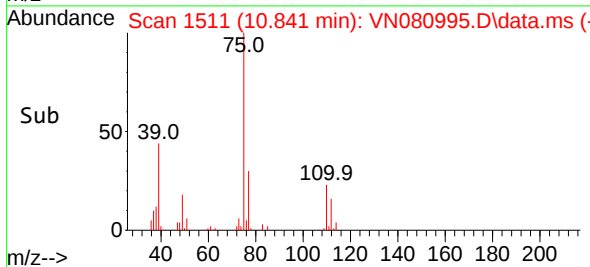
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

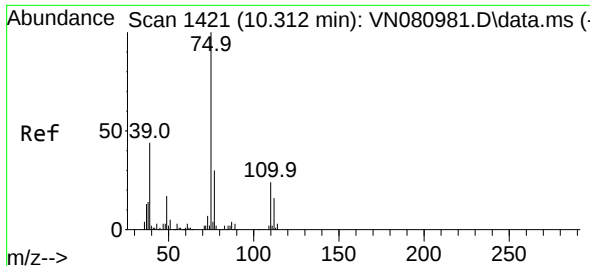


#48
t-1,3-Dichloropropene
Concen: 19.116 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



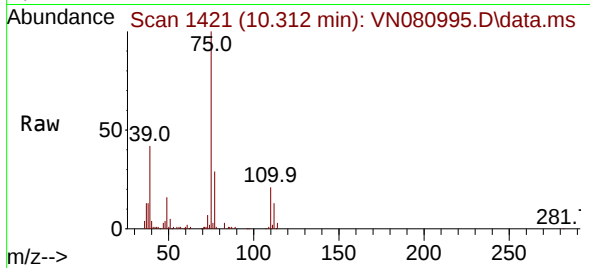
Tgt Ion: 75 Resp: 134472
Ion Ratio Lower Upper
75 100
77 30.0 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 19.331 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

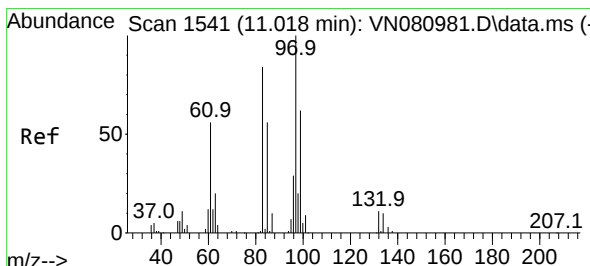
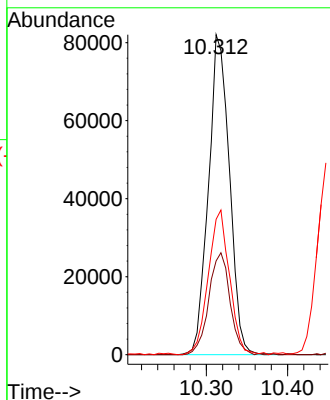
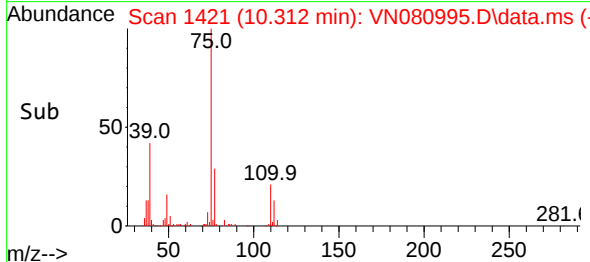
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 147348
Ion Ratio Lower Upper
75 100
77 29.3 24.9 37.3
39 42.3 31.0 46.6

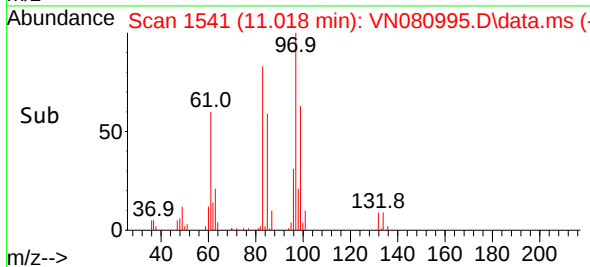
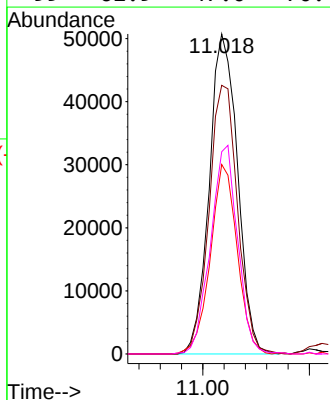
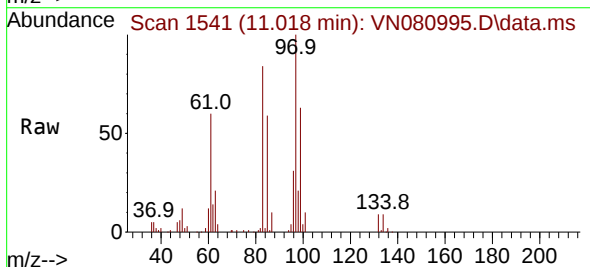
Manual Integrations
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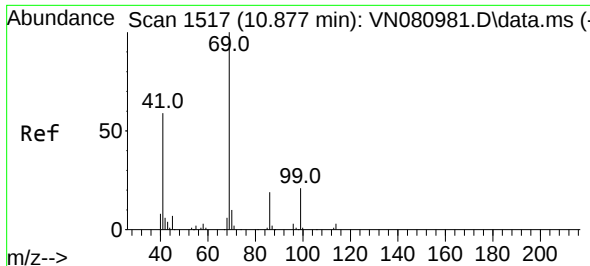
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
1,1,2-Trichloroethane
Concen: 19.712 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

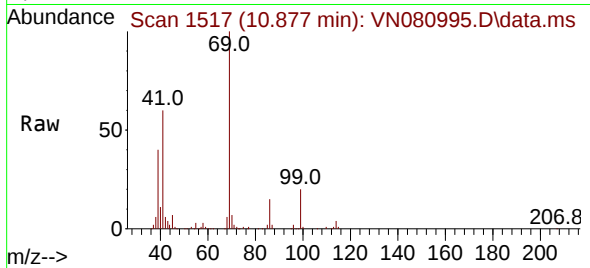
Tgt Ion: 97 Resp: 93543
Ion Ratio Lower Upper
97 100
83 83.9 68.1 102.1
85 58.9 41.8 62.6
99 62.9 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.272 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

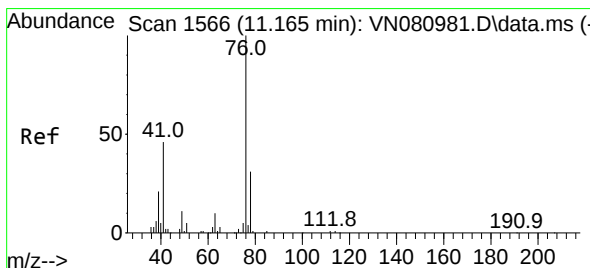
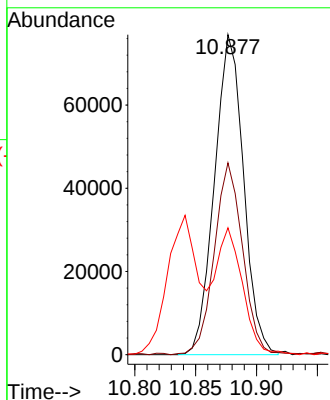
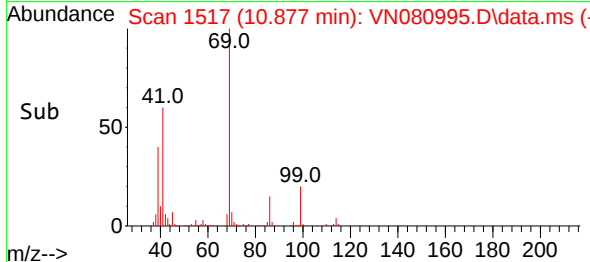
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



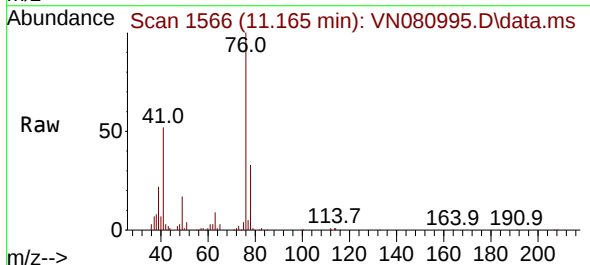
Tgt Ion: 69 Resp: 127818
Ion Ratio Lower Upper
69 100
41 59.6 25.5 76.5
39 38.6 16.0 47.9

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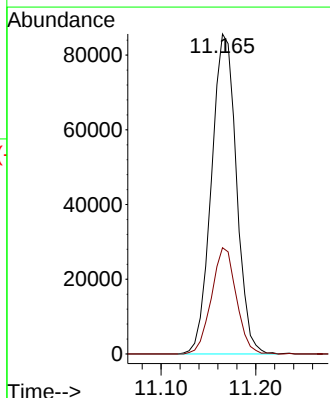
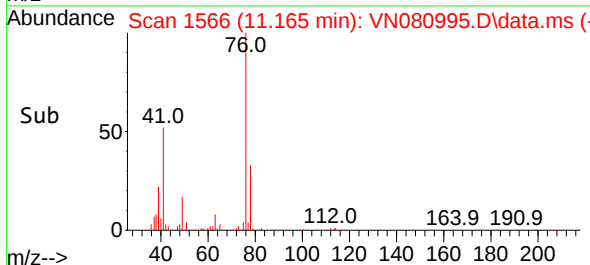
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

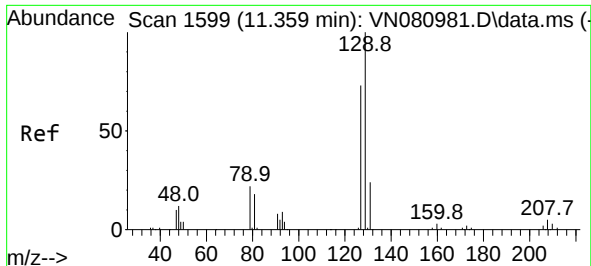


#52
1,3-Dichloropropane
Concen: 20.045 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



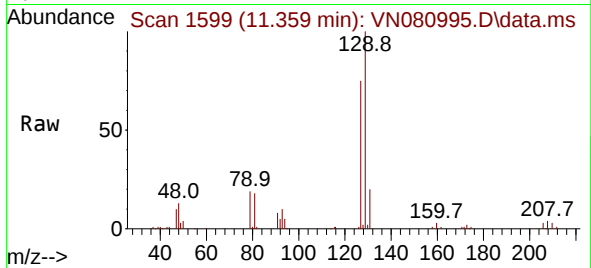
Tgt Ion: 76 Resp: 157075
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.8





#53
Dibromochloromethane
Concen: 21.803 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

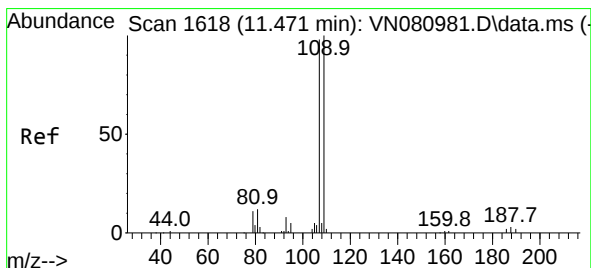
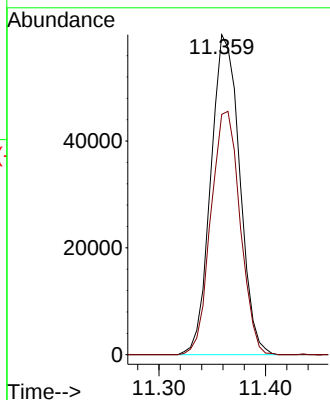
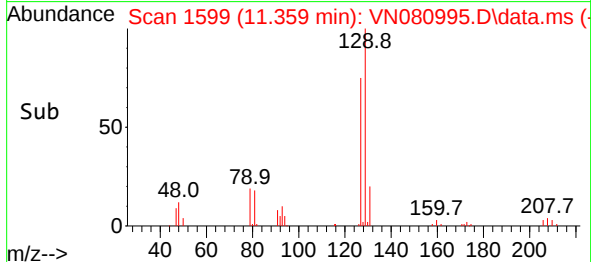
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



