

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081401.D
 Acq On : 14 Mar 2024 11:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 01:09:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	340353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	595569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	547809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	246191	50.027	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.060%	
35) Dibromofluoromethane	8.171	113	190858	52.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.620%	
50) Toluene-d8	10.571	98	695895	51.018	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	12.853	95	249871	51.830	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	221878	49.178	ug/l	99
3) Chloromethane	2.359	50	207448	42.567	ug/l	98
4) Vinyl Chloride	2.518	62	223767	44.014	ug/l	95
5) Bromomethane	2.948	94	140131	41.269	ug/l	93
6) Chloroethane	3.124	64	149297	42.755	ug/l	95
7) Trichlorofluoromethane	3.500	101	358317	47.642	ug/l	96
8) Diethyl Ether	3.965	74	125387	47.320	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	199477	46.575	ug/l	92
10) Methyl Iodide	4.589	142	205030	52.312	ug/l #	96
11) Tert butyl alcohol	5.512	59	202767	235.639	ug/l	99
12) 1,1-Dichloroethene	4.342	96	177577	44.770	ug/l	94
13) Acrolein	4.177	56	204514	200.714	ug/l	98
14) Allyl chloride	5.024	41	269595	45.800	ug/l #	86
15) Acrylonitrile	5.718	53	503696	224.065	ug/l	97
16) Acetone	4.424	43	362716	208.030	ug/l	99
17) Carbon Disulfide	4.712	76	470460	41.558	ug/l #	95
18) Methyl Acetate	5.024	43	267262	53.538	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	648128	48.180	ug/l	99
20) Methylene Chloride	5.271	84	209721	48.662	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	199469	44.605	ug/l	97
22) Diisopropyl ether	6.671	45	666276	50.961	ug/l #	94
23) Vinyl Acetate	6.600	43	2501613	235.528	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	383389	47.904	ug/l	99
25) 2-Butanone	7.483	43	631019	216.106	ug/l	94
26) 2,2-Dichloropropane	7.488	77	336719	47.603	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	234872	46.327	ug/l	91
28) Bromochloromethane	7.812	49	170904	49.906	ug/l #	73
29) Tetrahydrofuran	7.841	42	437465	219.709	ug/l	91
30) Chloroform	7.965	83	410193	49.390	ug/l	95
31) Cyclohexane	8.259	56	311415	41.798	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	361467	49.238	ug/l	94
36) 1,1-Dichloropropene	8.371	75	292061	49.614	ug/l	98
37) Ethyl Acetate	7.559	43	267565	46.497	ug/l	99
38) Carbon Tetrachloride	8.359	117	313762	52.959	ug/l	99
39) Methylcyclohexane	9.600	83	322665	47.628	ug/l	92
40) Benzene	8.606	78	858884	48.881	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081401.D
 Acq On : 14 Mar 2024 11:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:09:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	156149	48.051	ug/l	97
42) 1,2-Dichloroethane	8.677	62	317004	51.168	ug/l	100
43) Isopropyl Acetate	8.688	43	483496	48.004	ug/l	98
44) Trichloroethene	9.353	130	220912	49.849	ug/l	97
45) 1,2-Dichloropropane	9.624	63	225831	51.162	ug/l	99
46) Dibromomethane	9.712	93	157605	50.656	ug/l	92
47) Bromodichloromethane	9.888	83	322344	53.368	ug/l #	99
48) Methyl methacrylate	9.682	41	220451	49.517	ug/l	90
49) 1,4-Dioxane	9.694	88	81150	826.983	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1423551	243.414	ug/l	97
52) Toluene	10.629	92	535328	50.434	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	341163	52.204	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	365134	51.757	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	215071	51.096	ug/l	97
56) Ethyl methacrylate	10.876	69	319292	52.828	ug/l	91
57) 1,3-Dichloropropane	11.165	76	373873	50.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	890461	273.888	ug/l #	88
59) 2-Hexanone	11.194	43	1065736	243.758	ug/l	98
60) Dibromochloromethane	11.359	129	232220	53.570	ug/l	100
61) 1,2-Dibromoethane	11.471	107	215349	49.309	ug/l	98
64) Tetrachloroethene	11.106	164	217391	50.682	ug/l	92
65) Chlorobenzene	11.894	112	566023	49.033	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	216011	51.137	ug/l	96
67) Ethyl Benzene	11.965	91	1050557	50.522	ug/l	99
68) m/p-Xylenes	12.070	106	789799	100.923	ug/l	100
69) o-Xylene	12.400	106	386492	50.959	ug/l	97
70) Styrene	12.412	104	639194	53.182	ug/l	97
71) Bromoform	12.582	173	147694	50.362	ug/l #	91
73) Isopropylbenzene	12.700	105	1022609	50.134	ug/l	98
74) N-amyl acetate	12.494	43	421776	49.281	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	282193	44.829	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	271534m	45.510	ug/l	
77) Bromobenzene	12.982	156	224599	46.441	ug/l	80
78) n-propylbenzene	13.035	91	1256399	52.077	ug/l	98
79) 2-Chlorotoluene	13.129	91	729884	49.494	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	877959	52.069	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	120020	56.140	ug/l	98
82) 4-Chlorotoluene	13.223	91	737780	50.651	ug/l	97
83) tert-Butylbenzene	13.441	119	726646	50.268	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	880337	51.532	ug/l	97
85) sec-Butylbenzene	13.617	105	1071550	51.239	ug/l	96
86) p-Isopropyltoluene	13.729	119	888708	52.991	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	438301	47.996	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	427742	46.863	ug/l	98
89) n-Butylbenzene	14.059	91	795699	51.736	ug/l	97
90) Hexachloroethane	14.335	117	153942	52.429	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	416466	47.533	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62249	46.211	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	232458	49.636	ug/l	99
94) Hexachlorobutadiene	15.506	225	88517	45.741	ug/l	98
95) Naphthalene	15.641	128	817452	49.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	231427	48.728	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
Data File : VN081401.D
Acq On : 14 Mar 2024 11:22
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

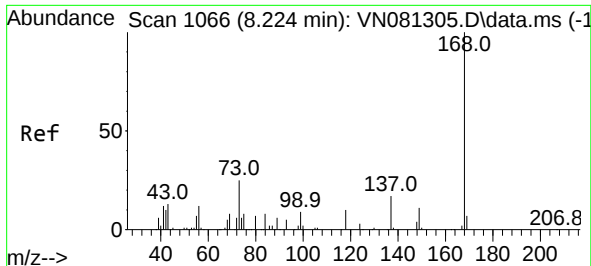
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:09:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

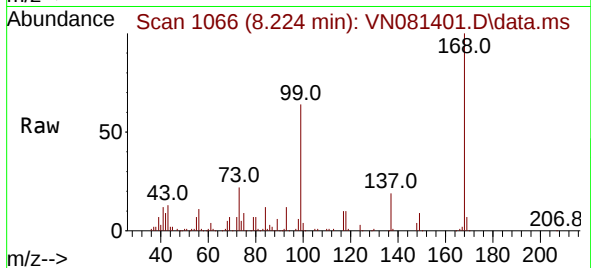
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

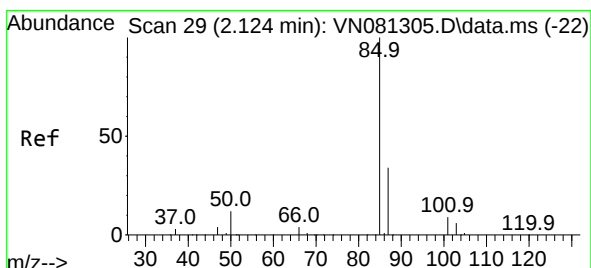
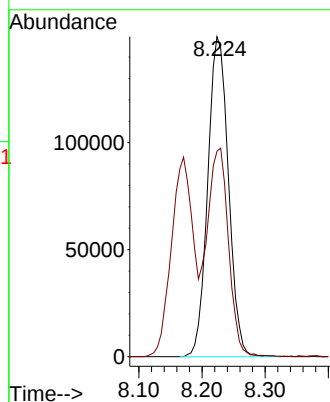
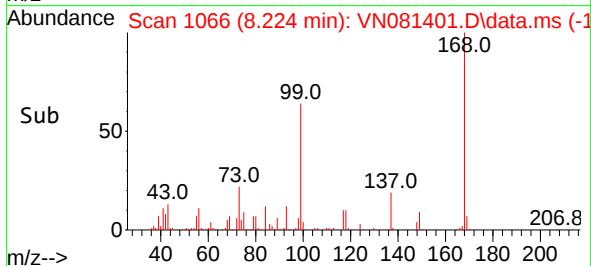
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 34035
Ion Ratio Lower Upper
168 100
99 64.0 59.9 89.9

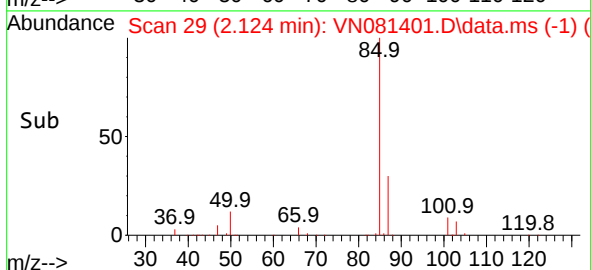
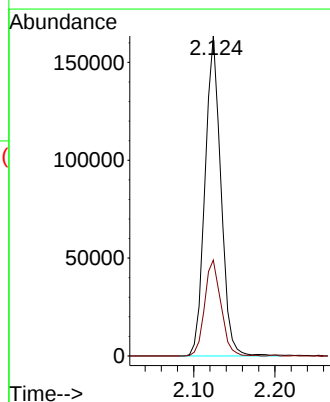
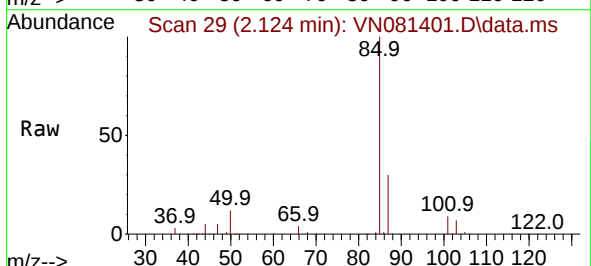
Manual Integrations
APPROVED

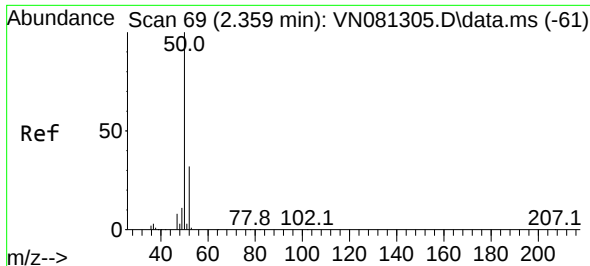
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#2
Dichlorodifluoromethane
Concen: 49.178 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

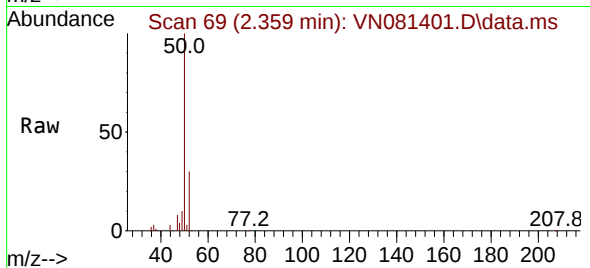
Tgt Ion: 85 Resp: 221878
Ion Ratio Lower Upper
85 100
87 30.0 15.3 45.9





#3
Chloromethane
Concen: 42.567 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

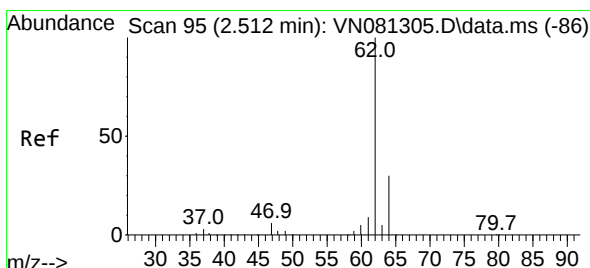
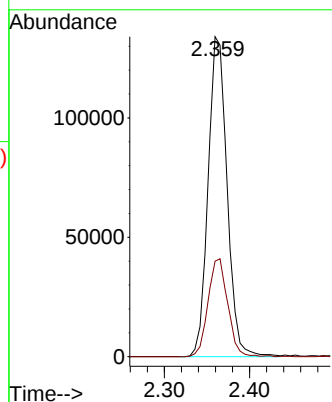
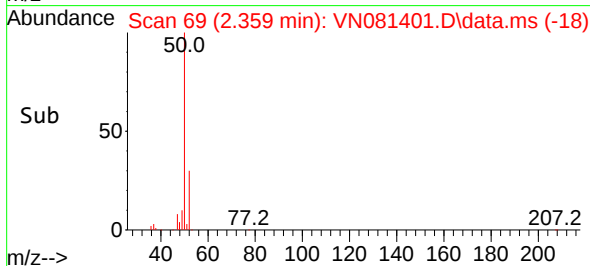
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 207448
Ion Ratio Lower Upper
50 100
52 29.8 25.0 37.4

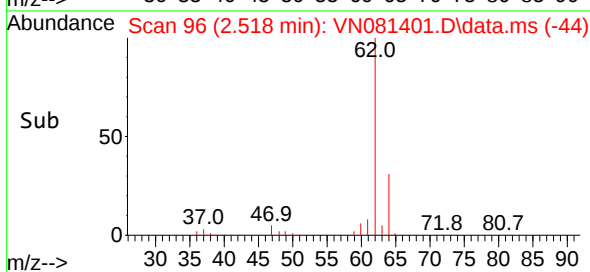
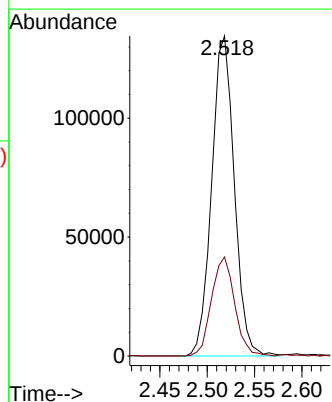
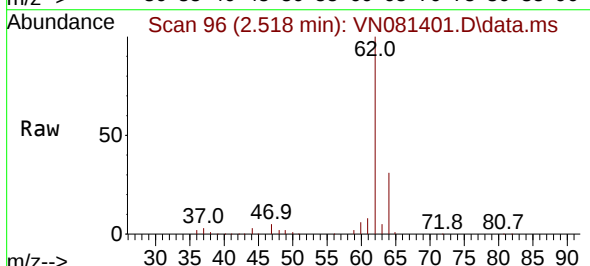
Manual Integrations
APPROVED

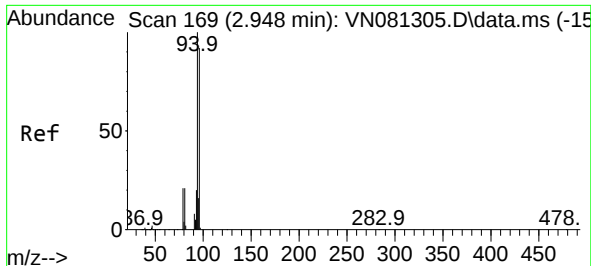
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#4
Vinyl Chloride
Concen: 44.014 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

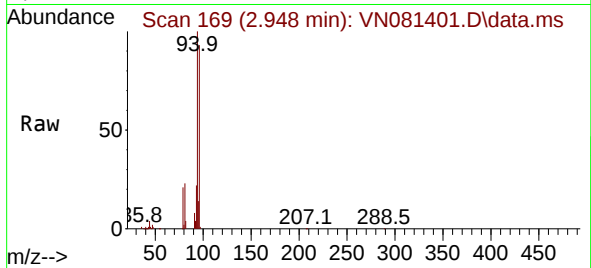
Tgt Ion: 62 Resp: 223767
Ion Ratio Lower Upper
62 100
64 31.0 22.7 34.1





#5
Bromomethane
Concen: 41.269 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

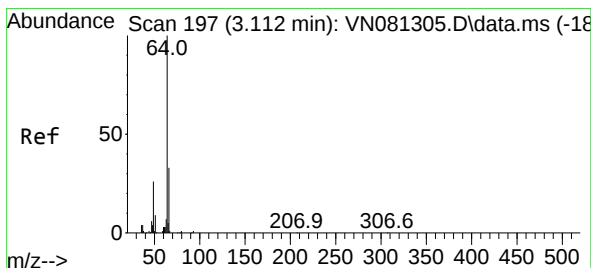
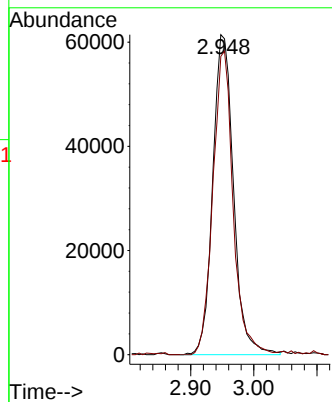
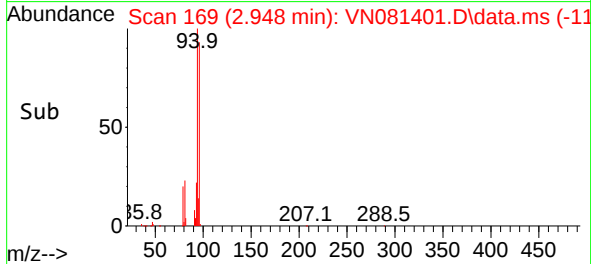
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 14013
Ion Ratio Lower Upper
94 100
96 93.3 69.2 103.8

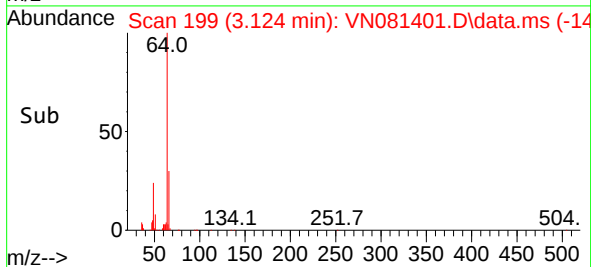
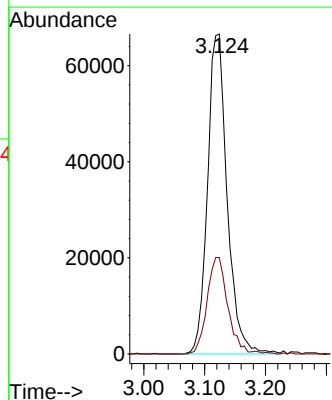
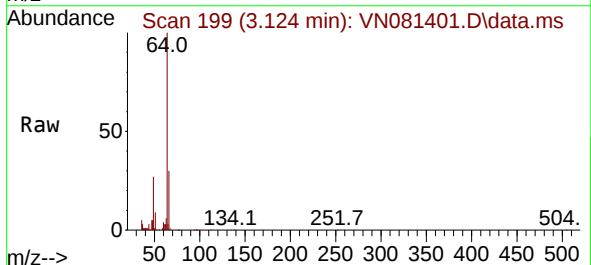
Manual Integrations
APPROVED

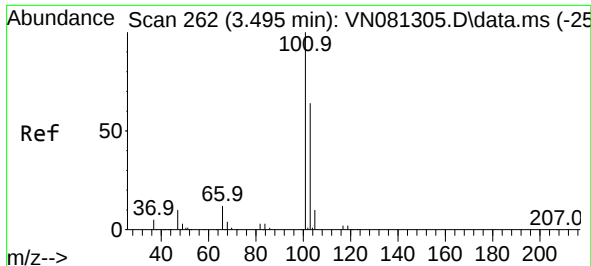
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#6
Chloroethane
Concen: 42.755 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 64 Resp: 149297
Ion Ratio Lower Upper
64 100
66 30.1 26.4 39.6





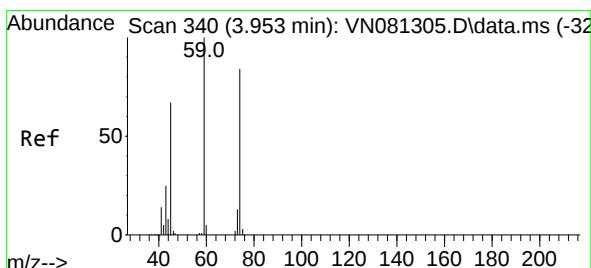
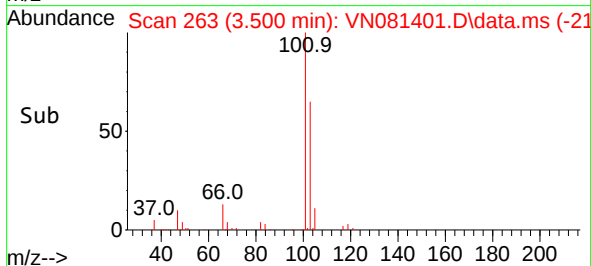
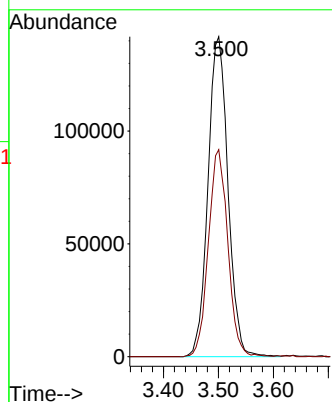
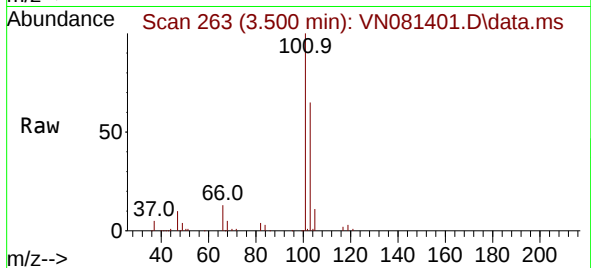
#7
Trichlorofluoromethane
Concen: 47.642 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 35831
Ion Ratio Lower Upper
101 100
103 64.7 54.4 81.6

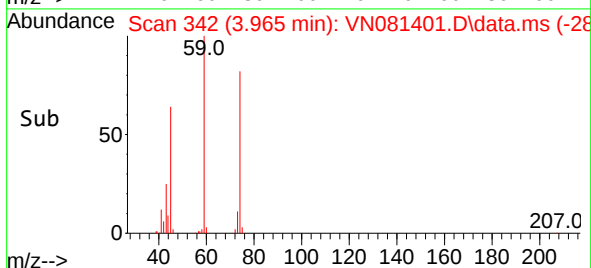
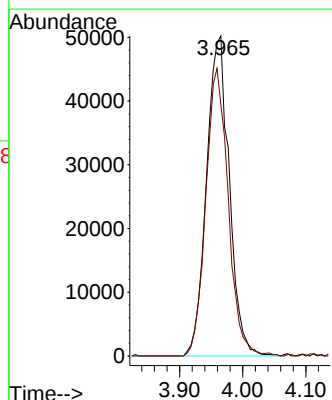
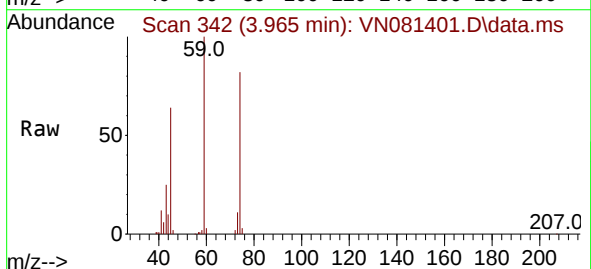
Manual Integrations
APPROVED

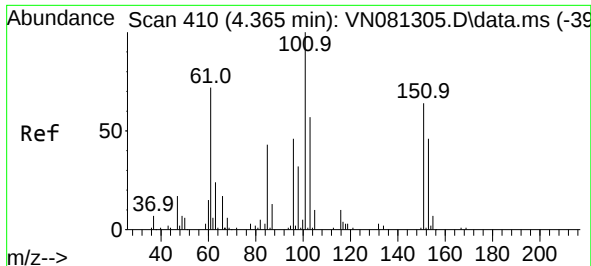
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#8
Diethyl Ether
Concen: 47.320 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 74 Resp: 125387
Ion Ratio Lower Upper
74 100
45 88.6 53.3 159.9





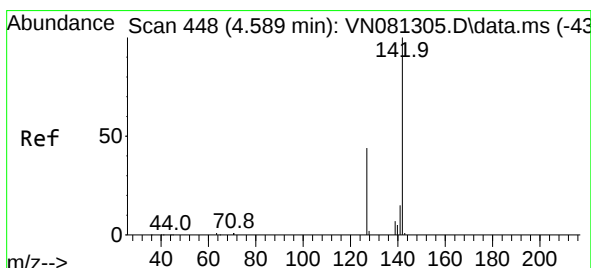
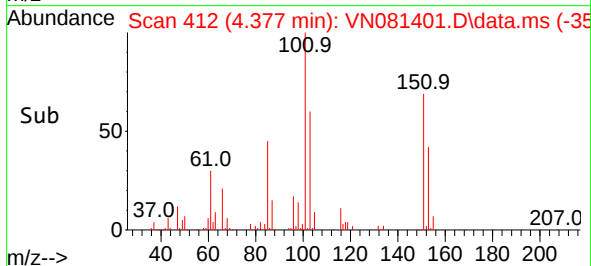
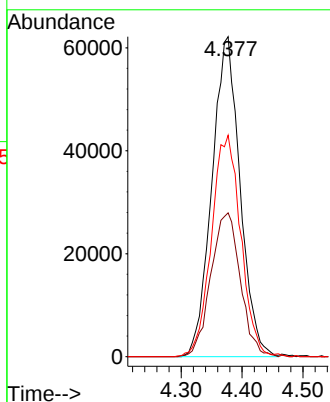
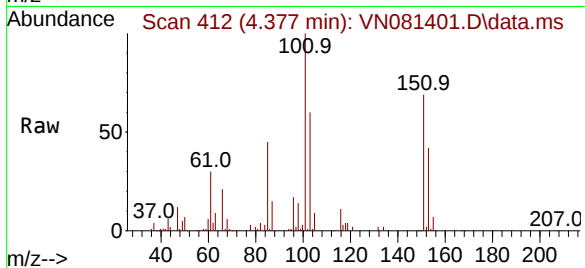
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.575 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 19947
Ion Ratio Lower Upper
101 100
85 47.1 38.1 57.1
151 72.1 49.1 73.7

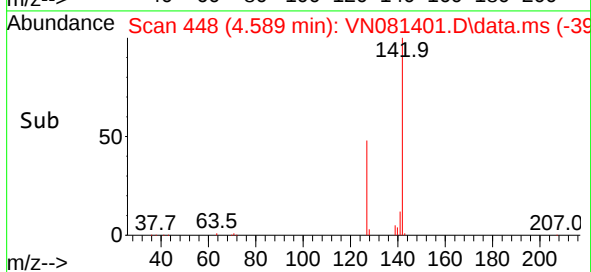
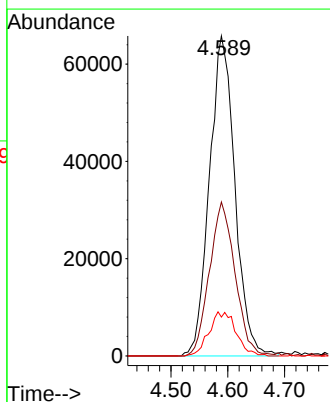
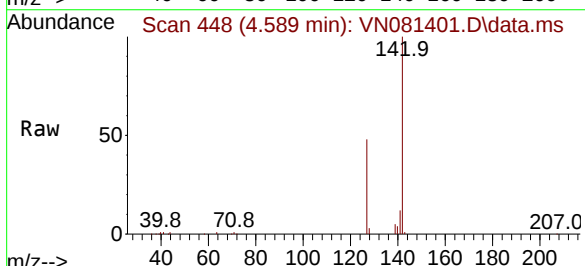
Manual Integrations
APPROVED

