

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081306.D
 Acq On : 05 Mar 2024 12:48
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 06 02:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 01:47:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	332864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	606156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	543516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97732	20.306	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.620%#		
35) Dibromofluoromethane	8.171	113	74813	20.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.300%#		
50) Toluene-d8	10.571	98	285313	20.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.100%#		
62) 4-Bromofluorobenzene	12.847	95	99474	20.273	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	40.540%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81317	18.429	ug/l	97
3) Chloromethane	2.359	50	89593	18.797	ug/l	95
4) Vinyl Chloride	2.512	62	96389	19.386	ug/l	90
5) Bromomethane	2.942	94	66168	19.925	ug/l	88
6) Chloroethane	3.112	64	64649	18.930	ug/l	99
7) Trichlorofluoromethane	3.495	101	147528	20.057	ug/l	94
8) Diethyl Ether	3.959	74	53838	20.775	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	83172	19.856	ug/l	91
10) Methyl Iodide	4.594	142	77361	20.182	ug/l	98
11) Tert butyl alcohol	5.518	59	85638	101.761	ug/l	98
12) 1,1-Dichloroethene	4.336	96	76920	19.829	ug/l	95
13) Acrolein	4.183	56	98953	99.299	ug/l	99
14) Allyl chloride	5.024	41	115321	20.032	ug/l #	90
15) Acrylonitrile	5.718	53	227846	103.636	ug/l	99
16) Acetone	4.430	43	167890	98.457	ug/l	94
17) Carbon Disulfide	4.706	76	217997	19.690	ug/l	98
18) Methyl Acetate	5.024	43	90086	18.452	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	267502	20.333	ug/l	95
20) Methylene Chloride	5.277	84	91015	21.133	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	85981	19.660	ug/l	93
22) Diisopropyl ether	6.671	45	275069	21.512	ug/l #	90
23) Vinyl Acetate	6.606	43	1130695	108.850	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	158935	20.306	ug/l	97
25) 2-Butanone	7.488	43	292480	102.420	ug/l	92
26) 2,2-Dichloropropane	7.488	77	140507	20.311	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	97971	19.759	ug/l	91
28) Bromochloromethane	7.812	49	60619	18.100	ug/l #	64
29) Tetrahydrofuran	7.841	42	199578	102.490	ug/l #	88
30) Chloroform	7.971	83	167237	20.589	ug/l	97
31) Cyclohexane	8.259	56	145653	19.989	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	149705	20.851	ug/l	93
36) 1,1-Dichloropropene	8.371	75	123271	20.575	ug/l	96
37) Ethyl Acetate	7.559	43	122019	20.834	ug/l	97
38) Carbon Tetrachloride	8.359	117	127137	21.084	ug/l	96
39) Methylcyclohexane	9.600	83	140191	20.332	ug/l	88
40) Benzene	8.606	78	364394	20.376	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	63989	19.347	ug/l	93
42) 1,2-Dichloroethane	8.671	62	131358	20.833	ug/l	100
43) Isopropyl Acetate	8.688	43	204552	19.954	ug/l	96
44) Trichloroethene	9.353	130	94315	20.911	ug/l	100
45) 1,2-Dichloropropane	9.624	63	94215	20.972	ug/l	99
46) Dibromomethane	9.712	93	66215	20.911	ug/l	93
47) Bromodichloromethane	9.888	83	128398	20.887	ug/l #	95
48) Methyl methacrylate	9.682	41	92529	20.420	ug/l	90
49) 1,4-Dioxane	9.694	88	40122	401.734	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	630936	106.000	ug/l	96
52) Toluene	10.629	92	227698	21.077	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	136902	20.583	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	152827	21.284	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	87163	20.346	ug/l	98
56) Ethyl methacrylate	10.876	69	131093	21.311	ug/l	92
57) 1,3-Dichloropropane	11.165	76	153470	20.526	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	345949	104.549	ug/l #	90
59) 2-Hexanone	11.200	43	480453	107.971	ug/l	97
60) Dibromochloromethane	11.365	129	92942	21.066	ug/l	97
61) 1,2-Dibromoethane	11.470	107	93643	21.067	ug/l	98
64) Tetrachloroethene	11.106	164	87726	20.614	ug/l	90
65) Chlorobenzene	11.894	112	242605	21.182	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	87932	20.981	ug/l	98
67) Ethyl Benzene	11.965	91	428845	20.786	ug/l	96
68) m/p-Xylenes	12.076	106	328566	42.317	ug/l	98
69) o-Xylene	12.400	106	157724	20.960	ug/l	99
70) Styrene	12.412	104	260010	21.804	ug/l	97
71) Bromoform	12.582	173	59021	20.285	ug/l #	96
73) Isopropylbenzene	12.700	105	419991	21.021	ug/l	98
74) N-amyl acetate	12.494	43	175053	20.882	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	124828	20.245	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	120193m	20.059	ug/l	
77) Bromobenzene	12.982	156	93374	19.711	ug/l	81
78) n-propylbenzene	13.035	91	501181	21.208	ug/l	98
79) 2-Chlorotoluene	13.129	91	299620	20.743	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	352629	21.351	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	42773	20.426	ug/l #	86
82) 4-Chlorotoluene	13.223	91	296464	20.779	ug/l	97
83) tert-Butylbenzene	13.441	119	296113	20.913	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	360827	21.564	ug/l	98
85) sec-Butylbenzene	13.617	105	435655	21.268	ug/l	95
86) p-Isopropyltoluene	13.729	119	356855	21.724	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	175334	19.602	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	180499	20.189	ug/l	98
89) n-Butylbenzene	14.059	91	307465	20.410	ug/l	97
90) Hexachloroethane	14.335	117	60537	21.049	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	171822	20.021	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26736	20.263	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	95095	20.730	ug/l	98
94) Hexachlorobutadiene	15.506	225	38075	20.087	ug/l	95
95) Naphthalene	15.641	128	343718	21.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	94271	20.265	ug/l	99

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

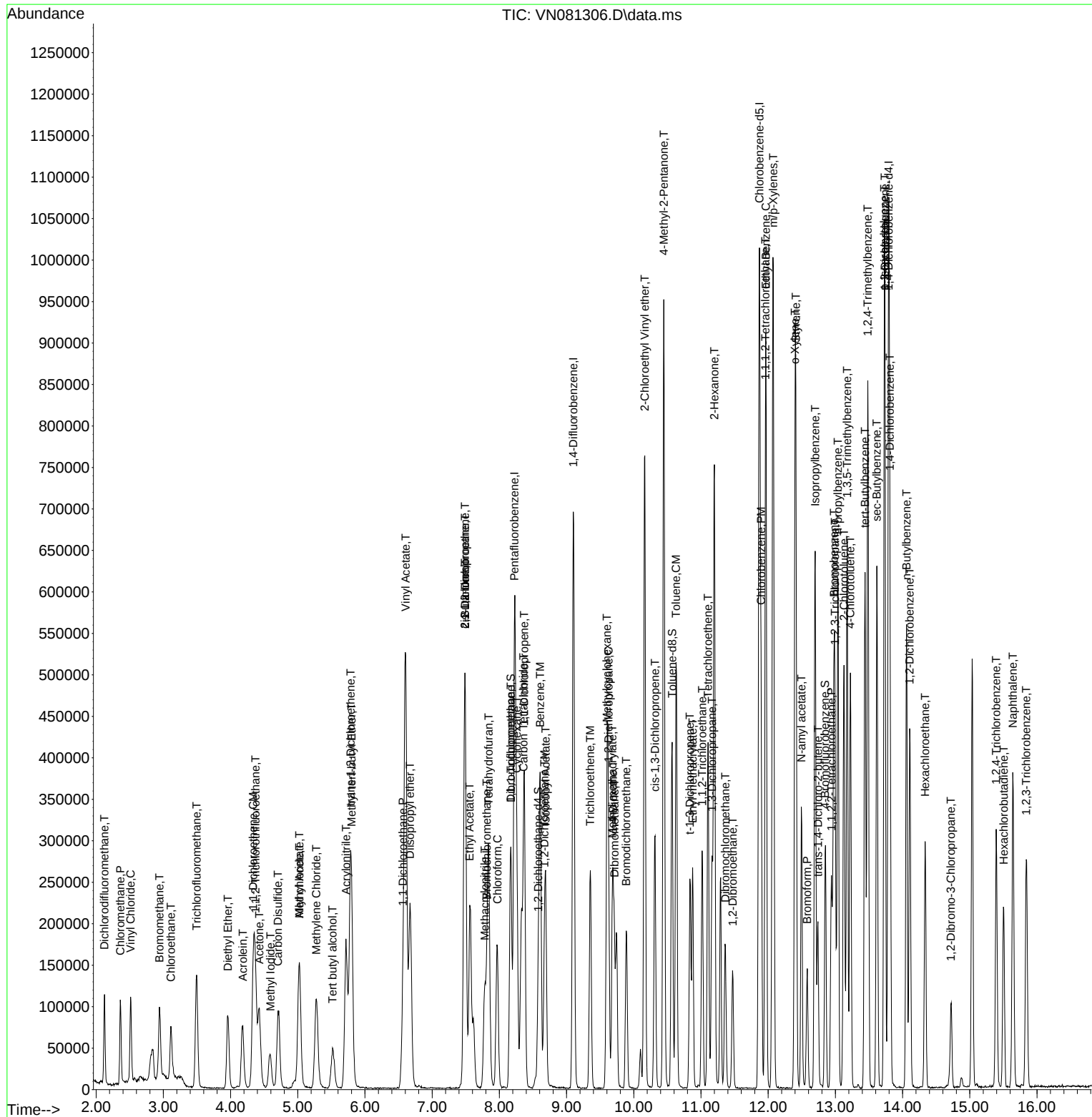
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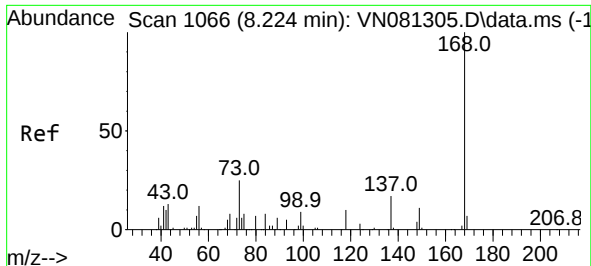
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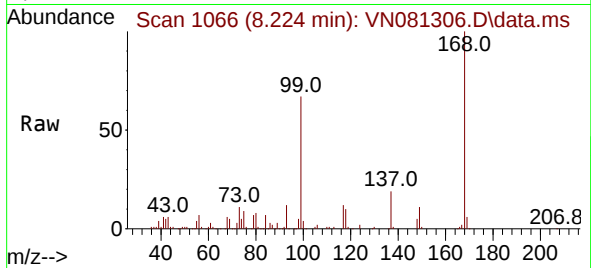
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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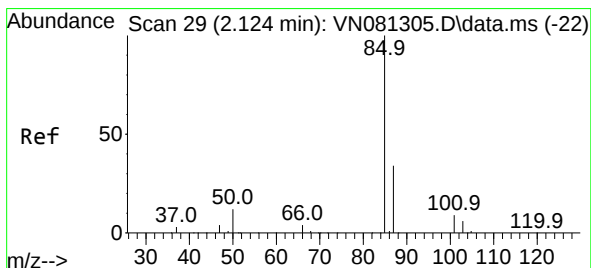
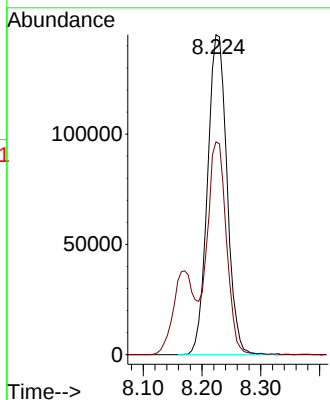
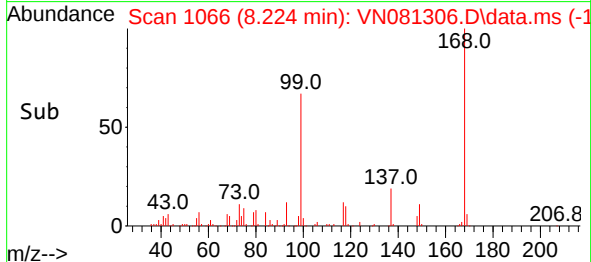
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Tgt Ion:168 Resp: 332864
Ion Ratio Lower Upper
168 100
99 66.1 59.9 89.9

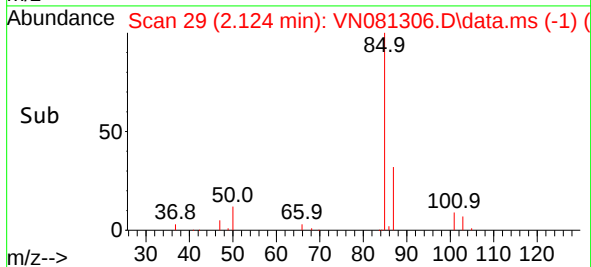
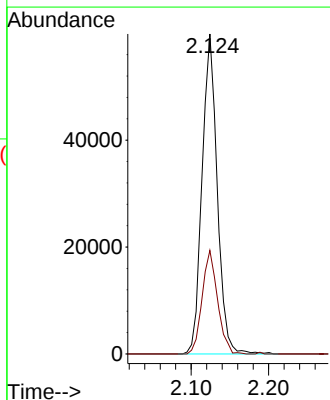
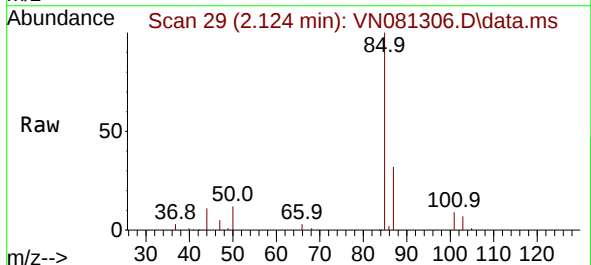
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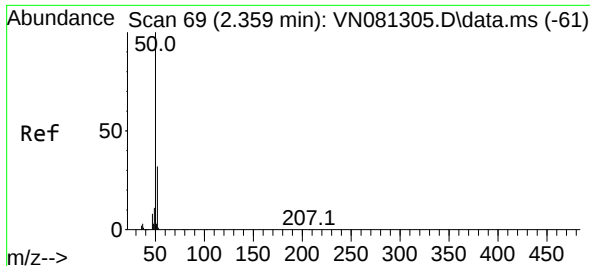
Reviewed By :John Carlone 03/06/2024
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#2
Dichlorodifluoromethane
Concen: 18.429 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

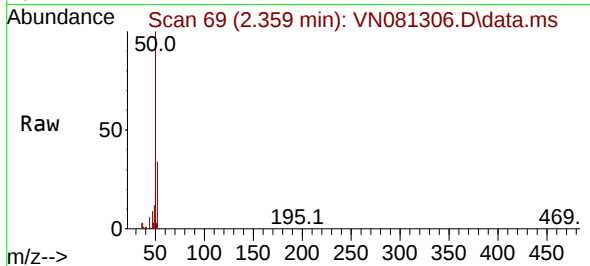
Tgt Ion: 85 Resp: 81317
Ion Ratio Lower Upper
85 100
87 32.3 15.3 45.9





#3
Chloromethane
Concen: 18.797 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