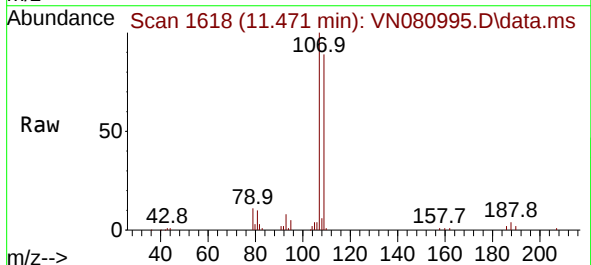
Tgt Ion:129 Resp: 11276
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.1

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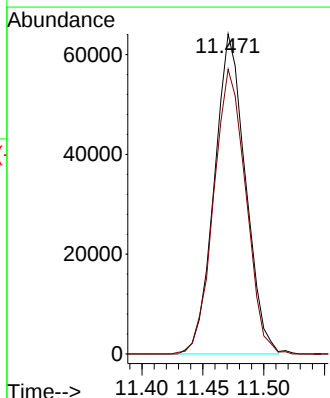
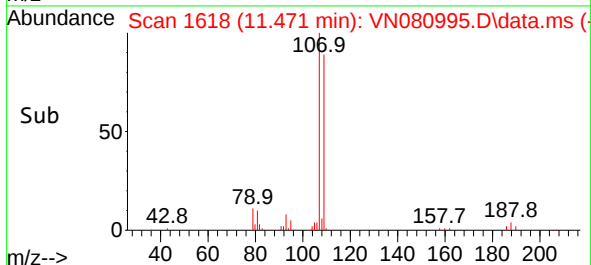
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

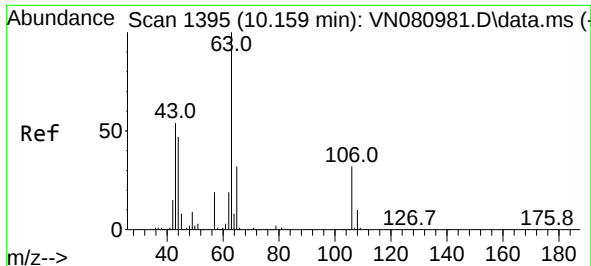


#54
1,2-Dibromoethane
Concen: 23.181 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



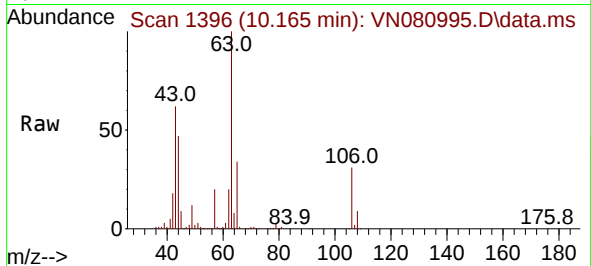
Tgt Ion:107 Resp: 113805
Ion Ratio Lower Upper
107 100
109 91.7 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 104.422 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

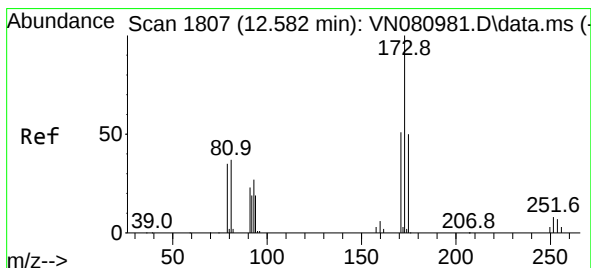
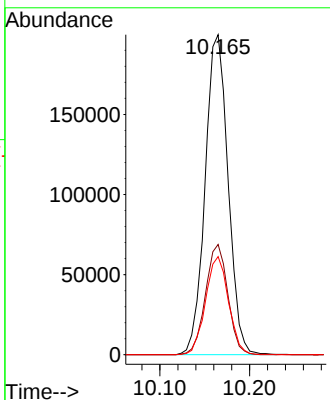
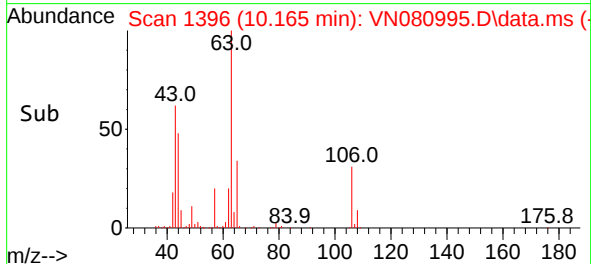
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 354908
Ion Ratio Lower Upper
63 100
65 33.4 26.2 39.2
106 30.6 23.8 35.8

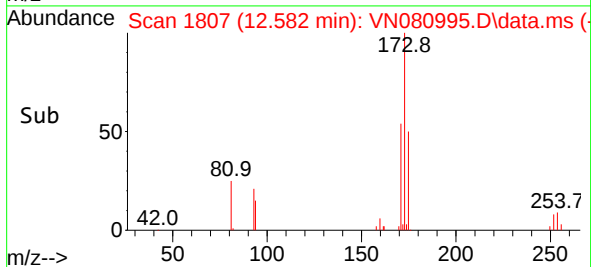
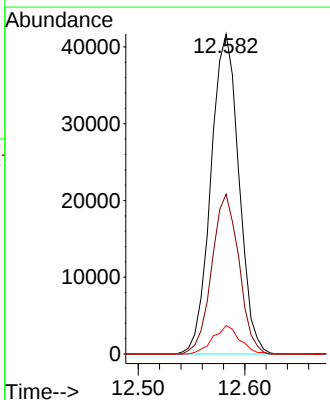
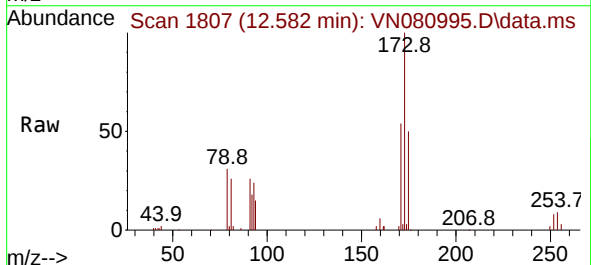
Manual Integrations
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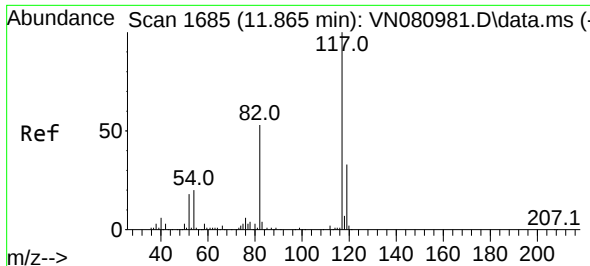
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 23.119 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

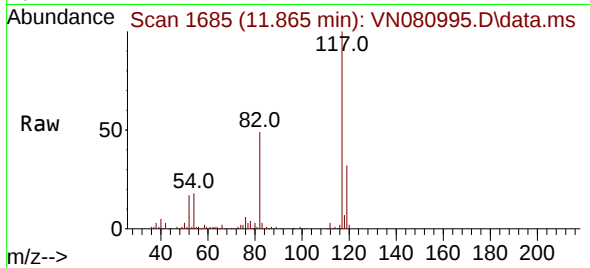
Tgt Ion:173 Resp: 76156
Ion Ratio Lower Upper
173 100
175 48.3 40.0 60.0
254 8.4 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

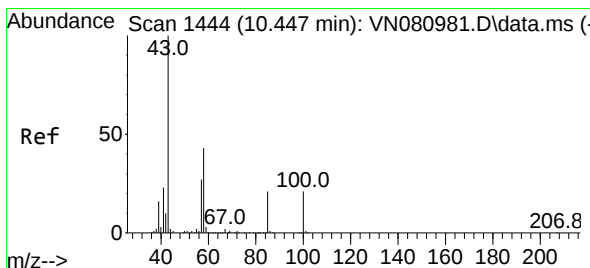
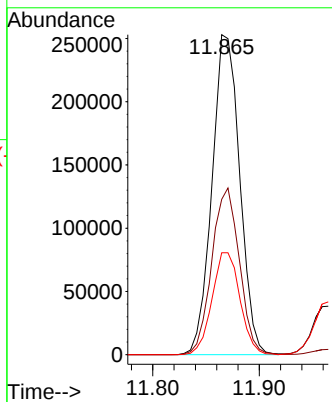
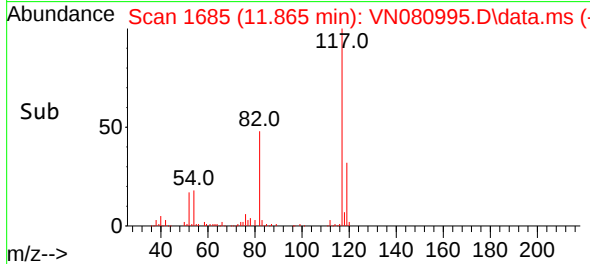
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 457294
Ion Ratio Lower Upper
117 100
82 51.9 46.6 69.8
119 32.1 25.4 38.2

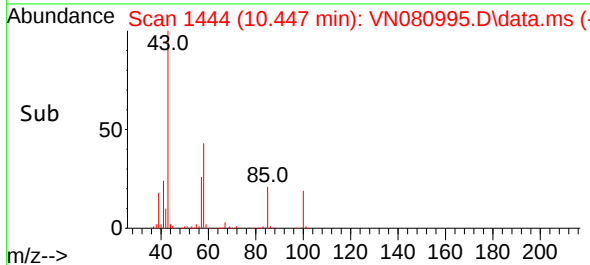
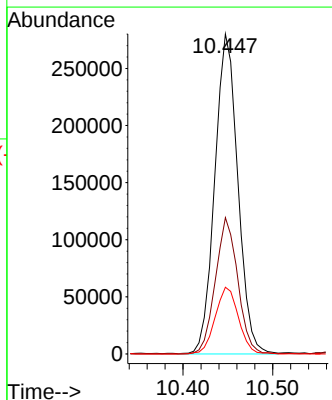
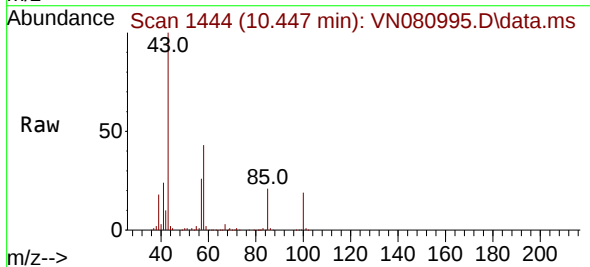
Manual Integrations
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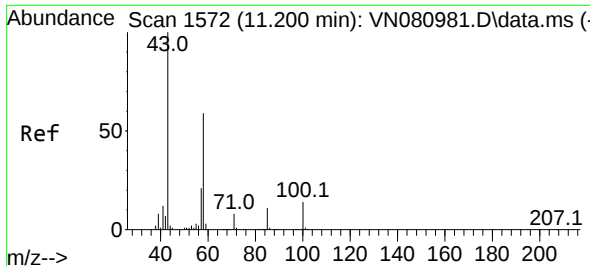
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 84.270 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

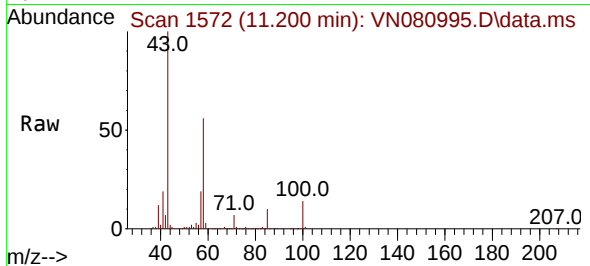
Tgt Ion: 43 Resp: 500309
Ion Ratio Lower Upper
43 100
58 41.2 36.5 54.7
85 21.1 19.5 29.3





#59
2-Hexanone
Concen: 82.533 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