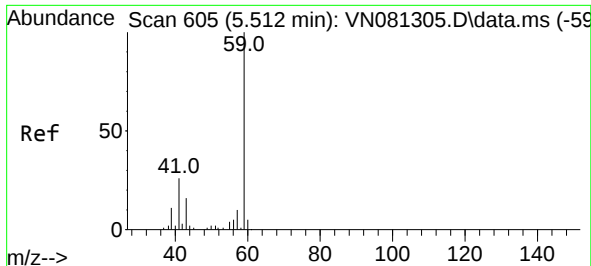
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#10
Methyl Iodide
Concen: 52.312 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

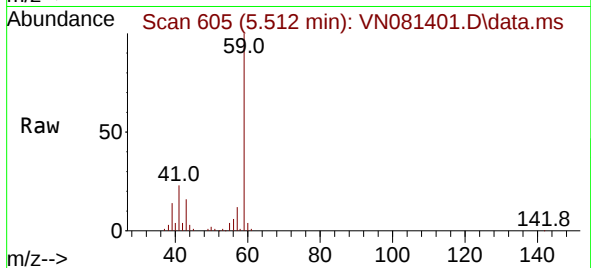
Tgt Ion:142 Resp: 205030
Ion Ratio Lower Upper
142 100
127 48.1 37.0 55.4
141 12.2 12.5 18.7#





#11
Tert butyl alcohol
Concen: 235.639 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

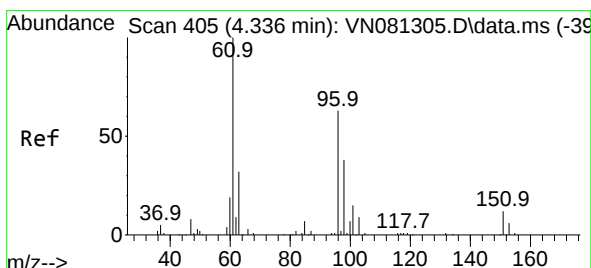
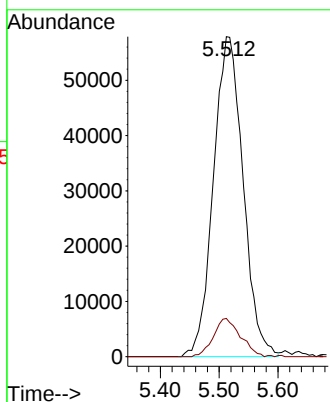
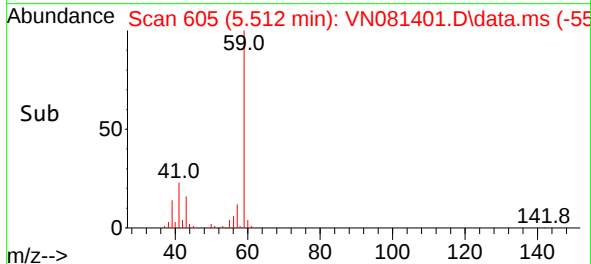
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



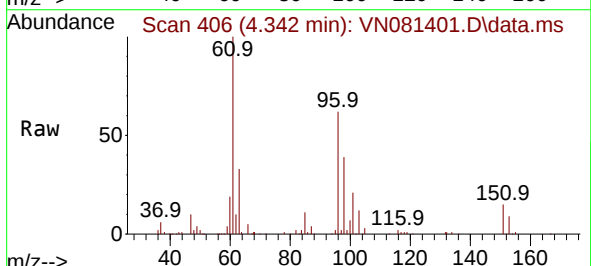
Tgt Ion: 59 Resp: 20276
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
APPROVED

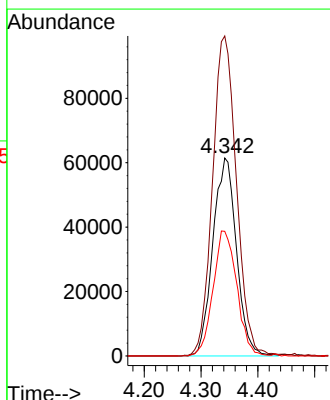
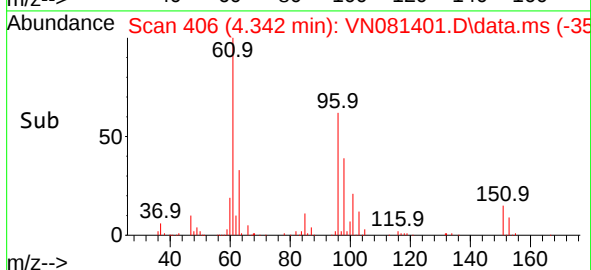
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

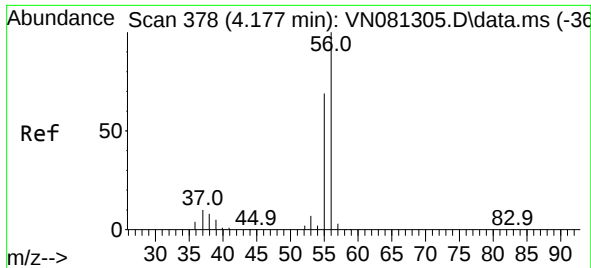


#12
1,1-Dichloroethene
Concen: 44.770 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



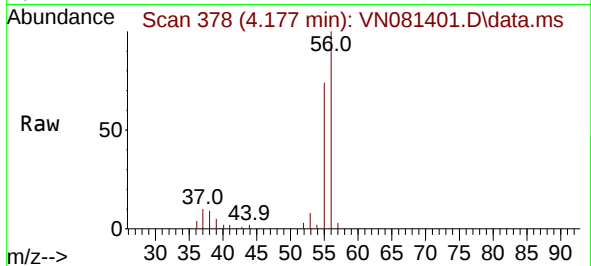
Tgt Ion: 96 Resp: 177577
Ion Ratio Lower Upper
96 100
61 161.7 138.2 207.4
98 63.0 49.2 73.8





#13
Acrolein
Concen: 200.714 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

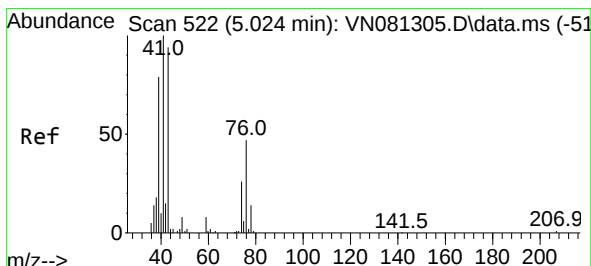
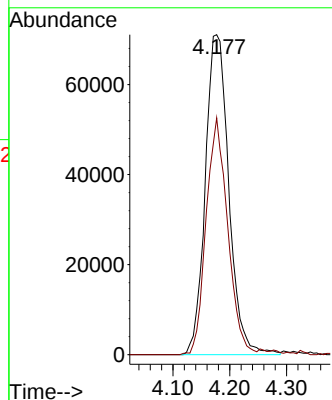
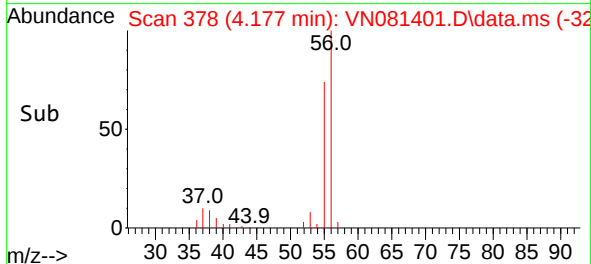
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 204514
Ion Ratio Lower Upper
56 100
55 67.8 55.3 82.9

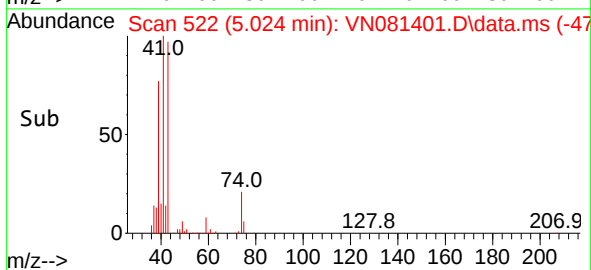
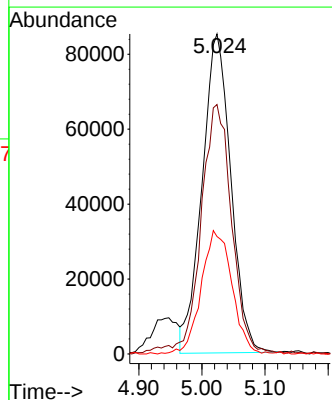
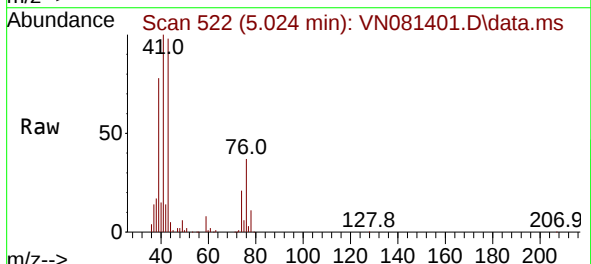
Manual Integrations
APPROVED

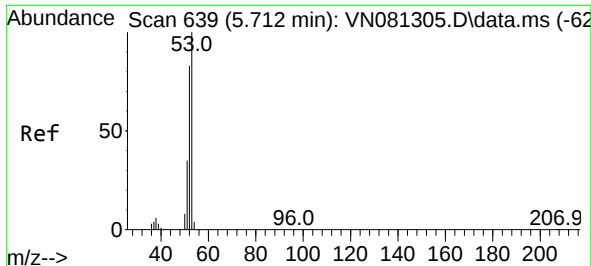
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#14
Allyl chloride
Concen: 45.800 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

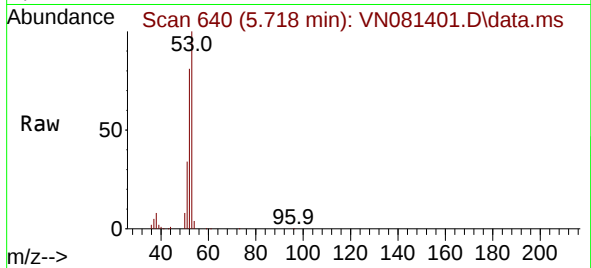
Tgt Ion: 41 Resp: 269595
Ion Ratio Lower Upper
41 100
39 83.7 57.7 86.5
76 41.3 26.8 40.2#





#15
Acrylonitrile
Concen: 224.065 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

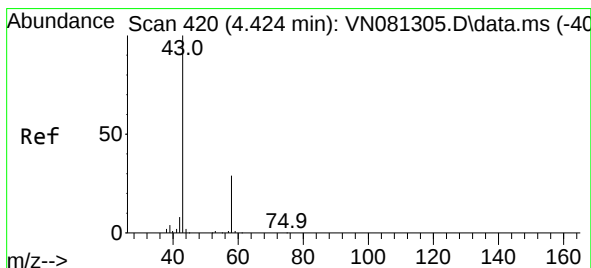
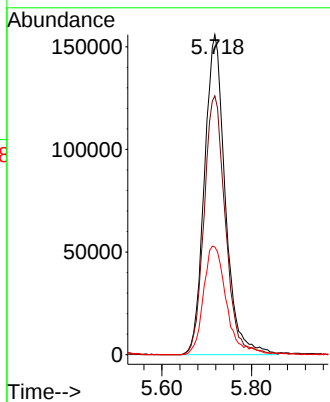
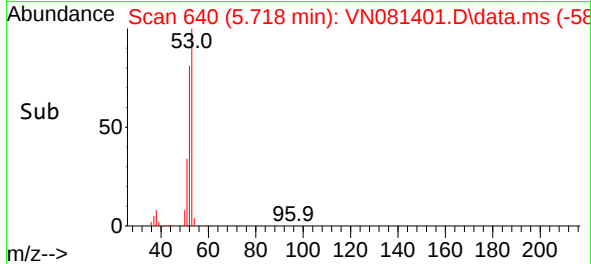
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 503690
Ion Ratio Lower Upper
53 100
52 82.3 64.8 97.2
51 37.3 26.9 40.3

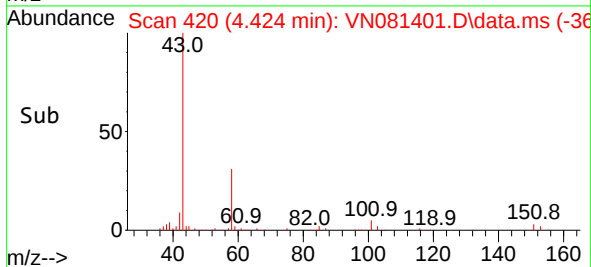
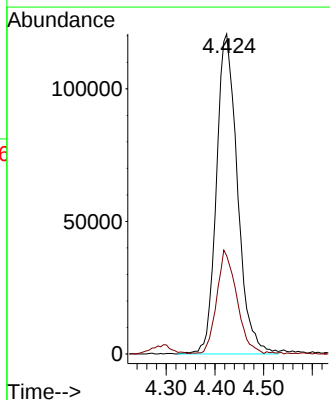
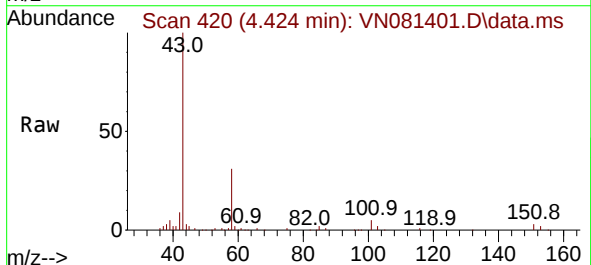
Manual Integrations
APPROVED

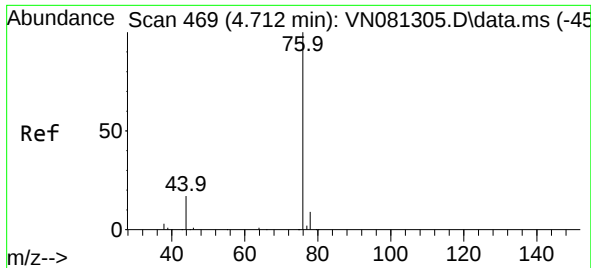
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#16
Acetone
Concen: 208.030 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

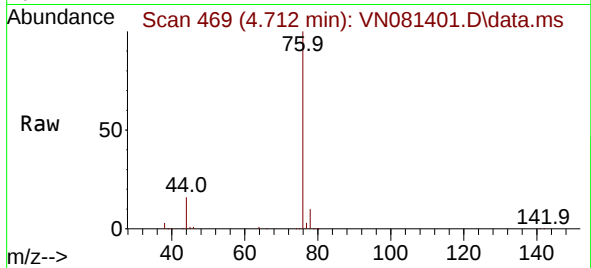
Tgt Ion: 43 Resp: 362716
Ion Ratio Lower Upper
43 100
58 30.3 24.8 37.2





#17
Carbon Disulfide
Concen: 41.558 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

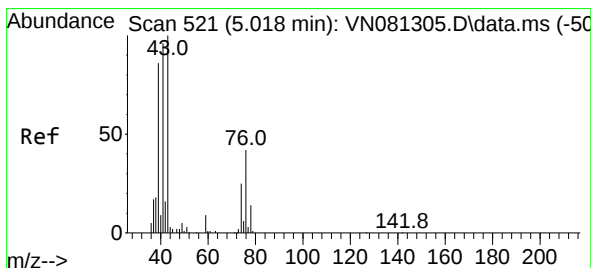
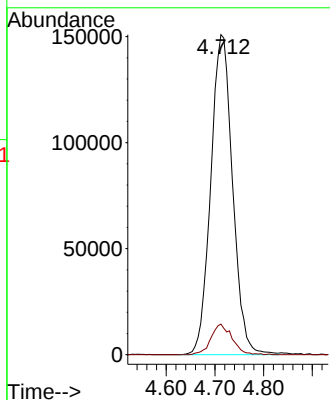
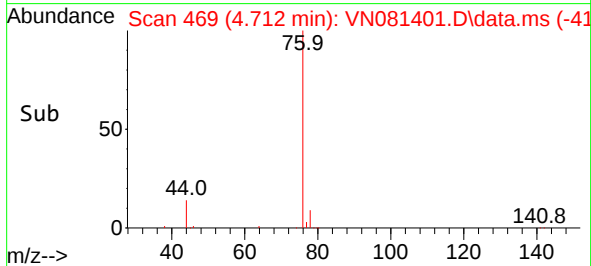
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 470460
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5

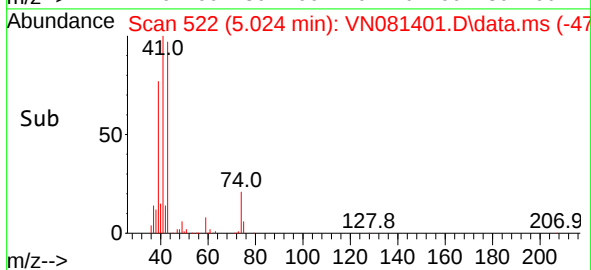
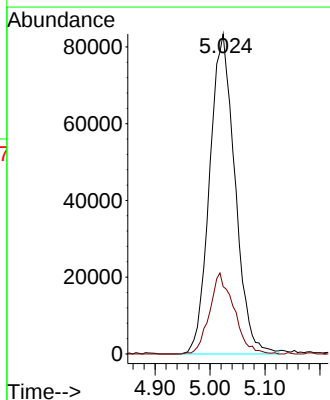
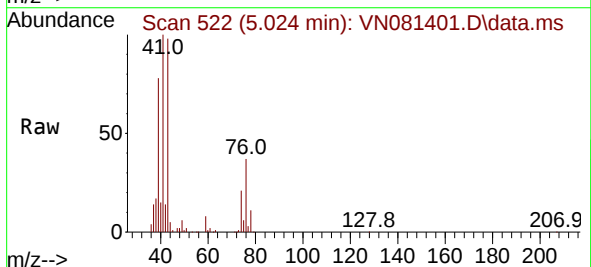
Manual Integrations
APPROVED

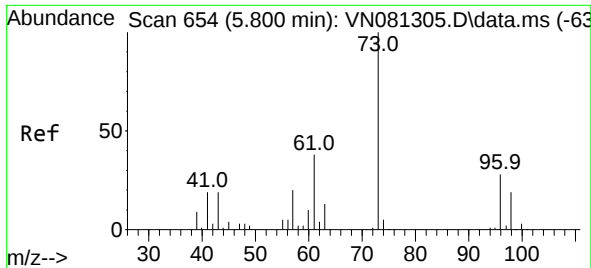
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#18
Methyl Acetate
Concen: 53.538 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 43 Resp: 267262
Ion Ratio Lower Upper
43 100
74 24.3 17.3 25.9





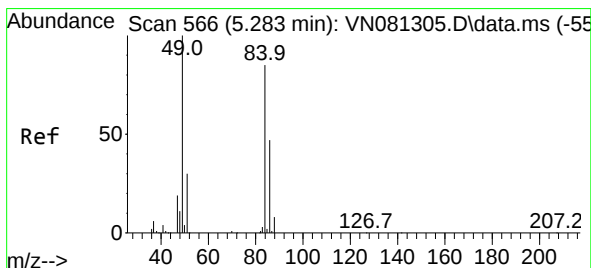
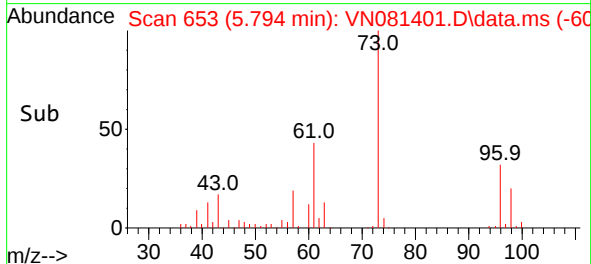
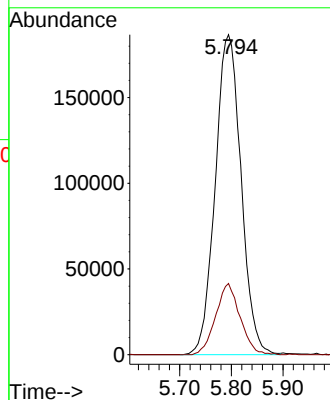
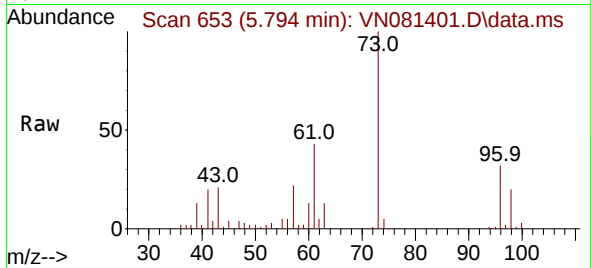
#19
Methyl tert-butyl Ether
Concen: 48.180 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 648128
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4

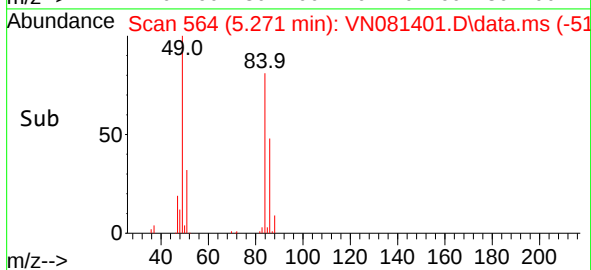
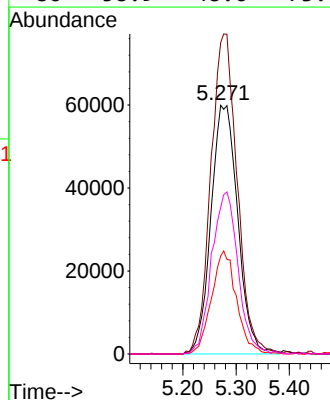
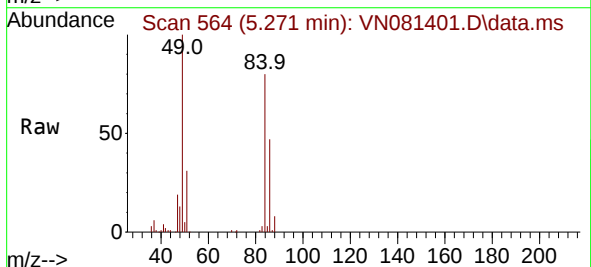
Manual Integrations
APPROVED

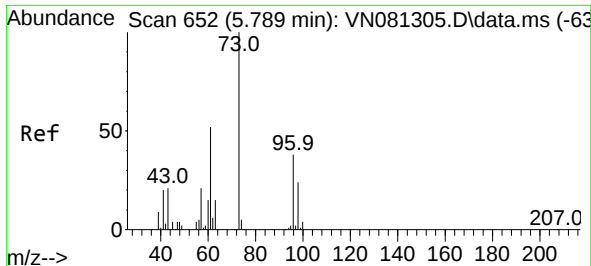
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#20
Methylene Chloride
Concen: 48.662 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

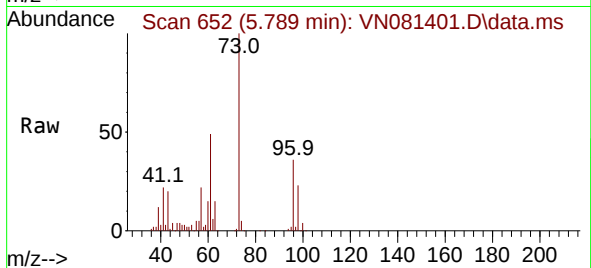
Tgt Ion: 84 Resp: 209721
Ion Ratio Lower Upper
84 100
49 125.2 108.1 162.1
51 39.4 32.9 49.3
86 58.9 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 44.605 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

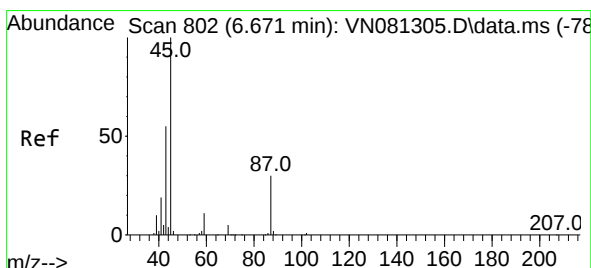
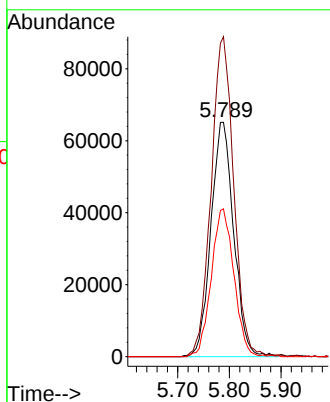
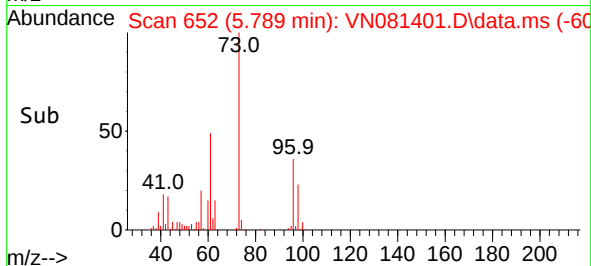
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 199469
Ion Ratio Lower Upper
96 100
61 136.5 112.8 169.2
98 63.0 51.0 76.4

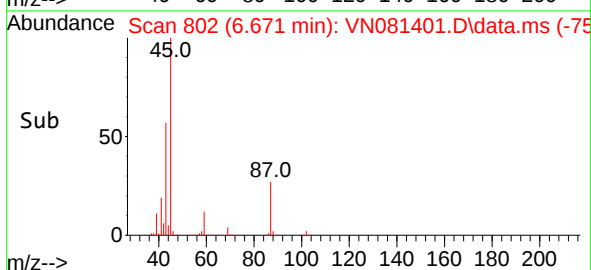
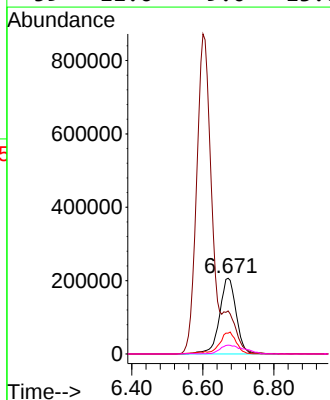
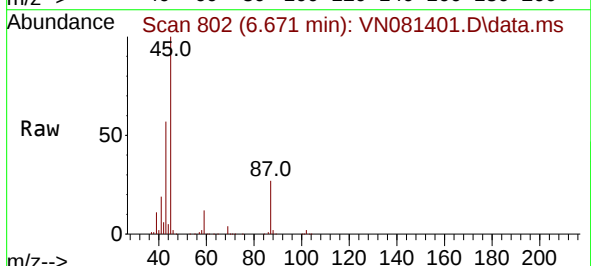
Manual Integrations
APPROVED