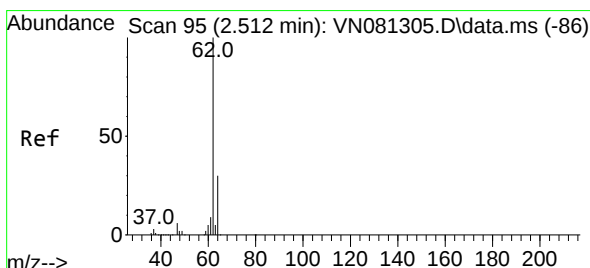
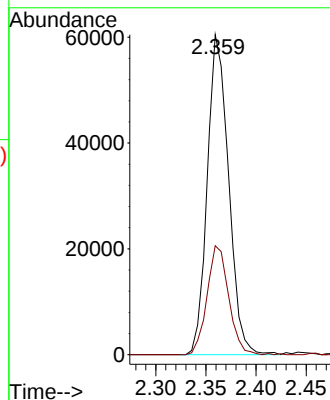
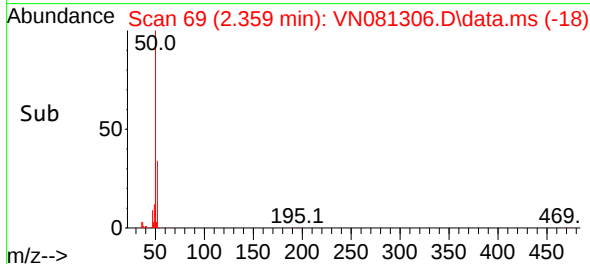
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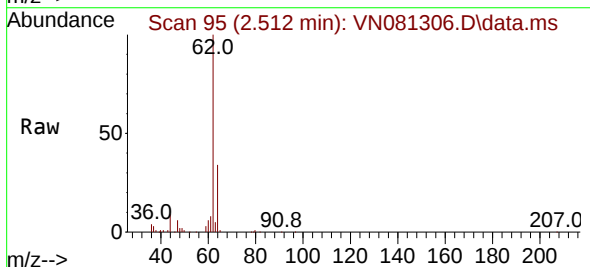
Tgt Ion: 50 Resp: 8959
Ion Ratio Lower Upper
50 100
52 34.0 25.0 37.4

Manual Integrations
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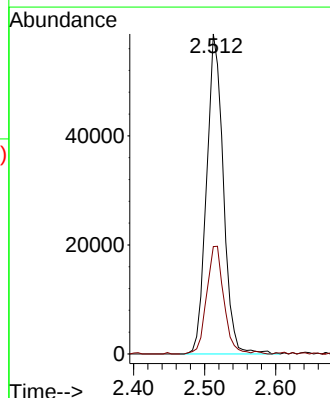
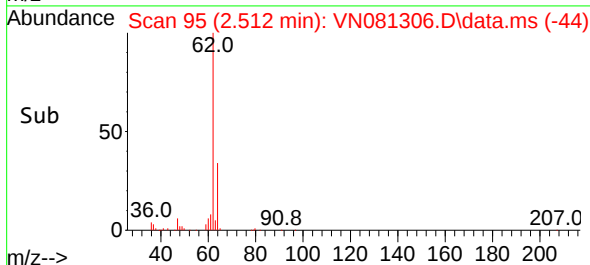
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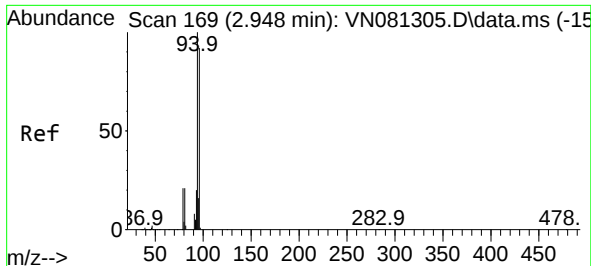


#4
Vinyl Chloride
Concen: 19.386 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



Tgt Ion: 62 Resp: 96389
Ion Ratio Lower Upper
62 100
64 33.5 22.7 34.1





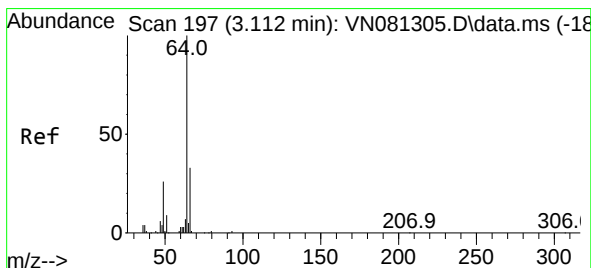
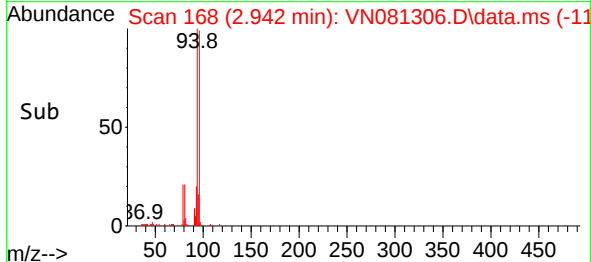
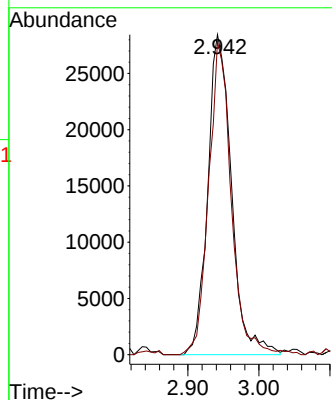
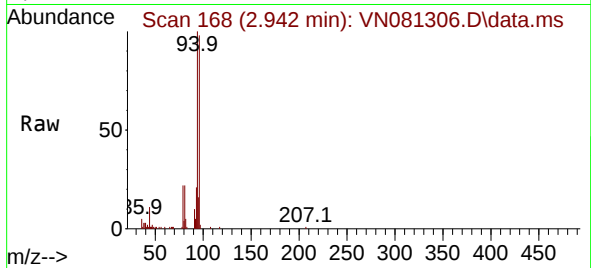
#5
Bromomethane
Concen: 19.925 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN081306.D
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Tgt Ion: 94 Resp: 66168
Ion Ratio Lower Upper
94 100
96 97.9 69.2 103.8

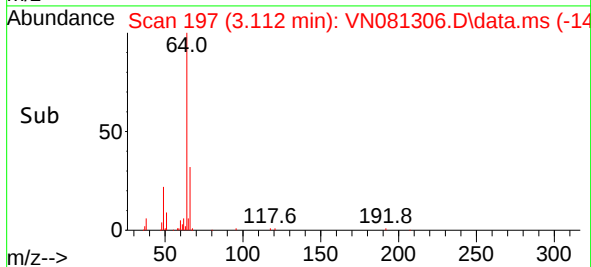
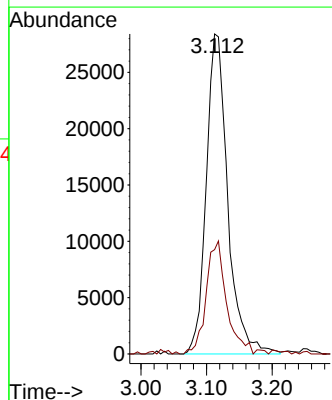
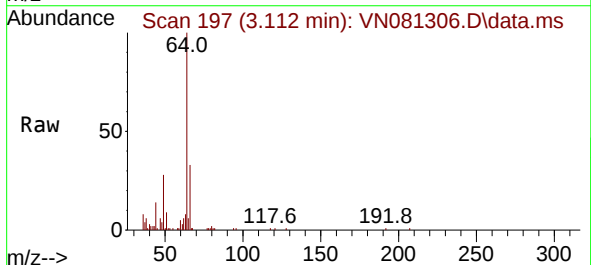
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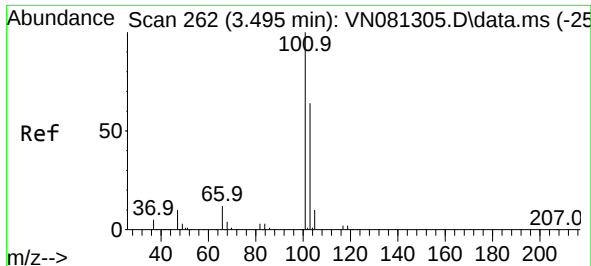
Reviewed By :John Carlone 03/06/2024
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#6
Chloroethane
Concen: 18.930 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

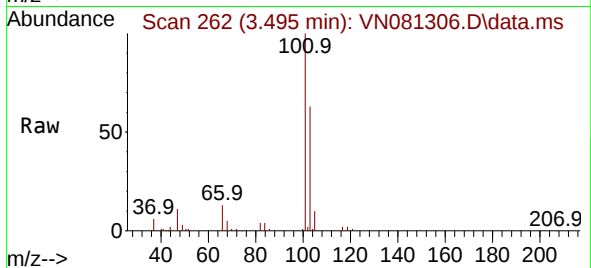
Tgt Ion: 64 Resp: 64649
Ion Ratio Lower Upper
64 100
66 32.6 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 20.057 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081306.D
 Acq: 05 Mar 2024 12:48

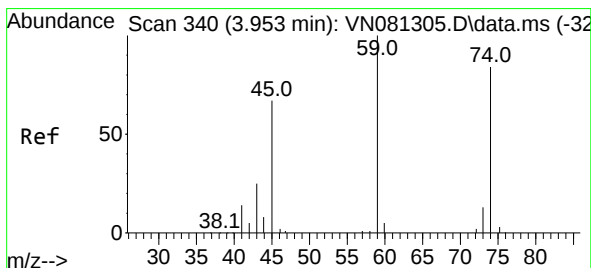
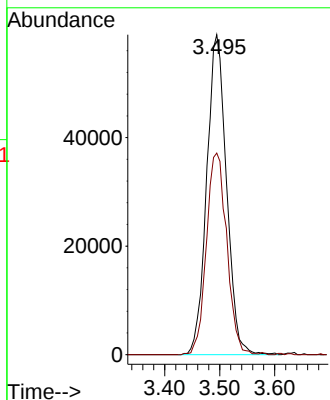
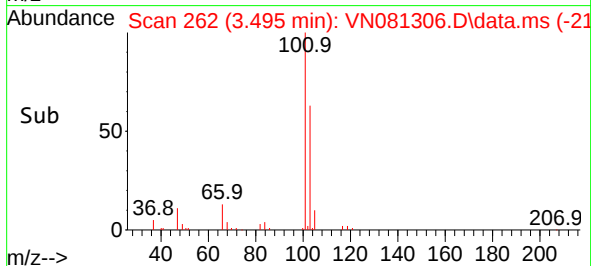
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Tgt Ion:101 Resp: 147528
 Ion Ratio Lower Upper
 101 100
 103 63.0 54.4 81.6

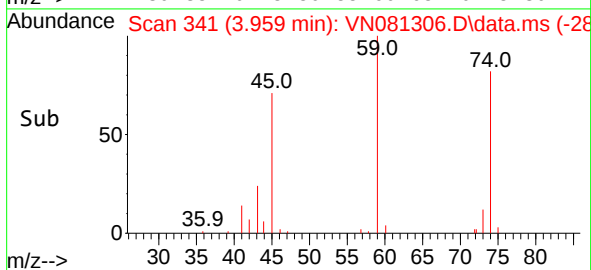
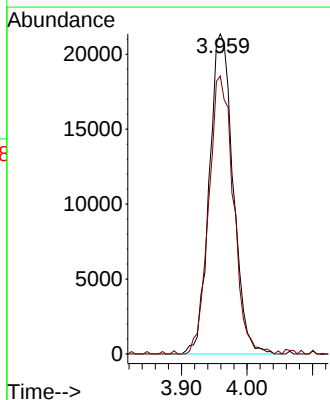
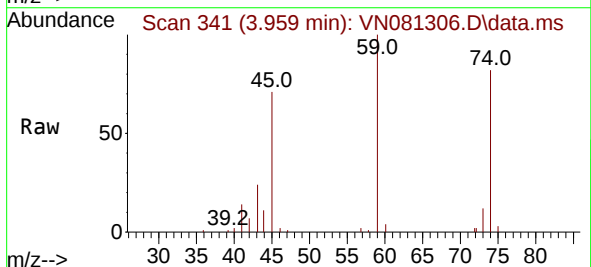
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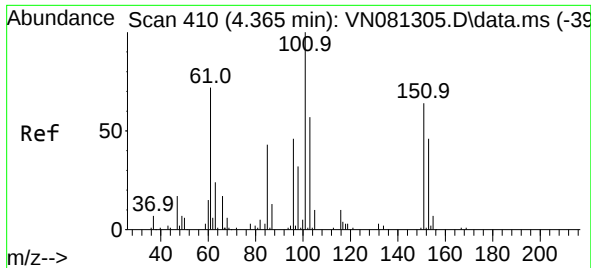
Reviewed By :John Carlone 03/06/2024
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#8
 Diethyl Ether
 Concen: 20.775 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081306.D
 Acq: 05 Mar 2024 12:48

Tgt Ion: 74 Resp: 53838
 Ion Ratio Lower Upper
 74 100
 45 89.9 53.3 159.9





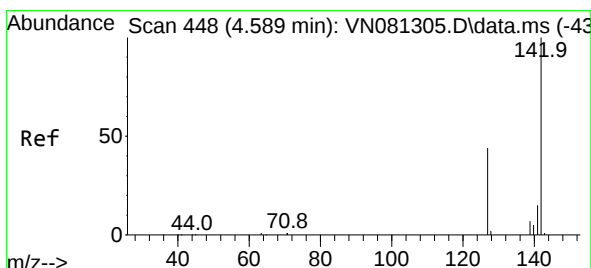
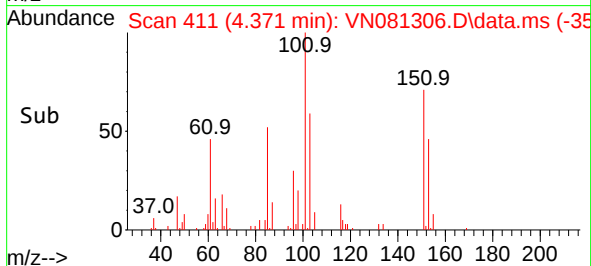
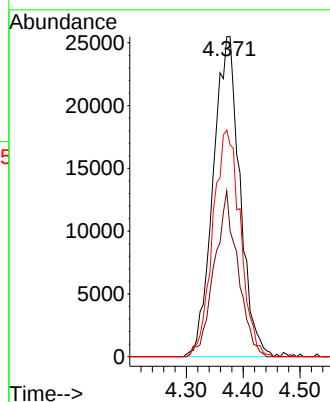
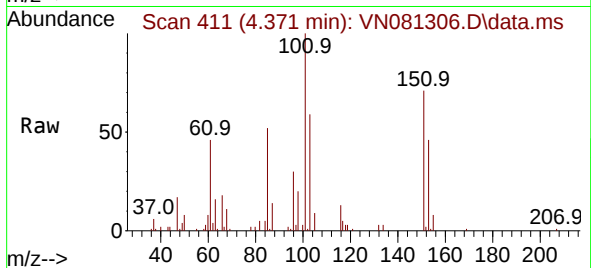
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.856 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 83172
Ion Ratio Lower Upper
101 100
85 45.8 38.1 57.1
151 72.5 49.1 73.7

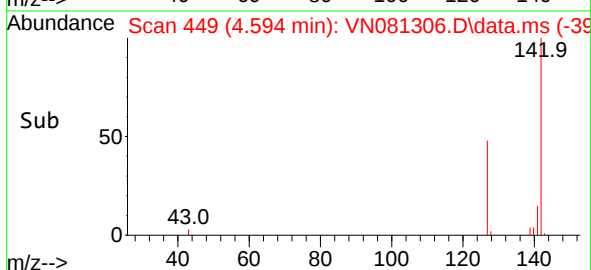
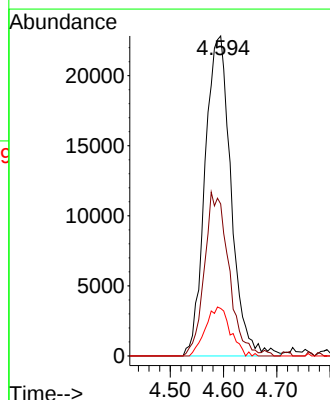
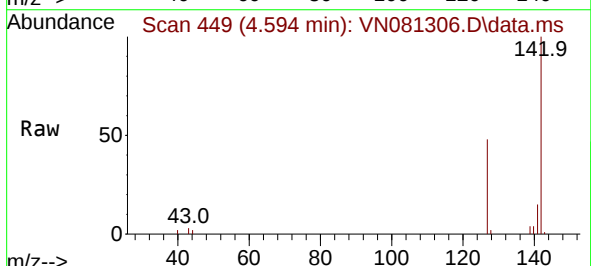
Manual Integrations
APPROVED