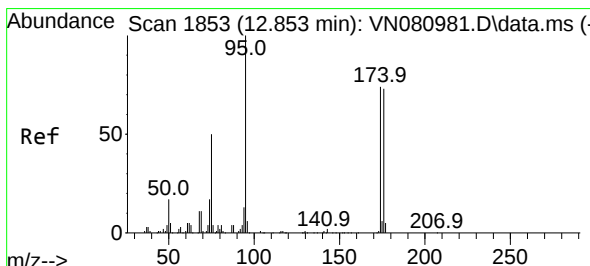
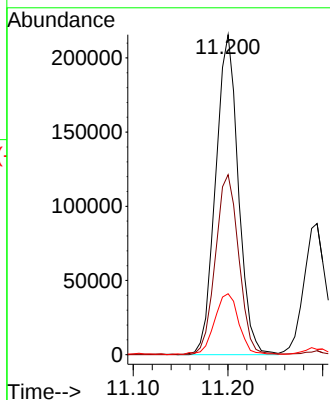
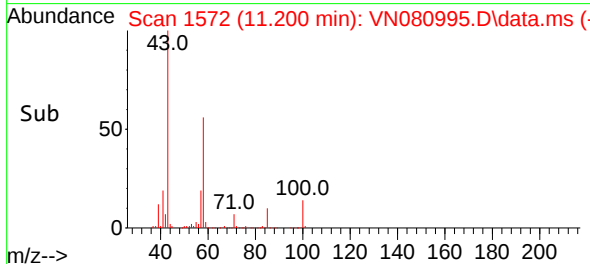
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 360389
Ion Ratio Lower Upper
43 100
58 57.5 50.4 75.6
57 20.2 18.6 27.8

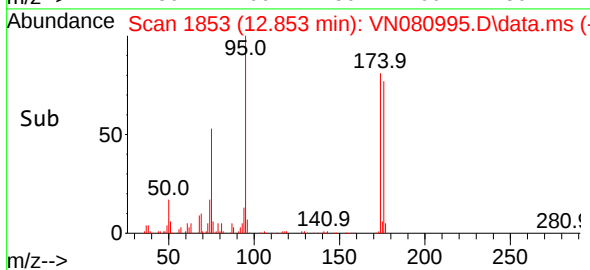
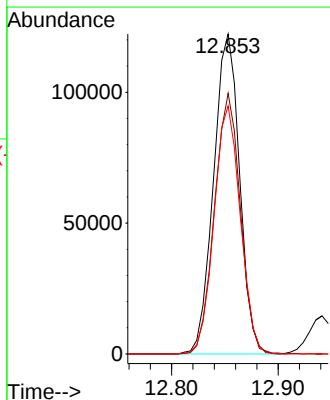
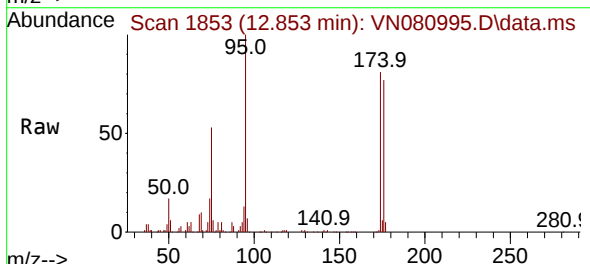
Manual Integrations
APPROVED

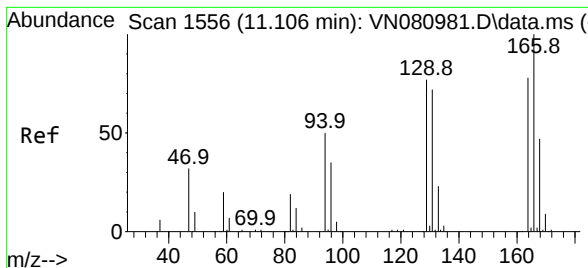
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 29.625 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

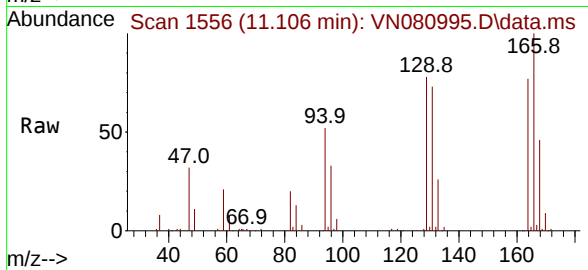
Tgt Ion: 95 Resp: 207111
Ion Ratio Lower Upper
95 100
174 80.9 60.5 90.7
176 78.2 57.8 86.6





#61
Tetrachloroethene
Concen: 16.719 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

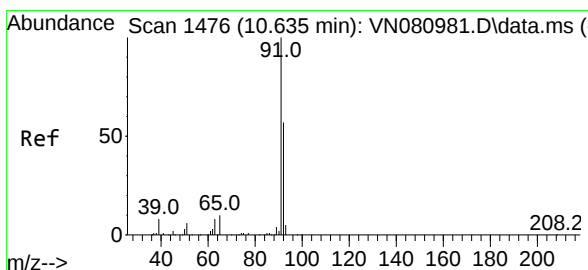
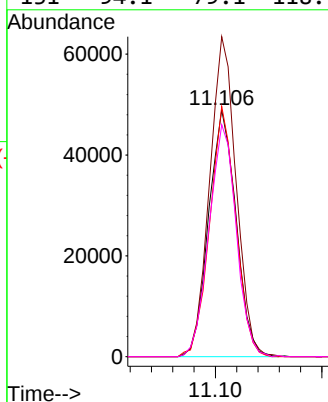
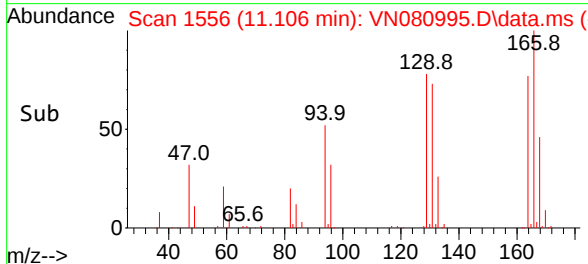
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



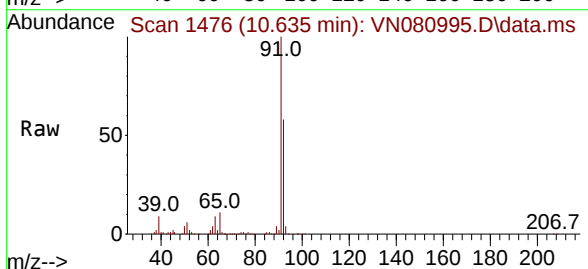
Tgt Ion:164 Resp: 87334
Ion Ratio Lower Upper
164 100
166 129.7 106.7 160.1
129 101.4 85.8 128.6
131 94.1 79.1 118.7

Manual Integrations
APPROVED

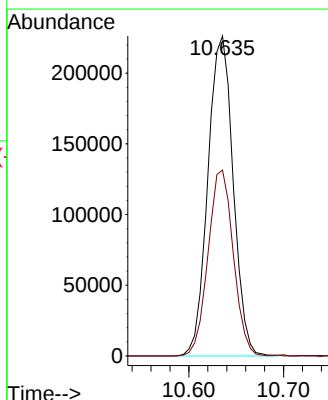
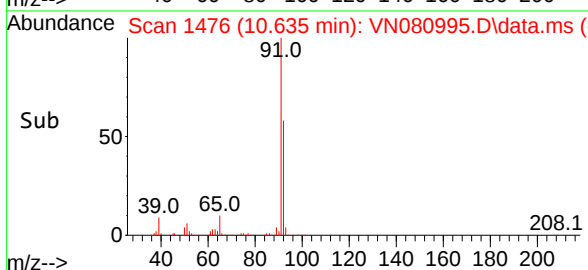
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

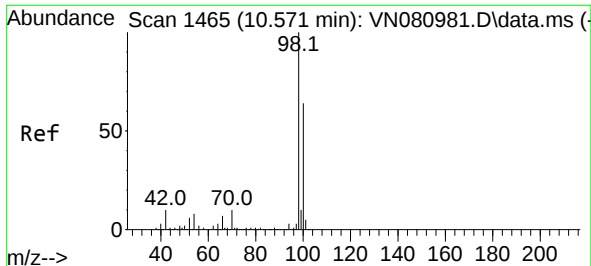


#62
Toluene
Concen: 16.740 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



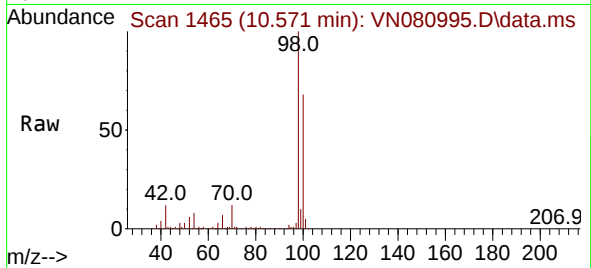
Tgt Ion: 91 Resp: 419343
Ion Ratio Lower Upper
91 100
92 58.0 46.5 69.7





#63
Toluene-d8
Concen: 26.408 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

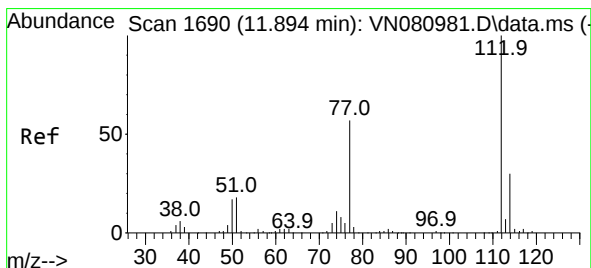
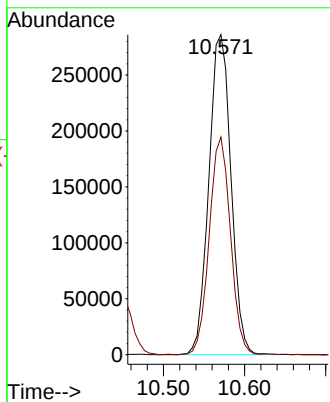
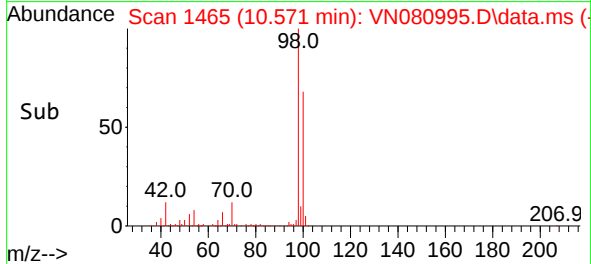
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



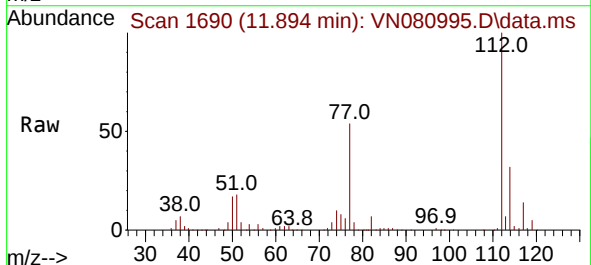
Tgt Ion: 98 Resp: 54194
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

Manual Integrations
APPROVED

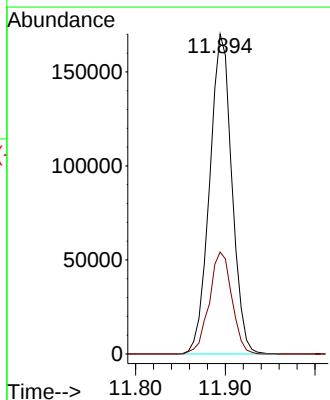
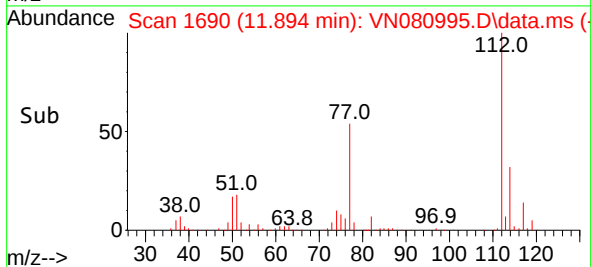
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