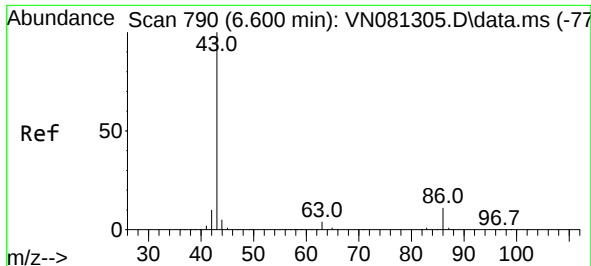
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#22
Diisopropyl ether
Concen: 50.961 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

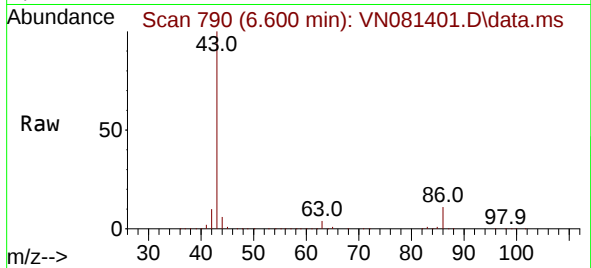
Tgt Ion: 45 Resp: 666276
Ion Ratio Lower Upper
45 100
43 56.6 41.8 62.8
87 27.4 18.1 27.1#
59 11.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 235.528 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081401.D
 Acq: 14 Mar 2024 11:22

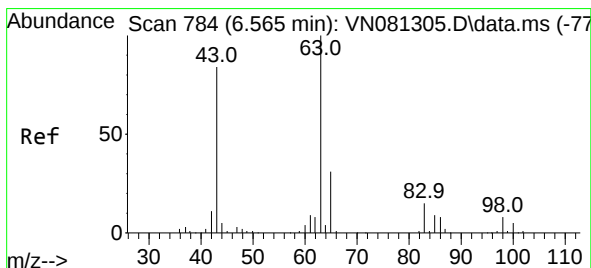
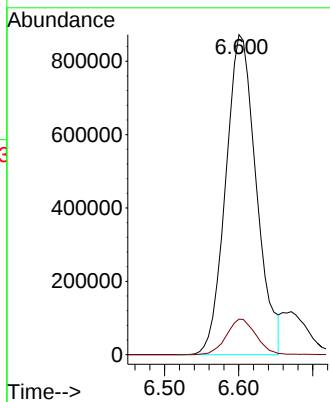
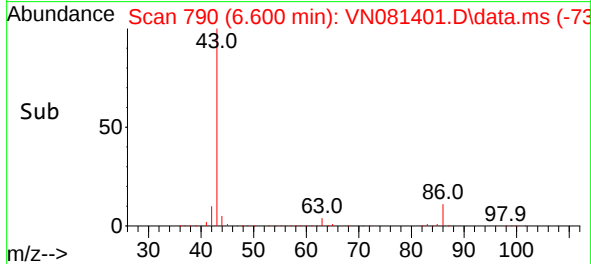
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



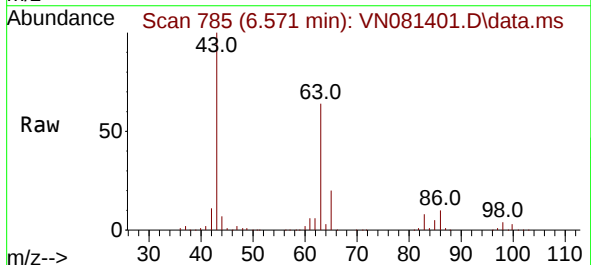
Tgt Ion: 43 Resp: 250161
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

Manual Integrations
 APPROVED

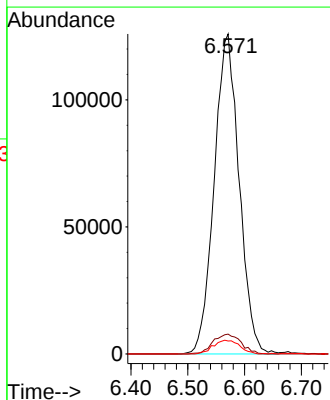
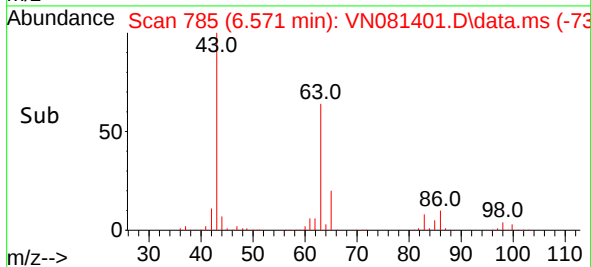
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

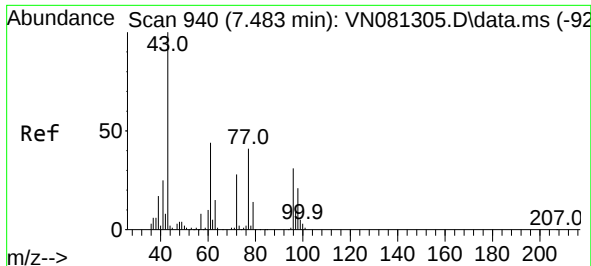


#24
 1,1-Dichloroethane
 Concen: 47.904 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081401.D
 Acq: 14 Mar 2024 11:22



Tgt Ion: 63 Resp: 383389
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.6
 100 4.1 1.9 5.7





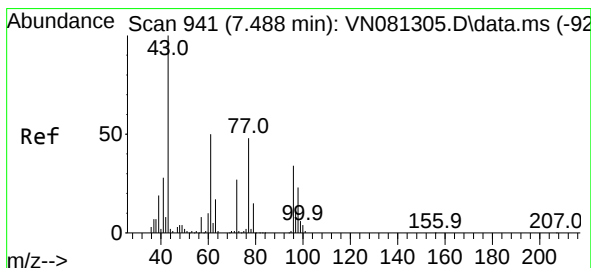
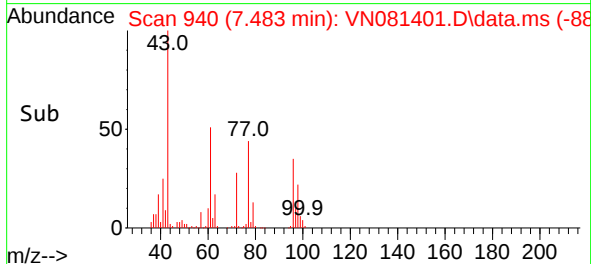
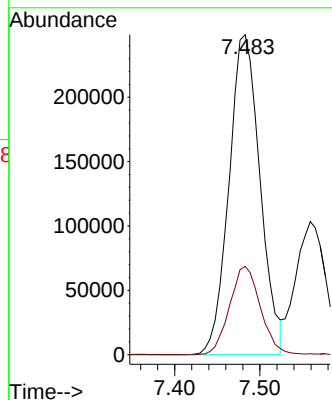
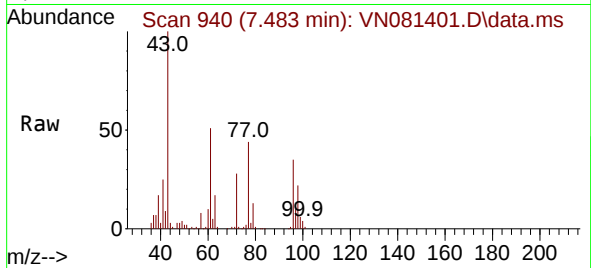
#25
2-Butanone
Concen: 216.106 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 631019
Ion Ratio Lower Upper
43 100
72 27.6 19.5 29.3

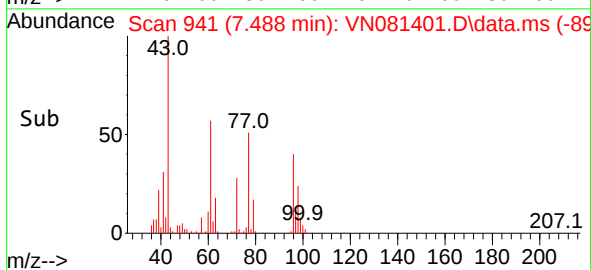
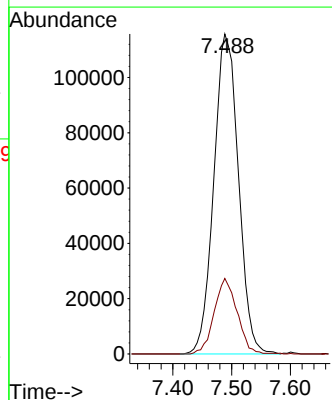
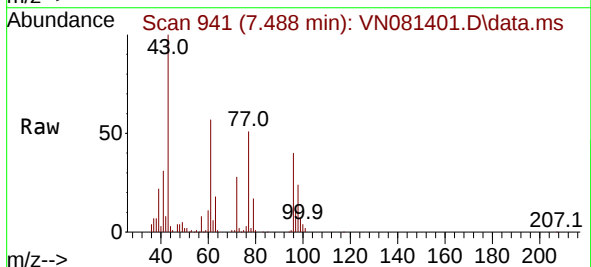
Manual Integrations
APPROVED

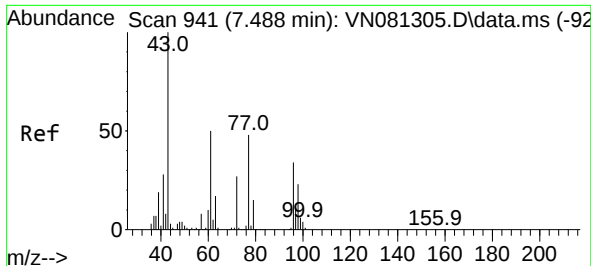
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#26
2,2-Dichloropropane
Concen: 47.603 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

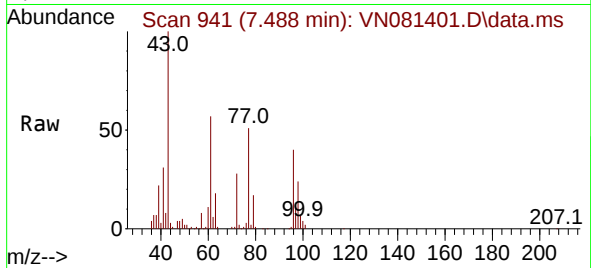
Tgt Ion: 77 Resp: 336719
Ion Ratio Lower Upper
77 100
97 21.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 46.327 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081401.D
 Acq: 14 Mar 2024 11:22

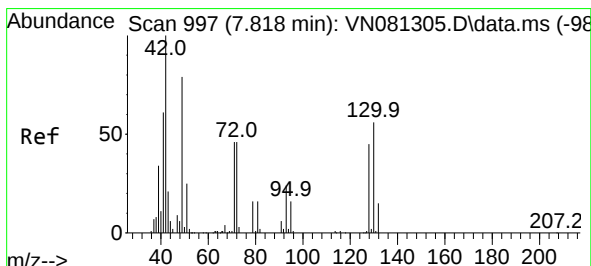
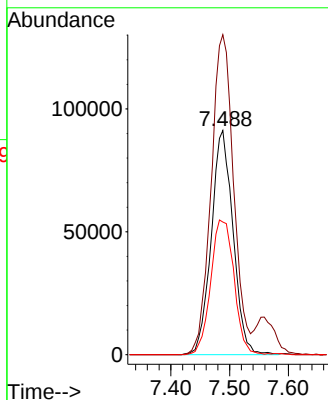
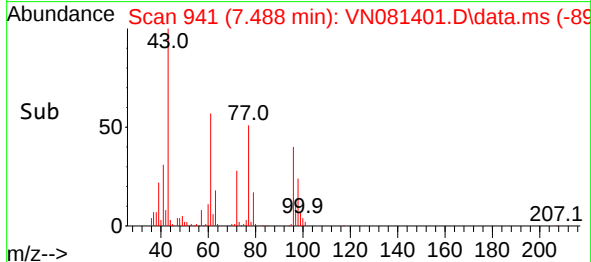
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 234872
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 325.4
 98 64.2 0.0 130.4

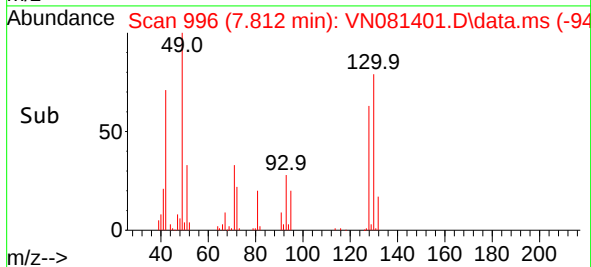
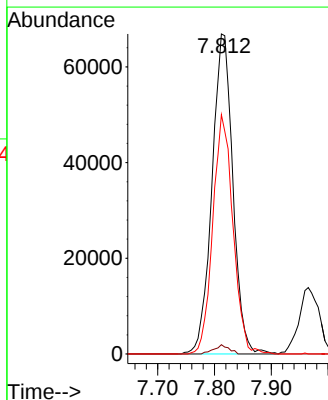
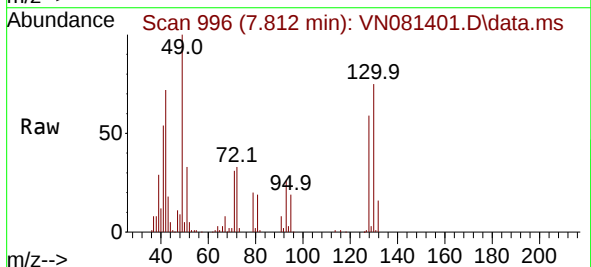
Manual Integrations
 APPROVED

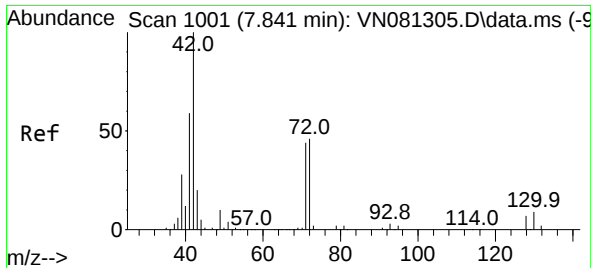
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024



#28
 Bromochloromethane
 Concen: 49.906 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081401.D
 Acq: 14 Mar 2024 11:22

Tgt Ion: 49 Resp: 170904
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 72.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 219.709 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 43746

Ion Ratio Lower Upper

42 100

72 43.9 31.1 46.7

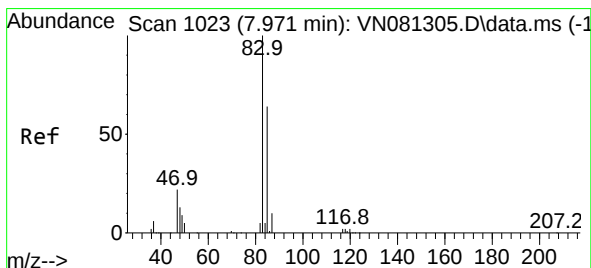
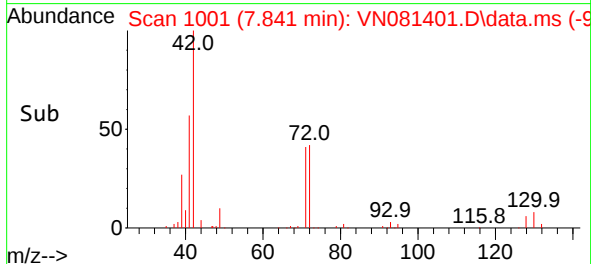
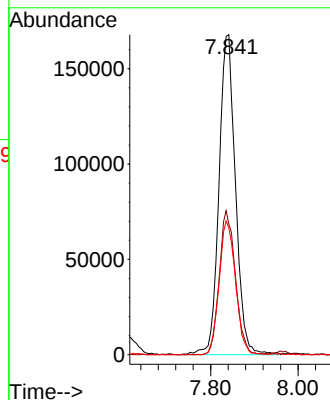
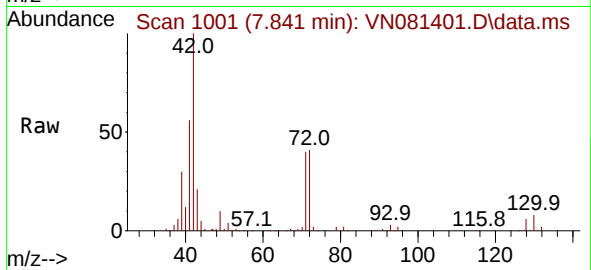
71 41.4 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#30

Chloroform

Concen: 49.390 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081401.D

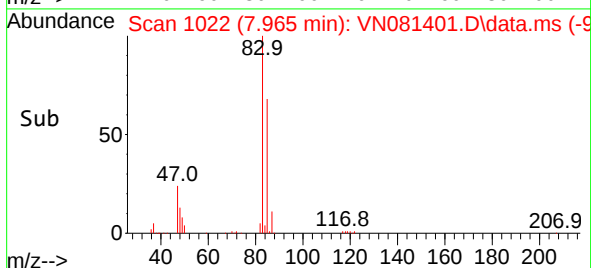
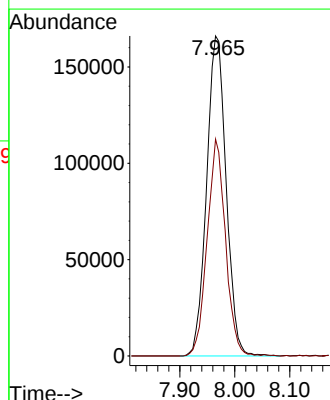
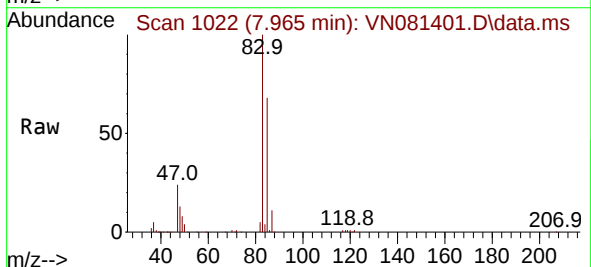
Acq: 14 Mar 2024 11:22

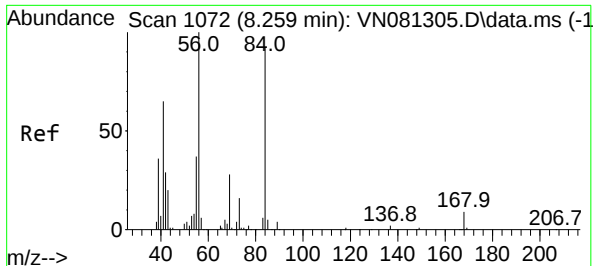
Tgt Ion: 83 Resp: 410193

Ion Ratio Lower Upper

83 100

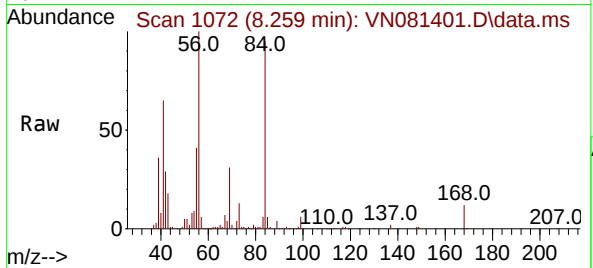
85 67.8 51.0 76.6





#31
Cyclohexane
Concen: 41.798 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

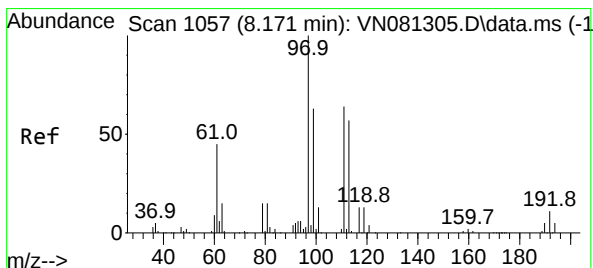
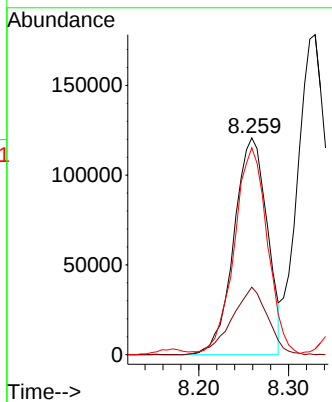
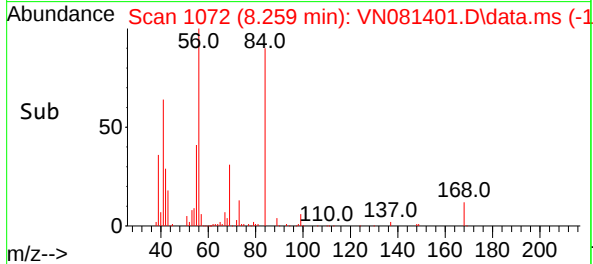
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 311415
Ion Ratio Lower Upper
56 100
69 31.2 20.1 30.1
84 92.9 56.9 85.3

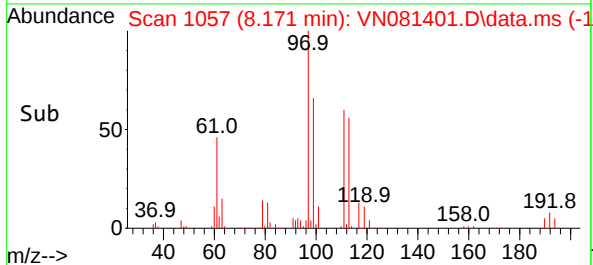
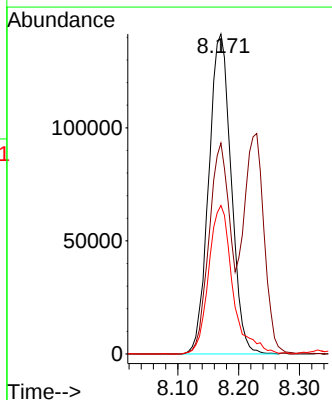
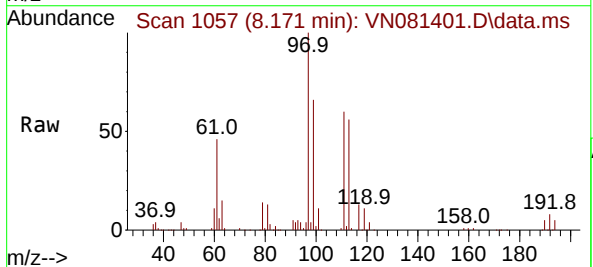
Manual Integrations
APPROVED

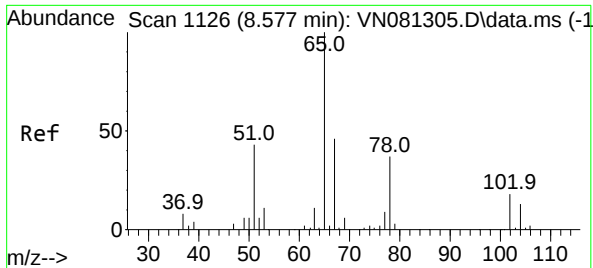
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#32
1,1,1-Trichloroethane
Concen: 49.238 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

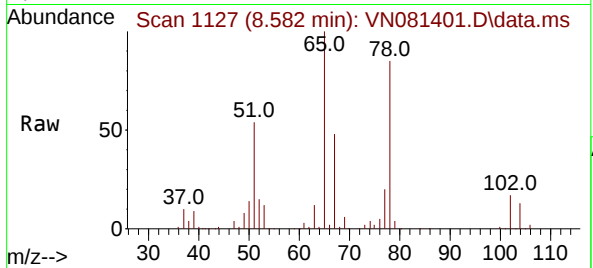
Tgt Ion: 97 Resp: 361467
Ion Ratio Lower Upper
97 100
99 61.9 53.4 80.0
61 49.9 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 50.027 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

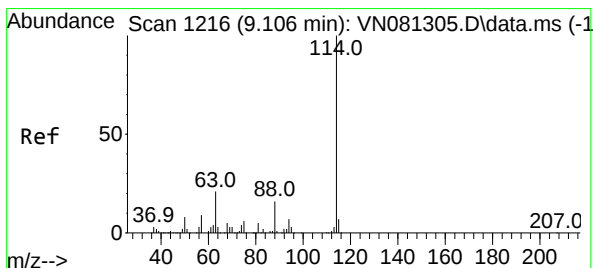
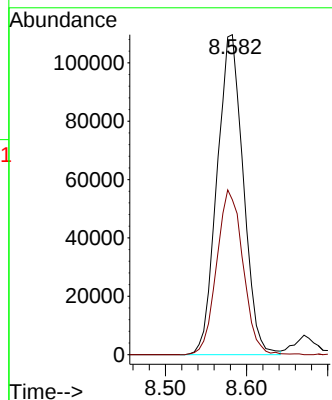
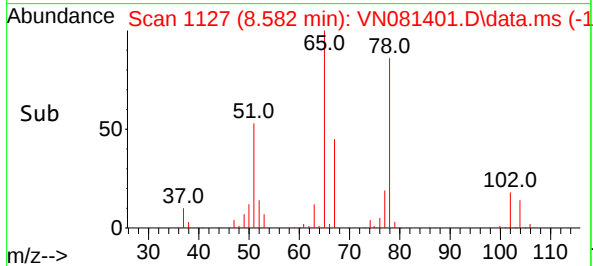
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 24619
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

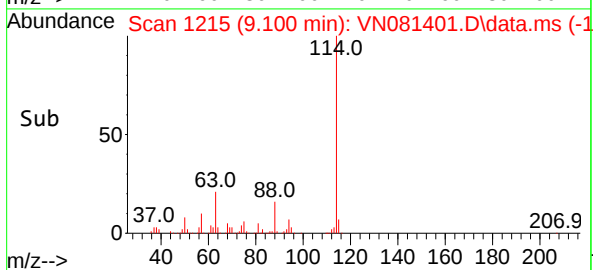
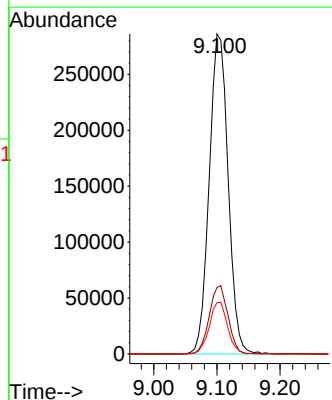
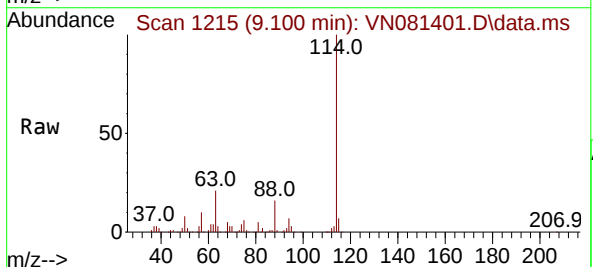
Manual Integrations
APPROVED