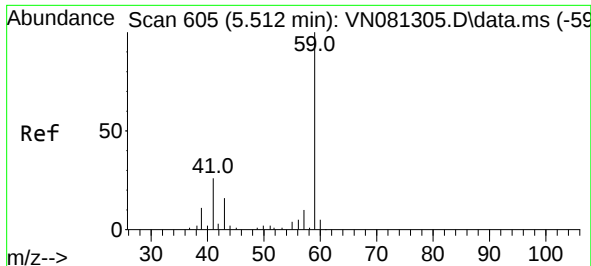
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#10
Methyl Iodide
Concen: 20.182 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion:142 Resp: 77361
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 14.8 12.5 18.7





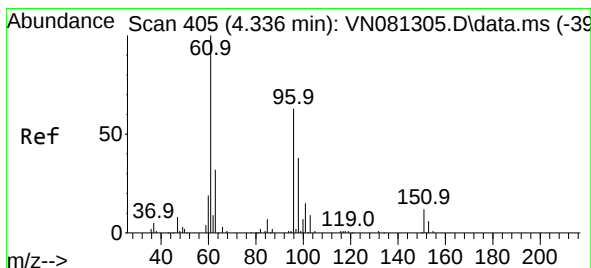
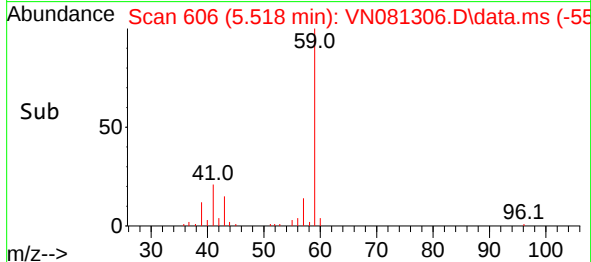
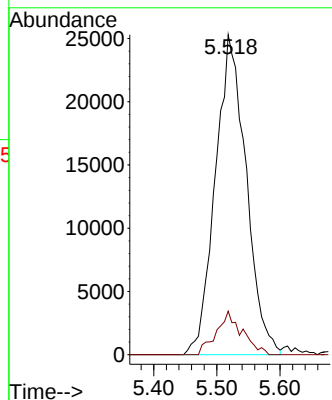
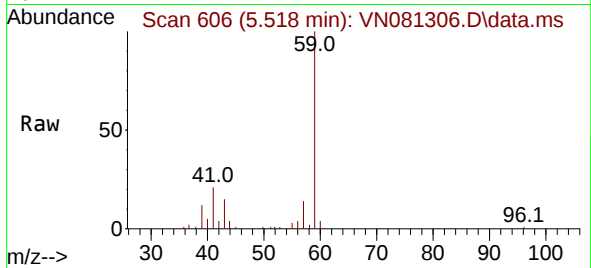
#11
Tert butyl alcohol
Concen: 101.761 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 85638
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

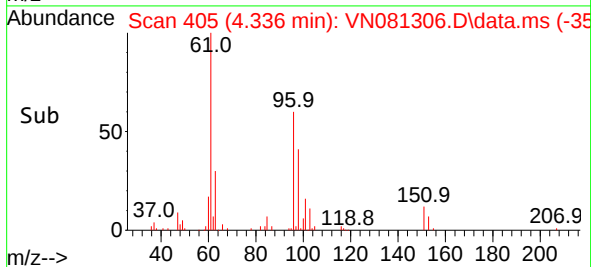
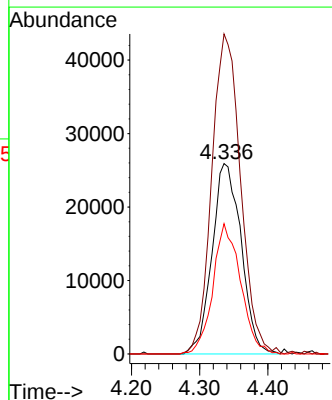
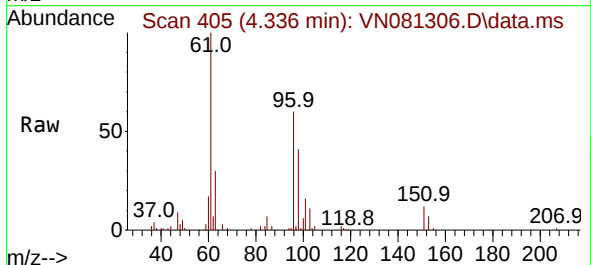
Manual Integrations
APPROVED

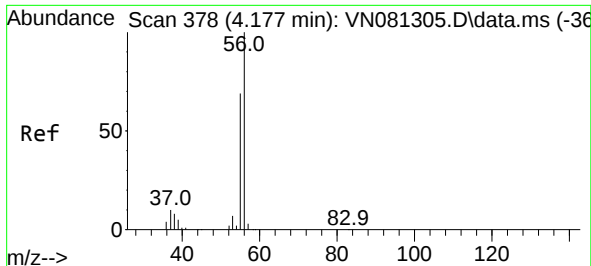
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#12
1,1-Dichloroethene
Concen: 19.829 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion: 96 Resp: 76920
Ion Ratio Lower Upper
96 100
61 168.0 138.2 207.4
98 68.3 49.2 73.8





#13

Acrolein

Concen: 99.299 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 9895

Ion Ratio Lower Upper

56 100

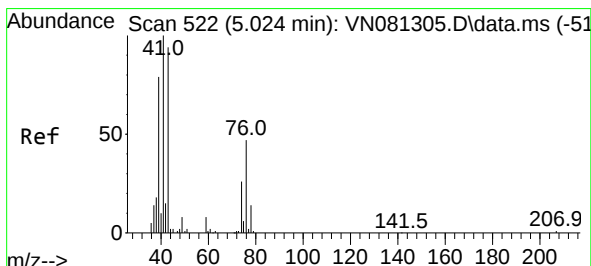
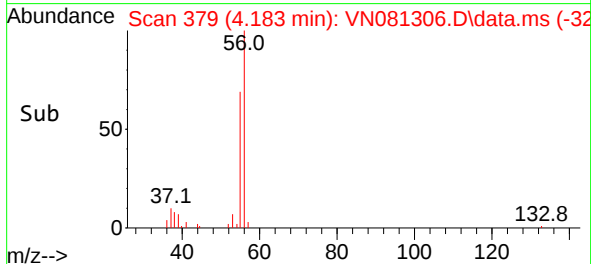
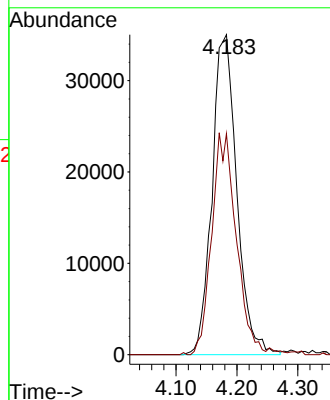
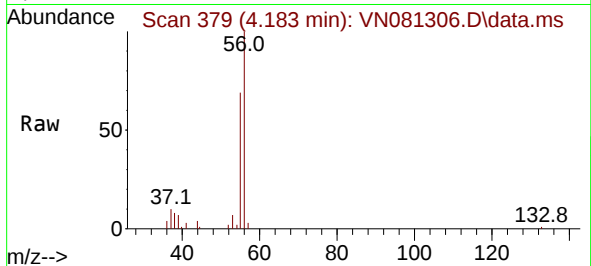
55 68.7 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#14

Allyl chloride

Concen: 20.032 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

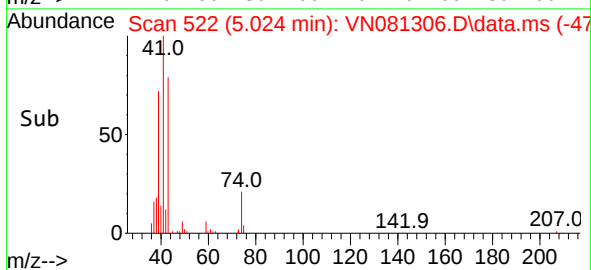
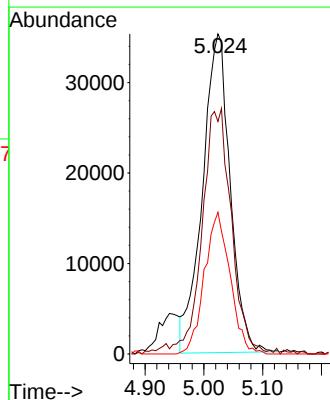
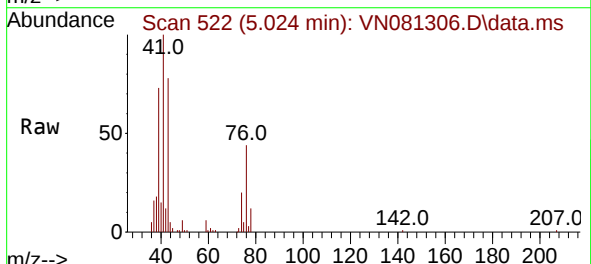
Tgt Ion: 41 Resp: 115321

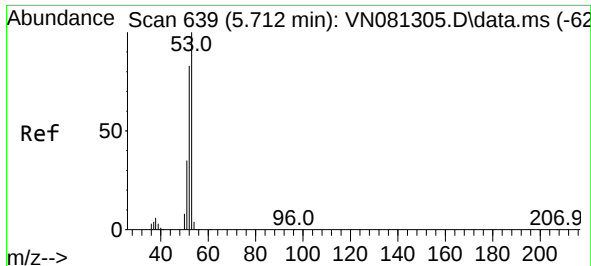
Ion Ratio Lower Upper

41 100

39 78.9 57.7 86.5

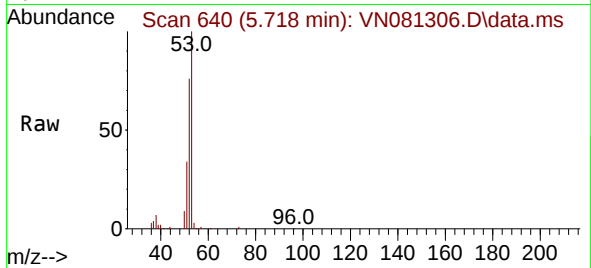
76 41.1 26.8 40.2#





#15
Acrylonitrile
Concen: 103.636 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

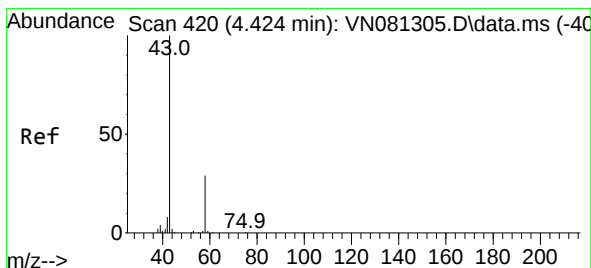
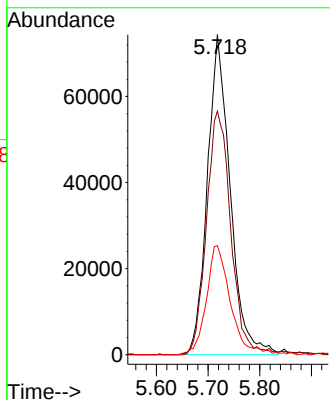
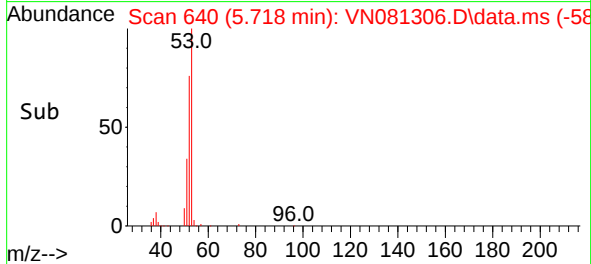
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



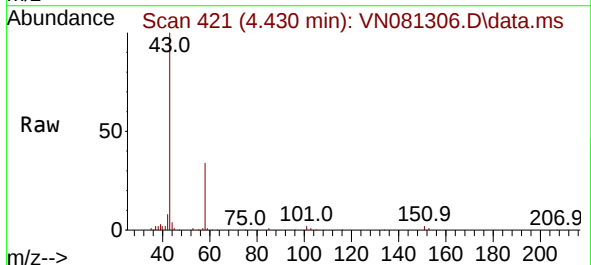
Tgt Ion: 53 Resp: 227840
Ion Ratio Lower Upper
53 100
52 81.0 64.8 97.2
51 35.8 26.9 40.3

Manual Integrations
APPROVED

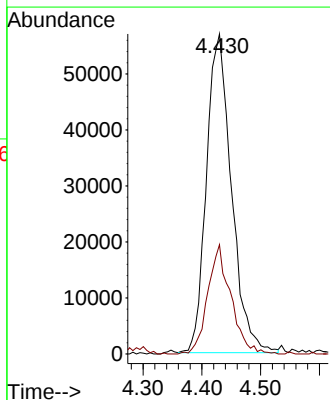
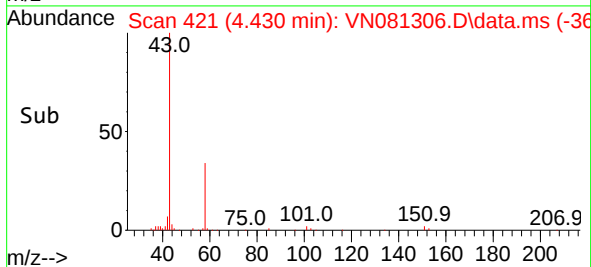
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

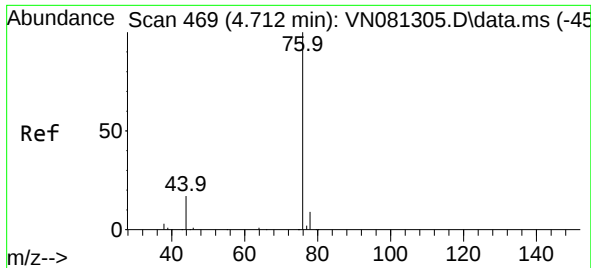


#16
Acetone
Concen: 98.457 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



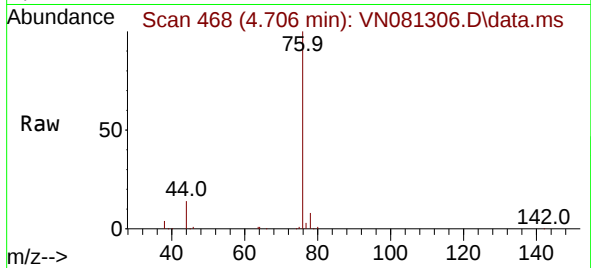
Tgt Ion: 43 Resp: 167890
Ion Ratio Lower Upper
43 100
58 34.3 24.8 37.2





#17
Carbon Disulfide
Concen: 19.690 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