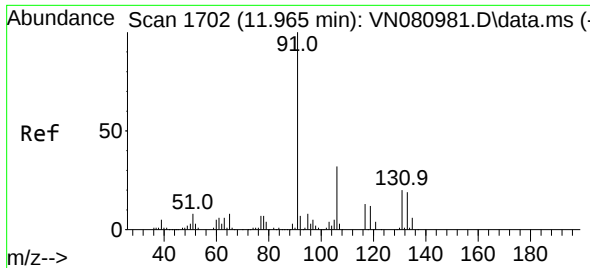


#64
Chlorobenzene
Concen: 19.090 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



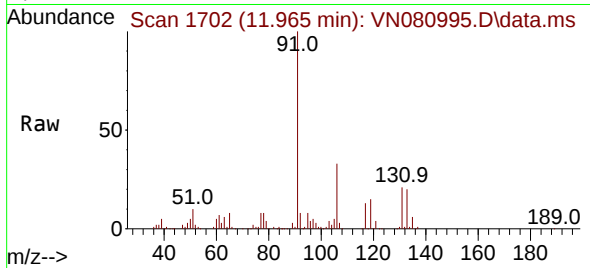
Tgt Ion:112 Resp: 292886
Ion Ratio Lower Upper
112 100
114 31.9 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.686 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

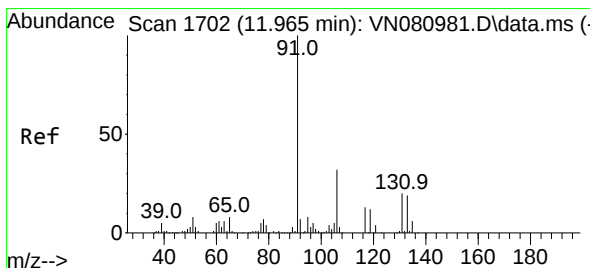
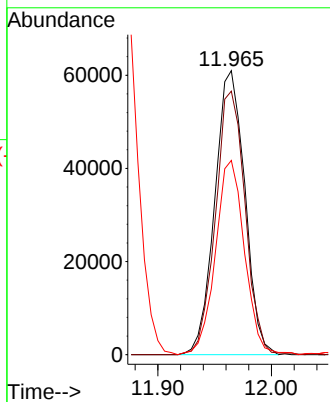
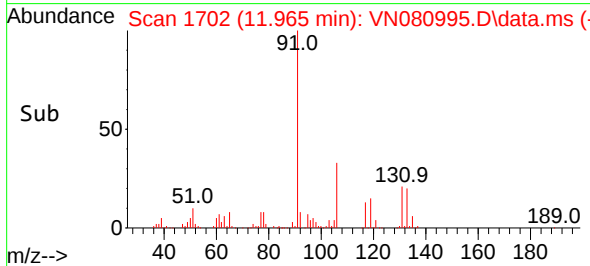
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



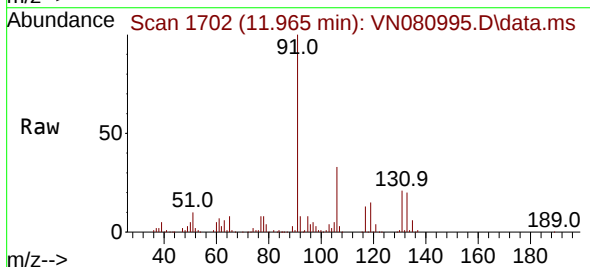
Tgt Ion:131 Resp: 112030
Ion Ratio Lower Upper
131 100
133 91.4 0.0 188.0
119 66.1 0.0 122.8

Manual Integrations
APPROVED

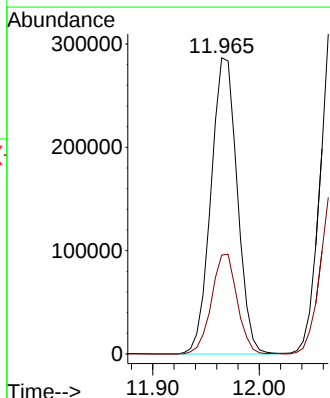
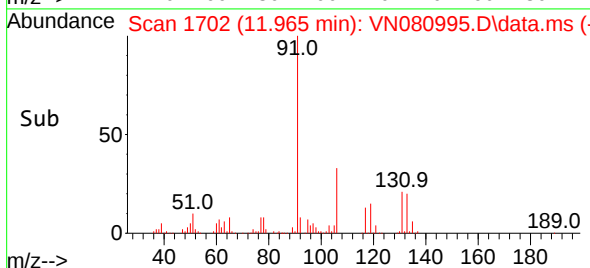
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

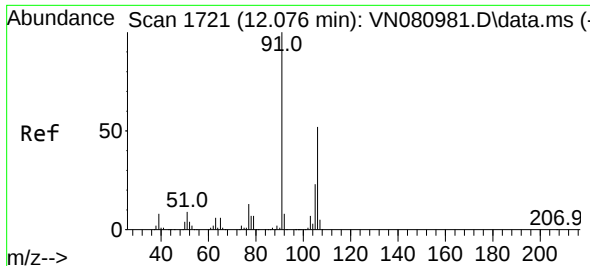


#66
Ethyl Benzene
Concen: 18.682 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



Tgt Ion: 91 Resp: 492052
Ion Ratio Lower Upper
91 100
106 33.4 24.4 36.6





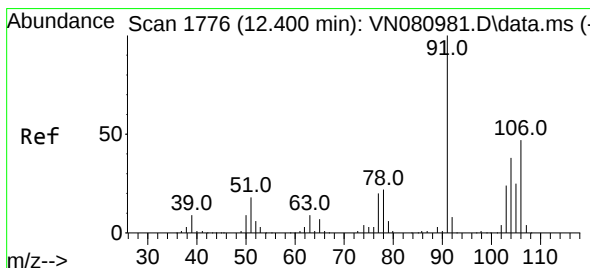
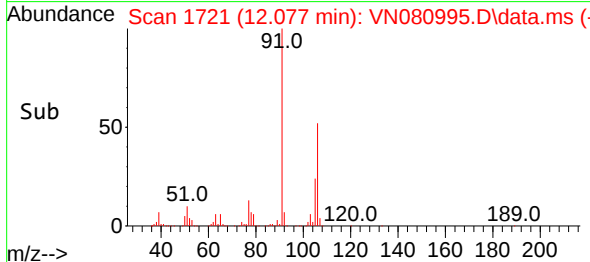
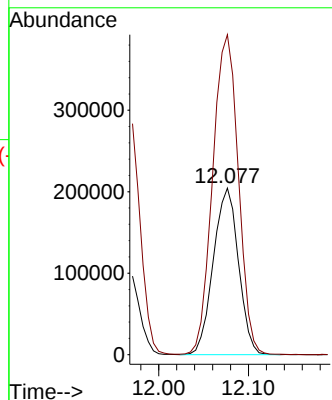
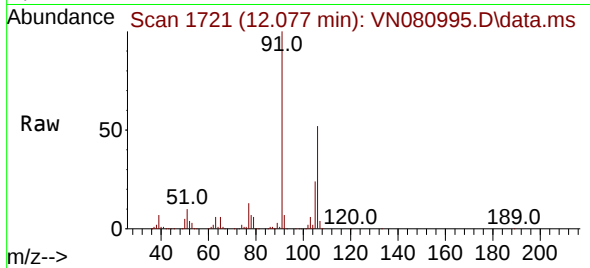
#67
m/p-Xylenes
Concen: 38.428 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 397482
Ion Ratio Lower Upper
106 100
91 195.5 166.6 249.8

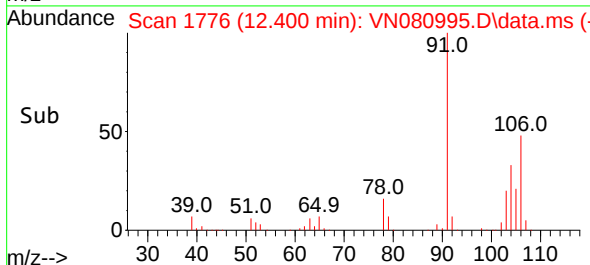
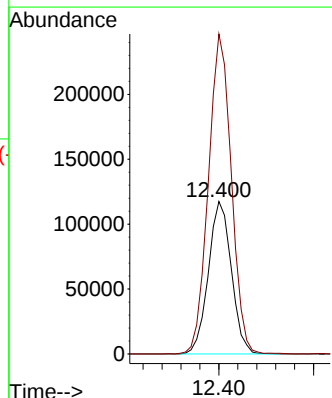
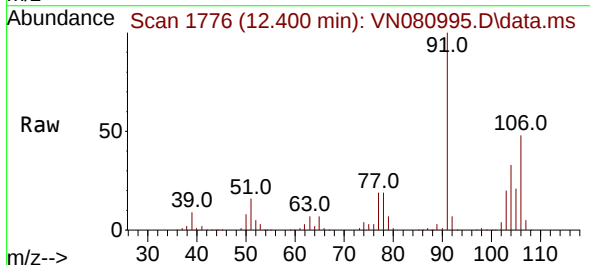
Manual Integrations
APPROVED

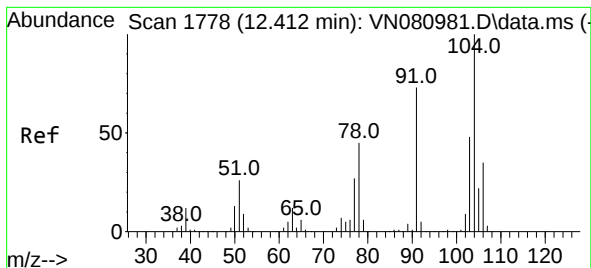
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 19.530 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion:106 Resp: 197962
Ion Ratio Lower Upper
106 100
91 208.9 110.0 330.0





#69

Styrene

Concen: 19.873 ug/l

RT: 12.418 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

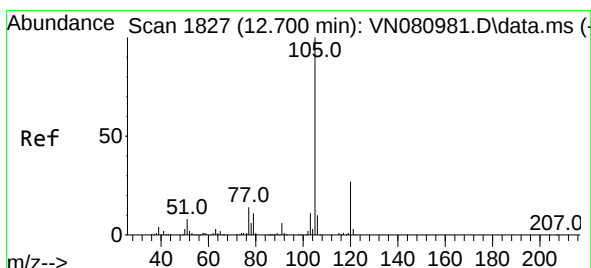
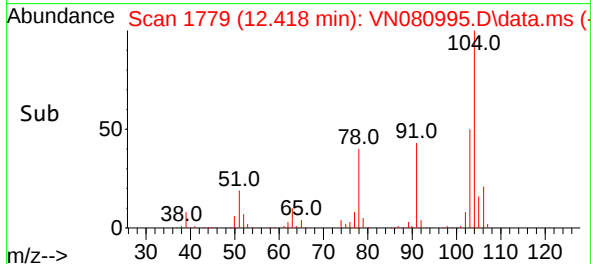
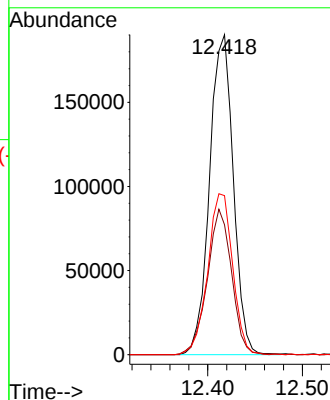
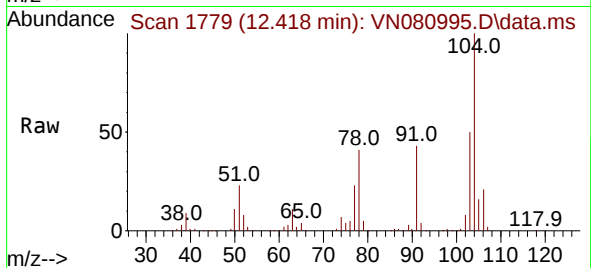
Tgt Ion:104 Resp: 331642
 Ion Ratio Lower Upper
 104 100
 78 46.4 42.6 64.0
 103 52.9 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#70