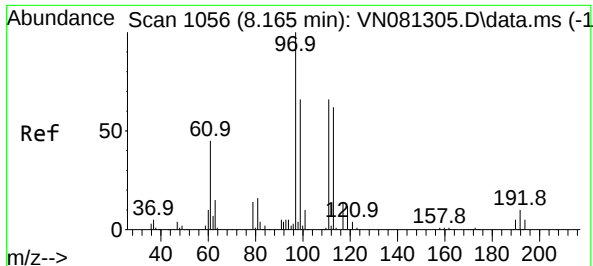
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion:114 Resp: 595569
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.306 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 19085

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

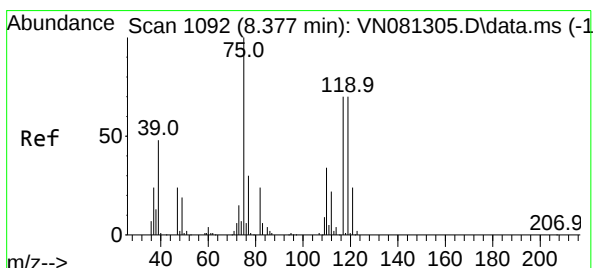
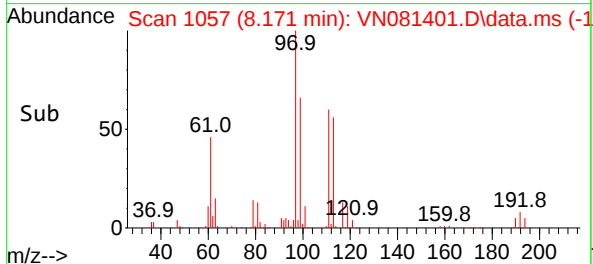
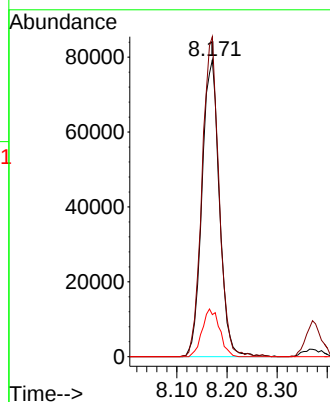
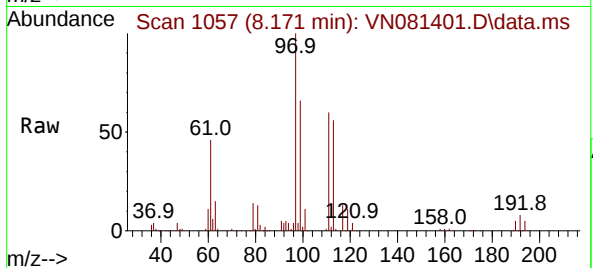
192 16.1 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#36

1,1-Dichloropropene

Concen: 49.614 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

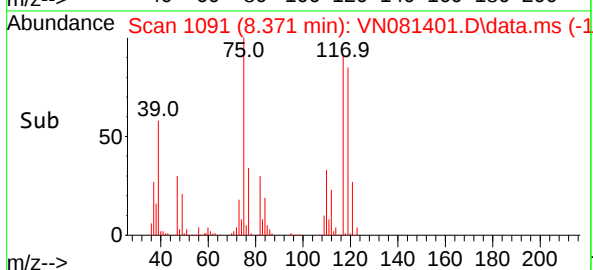
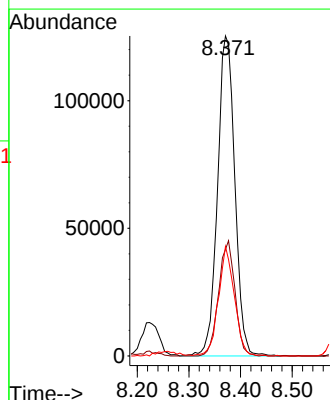
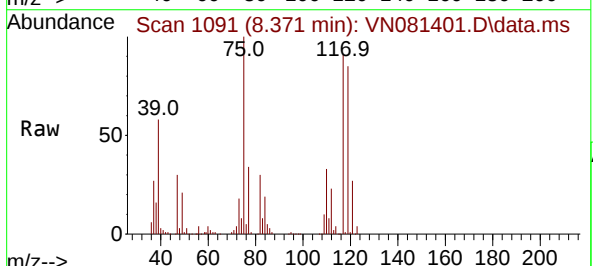
Tgt Ion: 75 Resp: 292061

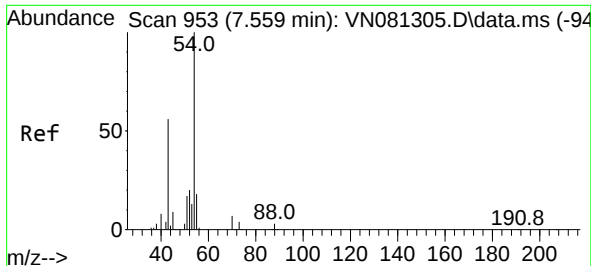
Ion Ratio Lower Upper

75 100

110 34.1 16.0 48.0

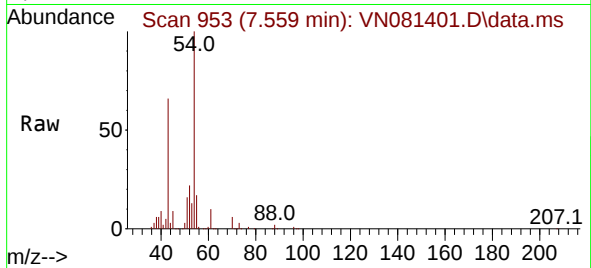
77 31.6 25.8 38.6





#37
Ethyl Acetate
Concen: 46.497 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

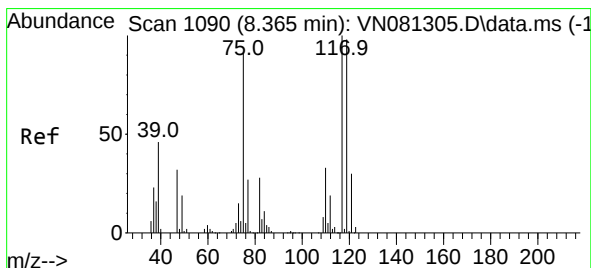
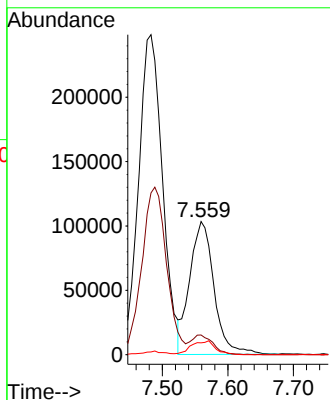
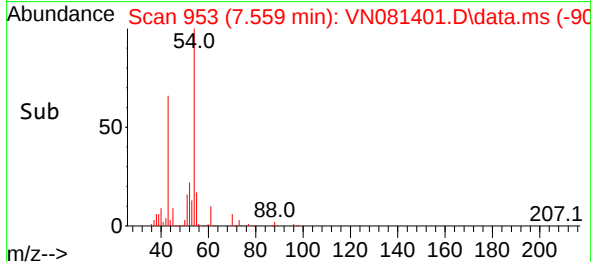
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26756
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 10.2 8.0 12.0

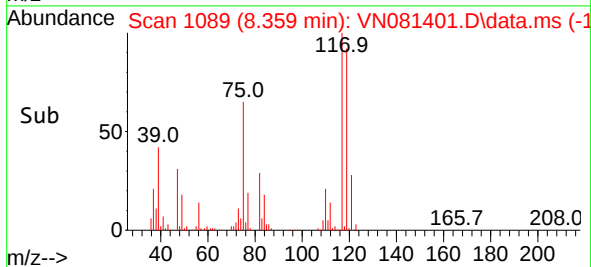
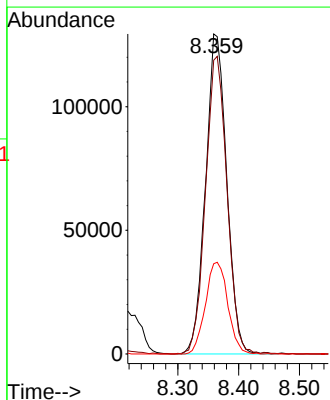
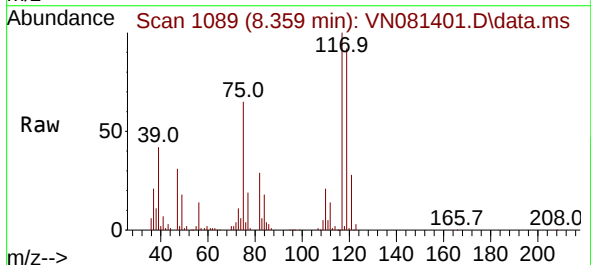
Manual Integrations
APPROVED

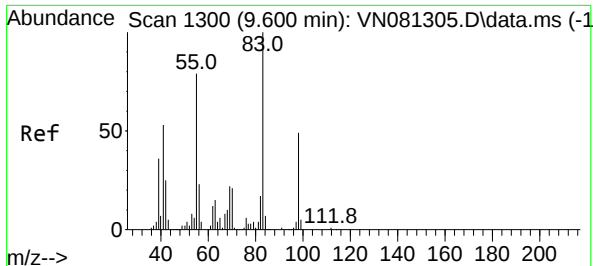
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#38
Carbon Tetrachloride
Concen: 52.959 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

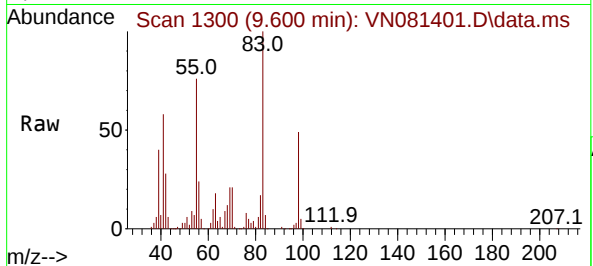
Tgt Ion:117 Resp: 313762
Ion Ratio Lower Upper
117 100
119 91.7 73.4 110.2
121 28.2 24.4 36.6





#39
Methylcyclohexane
Concen: 47.628 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

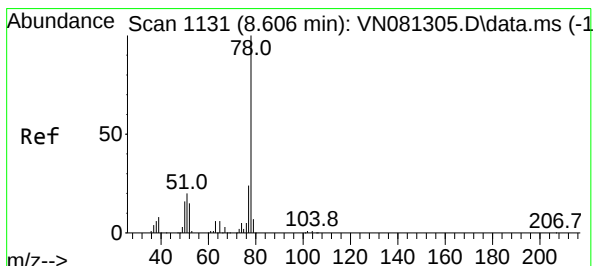
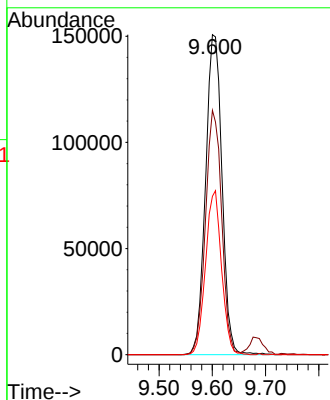
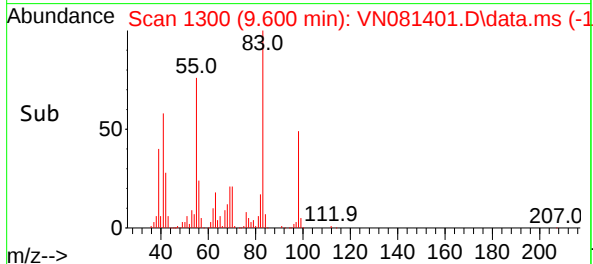
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 32266
Ion Ratio Lower Upper
83 100
55 76.3 65.7 98.5
98 49.5 33.8 50.6

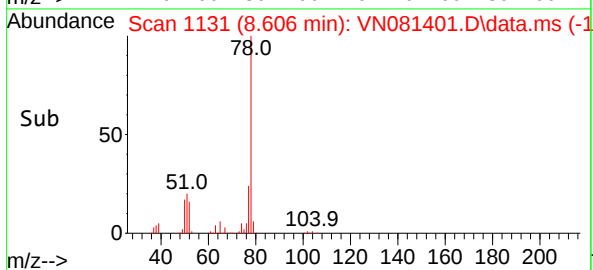
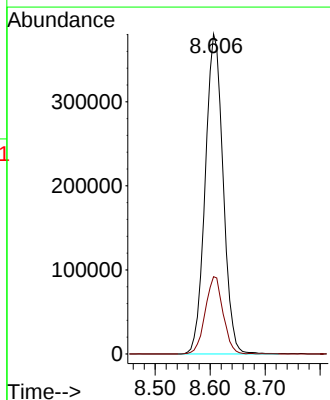
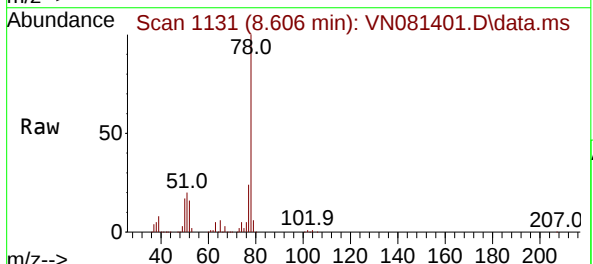
Manual Integrations
APPROVED

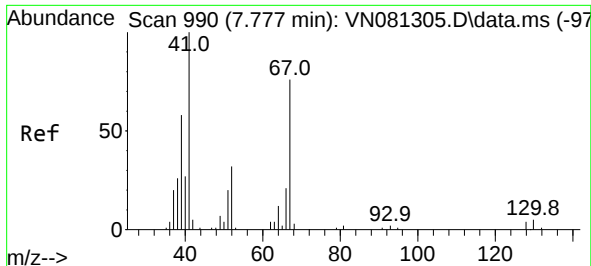
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#40
Benzene
Concen: 48.881 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 78 Resp: 858884
Ion Ratio Lower Upper
78 100
77 24.1 20.4 30.6





#41
Methacrylonitrile
Concen: 48.051 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

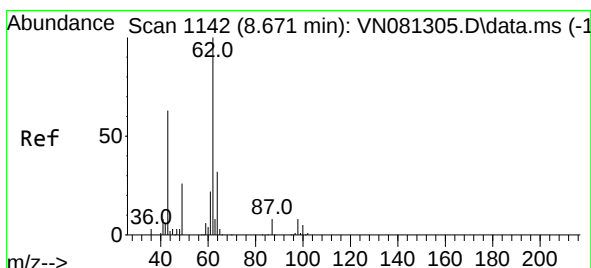
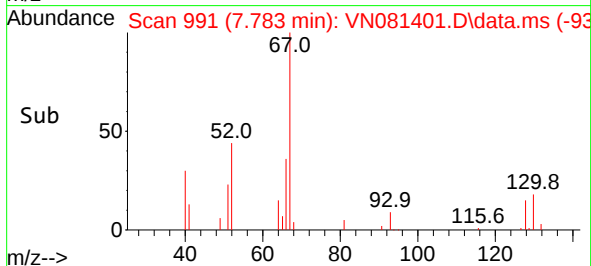
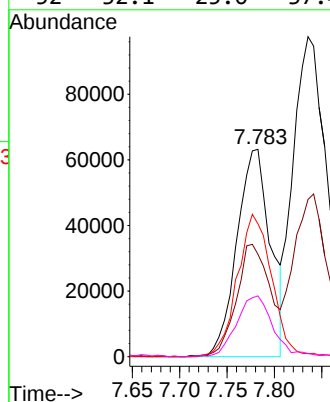
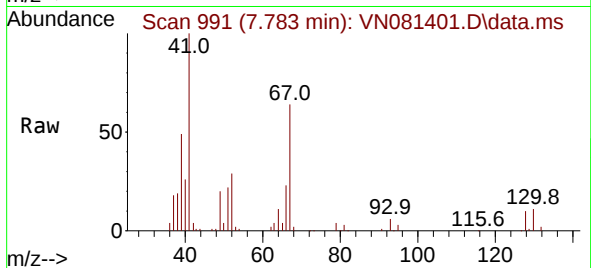
Tgt Ion: 41 Resp: 156149
Ion Ratio Lower Upper
41 100
39 54.4 48.4 72.6
67 70.7 56.8 85.2
52 32.1 25.0 37.4

Manual Integrations

APPROVED

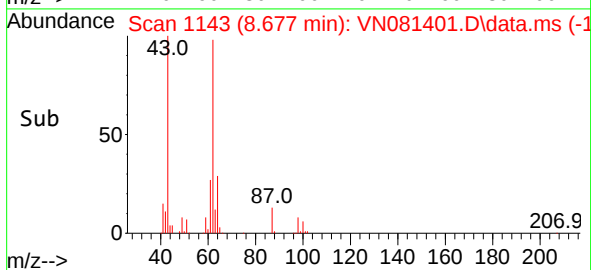
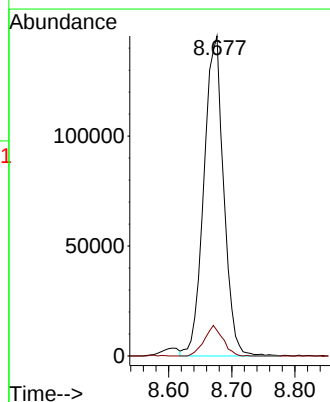
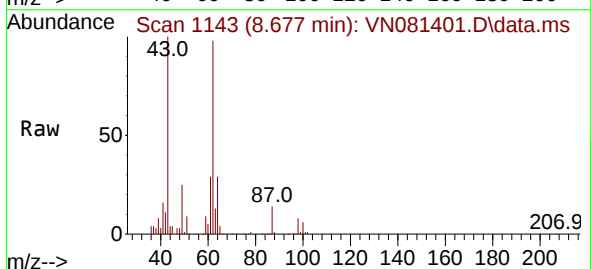
Reviewed By :John Carlone 03/15/2024

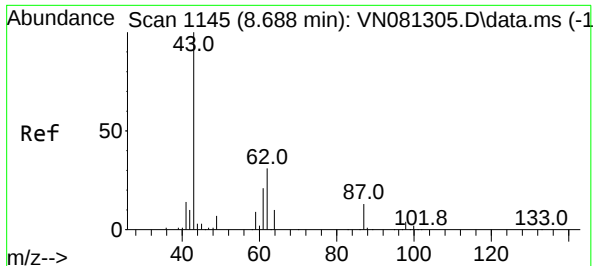
Supervised By :Mahesh Dadoda 03/15/2024



#42
1,2-Dichloroethane
Concen: 51.168 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 62 Resp: 317004
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.0





#43

Isopropyl Acetate

Concen: 48.004 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

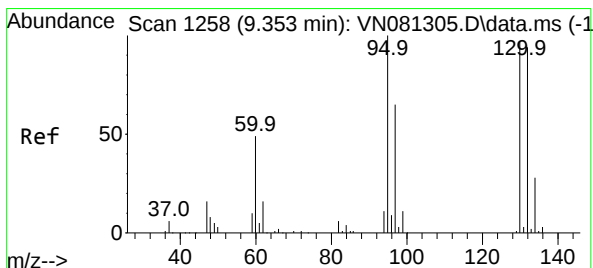
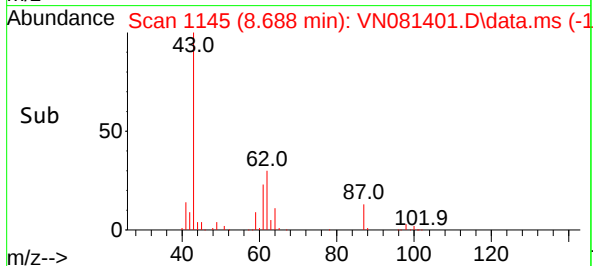
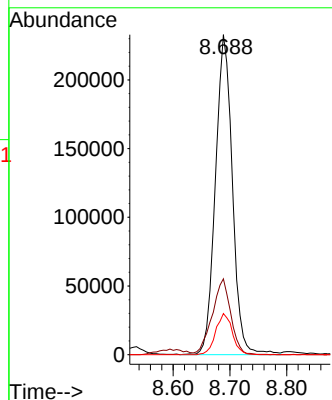
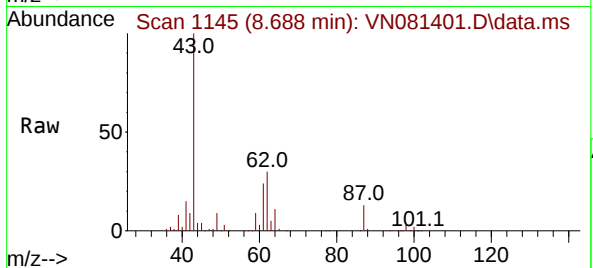
Tgt Ion: 43	Resp: 483490
Ion Ratio	Lower Upper
43 100	
61 25.9	19.9 29.9
87 12.6	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#44

Trichloroethene

Concen: 49.849 ug/l

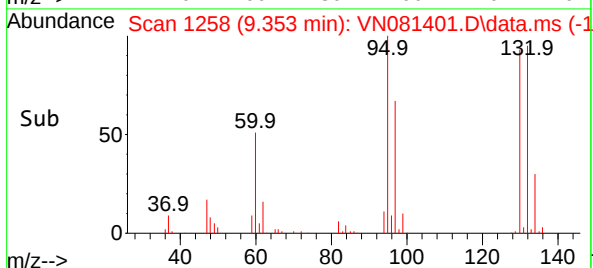
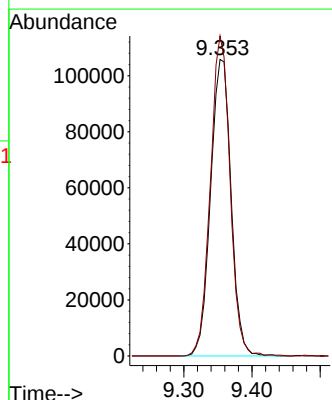
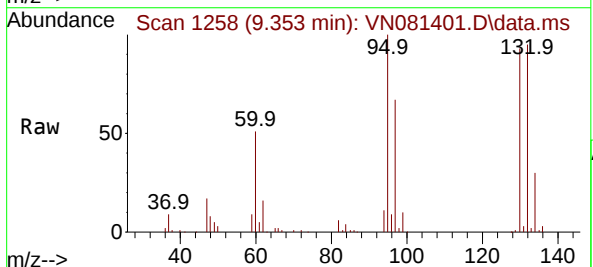
RT: 9.353 min Scan# 1258

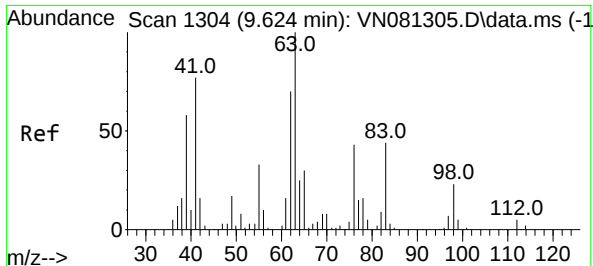
Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Tgt Ion:130	Resp: 220912
Ion Ratio	Lower Upper
130 100	
95 107.9	0.0 210.4





#45

1,2-Dichloropropane

Concen: 51.162 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 22583

Ion Ratio Lower Upper

63 100

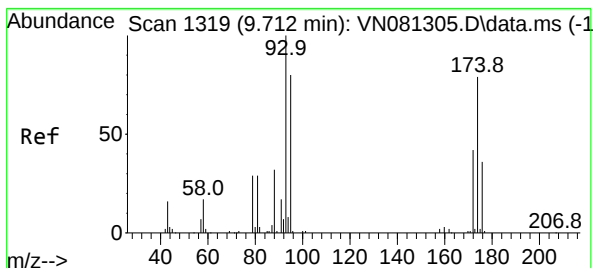
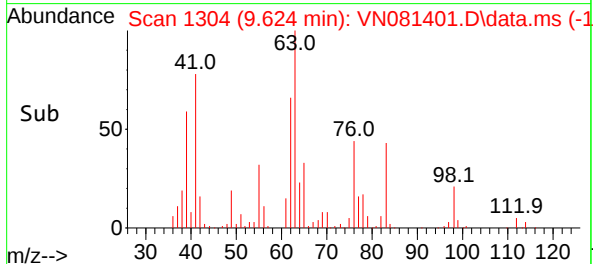
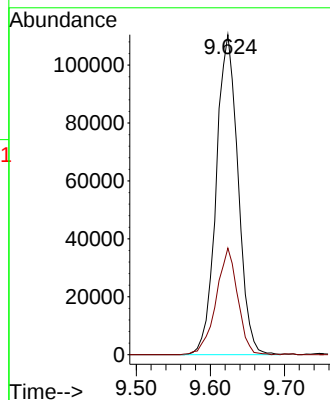
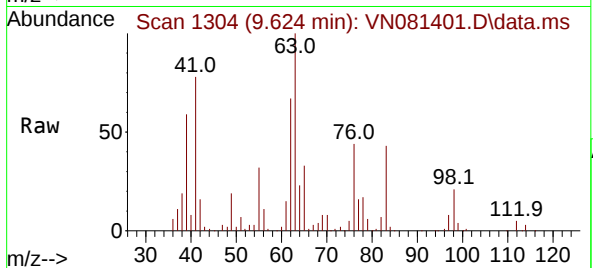
65 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#46

Dibromomethane

Concen: 50.656 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

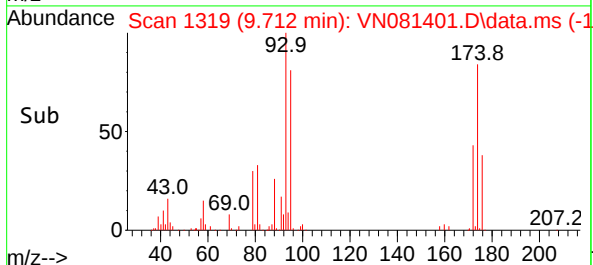
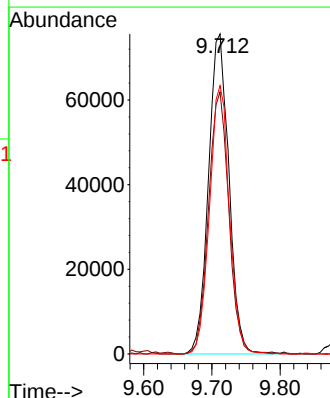
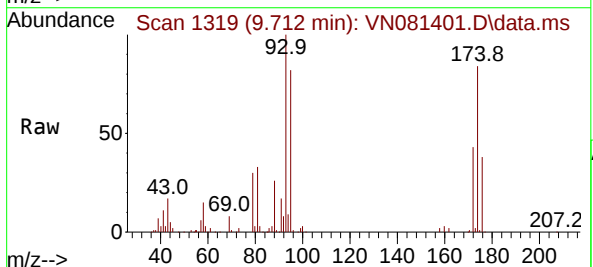
Tgt Ion: 93 Resp: 157605