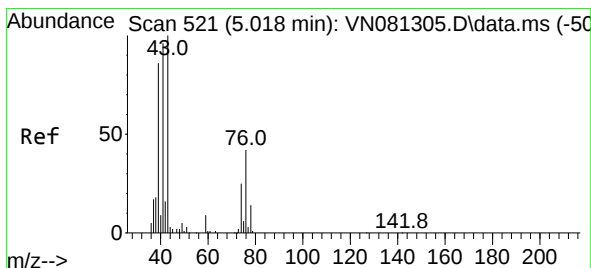
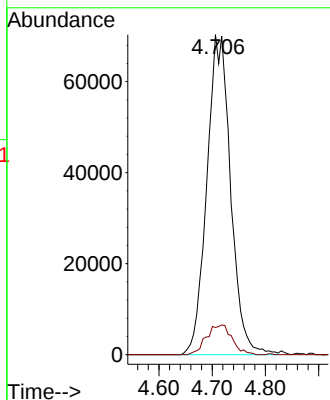
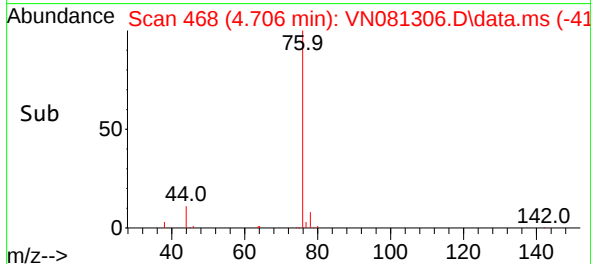
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 21799
Ion Ratio Lower Upper
76 100
78 8.5 6.3 9.5

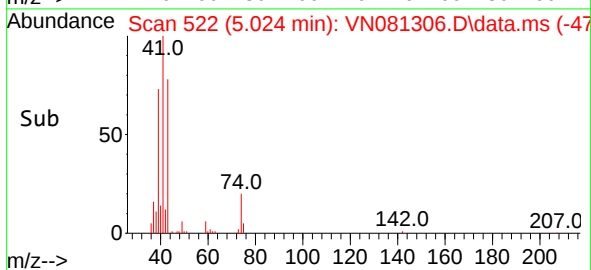
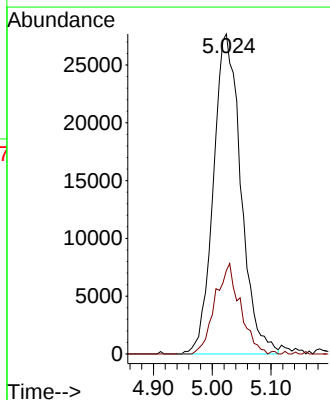
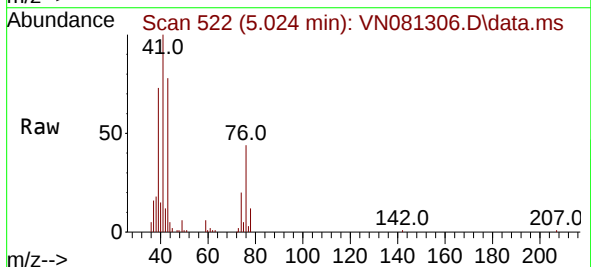
Manual Integrations
APPROVED

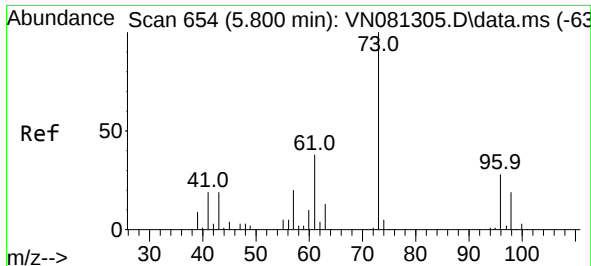
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#18
Methyl Acetate
Concen: 18.452 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion: 43 Resp: 90086
Ion Ratio Lower Upper
43 100
74 25.8 17.3 25.9





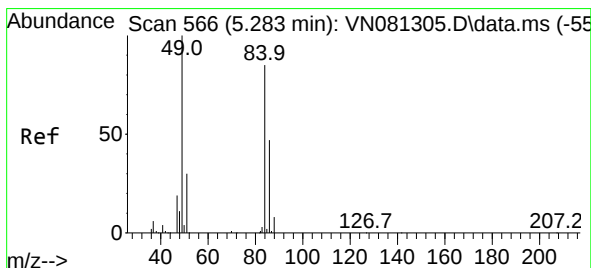
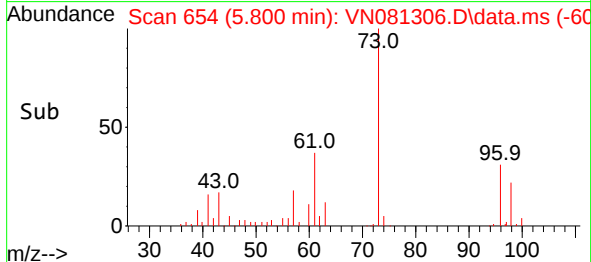
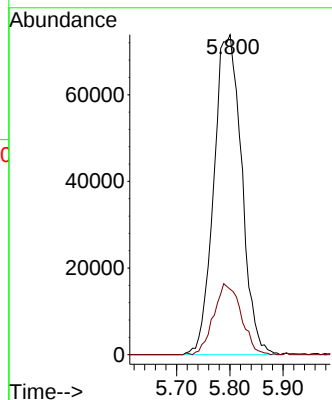
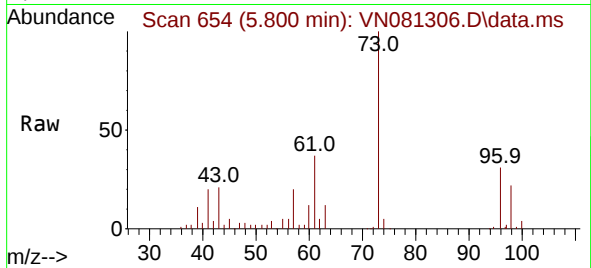
#19
Methyl tert-butyl Ether
Concen: 20.333 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 26750
Ion Ratio Lower Upper
73 100
57 20.4 18.2 27.4

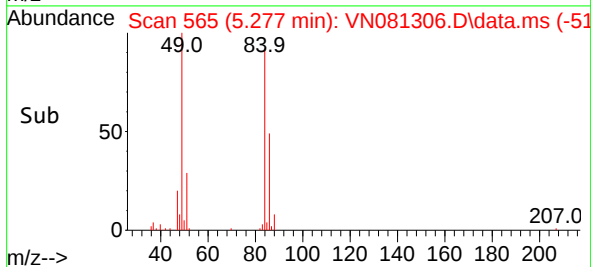
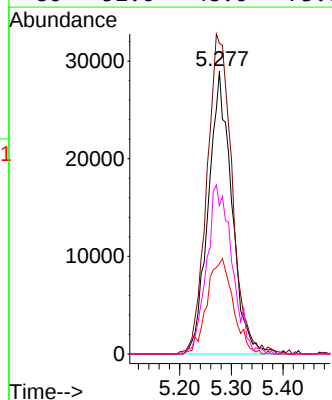
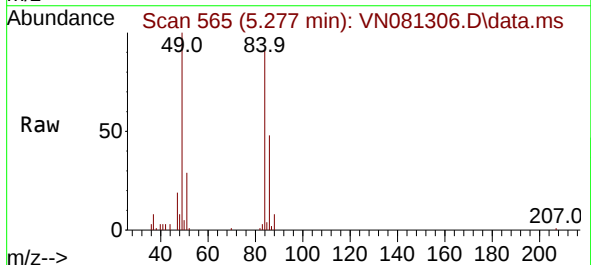
Manual Integrations
APPROVED

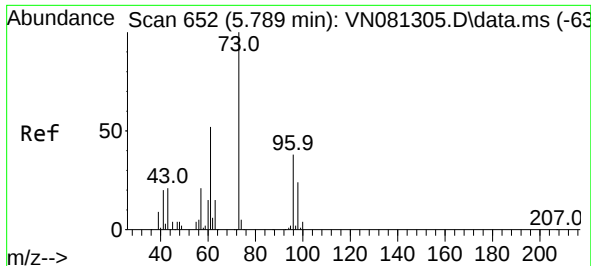
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#20
Methylene Chloride
Concen: 21.133 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion: 84 Resp: 91015
Ion Ratio Lower Upper
84 100
49 109.3 108.1 162.1
51 31.9 32.9 49.3#
86 52.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.660 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

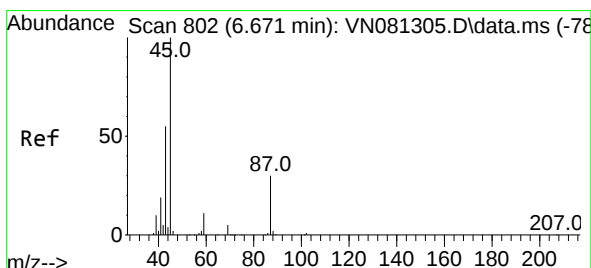
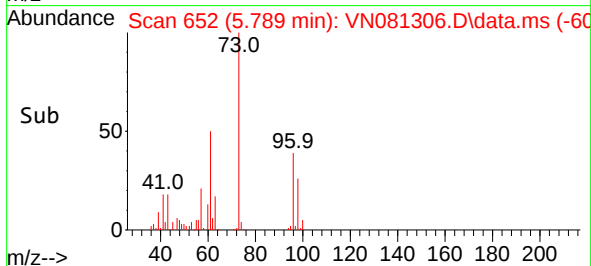
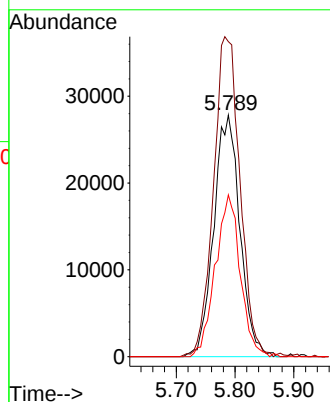
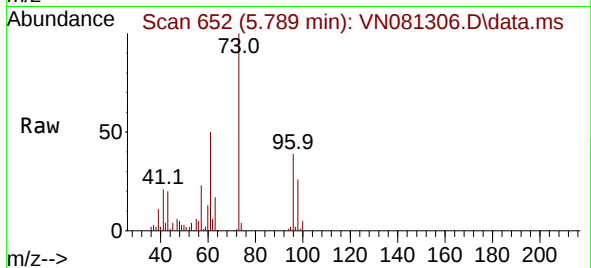
Tgt Ion: 96 Resp: 8598
Ion Ratio Lower Upper
96 100
61 130.4 112.8 169.2
98 67.0 51.0 76.4

Manual Integrations

APPROVED

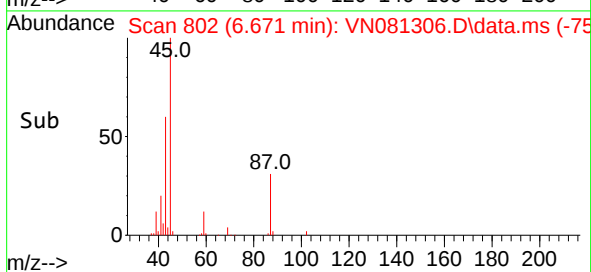
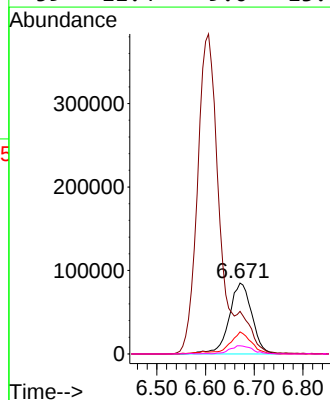
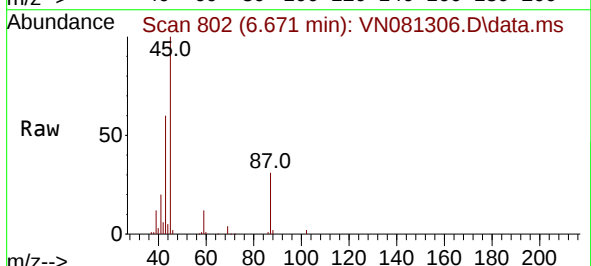
Reviewed By :John Carlone 03/06/2024

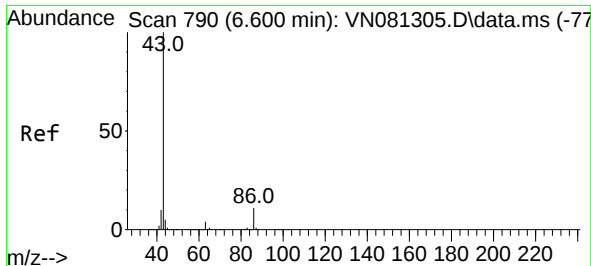
Supervised By :Mahesh Dadoda 03/06/2024



#22
Diisopropyl ether
Concen: 21.512 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

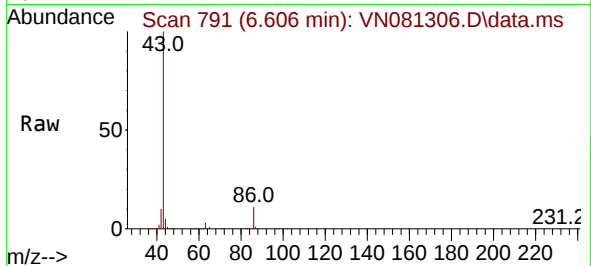
Tgt Ion: 45 Resp: 275069
Ion Ratio Lower Upper
45 100
43 58.3 41.8 62.8
87 31.1 18.1 27.1#
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 108.850 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081306.D
 Acq: 05 Mar 2024 12:48

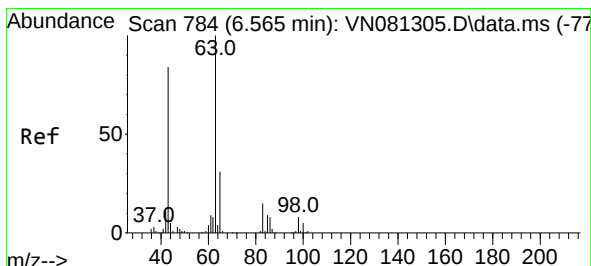
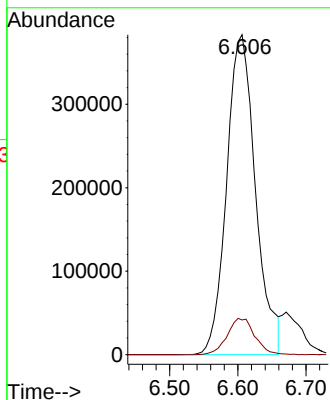
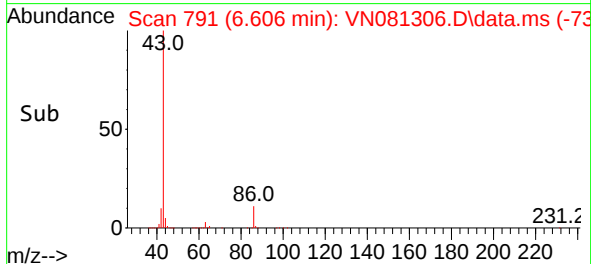
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 113069
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