Isopropylbenzene

Concen: 19.629 ug/l

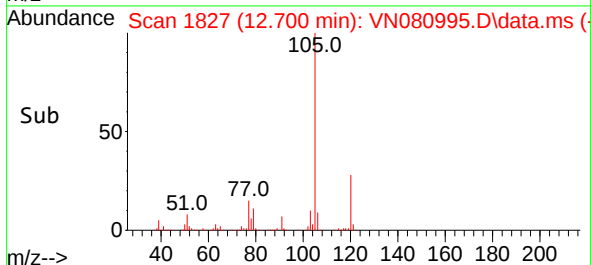
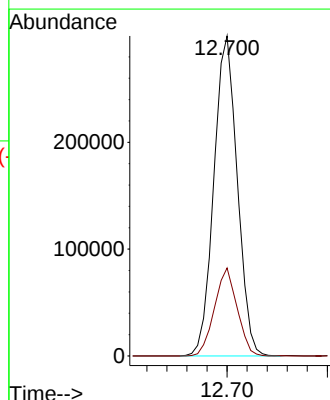
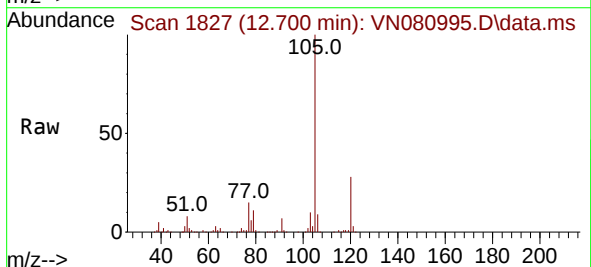
RT: 12.700 min Scan# 1827

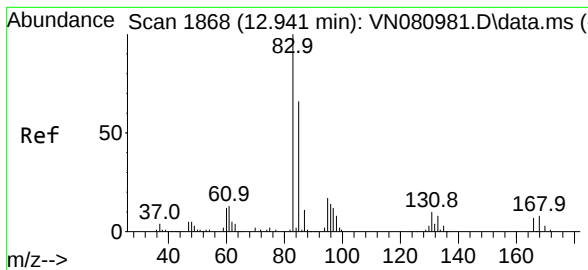
Delta R.T. 0.000 min

Lab File: VN080995.D

Acq: 09 Feb 2024 17:43

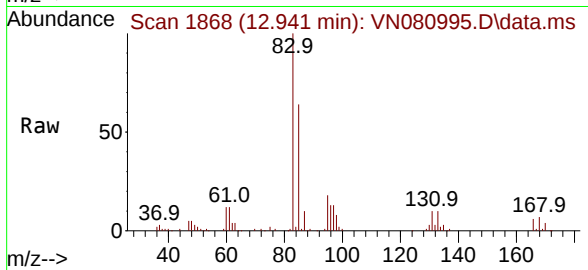
Tgt Ion:105 Resp: 484897
 Ion Ratio Lower Upper
 105 100
 120 26.6 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.285 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

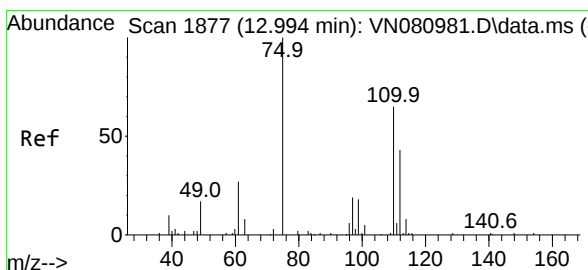
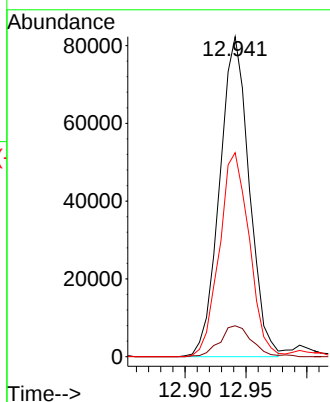
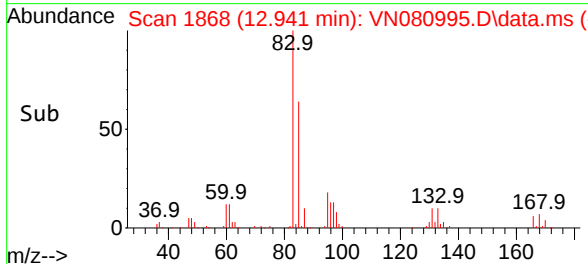
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



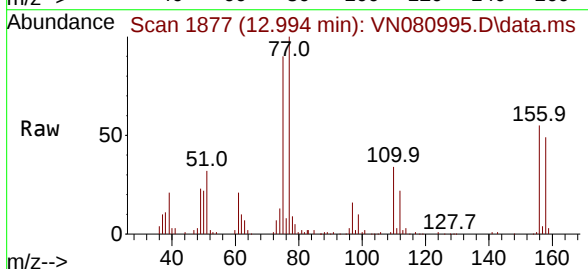
Tgt Ion: 83 Resp: 13928
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 64.4 32.3 96.8

Manual Integrations
APPROVED

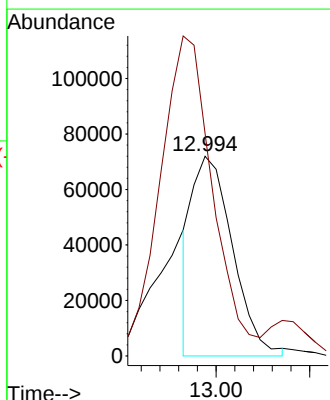
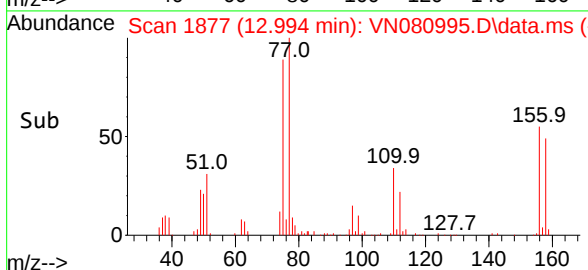
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

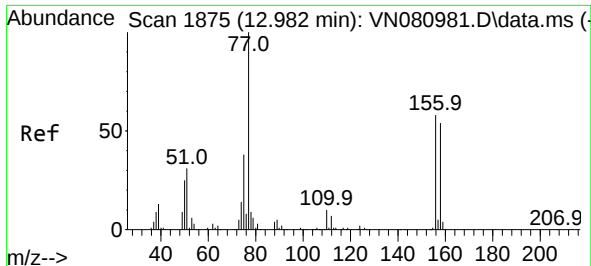


#72
1,2,3-Trichloropropane
Concen: 18.062 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



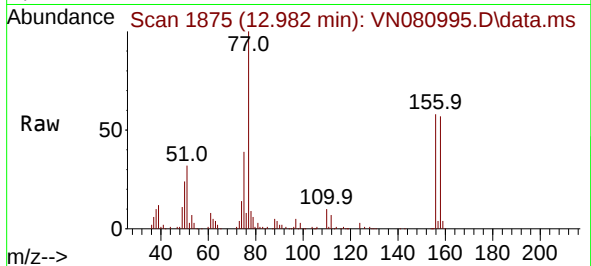
Tgt Ion: 75 Resp: 107704
Ion Ratio Lower Upper
75 100
77 210.0 0.0 367.6





#73
Bromobenzene
Concen: 18.695 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

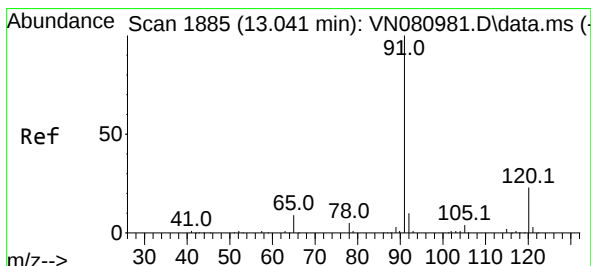
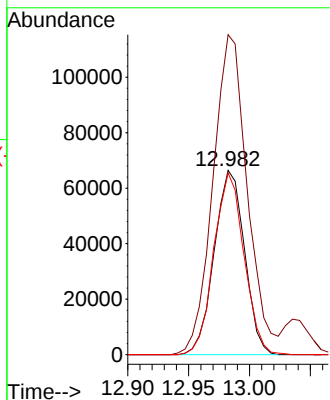
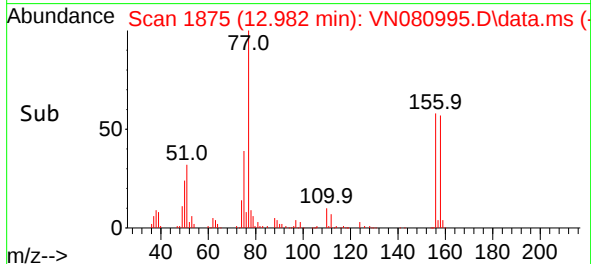
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



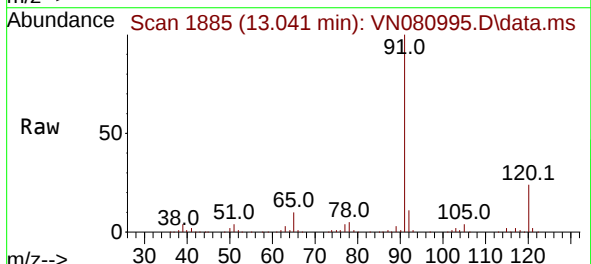
Tgt Ion:156 Resp: 114840
Ion Ratio Lower Upper
156 100
77 197.0 0.0 437.6
158 98.4 0.0 203.8

Manual Integrations
APPROVED

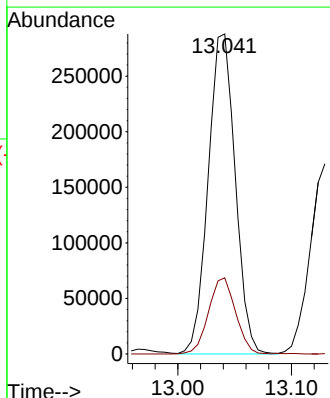
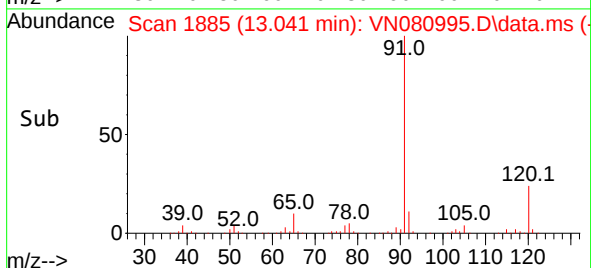
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

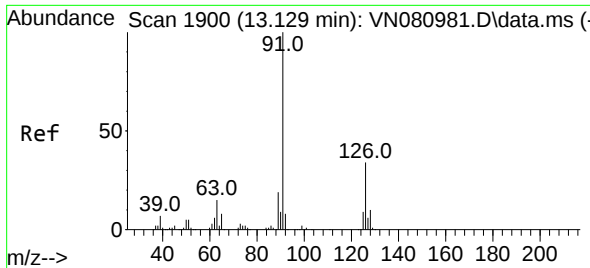


#74
n-propylbenzene
Concen: 16.966 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



Tgt Ion: 91 Resp: 476332
Ion Ratio Lower Upper
91 100
120 23.7 0.0 43.8





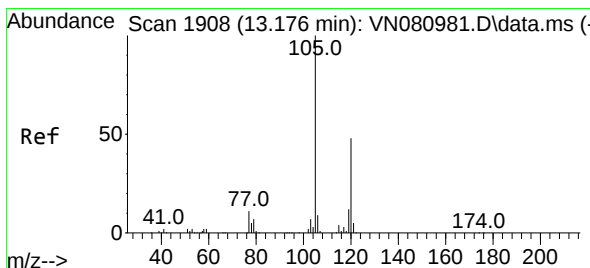
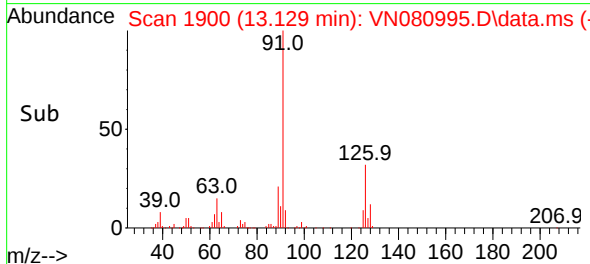
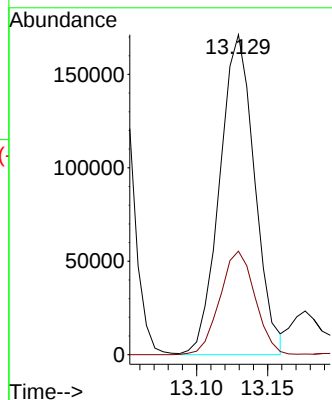
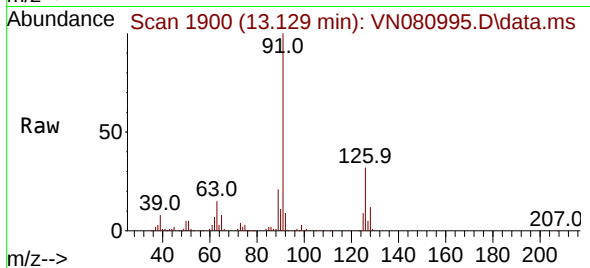
#75
2-Chlorotoluene
Concen: 16.846 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 29359
Ion Ratio Lower Upper
91 100
126 32.5 0.0 61.2