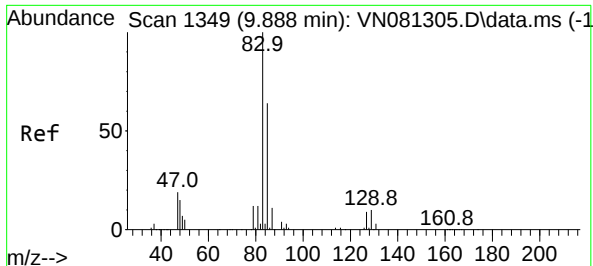
Ion Ratio Lower Upper

93 100

95 81.2 68.1 102.1

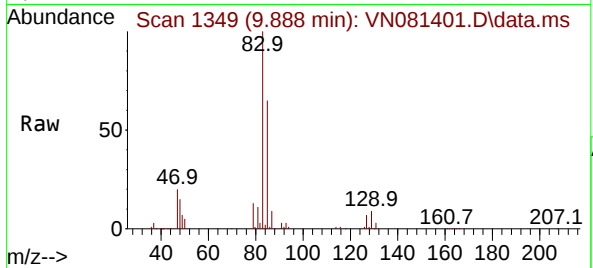
174 81.8 57.2 85.8





#47
Bromodichloromethane
Concen: 53.368 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

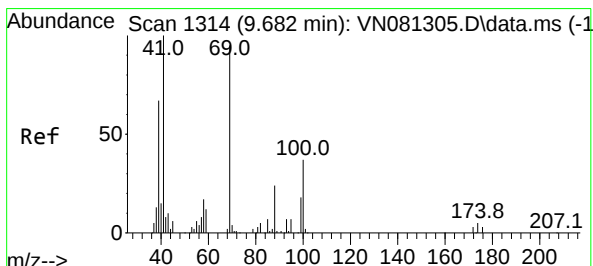
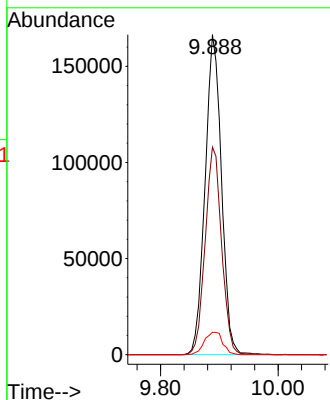
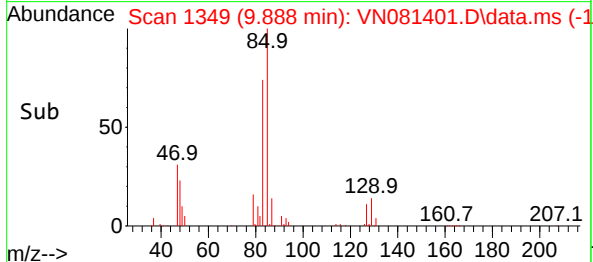
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



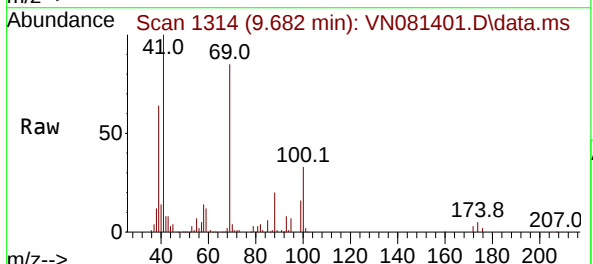
Tgt Ion: 83 Resp: 322344
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5
127 7.0 4.6 7.0

Manual Integrations
APPROVED

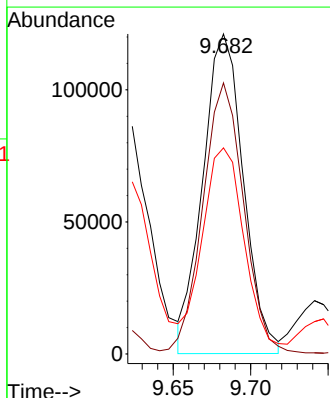
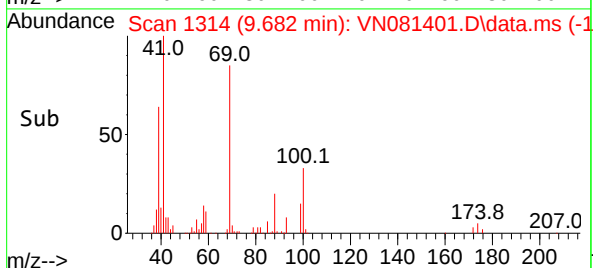
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

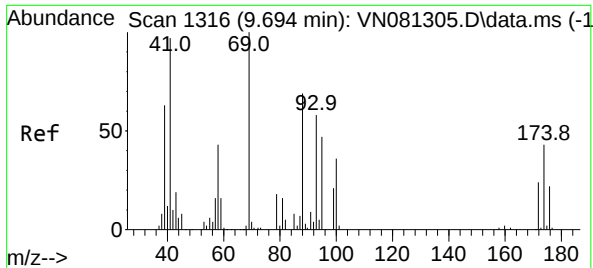


#48
Methyl methacrylate
Concen: 49.517 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



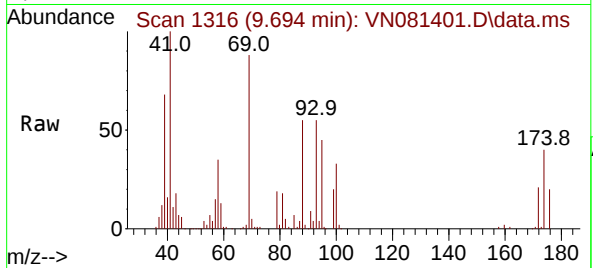
Tgt Ion: 41 Resp: 220451
Ion Ratio Lower Upper
41 100
69 86.0 62.2 93.2
39 67.7 47.6 71.4





#49
1,4-Dioxane
Concen: 826.983 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

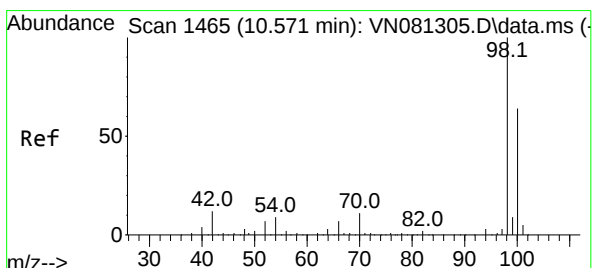
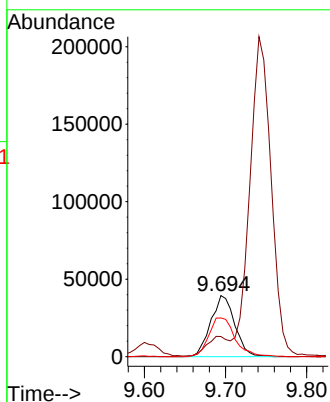
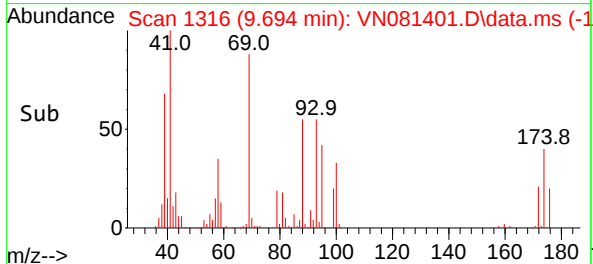
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



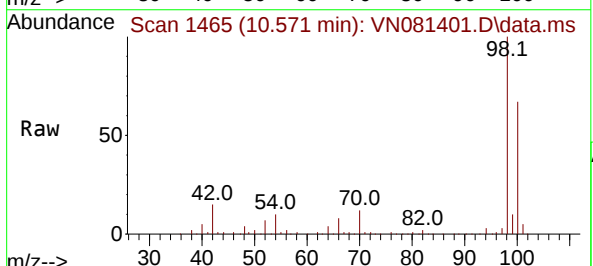
Tgt Ion: 88 Resp: 81150
Ion Ratio Lower Upper
88 100
43 30.0 30.1 45.1
58 69.3 63.9 95.9

Manual Integrations
APPROVED

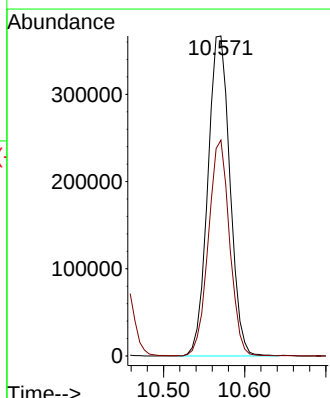
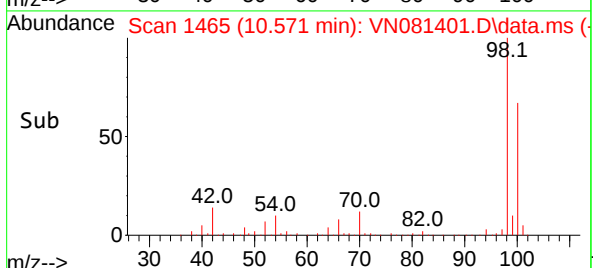
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

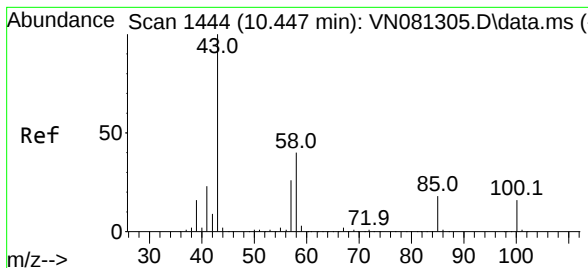


#50
Toluene-d8
Concen: 51.018 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



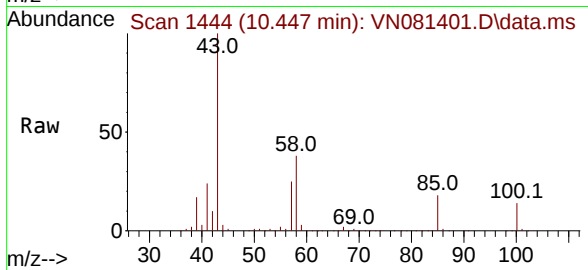
Tgt Ion: 98 Resp: 695895
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 243.414 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

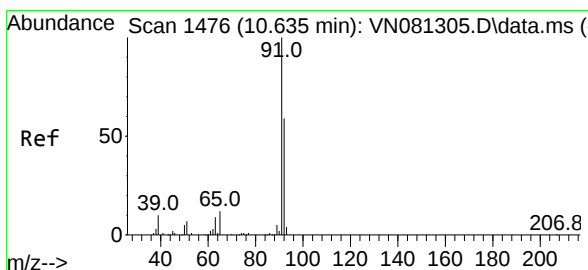
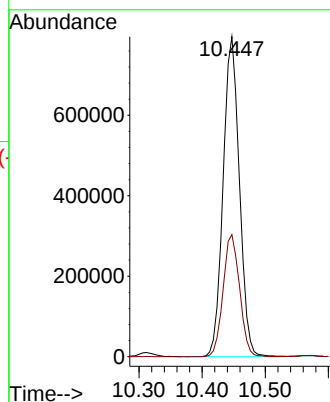
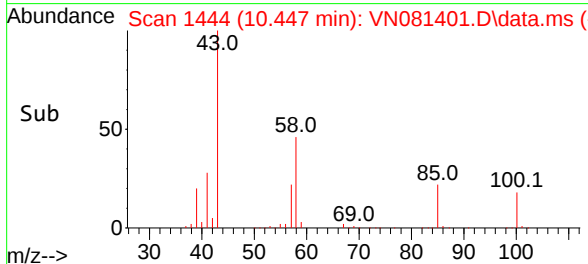
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



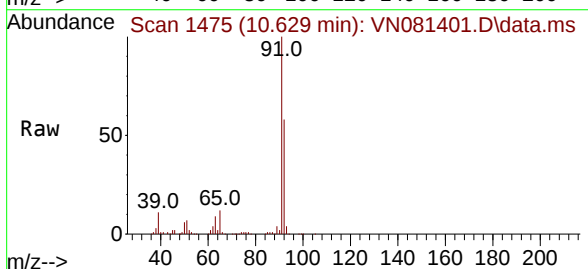
Tgt Ion: 43 Resp: 142355
Ion Ratio Lower Upper
43 100
58 38.7 29.4 44.0

Manual Integrations
APPROVED

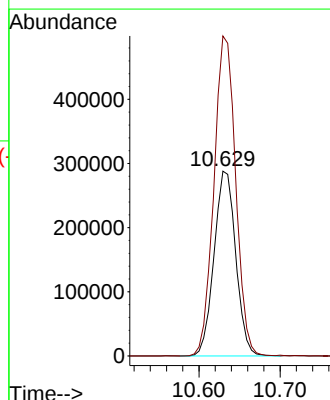
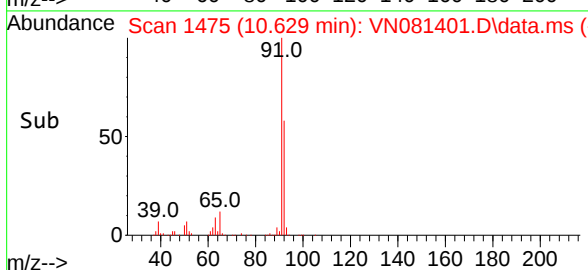
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

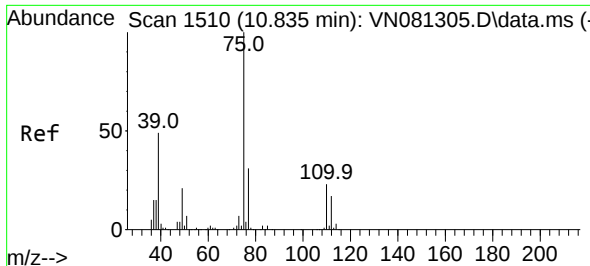


#52
Toluene
Concen: 50.434 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



Tgt Ion: 92 Resp: 535328
Ion Ratio Lower Upper
92 100
91 173.4 139.4 209.0





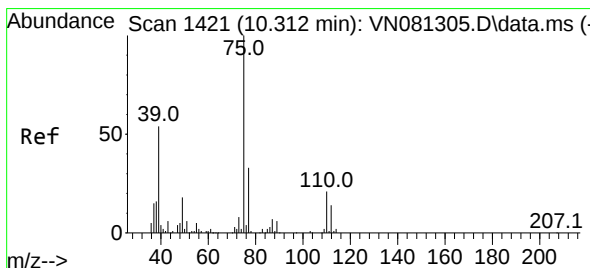
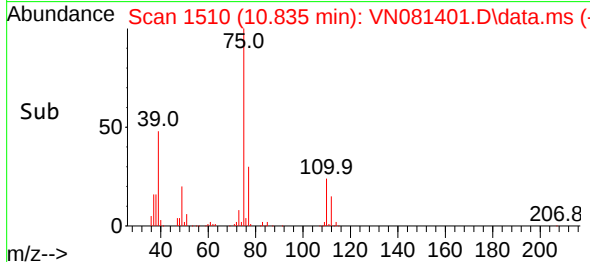
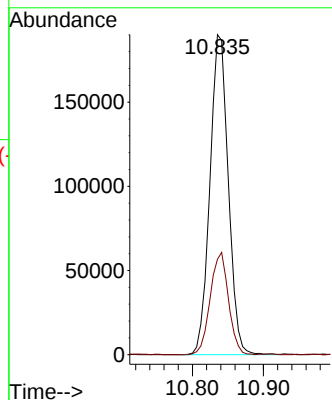
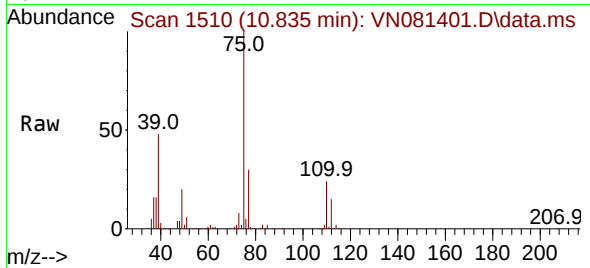
#53
t-1,3-Dichloropropene
Concen: 52.204 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34116
Ion Ratio Lower Upper
75 100
77 29.8 25.5 38.3

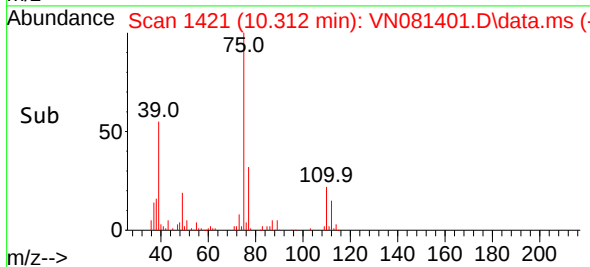
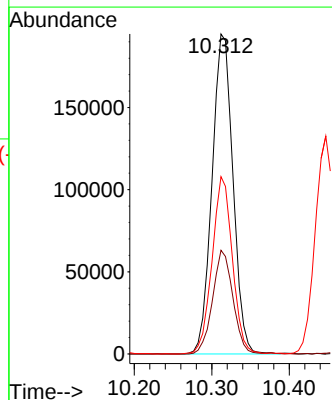
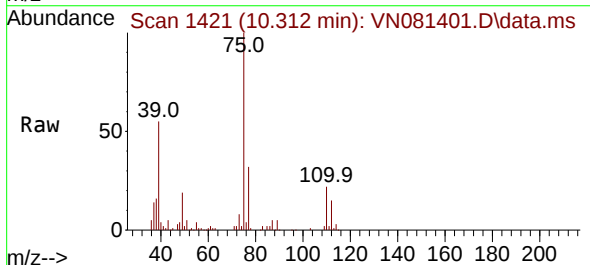
Manual Integrations
APPROVED

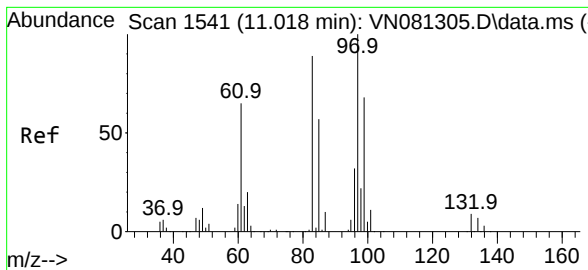
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#54
cis-1,3-Dichloropropene
Concen: 51.757 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

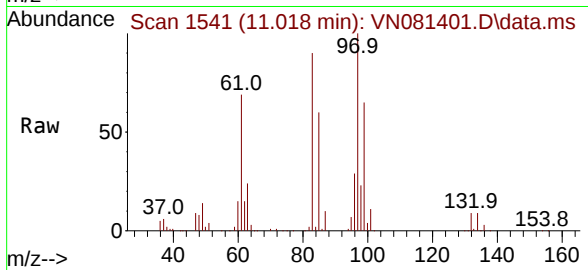
Tgt Ion: 75 Resp: 365134
Ion Ratio Lower Upper
75 100
77 32.4 23.3 34.9
39 55.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 51.096 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

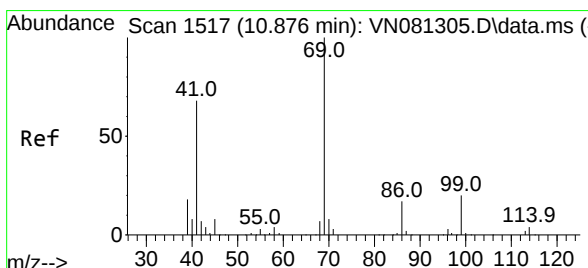
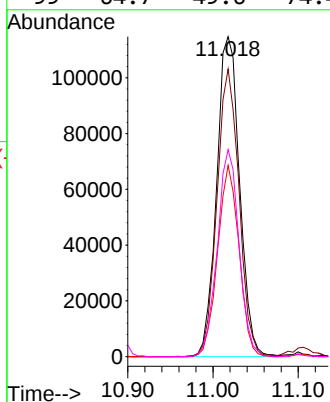
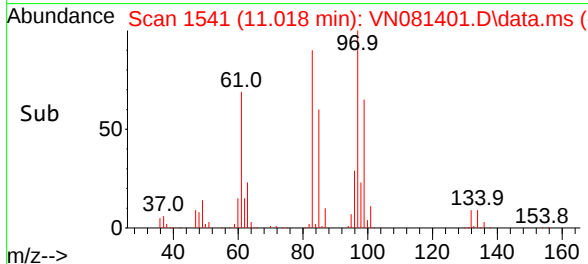
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 215072
Ion Ratio Lower Upper
97 100
83 89.9 72.9 109.3
85 59.8 50.2 75.2
99 64.7 49.6 74.4

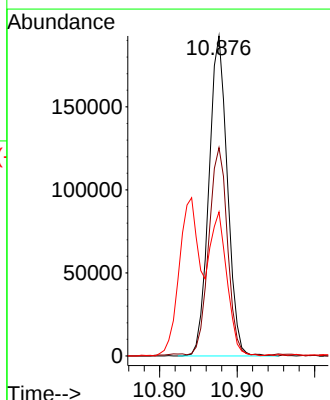
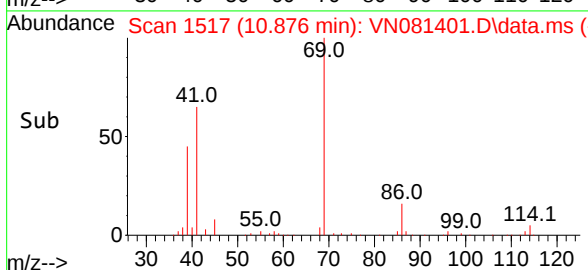
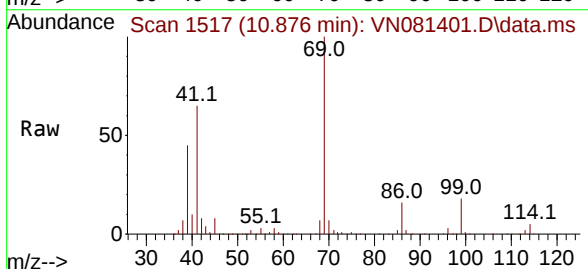
Manual Integrations
APPROVED

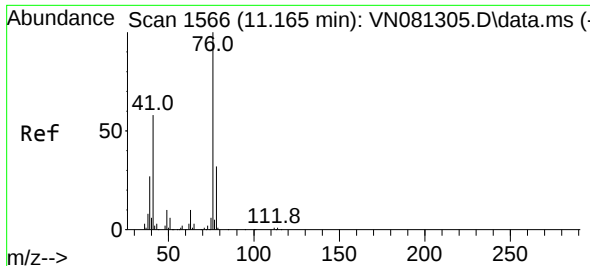
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#56
Ethyl methacrylate
Concen: 52.828 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

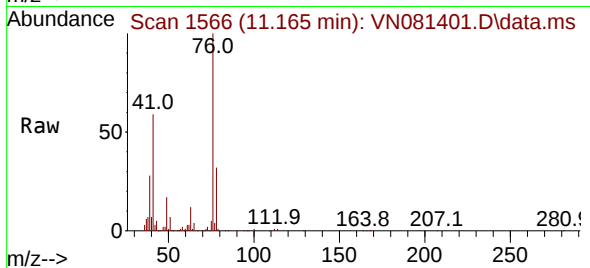
Tgt Ion: 69 Resp: 319292
Ion Ratio Lower Upper
69 100
41 65.5 61.0 91.6
39 41.0 31.8 47.6





#57
1,3-Dichloropropane
Concen: 50.894 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

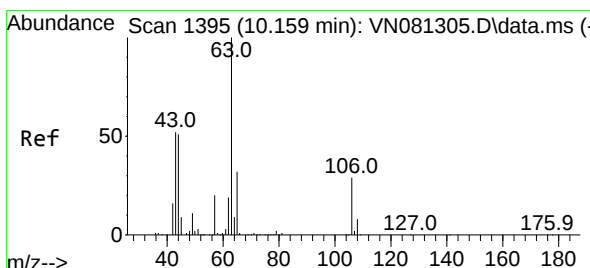
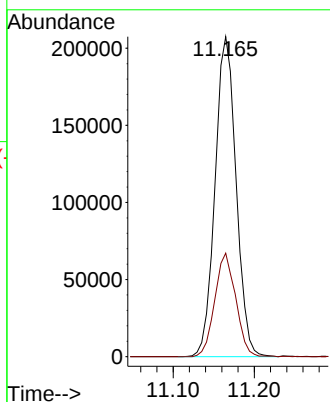
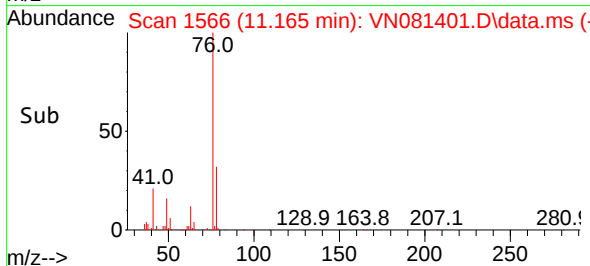
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



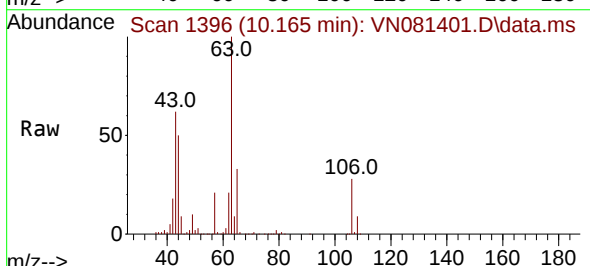
Tgt Ion: 76 Resp: 37387
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3

Manual Integrations
APPROVED

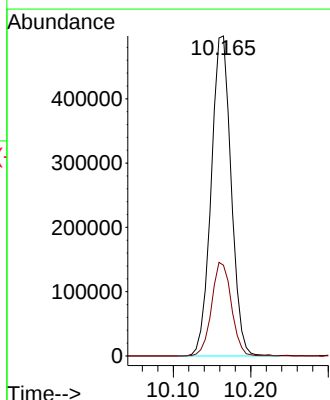
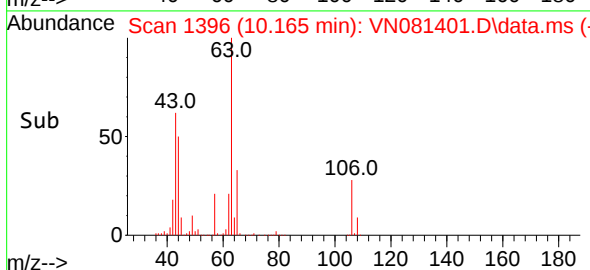
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

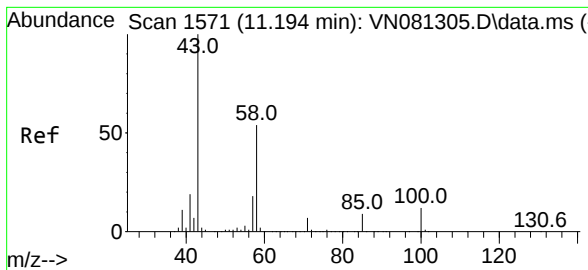


#58
2-Chloroethyl Vinyl ether
Concen: 273.888 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