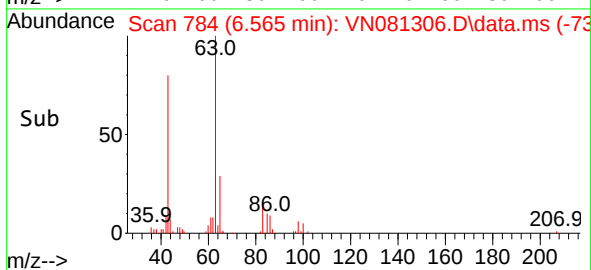
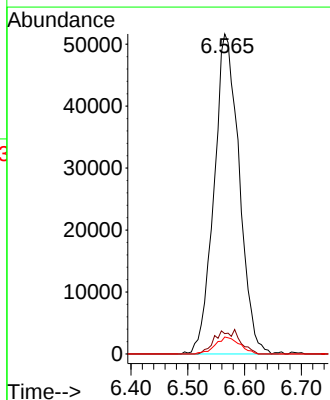
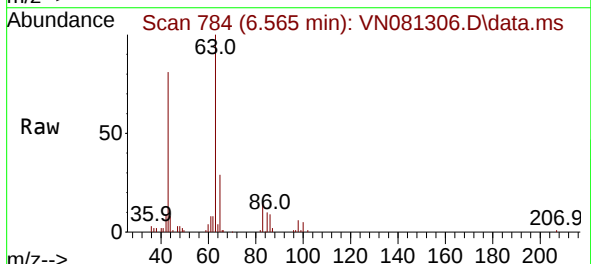
Manual Integrations
 APPROVED

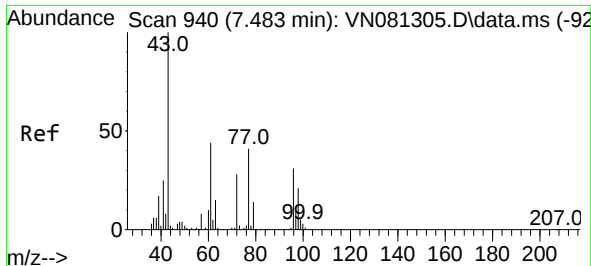
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#24
 1,1-Dichloroethane
 Concen: 20.306 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081306.D
 Acq: 05 Mar 2024 12:48

Tgt Ion: 63 Resp: 158935
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.6
 100 5.3 1.9 5.7





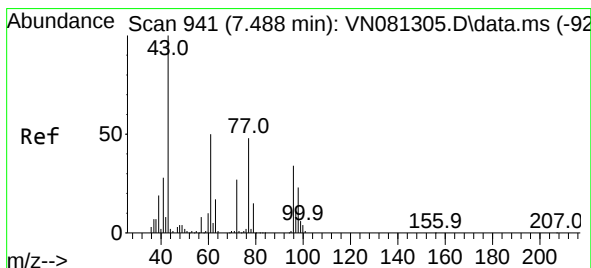
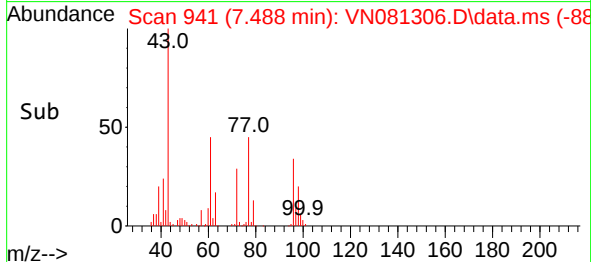
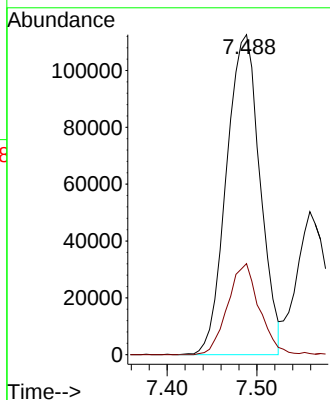
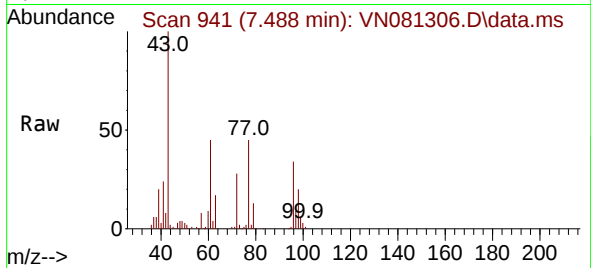
#25
2-Butanone
Concen: 102.420 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020

Tgt Ion: 43 Resp: 292480
Ion Ratio Lower Upper
43 100
72 28.5 19.5 29.3

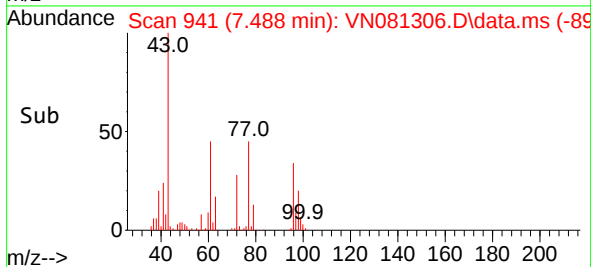
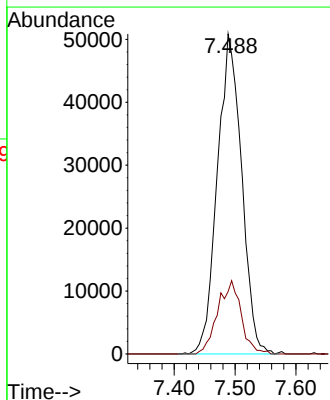
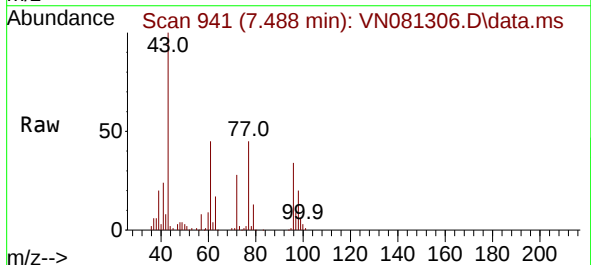
Manual Integrations
APPROVED

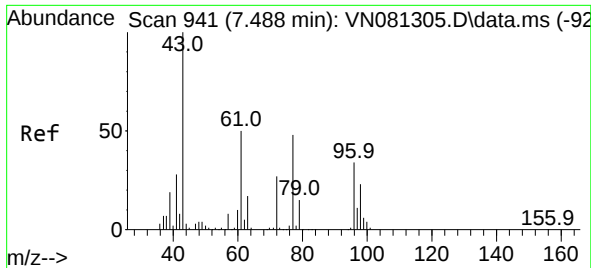
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#26
2,2-Dichloropropane
Concen: 20.311 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

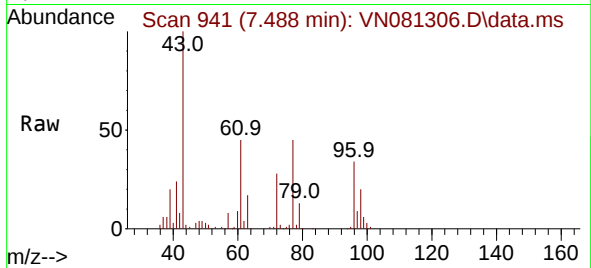
Tgt Ion: 77 Resp: 140507
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.759 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081306.D
 Acq: 05 Mar 2024 12:48

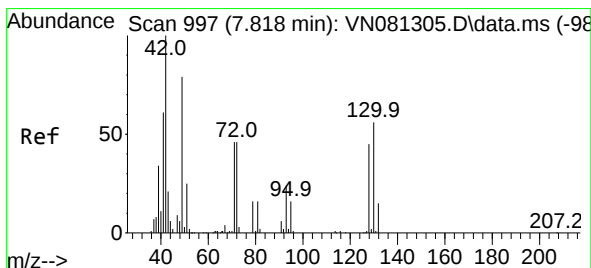
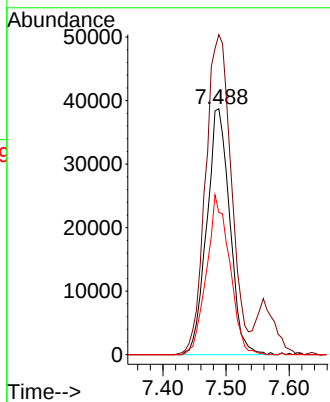
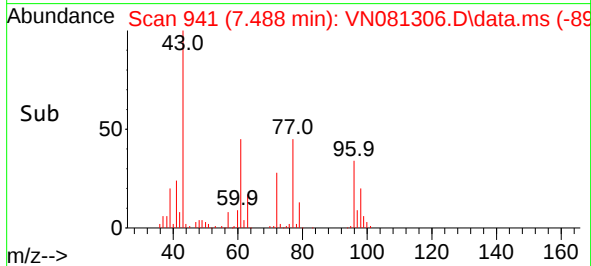
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 9797
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 325.4
 98 65.1 0.0 130.4

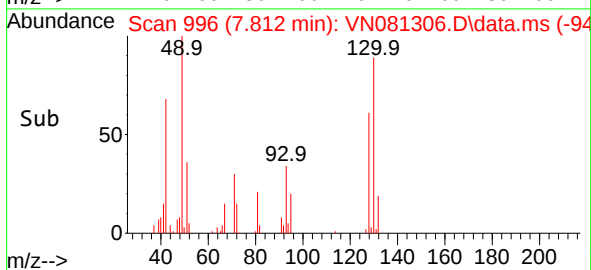
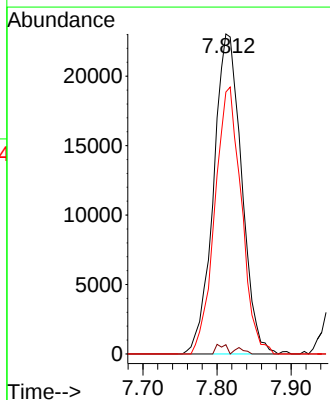
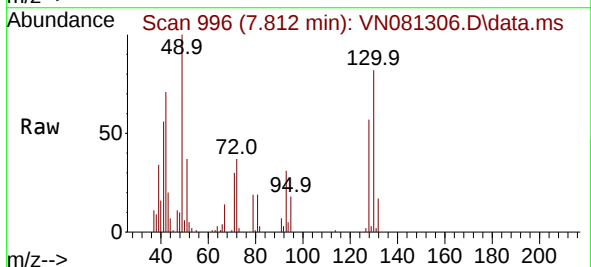
Manual Integrations
 APPROVED

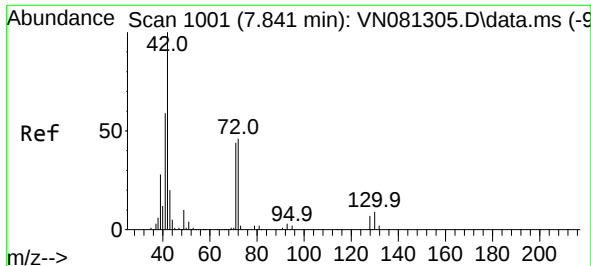
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#28
 Bromochloromethane
 Concen: 18.100 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081306.D
 Acq: 05 Mar 2024 12:48

Tgt Ion: 49 Resp: 60619
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 1.6
 130 79.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 102.490 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

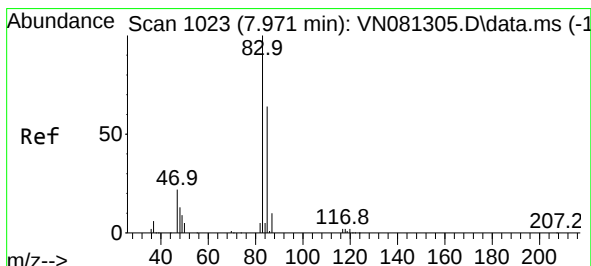
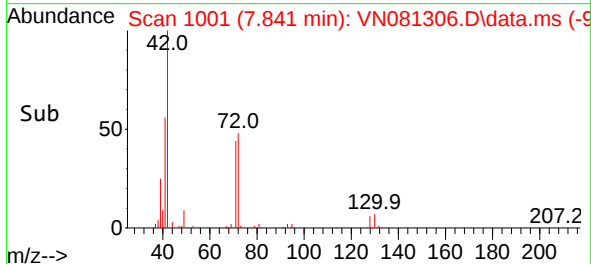
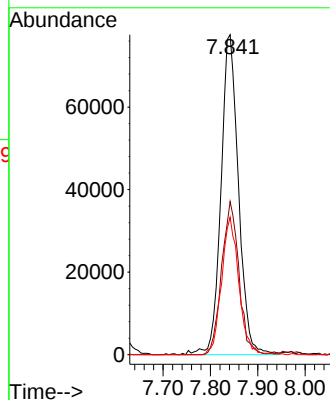
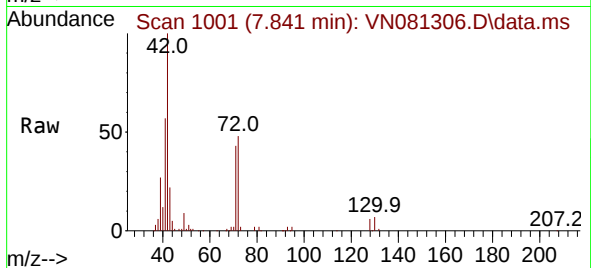
Tgt Ion:	42	Resp:	199578
Ion	Ratio	Lower	Upper
42	100		
72	46.8	31.1	46.7
71	42.3	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#30

Chloroform

Concen: 20.589 ug/l

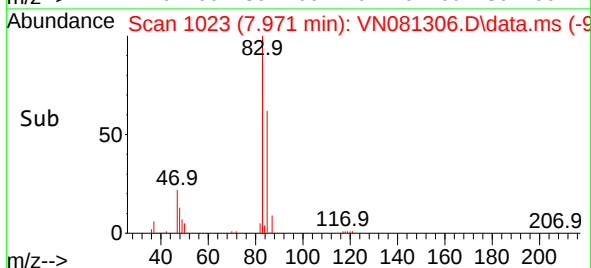
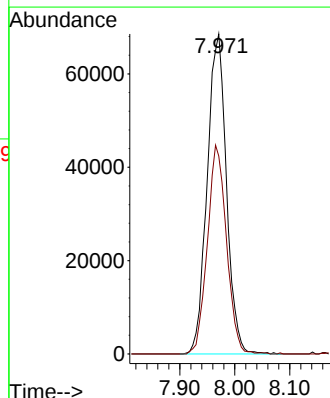
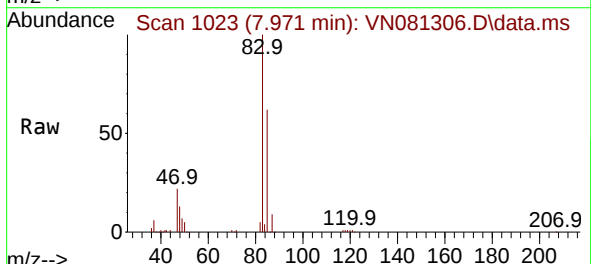
RT: 7.971 min Scan# 1023

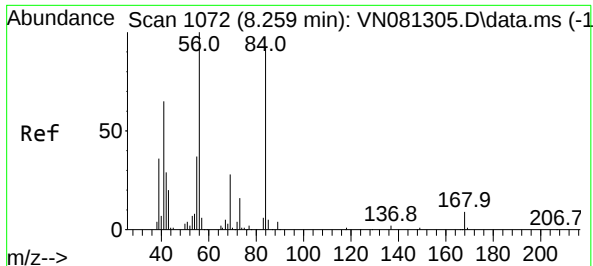
Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

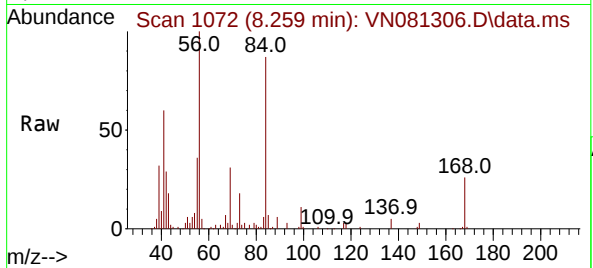
Tgt Ion:	83	Resp:	167237
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.0	76.6





#31
Cyclohexane
Concen: 19.989 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