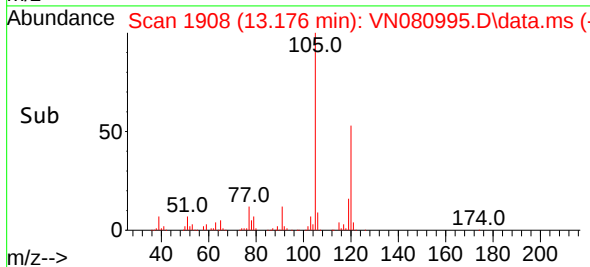
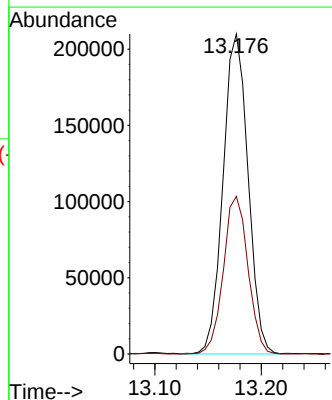
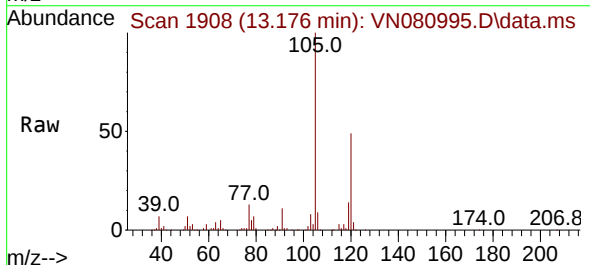
Manual Integrations
APPROVED

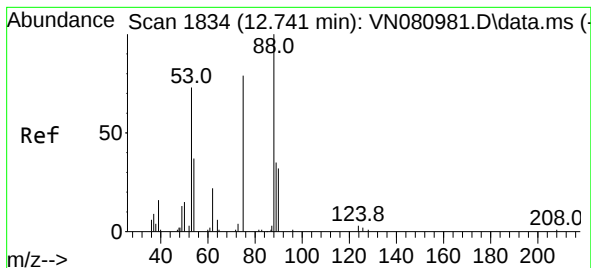
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 16.897 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

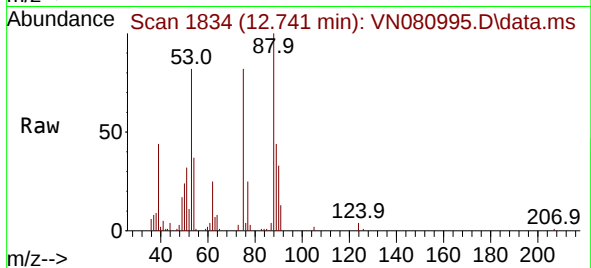
Tgt Ion:105 Resp: 341539
Ion Ratio Lower Upper
105 100
120 48.5 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 15.877 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

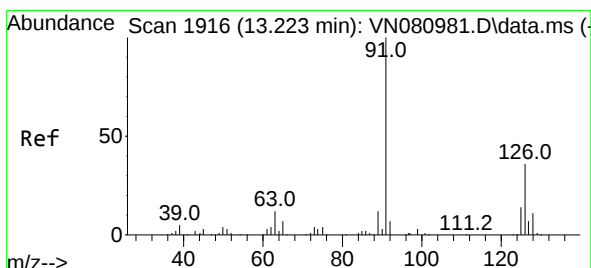
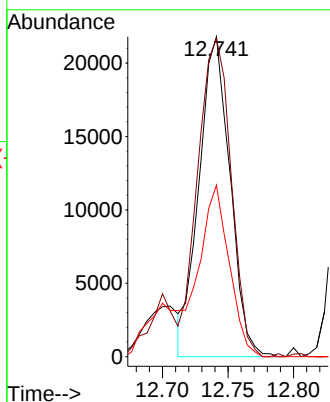
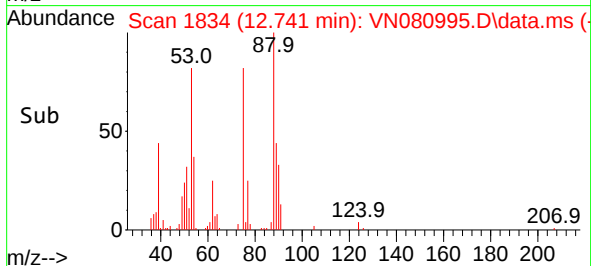
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



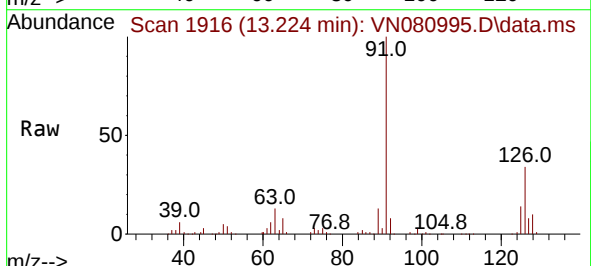
Tgt Ion: 75 Resp: 35820
Ion Ratio Lower Upper
75 100
53 98.6 45.9 137.7
89 53.6 25.9 77.7

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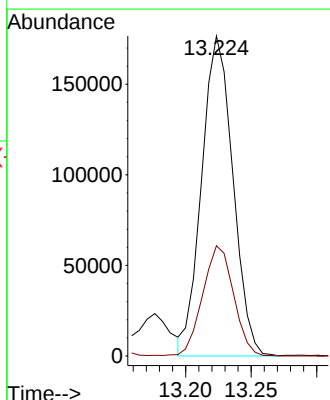
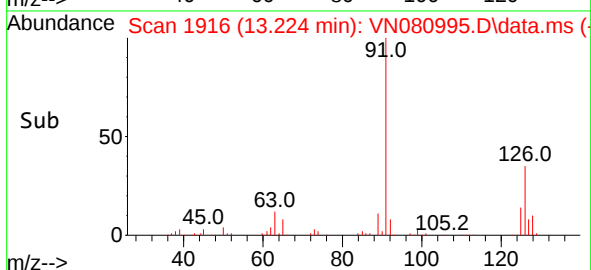
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

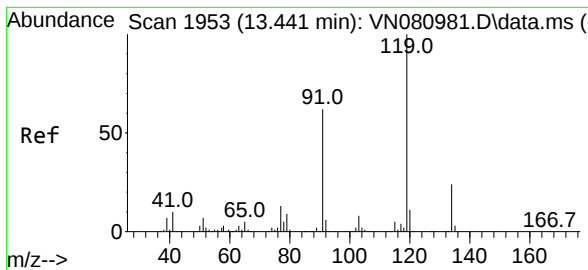


#78
4-Chlorotoluene
Concen: 16.780 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



Tgt Ion: 91 Resp: 292909
Ion Ratio Lower Upper
91 100
126 34.0 0.0 62.8





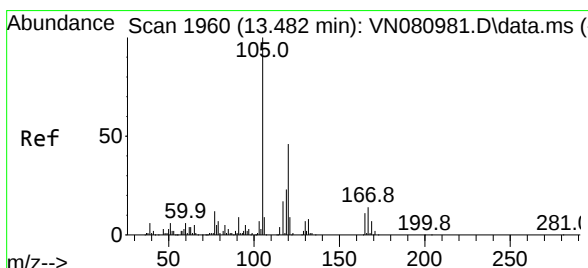
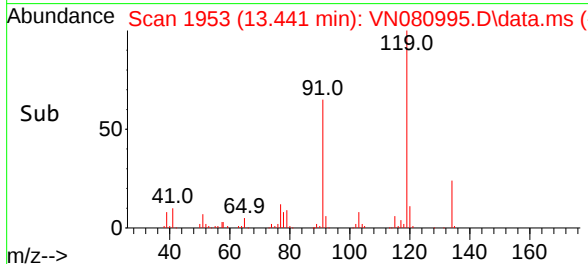
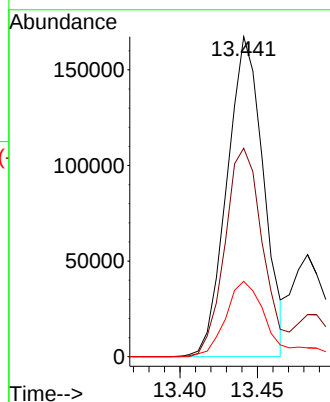
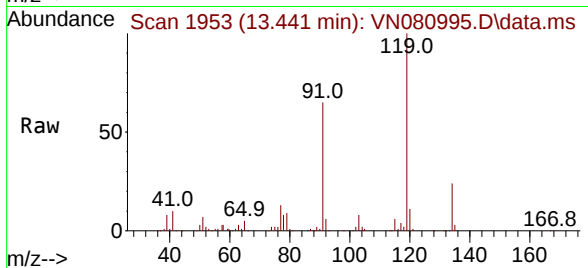
#79
tert-butylbenzene
Concen: 16.354 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 274400
Ion Ratio Lower Upper
119 100
91 67.6 0.0 138.8
134 24.7 0.0 48.6

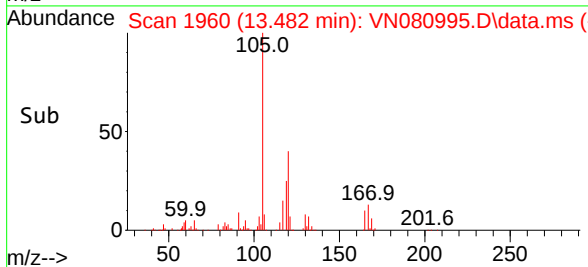
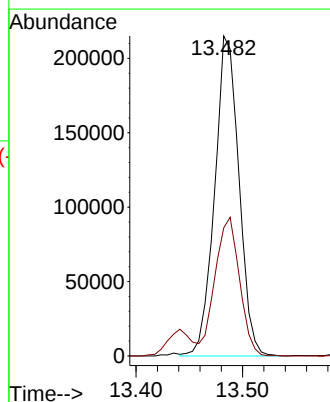
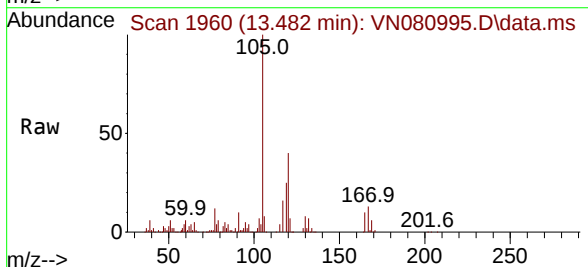
Manual Integrations
APPROVED

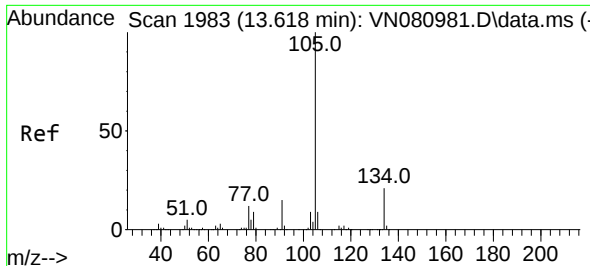
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 16.880 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion:105 Resp: 339952
Ion Ratio Lower Upper
105 100
120 43.4 0.0 86.8