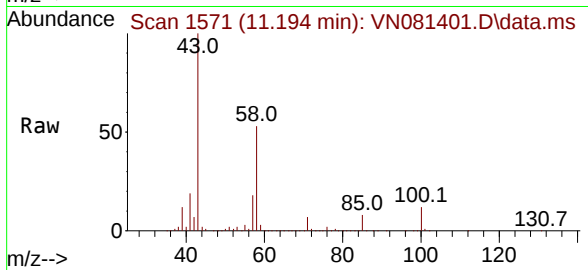
Tgt Ion: 63 Resp: 890461
Ion Ratio Lower Upper
63 100
106 29.0 18.6 28.0#





#59
2-Hexanone
Concen: 243.758 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

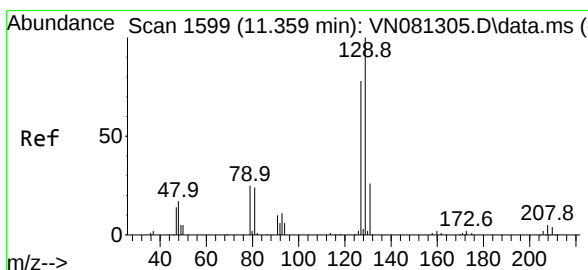
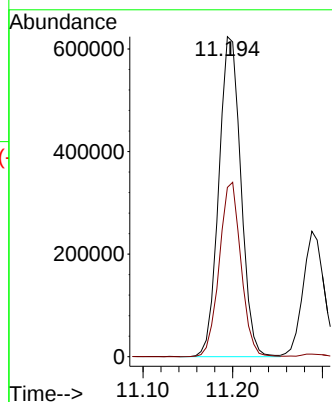
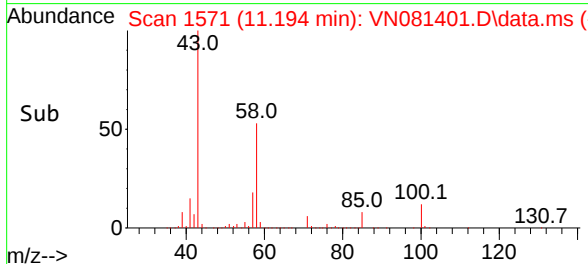
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



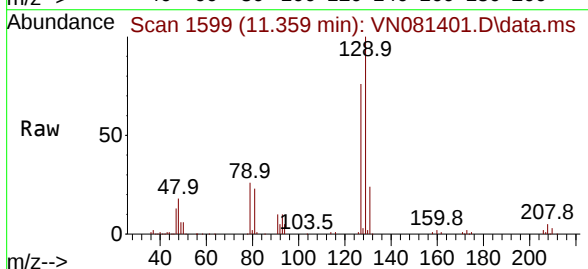
Tgt Ion: 43 Resp: 1065730
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8

Manual Integrations
APPROVED

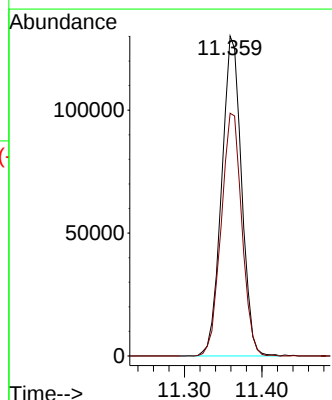
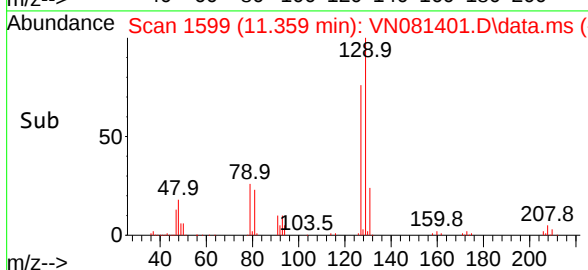
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

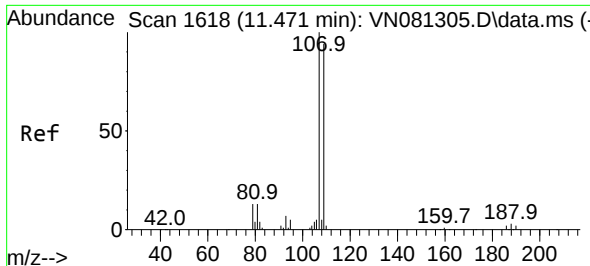


#60
Dibromochloromethane
Concen: 53.570 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



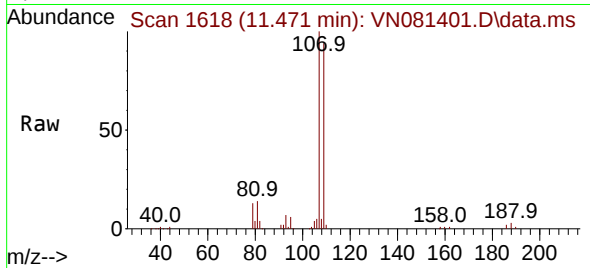
Tgt Ion:129 Resp: 232220
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 49.309 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

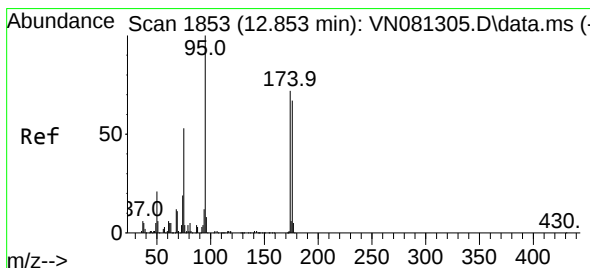
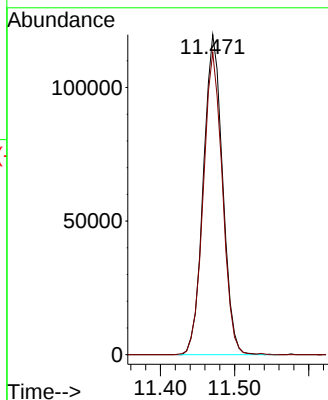
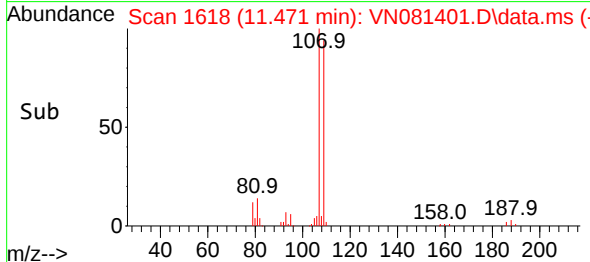
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 215349
Ion Ratio Lower Upper
107 100
109 94.1 73.4 110.2

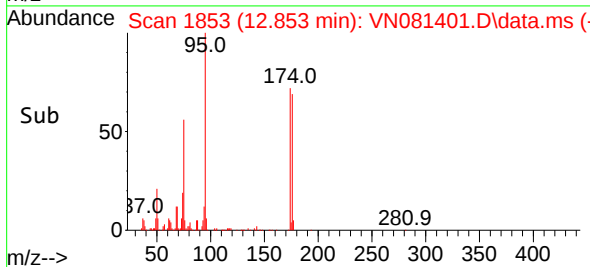
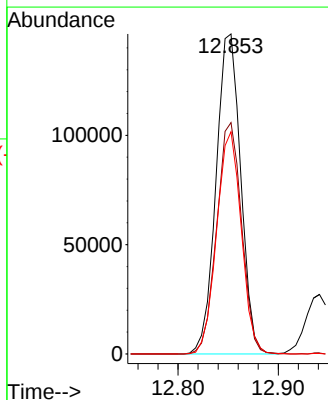
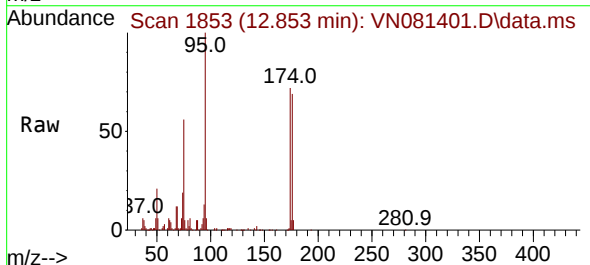
Manual Integrations
APPROVED

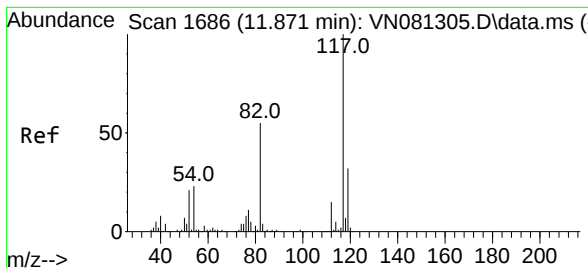
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#62
4-Bromofluorobenzene
Concen: 51.830 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

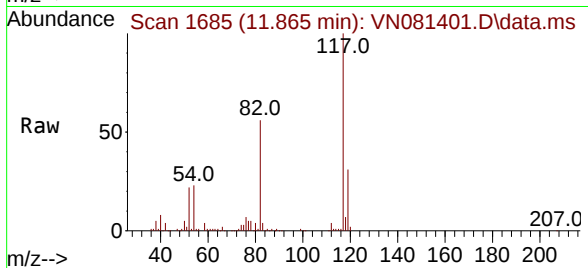
Tgt Ion: 95 Resp: 249871
Ion Ratio Lower Upper
95 100
174 73.0 0.0 120.4
176 69.3 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

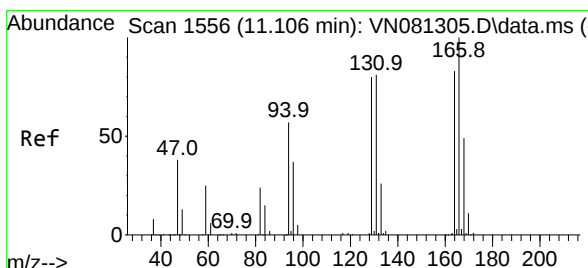
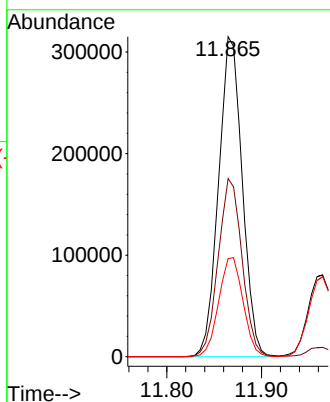
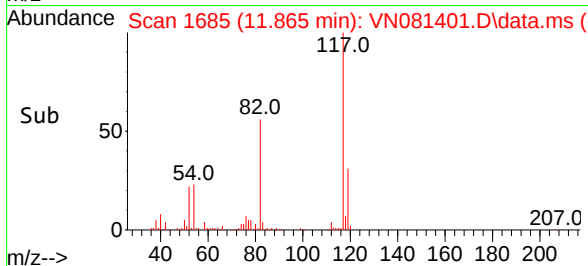
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 547809
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 30.7 25.3 37.9

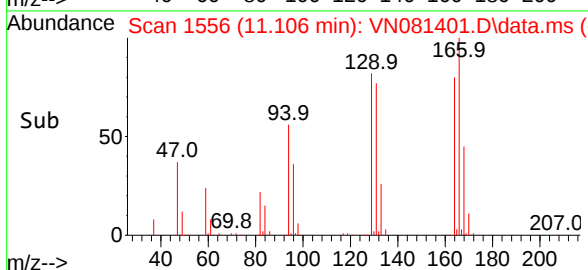
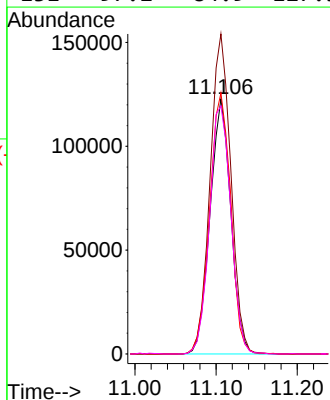
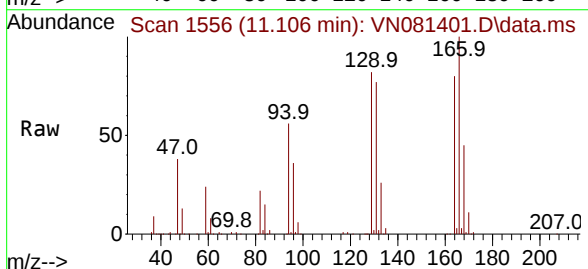
Manual Integrations
APPROVED

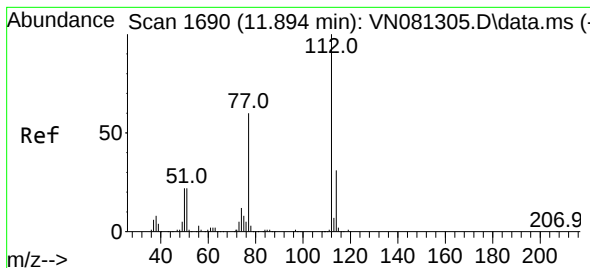
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#64
Tetrachloroethene
Concen: 50.682 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion:164 Resp: 217391
Ion Ratio Lower Upper
164 100
166 125.5 105.8 158.6
129 102.4 89.6 134.4
131 97.2 84.9 127.3





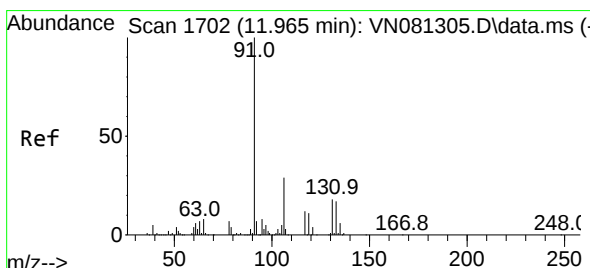
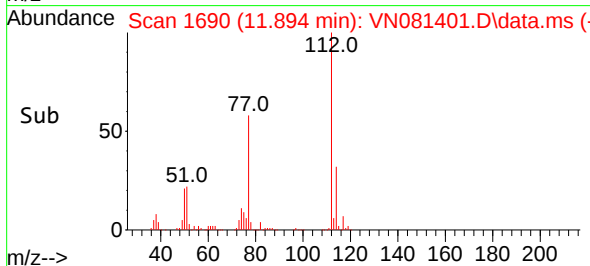
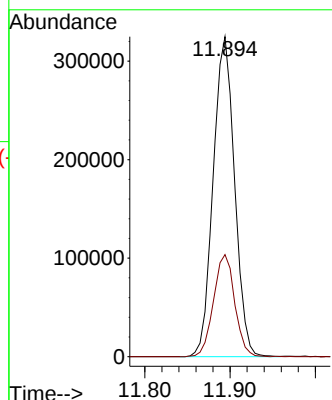
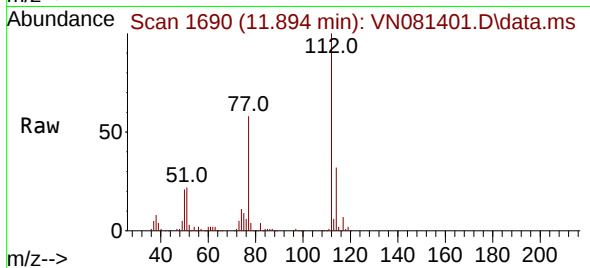
#65
Chlorobenzene
Concen: 49.033 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 566023
Ion Ratio Lower Upper
112 100
114 31.9 23.7 35.5

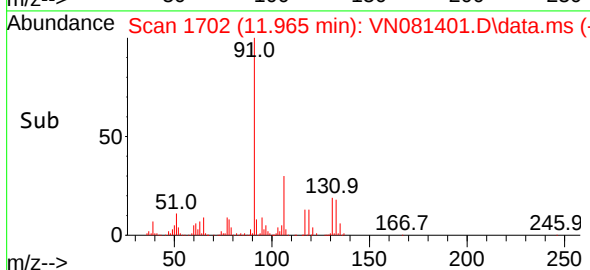
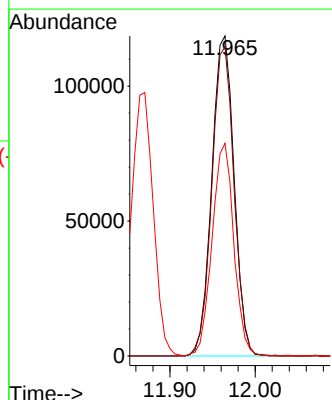
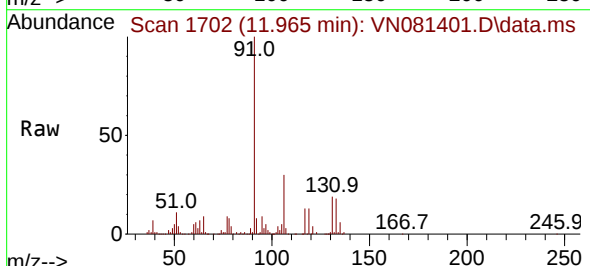
Manual Integrations
APPROVED

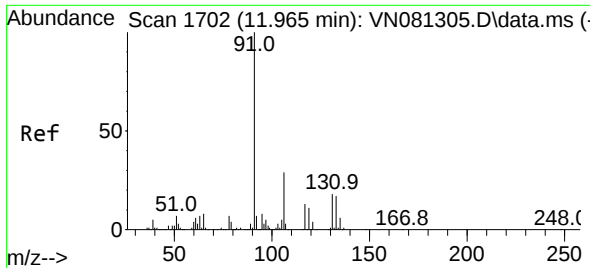
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.137 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion:131 Resp: 216011
Ion Ratio Lower Upper
131 100
133 96.1 46.8 140.3
119 64.7 34.6 103.9





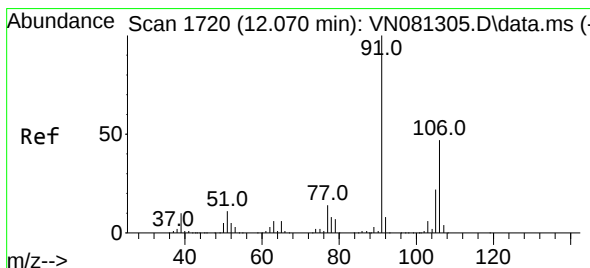
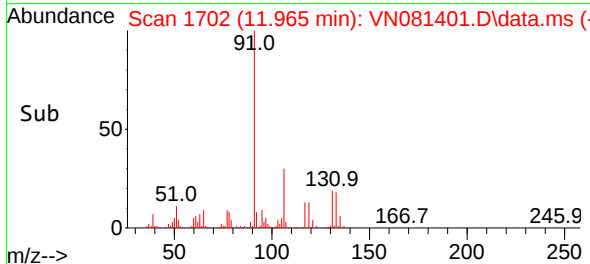
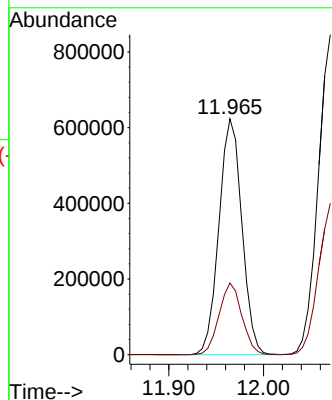
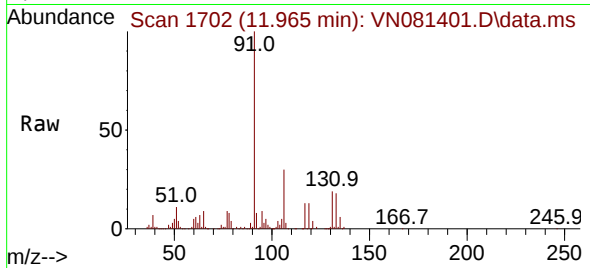
#67
Ethyl Benzene
Concen: 50.522 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 105055
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

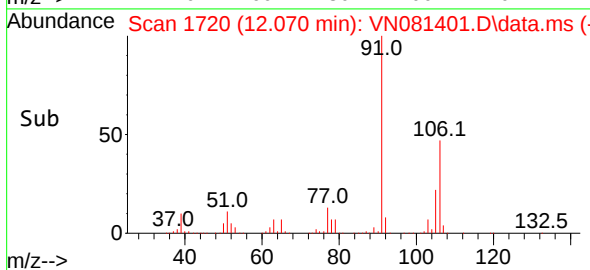
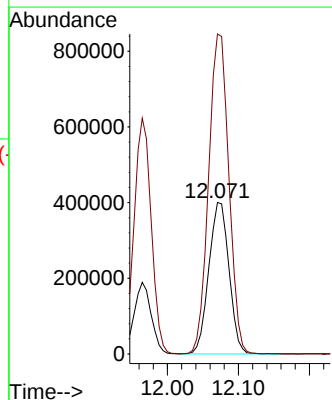
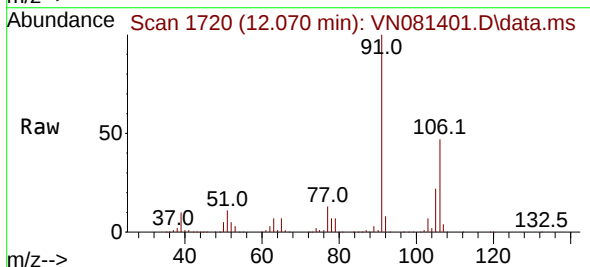
Manual Integrations
APPROVED

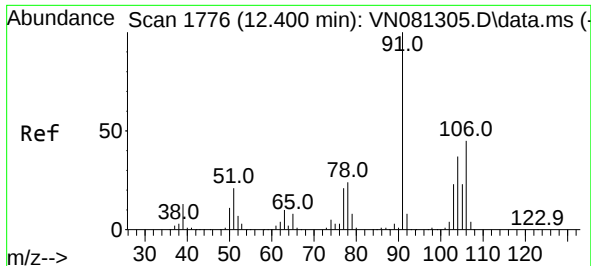
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#68
m/p-Xylenes
Concen: 100.923 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion:106 Resp: 789799
Ion Ratio Lower Upper
106 100
91 211.3 169.0 253.6





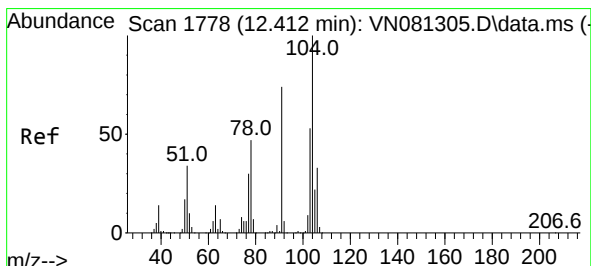
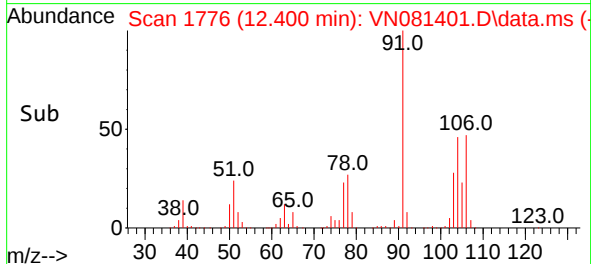
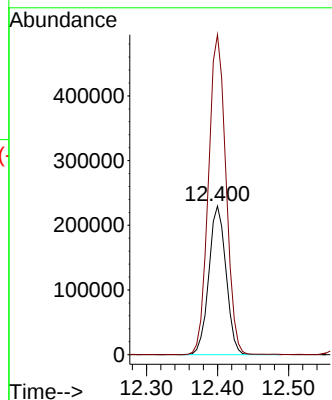
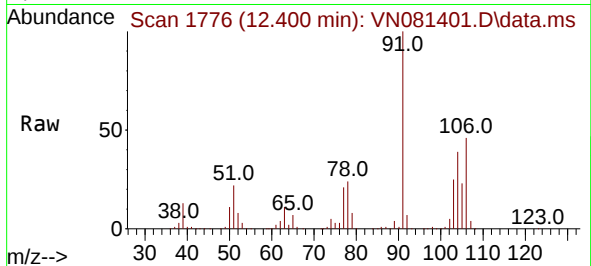
#69
o-Xylene
Concen: 50.959 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 386492
Ion Ratio Lower Upper
106 100
91 219.1 112.1 336.3

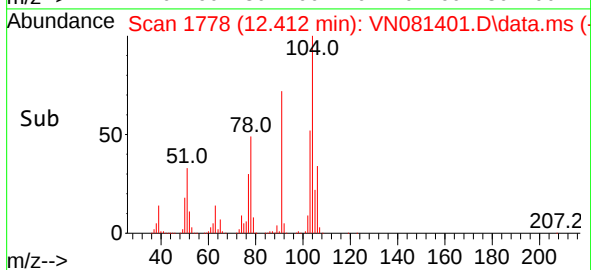
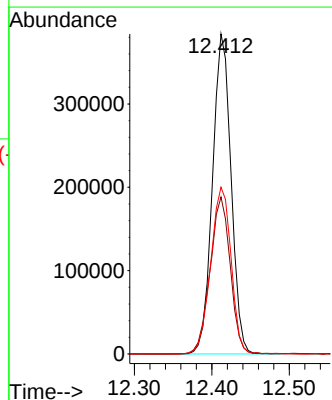
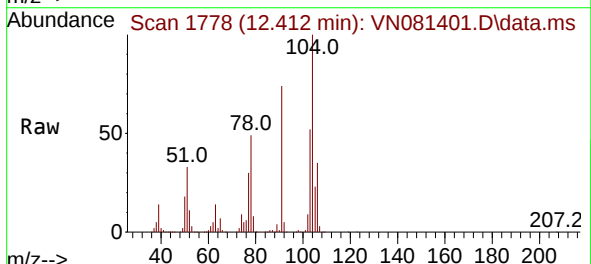
Manual Integrations
APPROVED

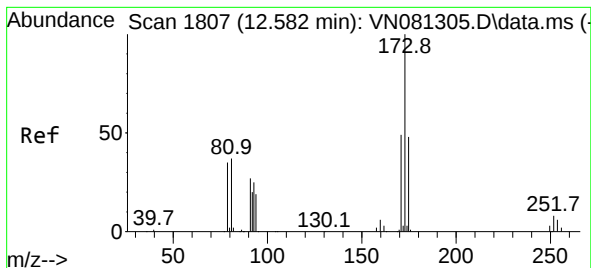
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#70
Styrene
Concen: 53.182 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion:104 Resp: 639194
Ion Ratio Lower Upper
104 100
78 53.2 43.8 65.8
103 57.2 44.2 66.2