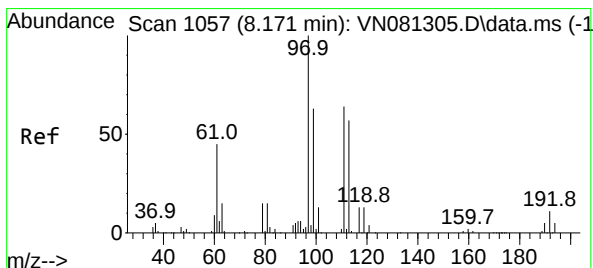
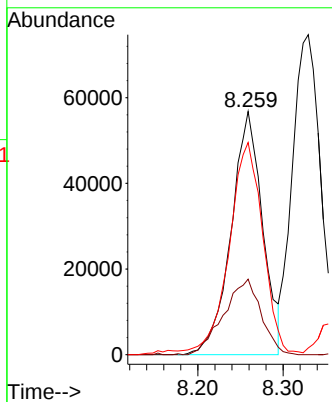
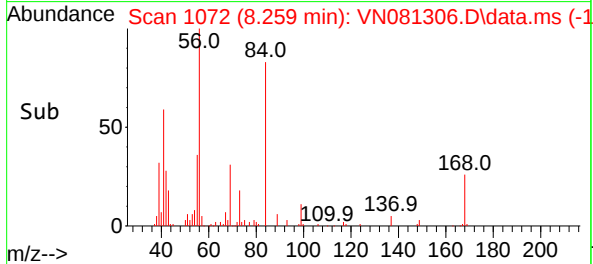
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 14565
Ion Ratio Lower Upper
56 100
69 30.7 20.1 30.1
84 85.7 56.9 85.3

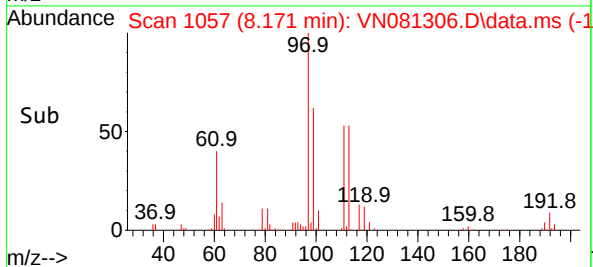
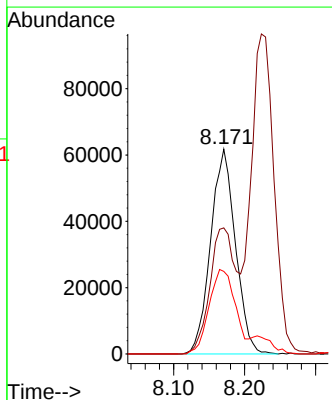
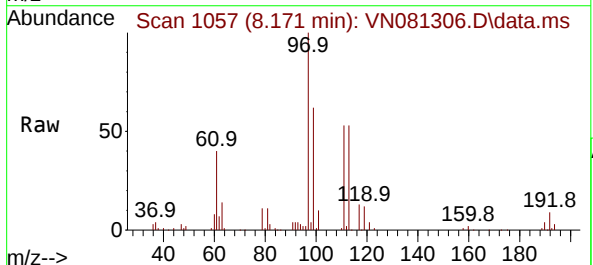
Manual Integrations
APPROVED

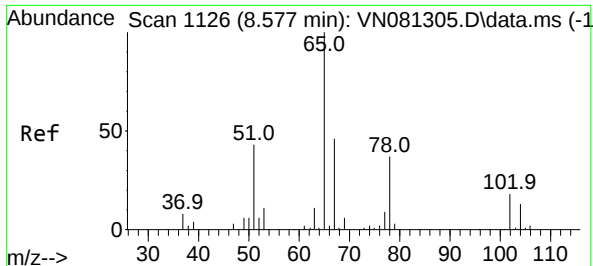
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#32
1,1,1-Trichloroethane
Concen: 20.851 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion: 97 Resp: 149705
Ion Ratio Lower Upper
97 100
99 65.6 53.4 80.0
61 44.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 20.306 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 9773

Ion Ratio Lower Upper

65 100

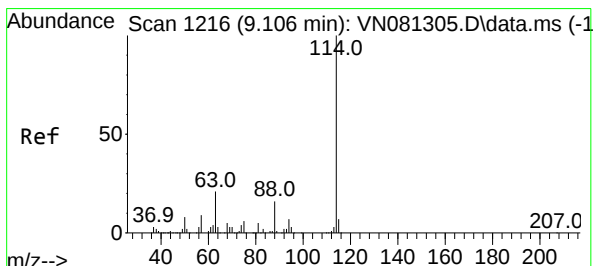
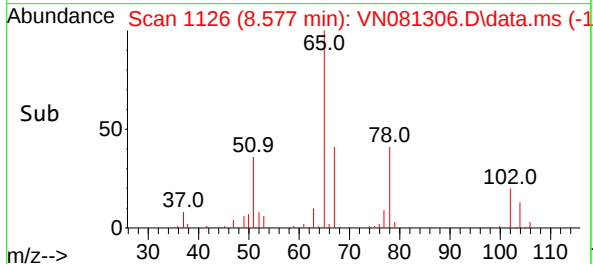
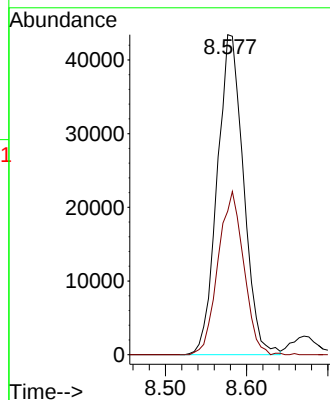
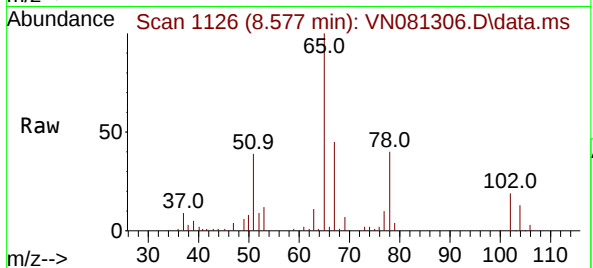
67 49.8 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

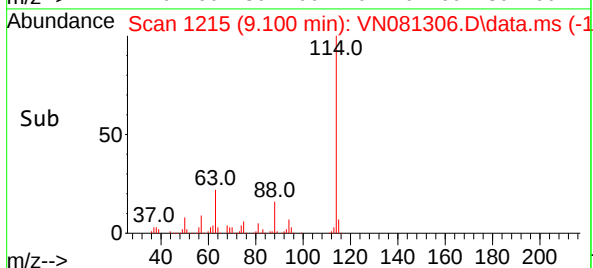
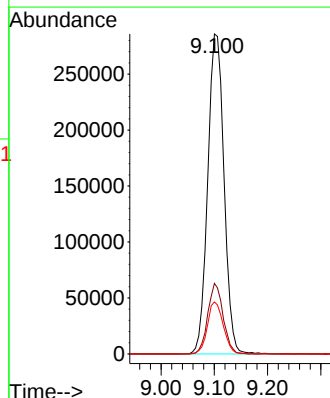
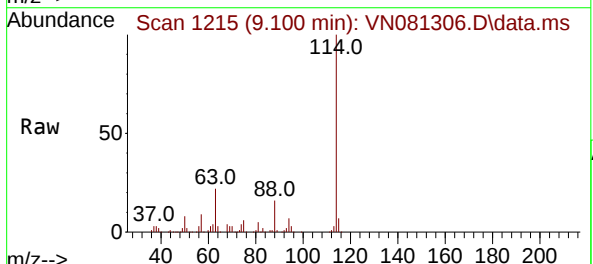
Tgt Ion:114 Resp: 606156

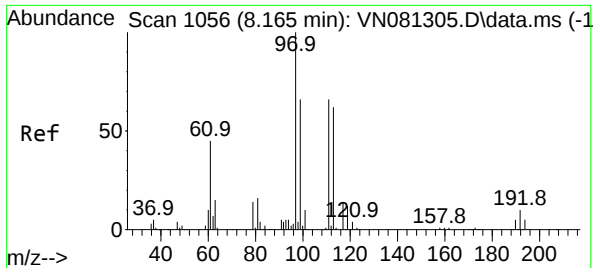
Ion Ratio Lower Upper

114 100

63 22.0 0.0 48.0

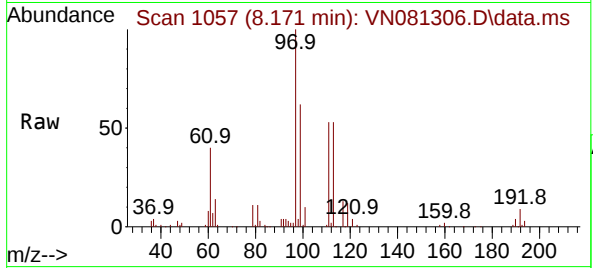
88 16.3 0.0 34.8





#35
Dibromofluoromethane
Concen: 20.145 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

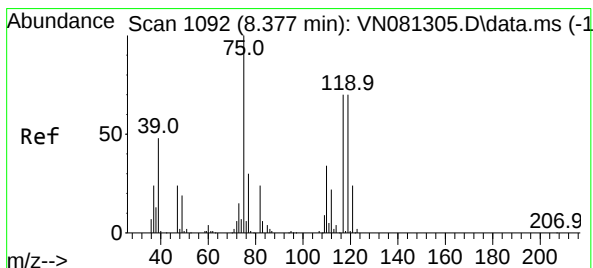
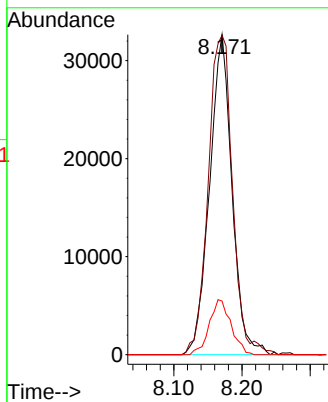
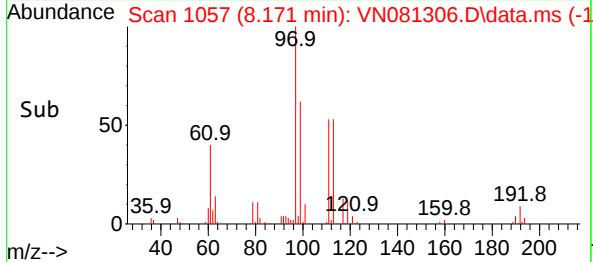
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 7481
Ion Ratio Lower Upper
113 100
111 108.1 82.2 123.4
192 16.6 12.5 18.7

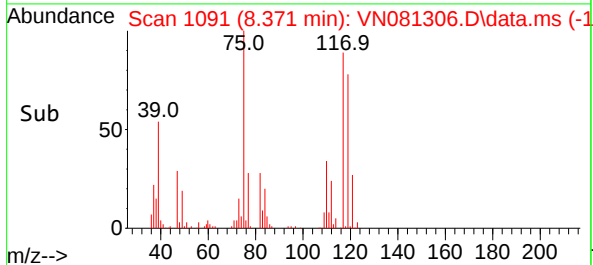
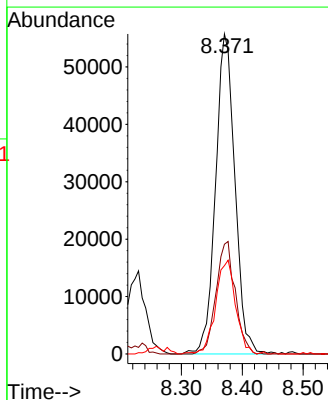
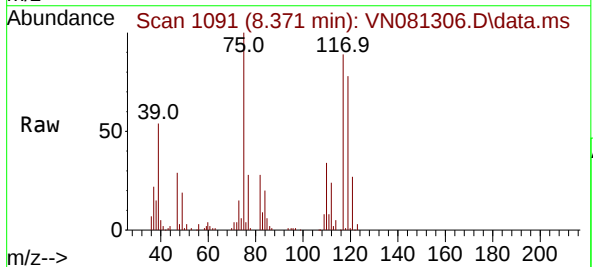
Manual Integrations
APPROVED

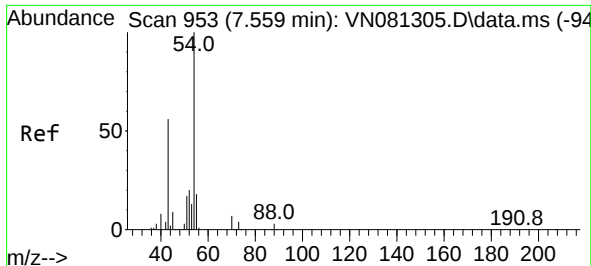
Reviewed By : John Carlone 03/06/2024
Supervised By : Mahesh Dadoda 03/06/2024



#36
1,1-Dichloropropene
Concen: 20.575 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

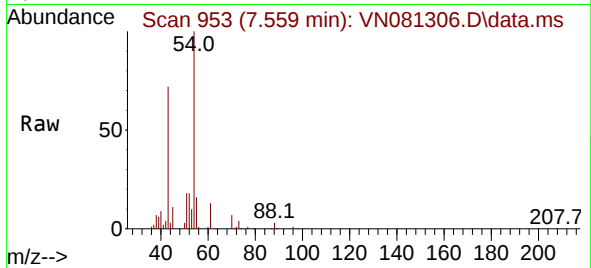
Tgt Ion: 75 Resp: 123271
Ion Ratio Lower Upper
75 100
110 34.9 16.0 48.0
77 30.3 25.8 38.6





#37
Ethyl Acetate
Concen: 20.834 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

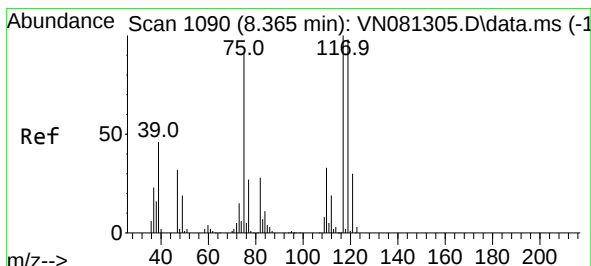
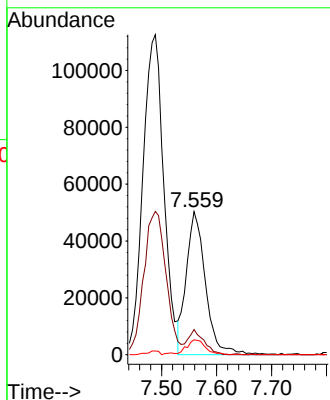
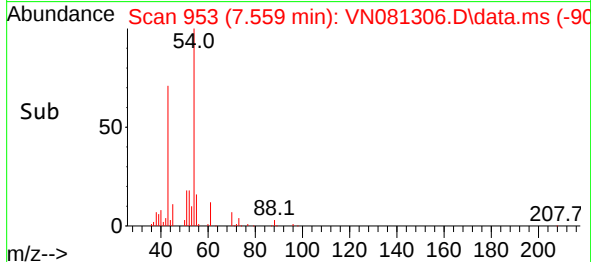
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 122019
Ion Ratio Lower Upper
43 100
61 15.0 10.6 15.8
70 10.0 8.0 12.0