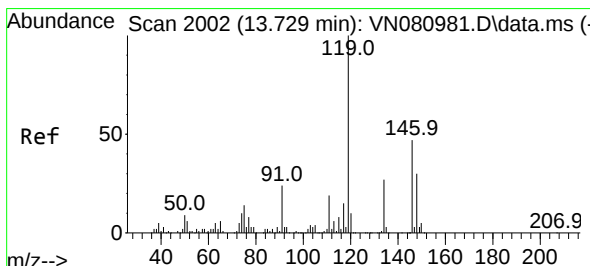
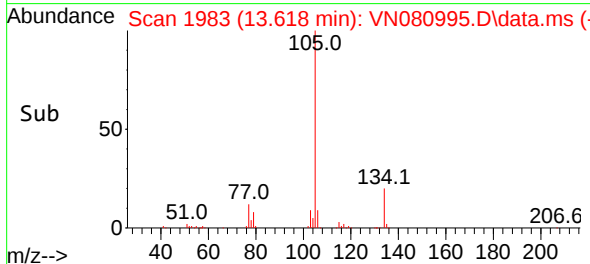
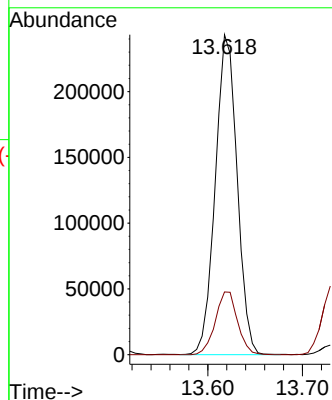
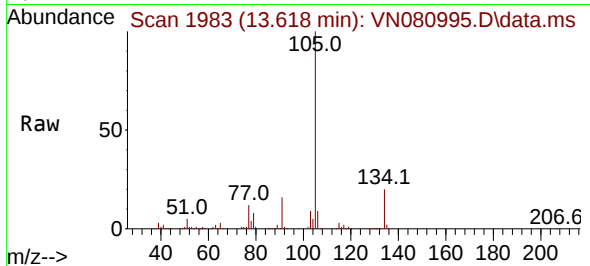
#81
 sec-Butylbenzene
 Concen: 16.592 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080995.D
 Acq: 09 Feb 2024 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 389844
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.0

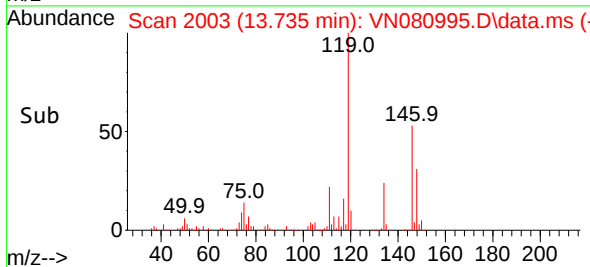
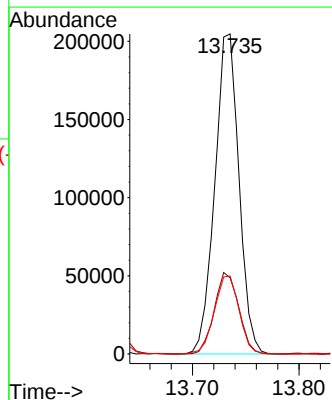
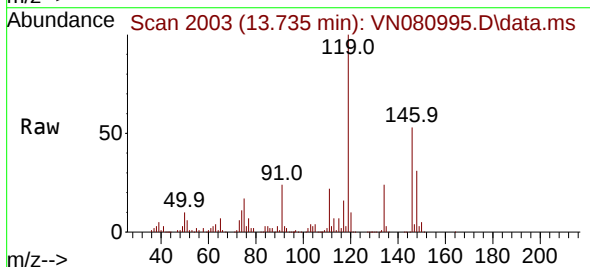
Manual Integrations
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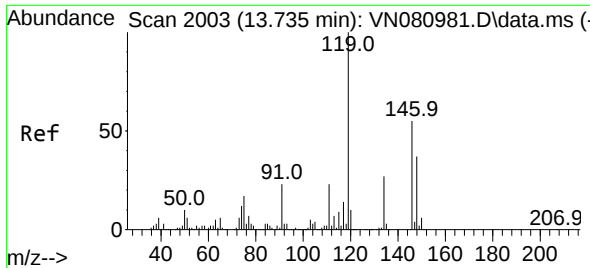
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#82
 p-Isopropyltoluene
 Concen: 16.323 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080995.D
 Acq: 09 Feb 2024 17:43

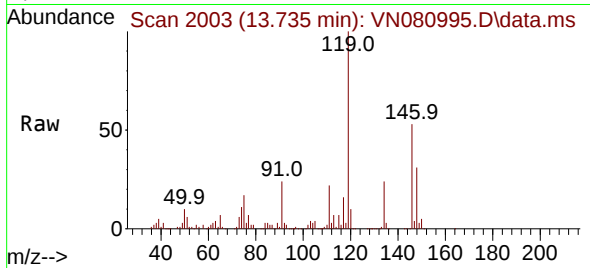
Tgt Ion:119 Resp: 321976
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 49.2
 91 25.0 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 16.628 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

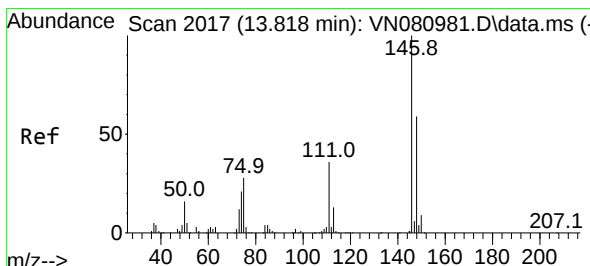
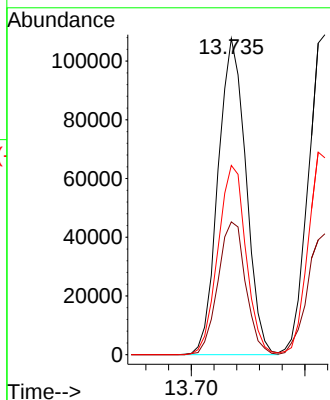
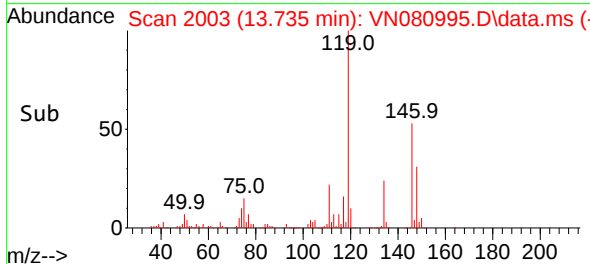
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



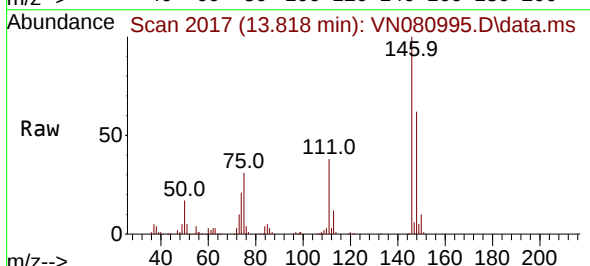
Tgt Ion:146 Resp: 183710
Ion Ratio Lower Upper
146 100
111 41.8 22.4 67.0
148 60.1 32.1 96.5

Manual Integrations
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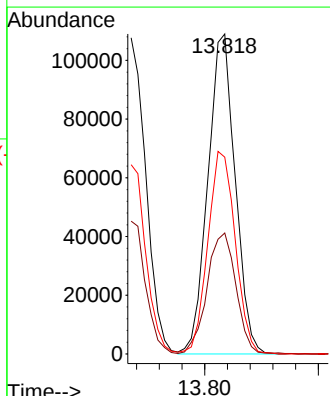
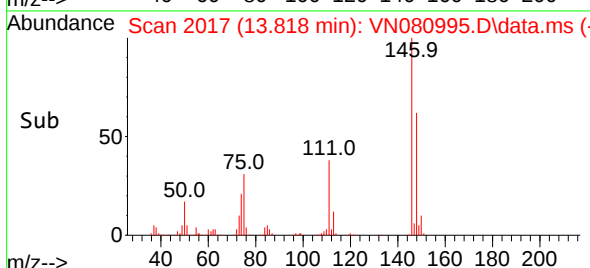
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

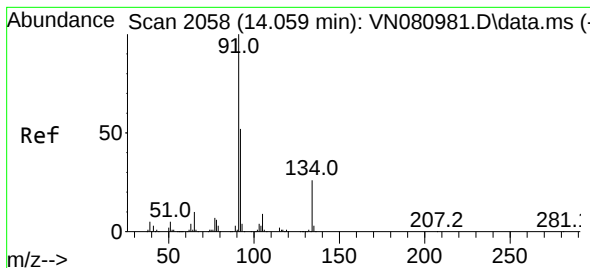


#84
1,4-Dichlorobenzene
Concen: 16.419 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



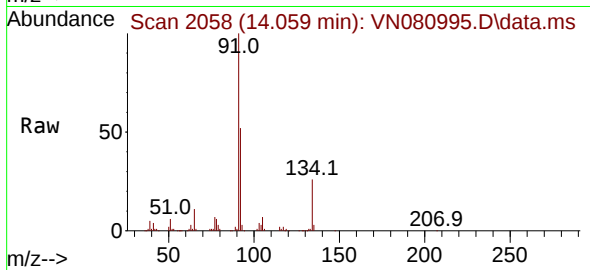
Tgt Ion:146 Resp: 182095
Ion Ratio Lower Upper
146 100
111 40.1 21.3 63.9
148 63.6 31.9 95.5





#85
n-Butylbenzene
Concen: 16.685 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

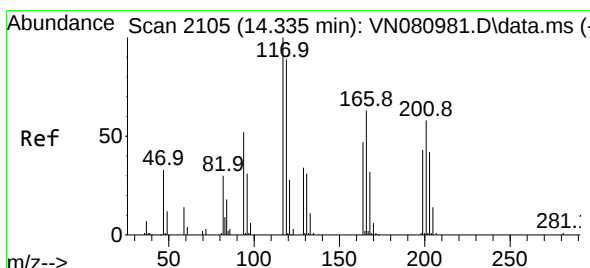
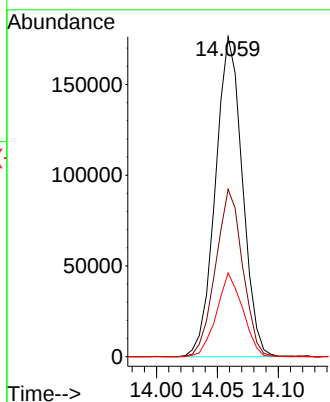
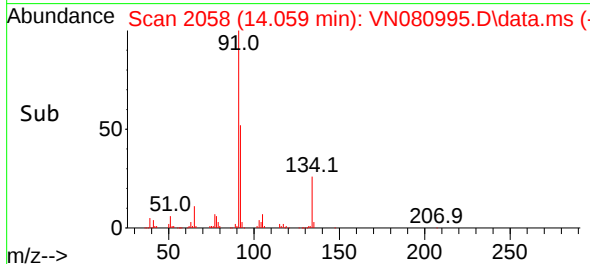
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 271568
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.0
134 25.3 0.0 51.8

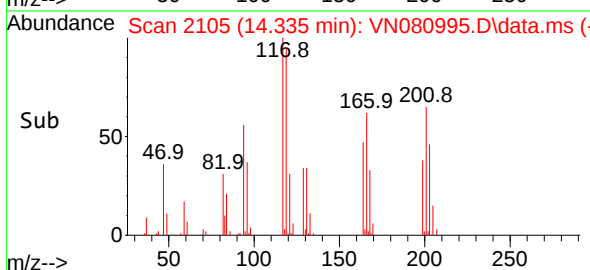
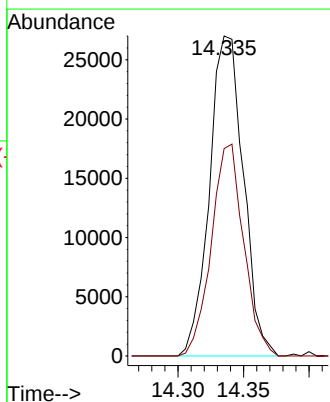
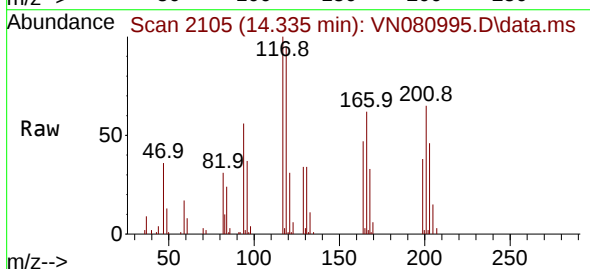
Manual Integrations
APPROVED