#71

Bromoform

Concen: 50.362 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 147694

Ion Ratio Lower Upper

173 100

175 51.8 23.1 69.2

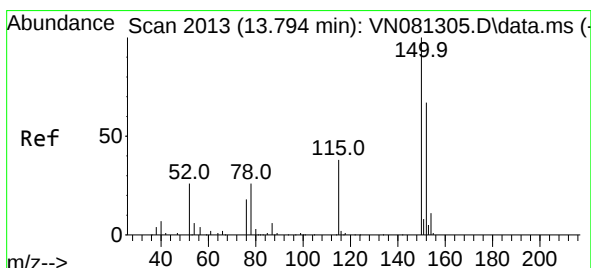
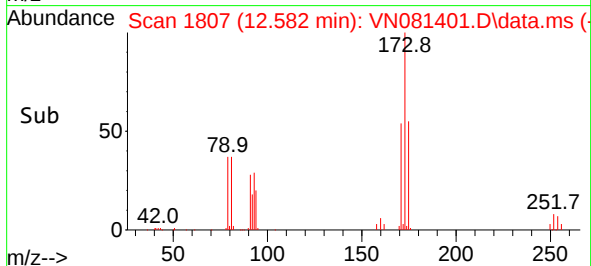
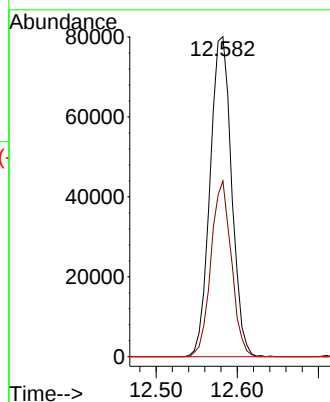
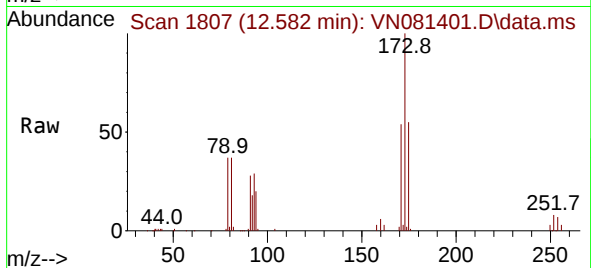
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

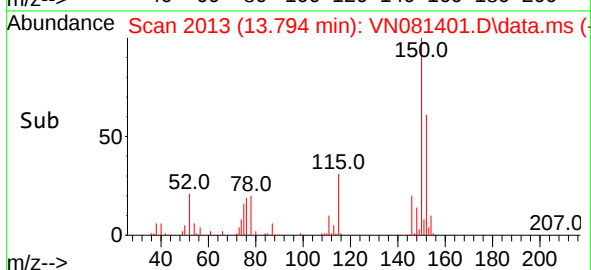
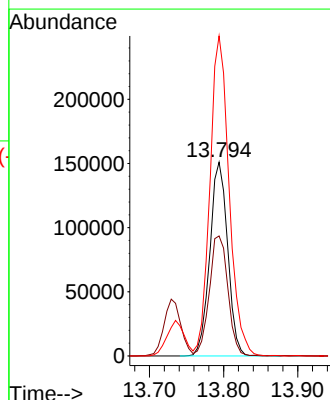
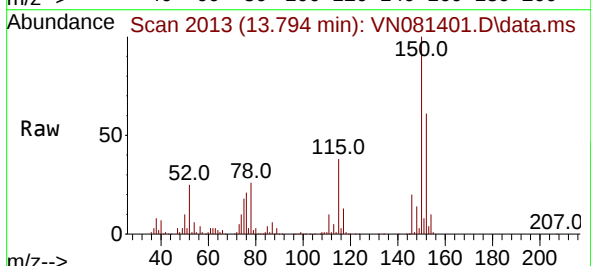
Tgt Ion:152 Resp: 252603

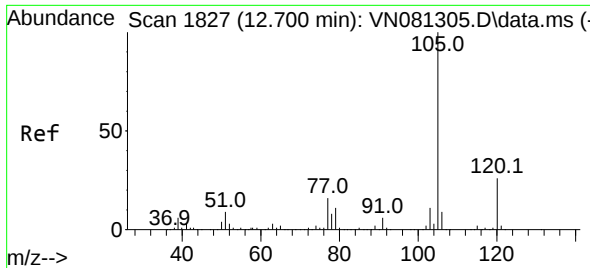
Ion Ratio Lower Upper

152 100

115 64.6 32.3 96.8

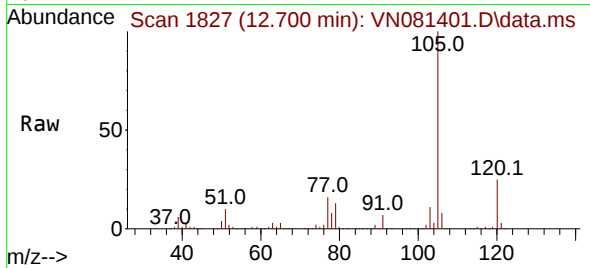
150 177.2 0.0 339.8





#73
Isopropylbenzene
Concen: 50.134 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

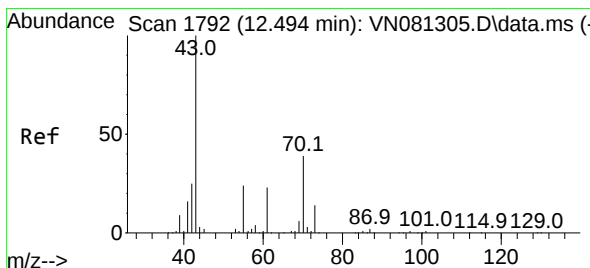
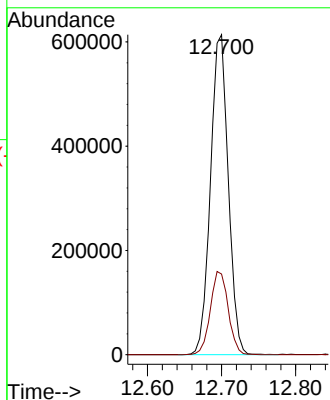
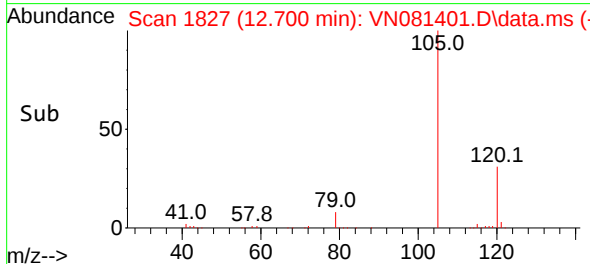
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



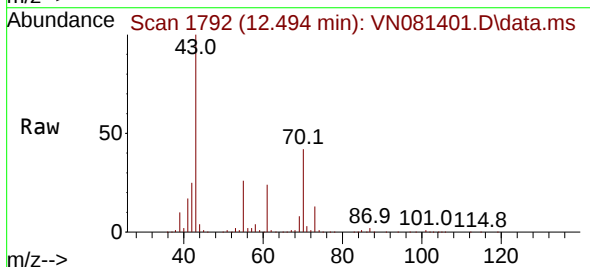
Tgt Ion:105 Resp: 1022609
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6

Manual Integrations
APPROVED

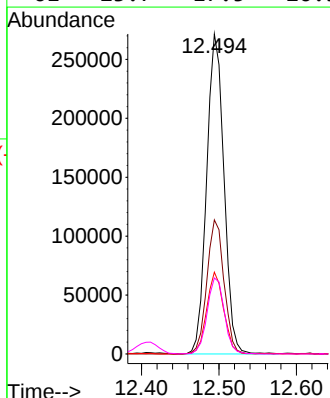
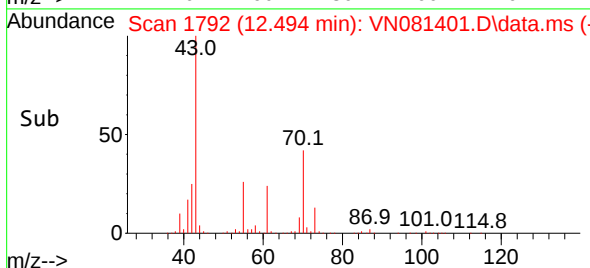
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

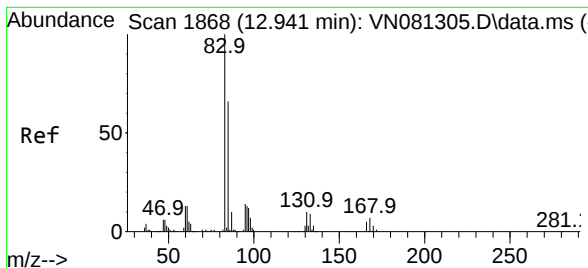


#74
N-ethyl acetate
Concen: 49.281 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



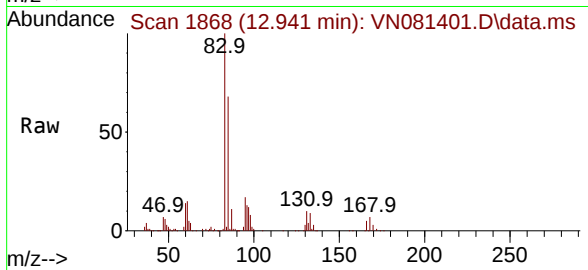
Tgt Ion: 43 Resp: 421776
Ion Ratio Lower Upper
43 100
70 41.5 30.1 45.1
55 25.1 17.0 25.4
61 23.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 44.829 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

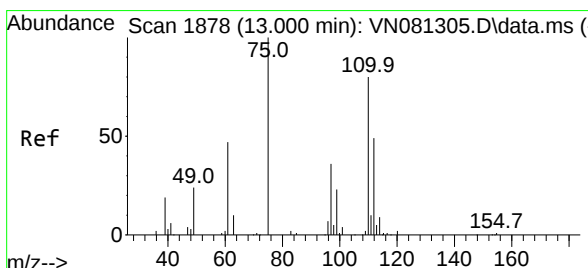
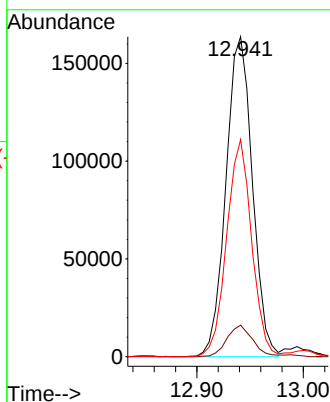
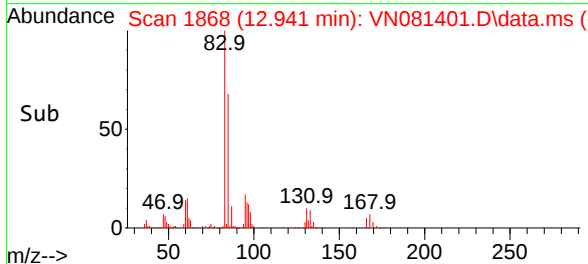
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 28219
Ion Ratio Lower Upper
83 100
131 9.9 4.1 12.3
85 64.4 32.1 96.3

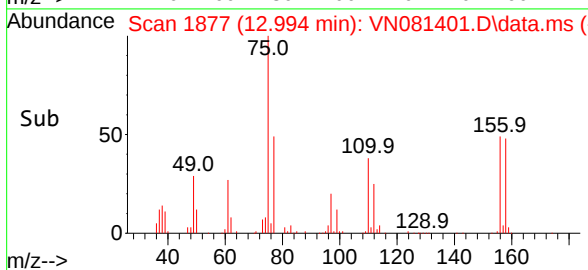
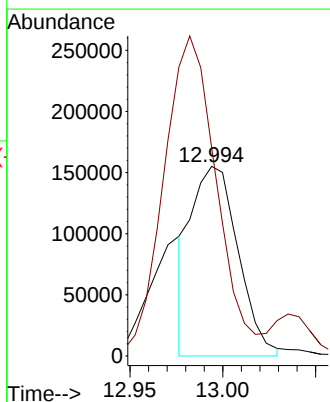
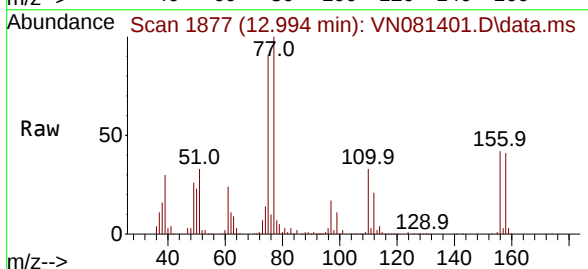
Manual Integrations
APPROVED

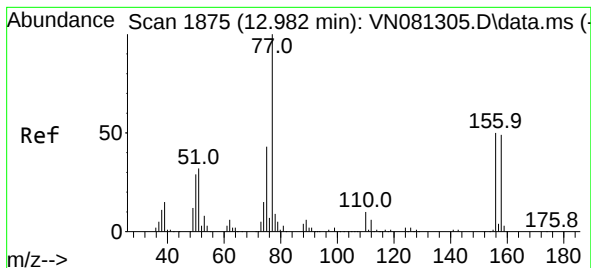
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#76
1,2,3-Trichloropropane
Concen: 45.510 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 271534
Ion Ratio Lower Upper
75 100
77 189.7 91.0 272.8





#77

Bromobenzene

Concen: 46.441 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 224599

Ion Ratio Lower Upper

156 100

77 229.4 138.1 414.3

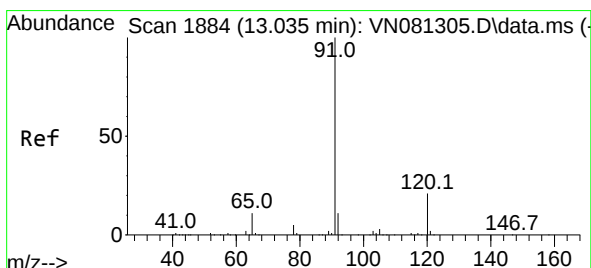
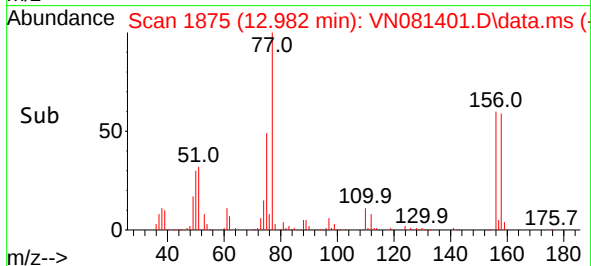
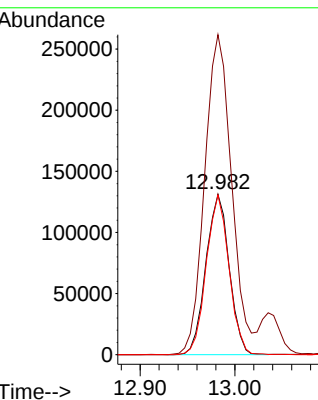
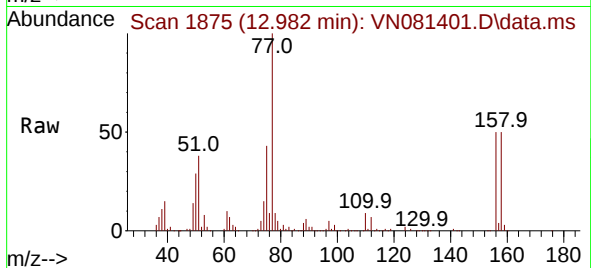
158 96.9 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#78

n-propylbenzene

Concen: 52.077 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081401.D

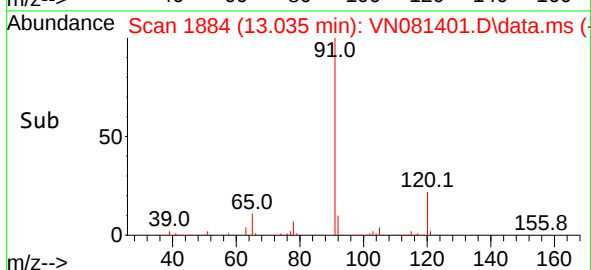
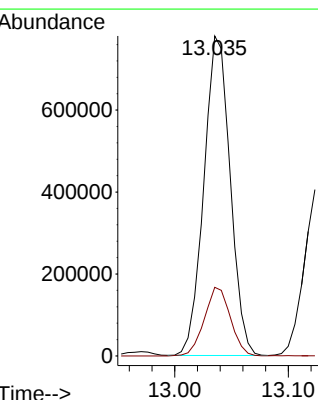
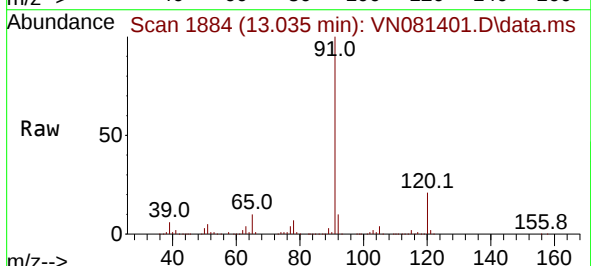
Acq: 14 Mar 2024 11:22

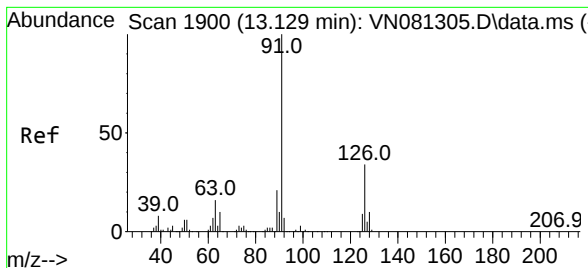
Tgt Ion: 91 Resp: 1256399

Ion Ratio Lower Upper

91 100

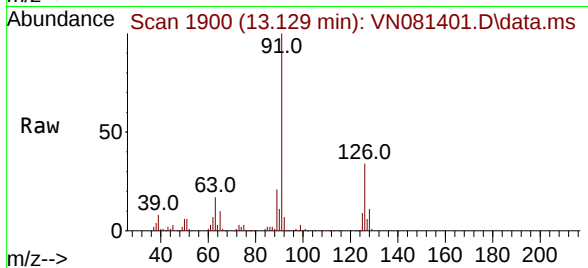
120 21.3 10.3 30.9





#79
2-Chlorotoluene
Concen: 49.494 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

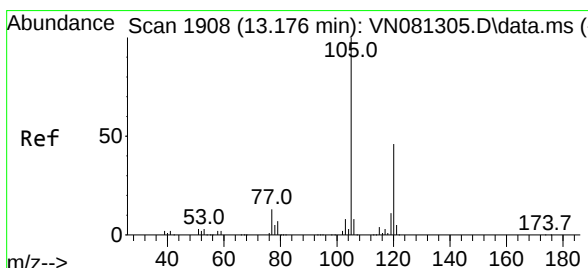
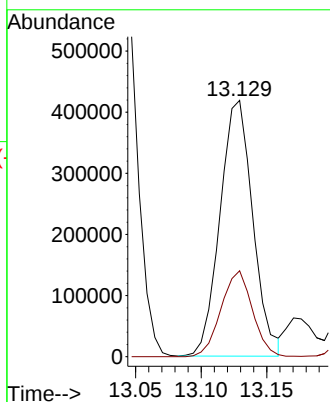
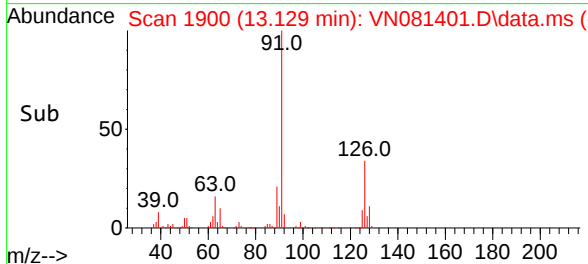
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 729884
Ion Ratio Lower Upper
91 100
126 32.1 14.8 44.4

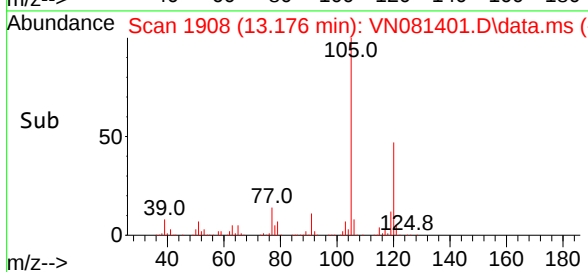
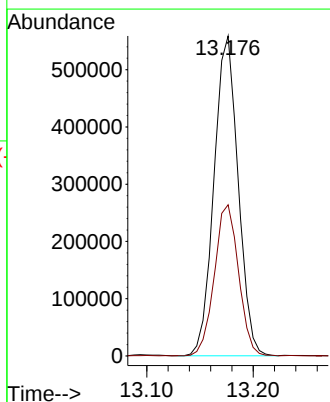
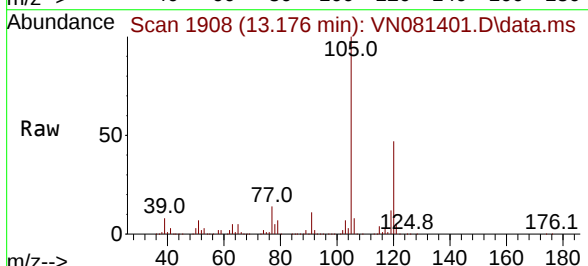
Manual Integrations
APPROVED

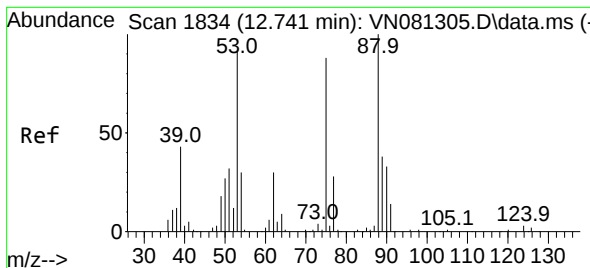
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.069 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion:105 Resp: 877959
Ion Ratio Lower Upper
105 100
120 47.3 23.0 69.0





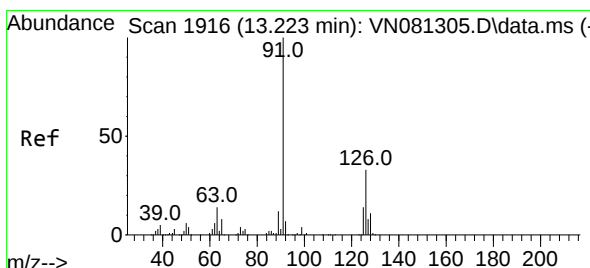
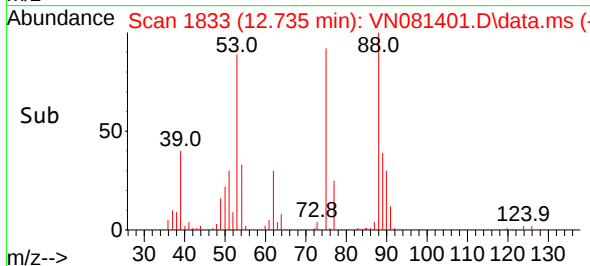
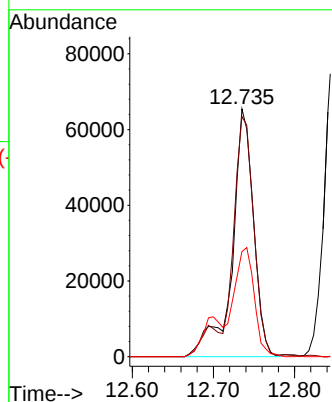
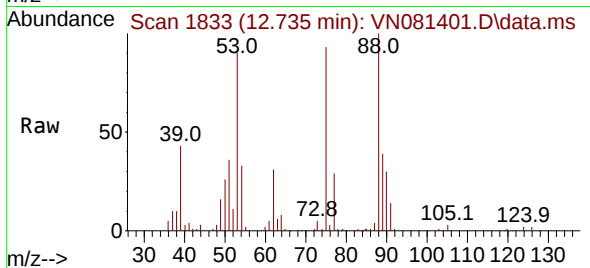
#81
trans-1,4-Dichloro-2-butene
Concen: 56.140 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 120020
Ion Ratio Lower Upper
75 100
53 87.4 71.4 107.2
89 41.9 33.4 50.0

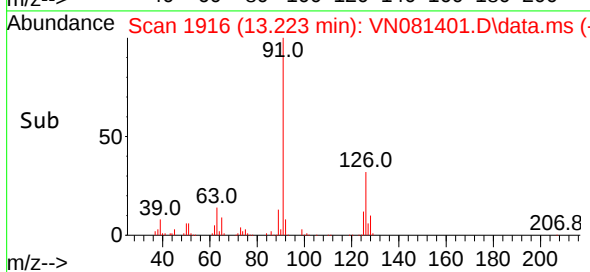
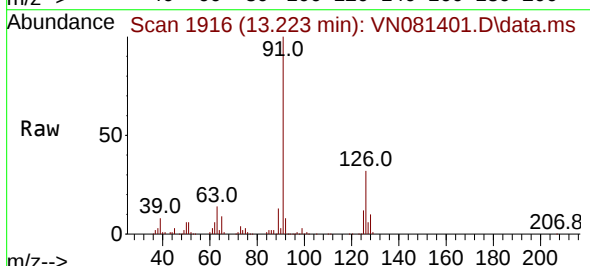
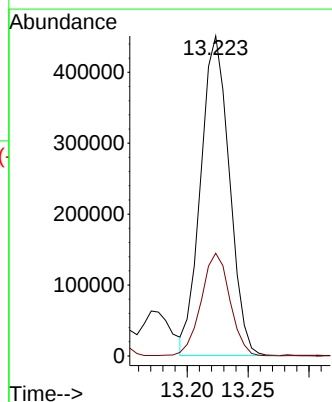
Manual Integrations
APPROVED

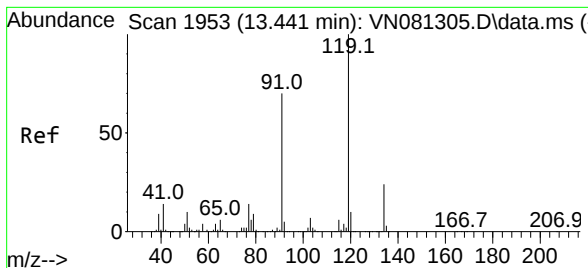
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#82
4-Chlorotoluene
Concen: 50.651 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

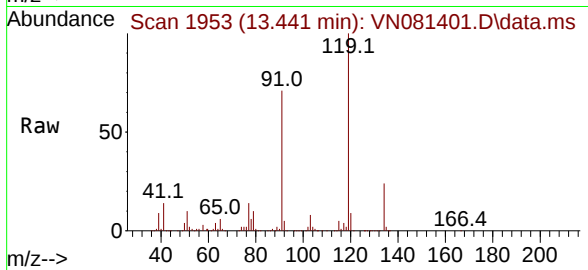
Tgt Ion: 91 Resp: 737780
Ion Ratio Lower Upper
91 100
126 32.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 50.268 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

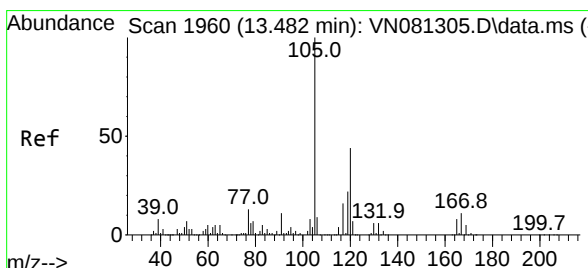
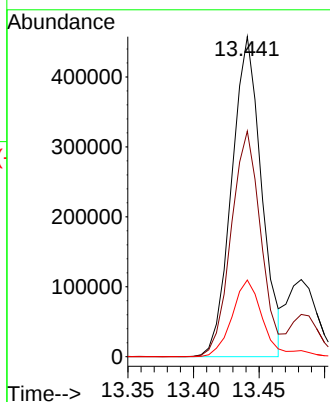
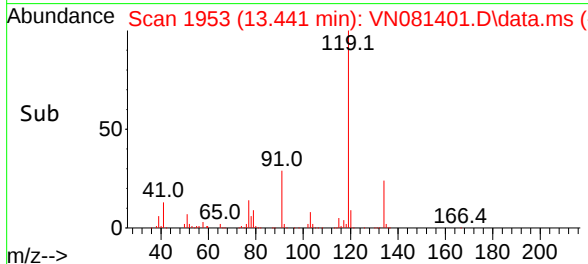
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