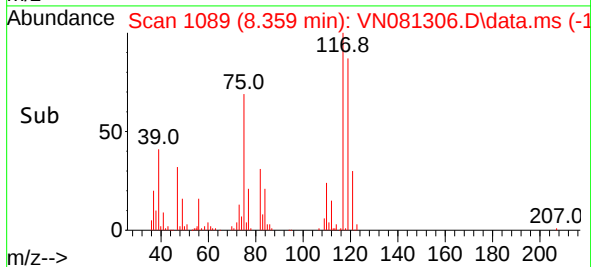
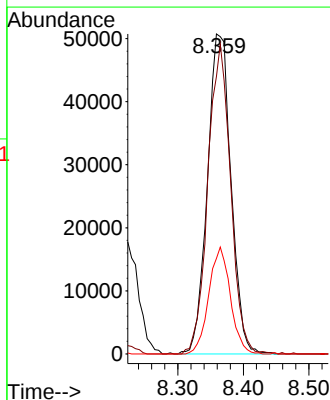
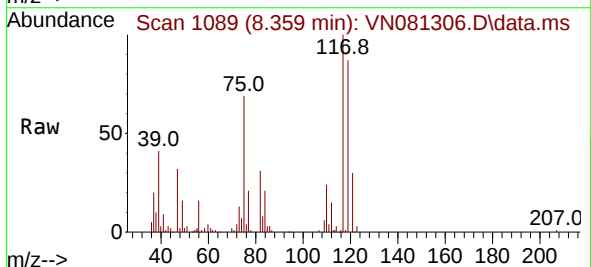
Manual Integrations
APPROVED

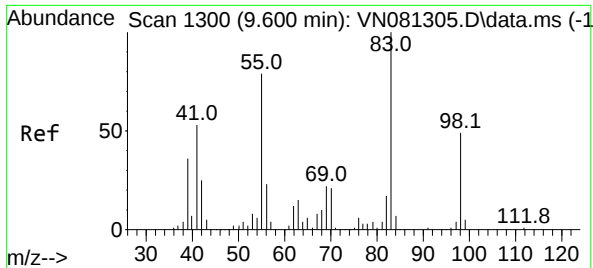
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#38
Carbon Tetrachloride
Concen: 21.084 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion:117 Resp: 127137
Ion Ratio Lower Upper
117 100
119 86.7 73.4 110.2
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 20.332 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 14019

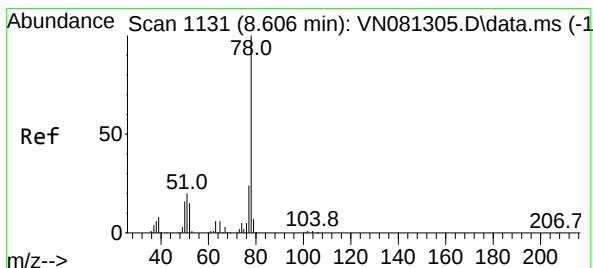
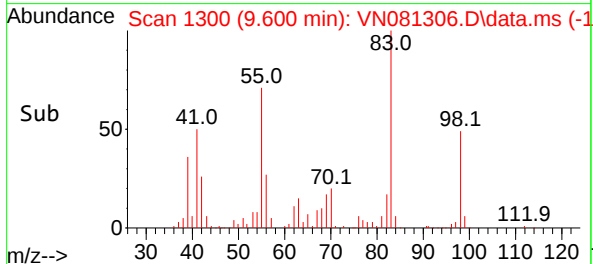
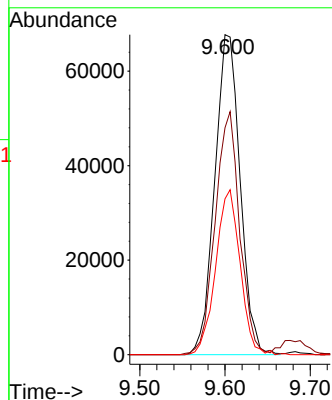
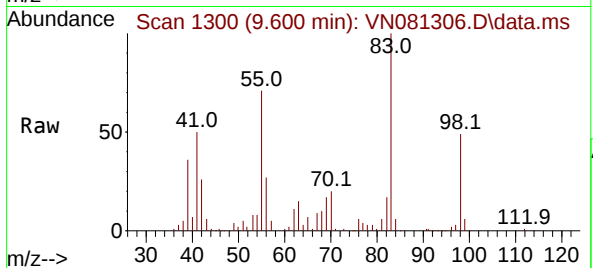
Ion	Ratio	Lower	Upper
83	100		
55	70.9	65.7	98.5
98	48.7	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#40

Benzene

Concen: 20.376 ug/l

RT: 8.606 min Scan# 1131

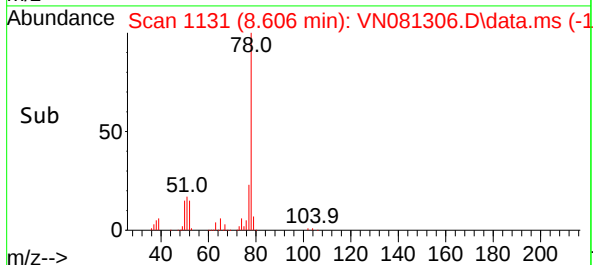
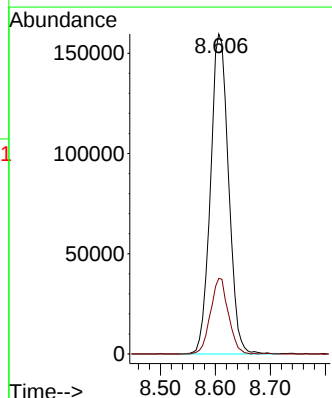
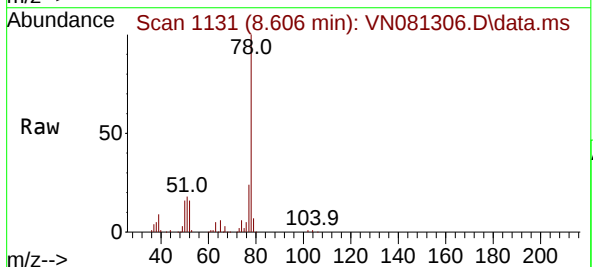
Delta R.T. -0.000 min

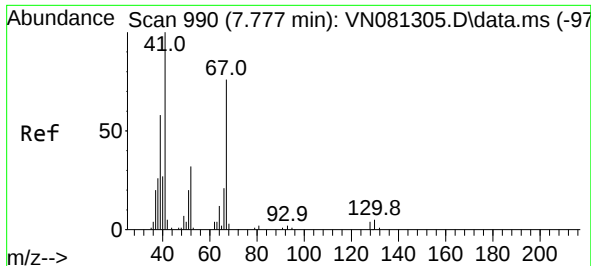
Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Tgt Ion: 78 Resp: 364394

Ion	Ratio	Lower	Upper
78	100		
77	23.6	20.4	30.6





#41
Methacrylonitrile
Concen: 19.347 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

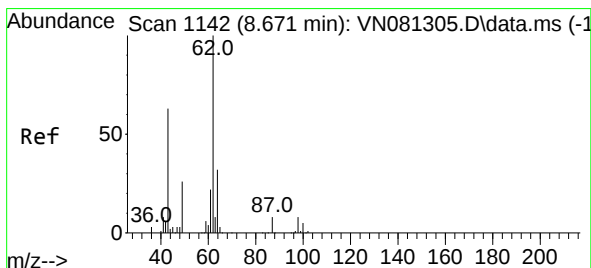
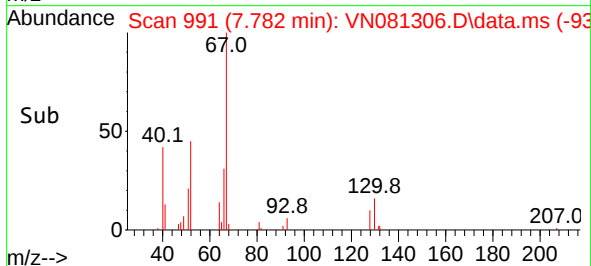
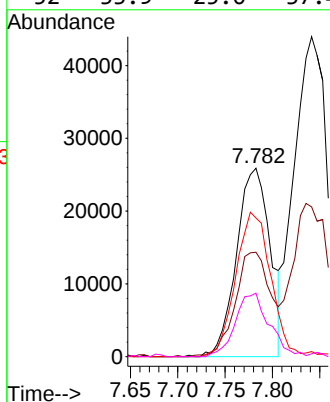
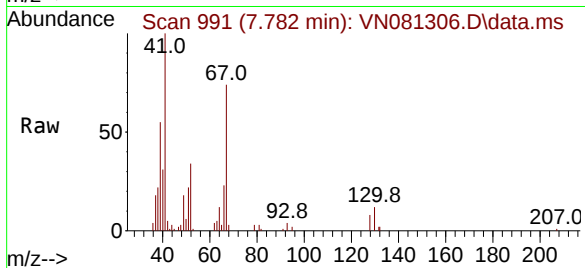
Tgt Ion: 41 Resp: 63989
Ion Ratio Lower Upper
41 100
39 58.1 48.4 72.6
67 79.7 56.8 85.2
52 33.9 25.0 37.4

Manual Integrations

APPROVED

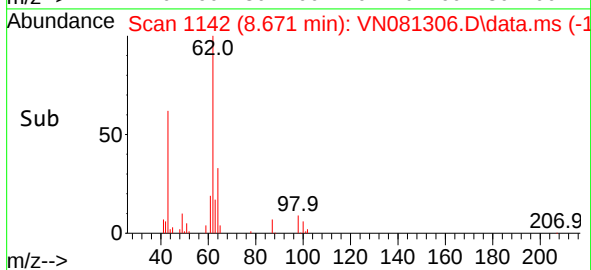
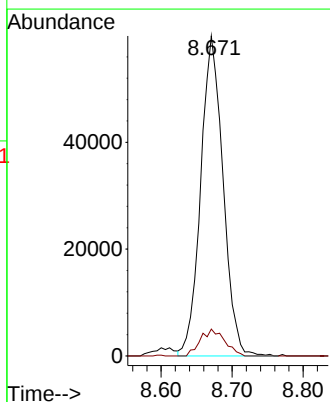
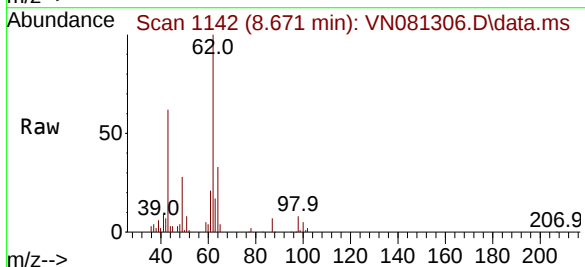
Reviewed By :John Carlone 03/06/2024

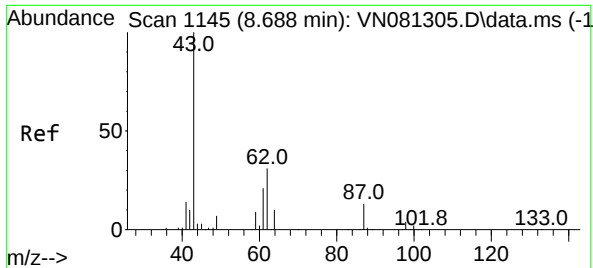
Supervised By :Mahesh Dadoda 03/06/2024



#42
1,2-Dichloroethane
Concen: 20.833 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

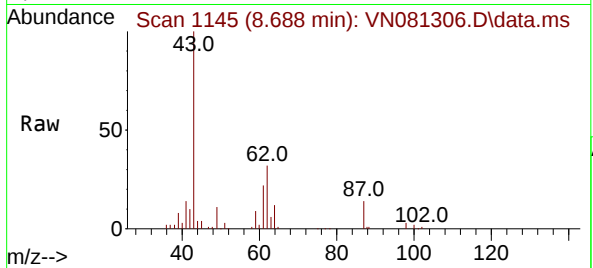
Tgt Ion: 62 Resp: 131358
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0





#43
Isopropyl Acetate
Concen: 19.954 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

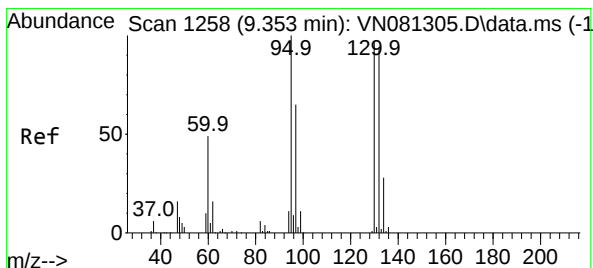
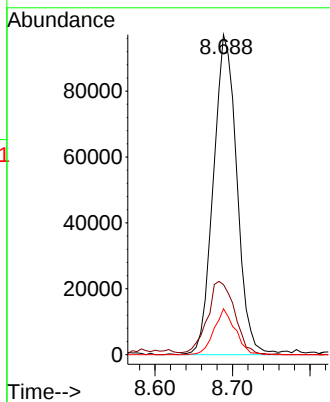
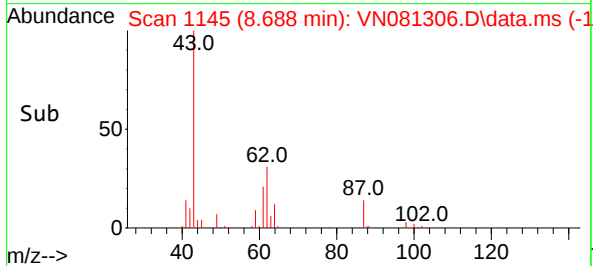
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 204552
Ion Ratio Lower Upper
43 100
61 26.9 19.9 29.9
87 12.9 9.0 13.6

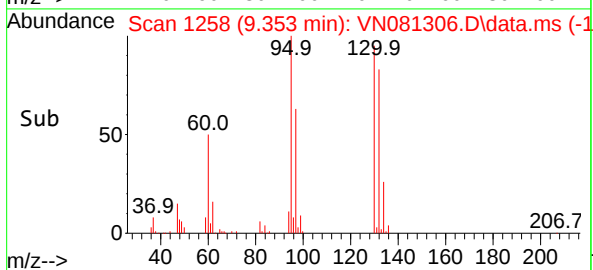
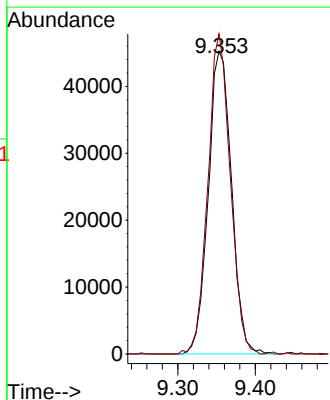
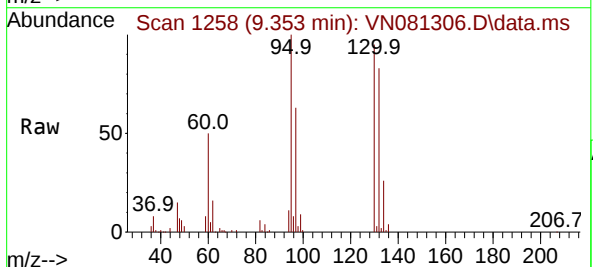
Manual Integrations
APPROVED

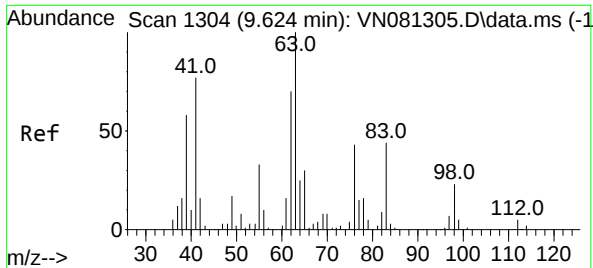
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#44
Trichloroethene
Concen: 20.911 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion:130 Resp: 94315
Ion Ratio Lower Upper
130 100
95 105.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.972 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 94215