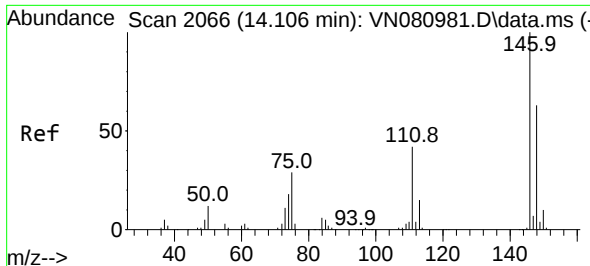
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 15.619 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

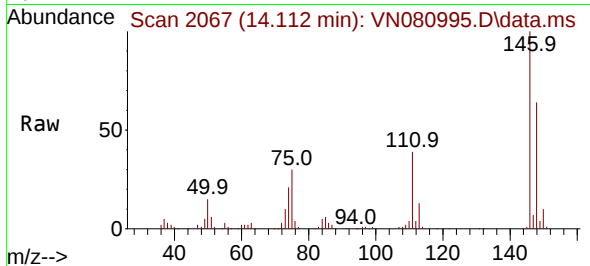
Tgt Ion:117 Resp: 48596
Ion Ratio Lower Upper
117 100
201 63.0 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 16.691 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

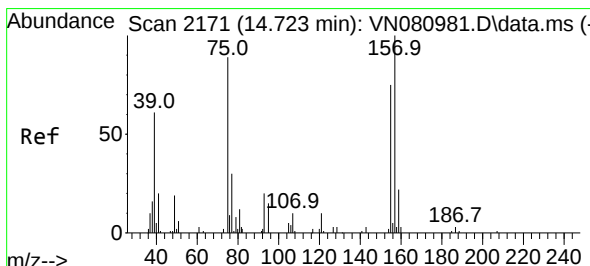
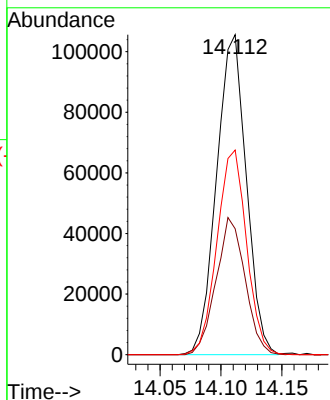
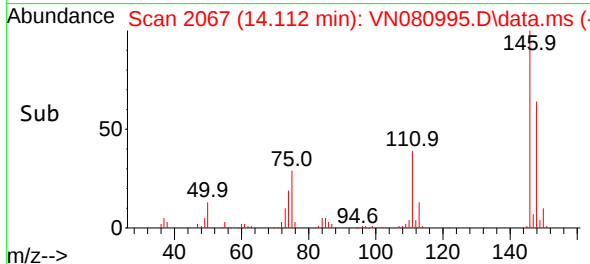
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 17954
Ion Ratio Lower Upper
146 100
111 41.8 22.6 67.8
148 63.7 31.3 93.8

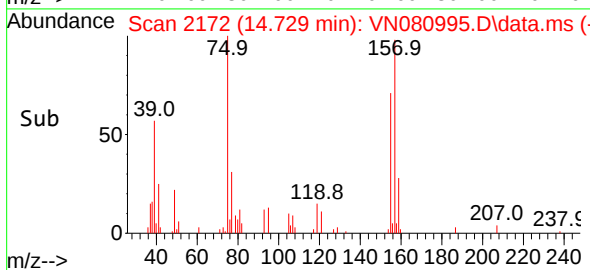
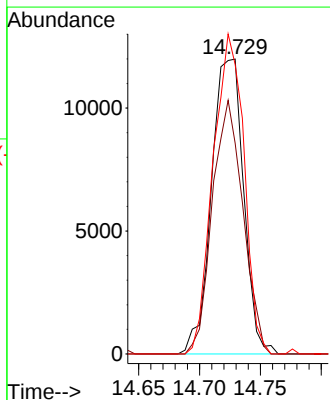
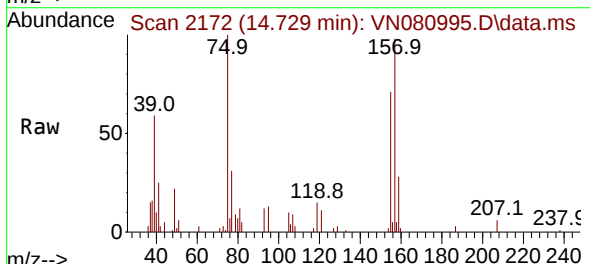
Manual Integrations
APPROVED

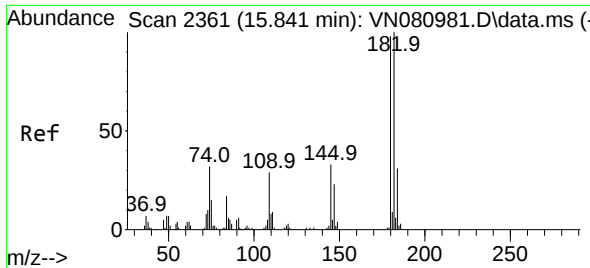
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.017 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

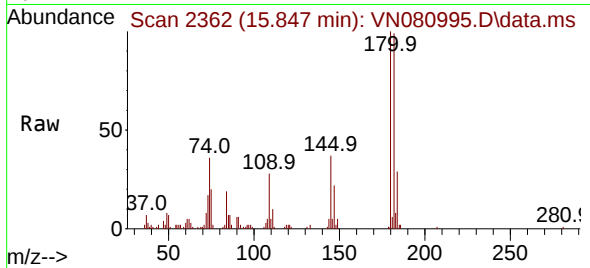
Tgt Ion: 75 Resp: 22022
Ion Ratio Lower Upper
75 100
155 82.0 61.7 92.5
157 104.2 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 16.425 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

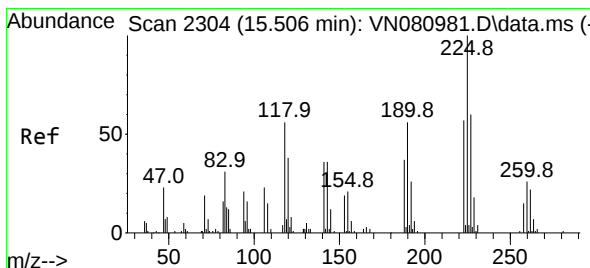
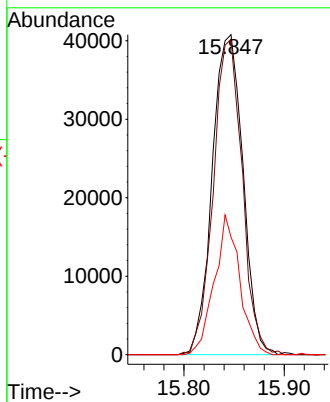
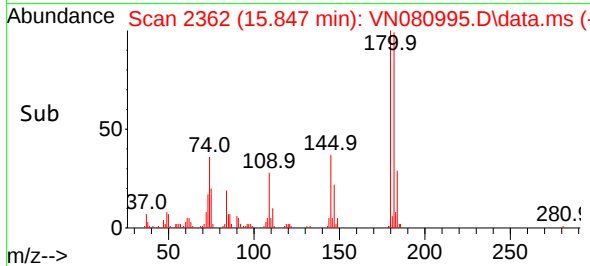
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



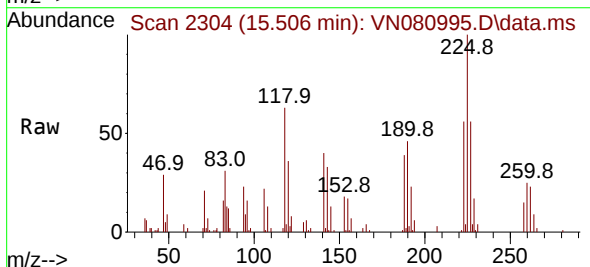
Tgt Ion:180 Resp: 8643
Ion Ratio Lower Upper
180 100
182 92.6 76.4 114.6
145 36.3 28.4 42.6

Manual Integrations
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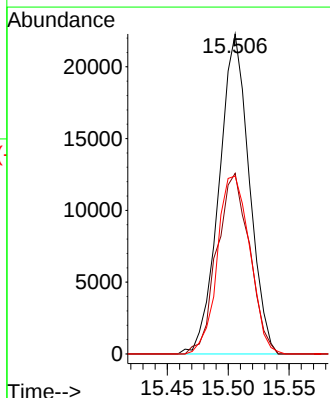
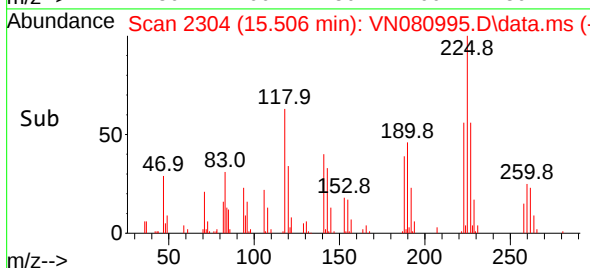
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

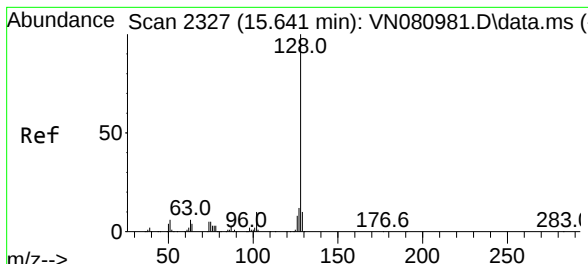


#90
Hexachlorobutadiene
Concen: 16.652 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43



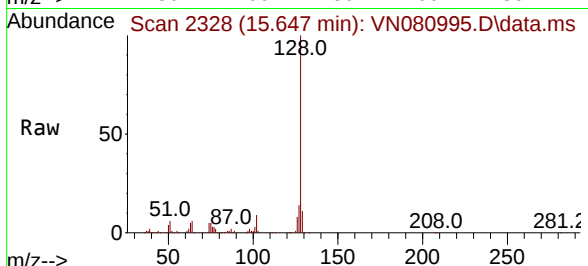
Tgt Ion:225 Resp: 38446
Ion Ratio Lower Upper
225 100
223 60.8 0.0 126.6
227 59.9 0.0 126.6





#91
Naphthalene
Concen: 15.760 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

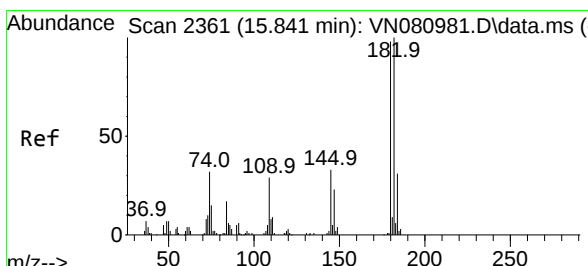
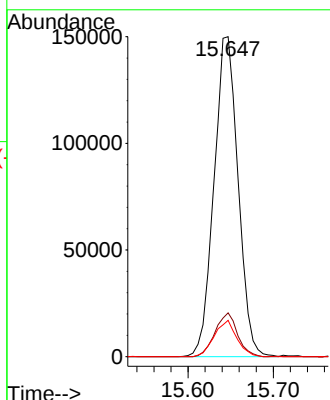
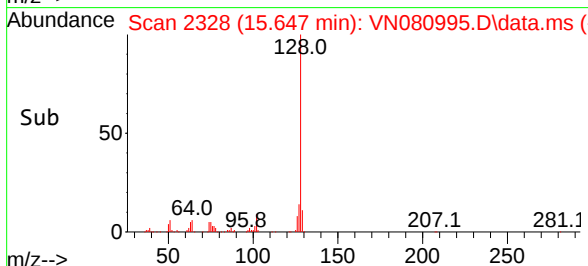
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 29448
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.425 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080995.D
Acq: 09 Feb 2024 17:43

Tgt Ion:180 Resp: 86437
Ion Ratio Lower Upper
180 100
182 92.6 0.0 191.0
145 36.3 0.0 71.0