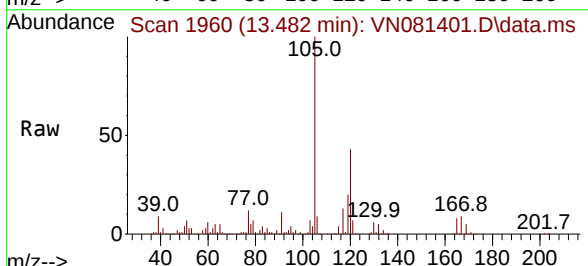
Tgt Ion:119 Resp: 726640
Ion Ratio Lower Upper
119 100
91 71.3 36.8 110.4
134 25.1 12.4 37.4

Manual Integrations
APPROVED

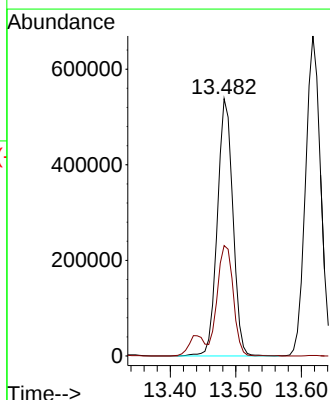
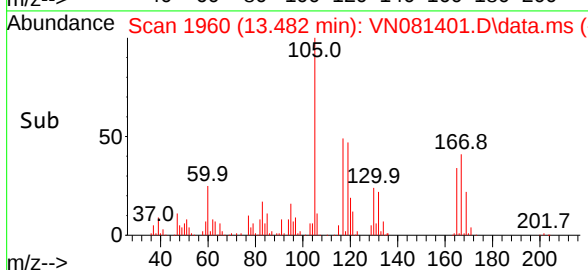
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

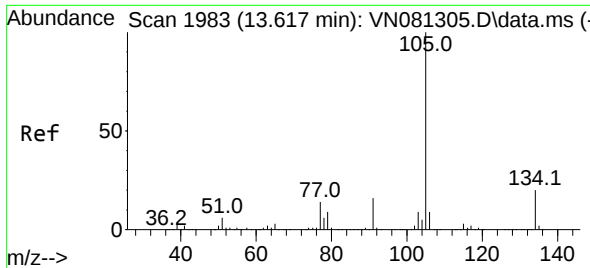


#84
1,2,4-Trimethylbenzene
Concen: 51.532 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



Tgt Ion:105 Resp: 880337
Ion Ratio Lower Upper
105 100
120 43.7 20.9 62.7





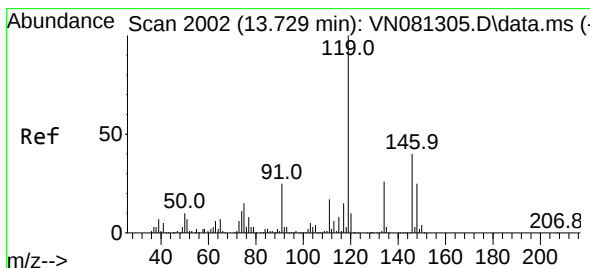
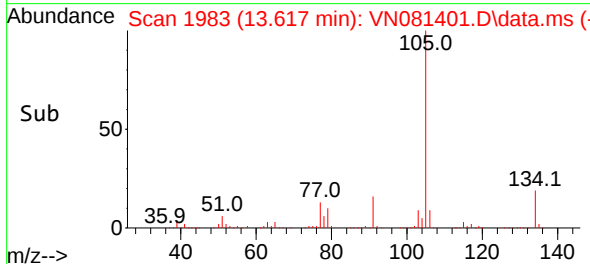
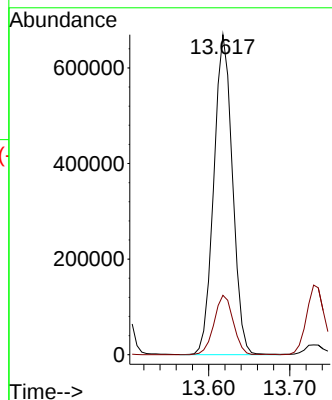
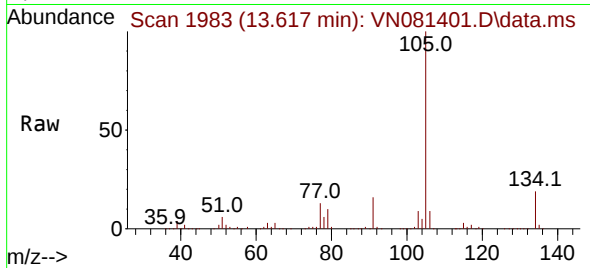
#85
 sec-Butylbenzene
 Concen: 51.239 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081401.D
 Acq: 14 Mar 2024 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1071550
 Ion Ratio Lower Upper
 105 100
 134 19.1 8.6 25.8

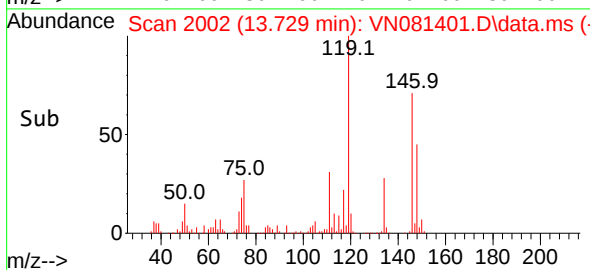
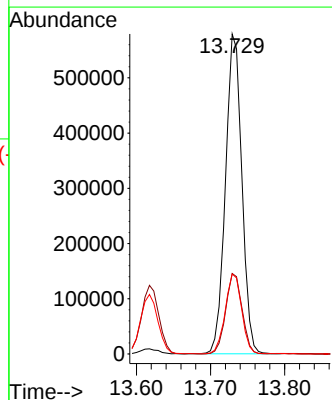
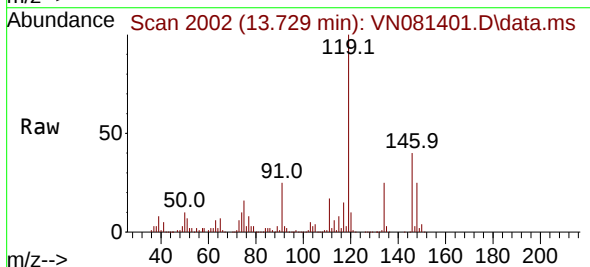
Manual Integrations
 APPROVED

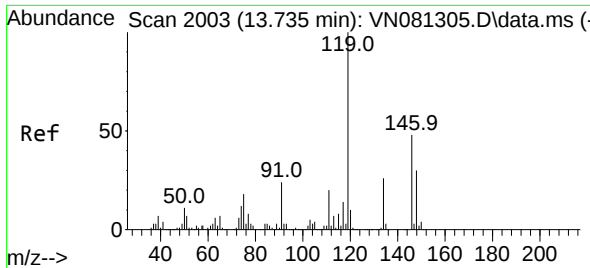
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024



#86
 p-Isopropyltoluene
 Concen: 52.991 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081401.D
 Acq: 14 Mar 2024 11:22

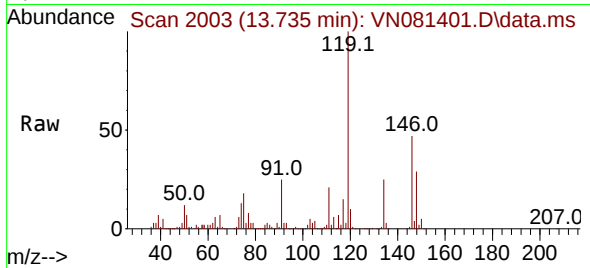
Tgt Ion:119 Resp: 888708
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.2
 91 25.0 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 47.996 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

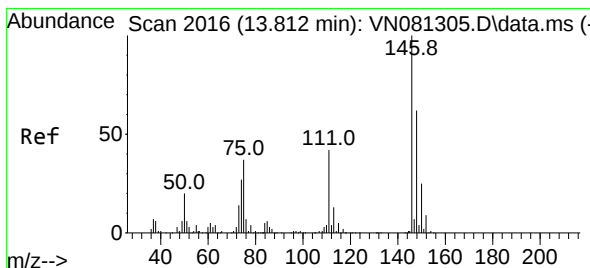
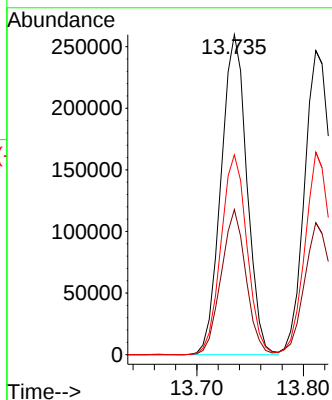
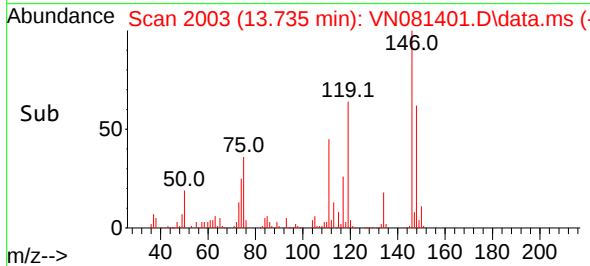
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



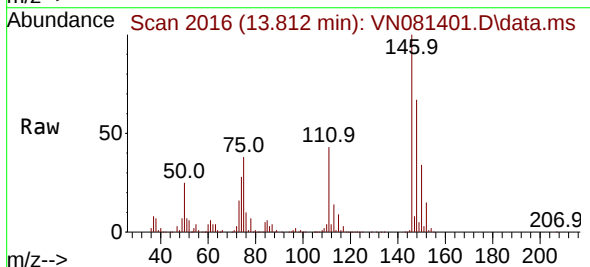
Tgt Ion:146 Resp: 43830
Ion Ratio Lower Upper
146 100
111 43.4 23.9 71.7
148 62.7 32.6 97.7

Manual Integrations
APPROVED

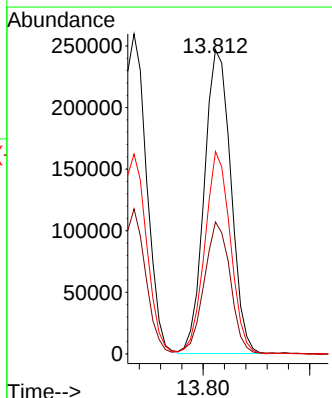
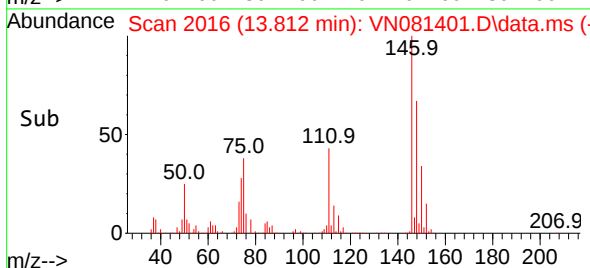
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

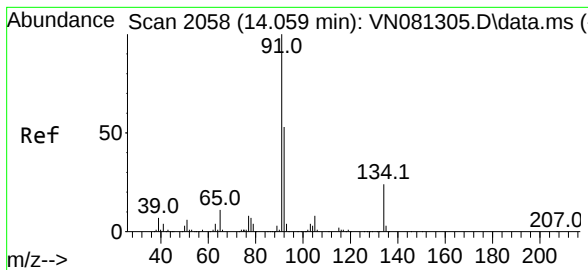


#88
1,4-Dichlorobenzene
Concen: 46.863 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



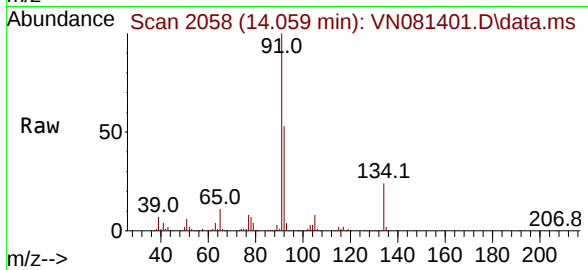
Tgt Ion:146 Resp: 427742
Ion Ratio Lower Upper
146 100
111 42.2 22.6 67.7
148 63.9 31.9 95.5





#89
n-Butylbenzene
Concen: 51.736 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

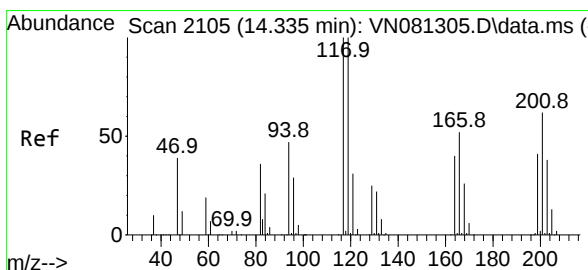
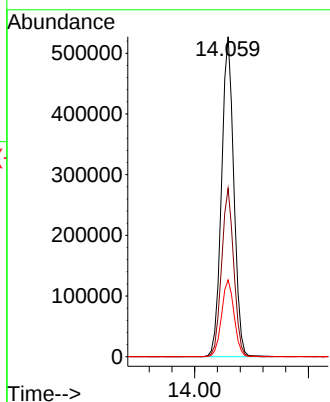
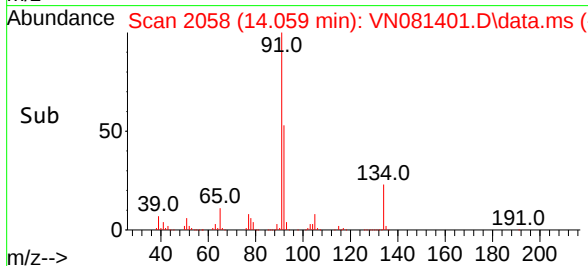
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 795699
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 24.4 10.8 32.4

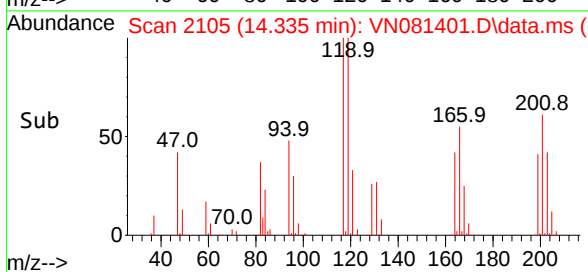
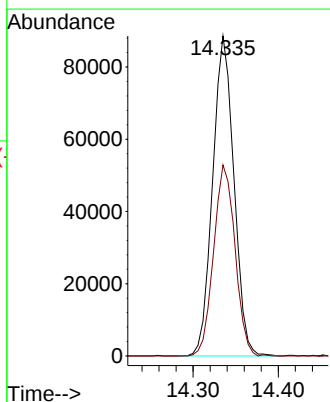
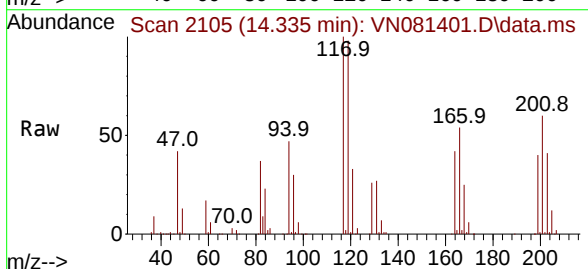
Manual Integrations
APPROVED

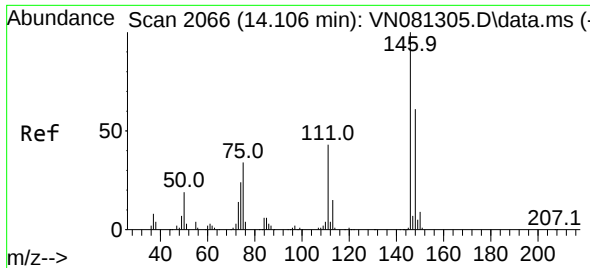
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#90
Hexachloroethane
Concen: 52.429 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion:117 Resp: 153942
Ion Ratio Lower Upper
117 100
201 60.1 30.0 90.0





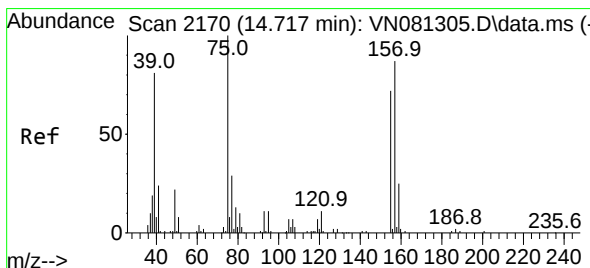
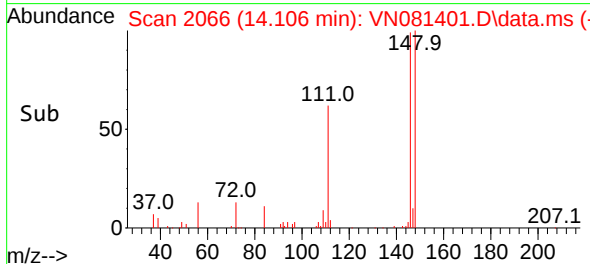
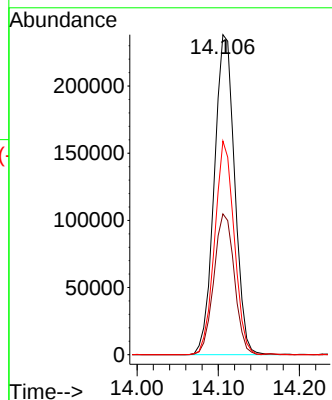
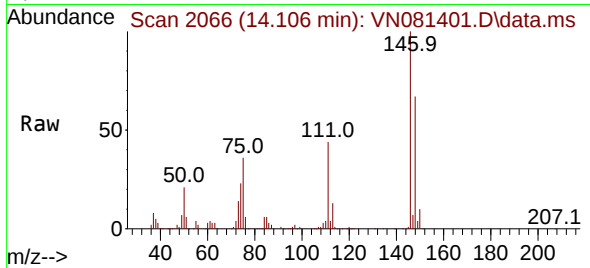
#91
1,2-Dichlorobenzene
Concen: 47.533 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 41646
Ion Ratio Lower Upper
146 100
111 44.2 23.9 71.8
148 63.9 31.4 94.0

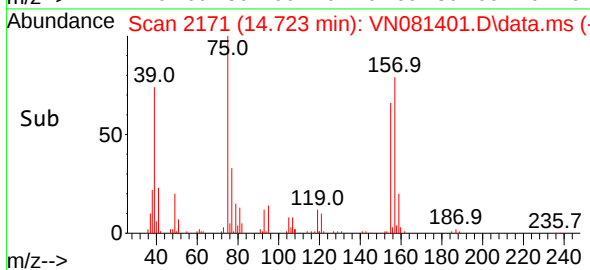
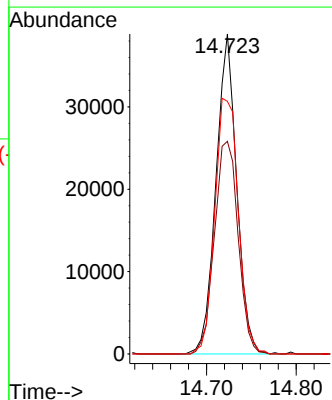
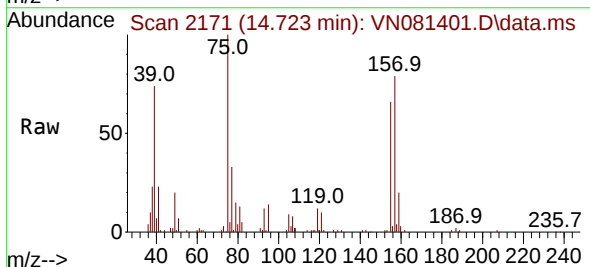
Manual Integrations
APPROVED

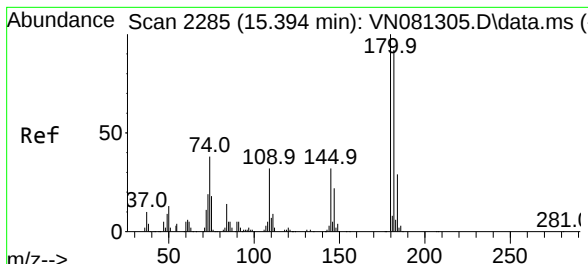
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.211 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

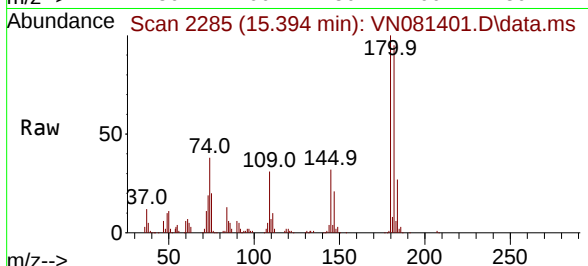
Tgt Ion: 75 Resp: 62249
Ion Ratio Lower Upper
75 100
155 76.0 31.8 95.4
157 91.0 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 49.636 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

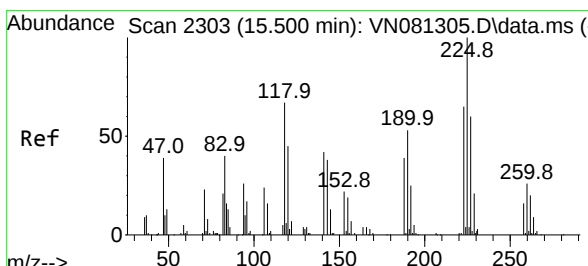
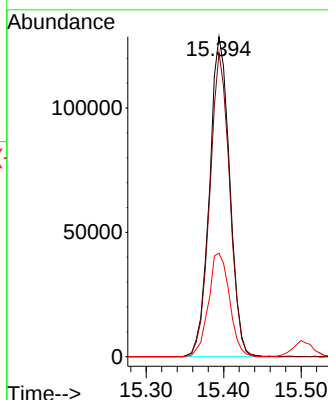
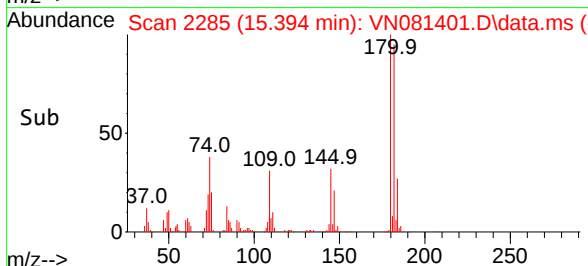
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



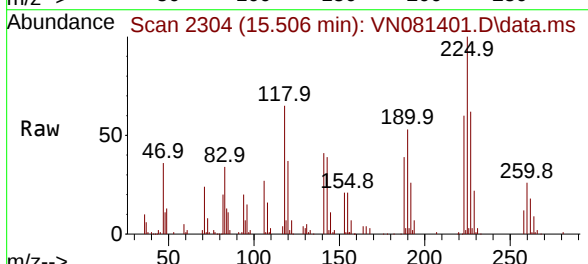
Tgt Ion:180 Resp: 232458
Ion Ratio Lower Upper
180 100
182 93.6 46.6 139.7
145 33.8 16.8 50.3

Manual Integrations
APPROVED

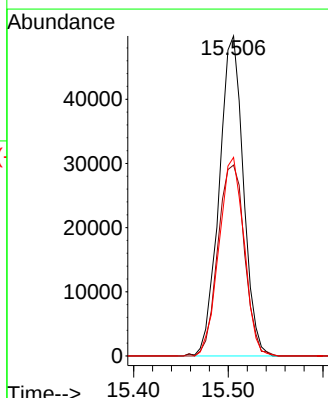
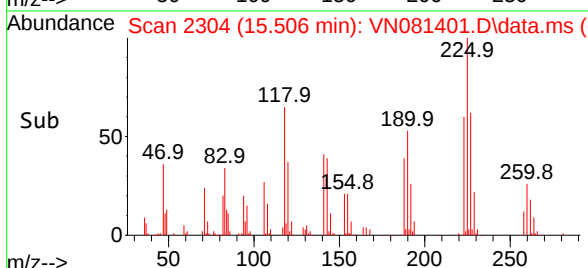
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

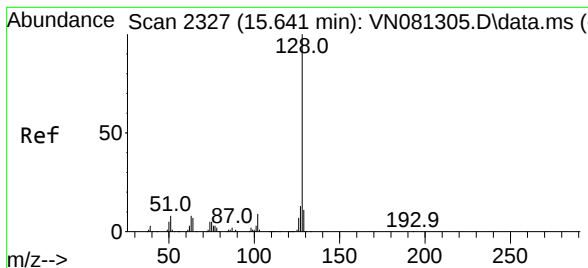


#94
Hexachlorobutadiene
Concen: 45.741 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22



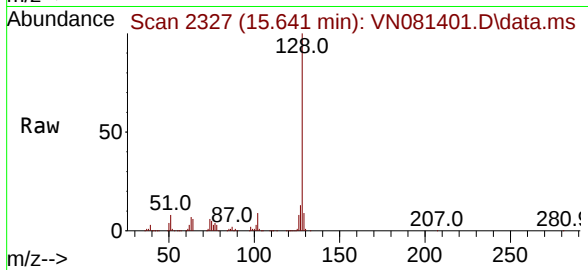
Tgt Ion:225 Resp: 88517
Ion Ratio Lower Upper
225 100
223 65.7 33.3 99.8
227 64.2 33.1 99.2





#95
Naphthalene
Concen: 49.053 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

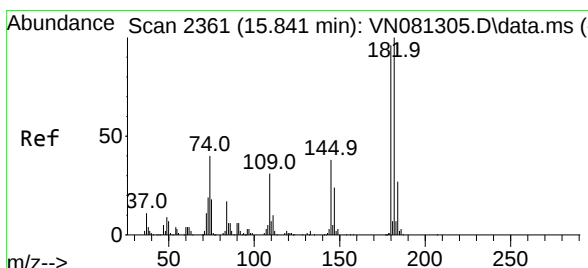
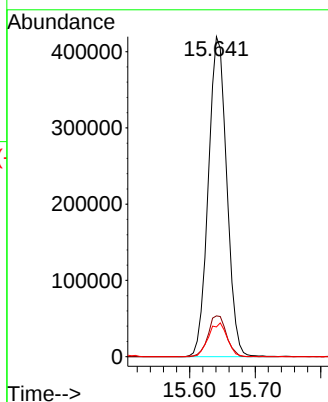
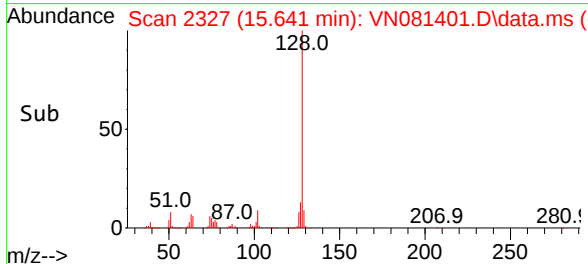
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 817452
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 48.728 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081401.D
Acq: 14 Mar 2024 11:22

Tgt Ion:180 Resp: 231427
Ion Ratio Lower Upper
180 100
182 94.5 46.5 139.3
145 36.3 17.8 53.4