Ion Ratio Lower Upper

63 100

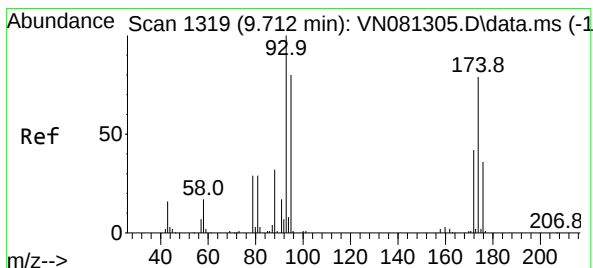
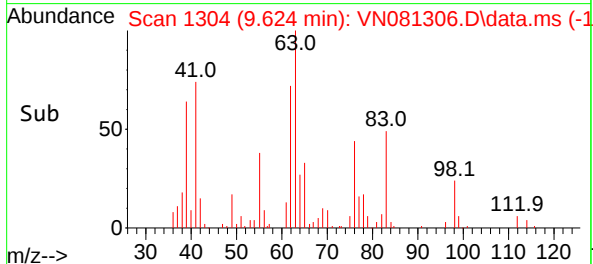
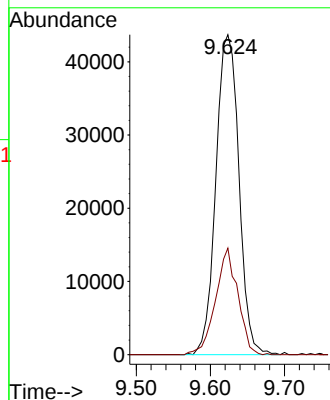
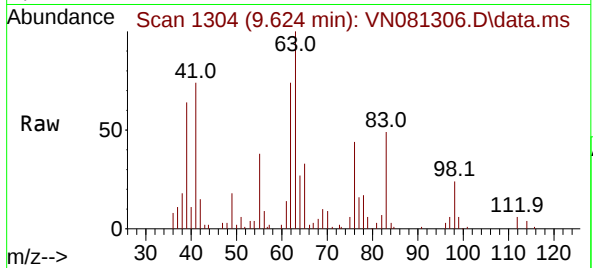
65 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#46

Dibromomethane

Concen: 20.911 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

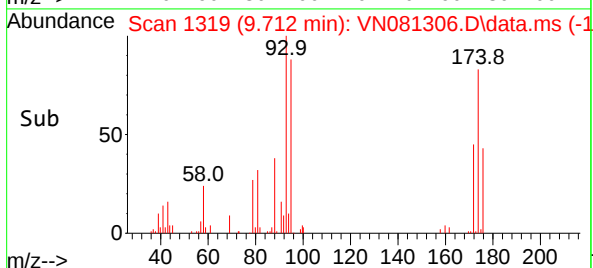
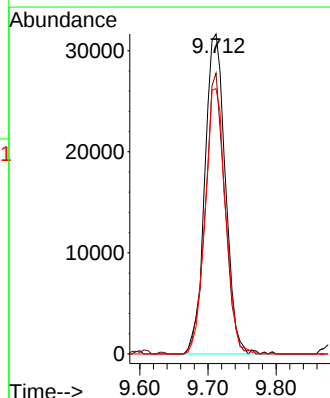
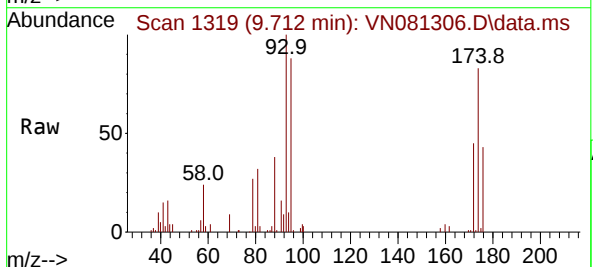
Tgt Ion: 93 Resp: 66215

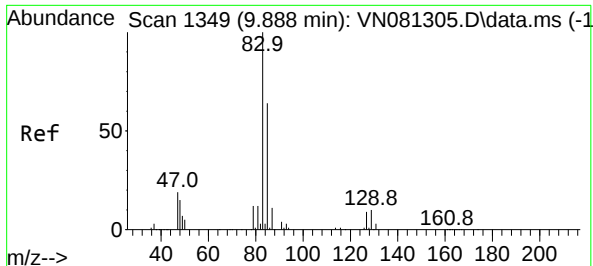
Ion Ratio Lower Upper

93 100

95 83.3 68.1 102.1

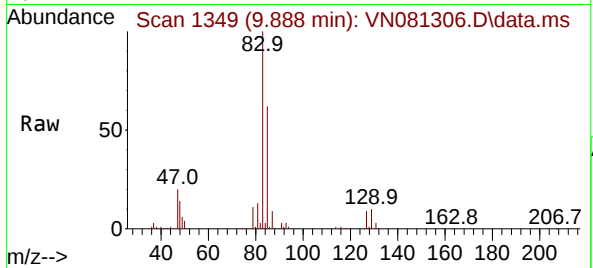
174 82.5 57.2 85.8





#47
Bromodichloromethane
Concen: 20.887 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

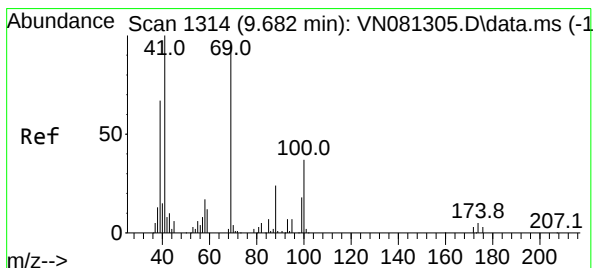
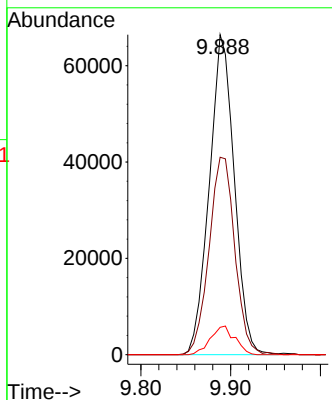
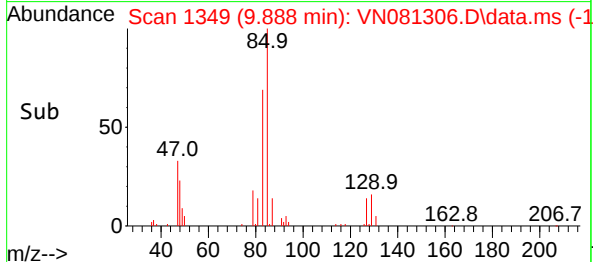
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



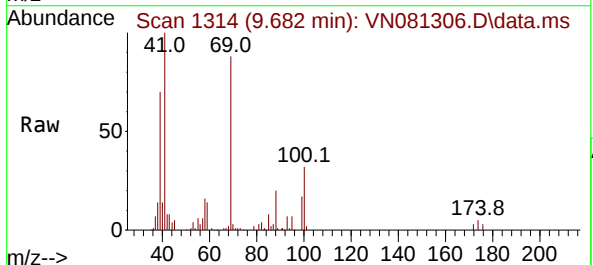
Tgt Ion: 83 Resp: 128398
Ion Ratio Lower Upper
83 100
85 61.7 52.3 78.5
127 8.6 4.6 7.0

Manual Integrations
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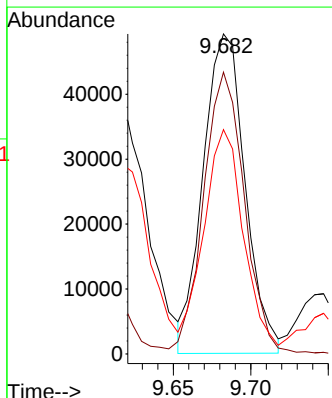
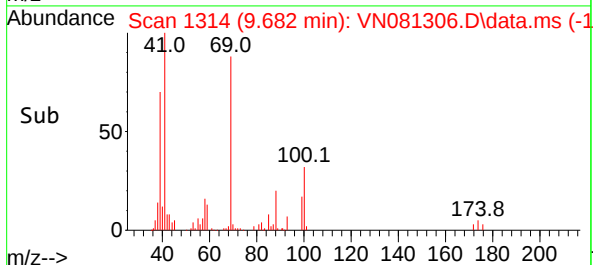
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

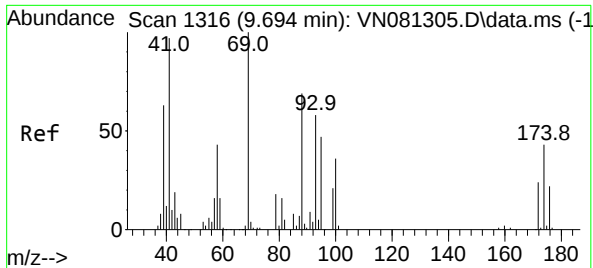


#48
Methyl methacrylate
Concen: 20.420 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



Tgt Ion: 41 Resp: 92529
Ion Ratio Lower Upper
41 100
69 86.1 62.2 93.2
39 67.3 47.6 71.4





#49

1,4-Dioxane

Concen: 401.734 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 4012

Ion Ratio Lower Upper

88 100

43 33.3 30.1 45.1

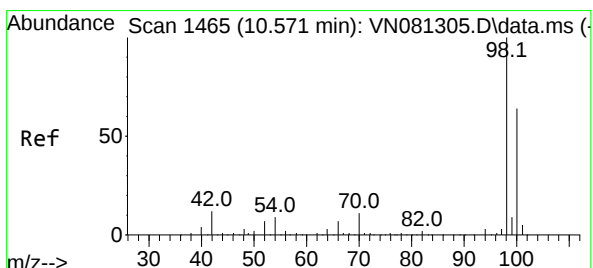
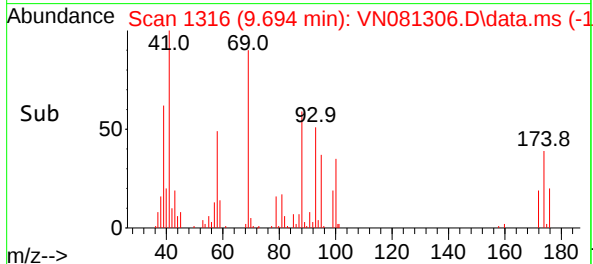
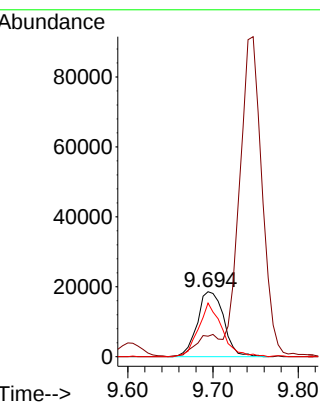
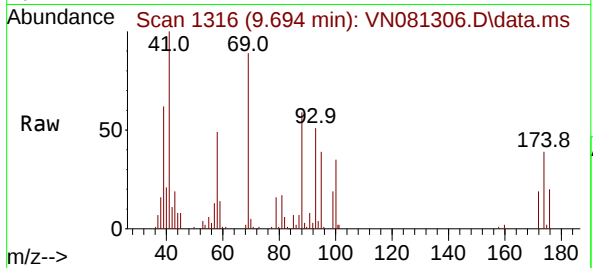
58 73.5 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#50

Toluene-d8

Concen: 20.552 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081306.D

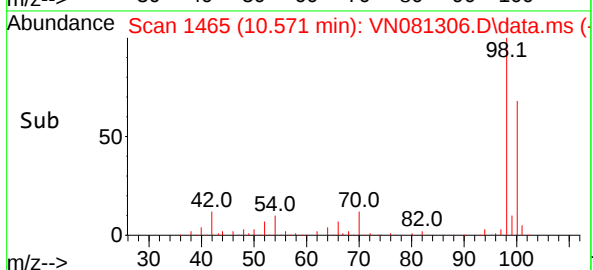
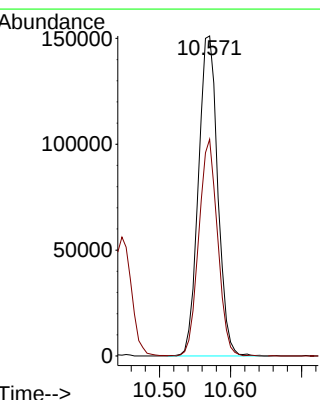
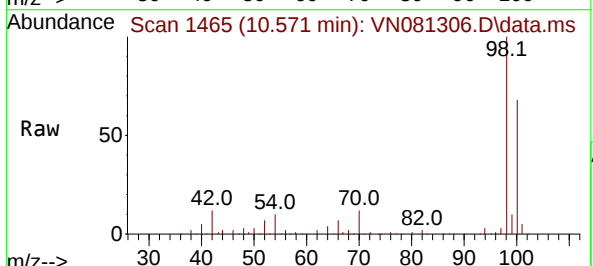
Acq: 05 Mar 2024 12:48

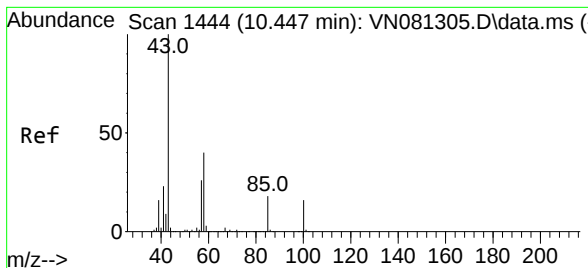
Tgt Ion: 98 Resp: 285313

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.0





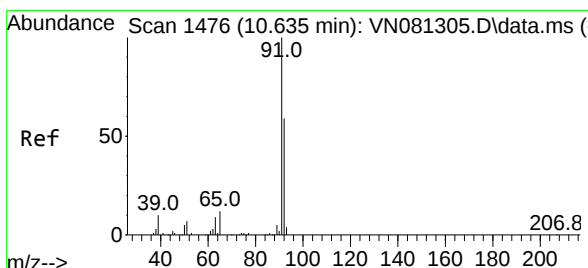
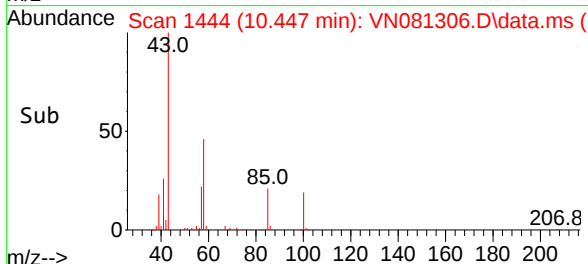
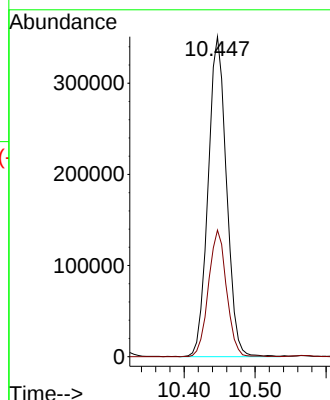
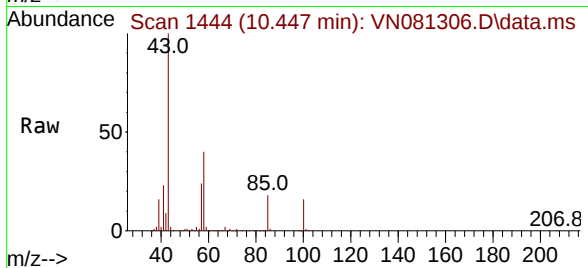
#51
4-Methyl-2-Pentanone
Concen: 106.000 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 630930
Ion Ratio Lower Upper
43 100
58 39.0 29.4 44.0

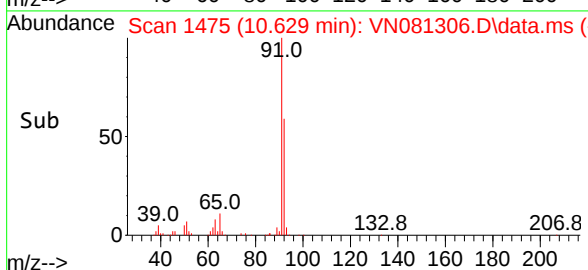
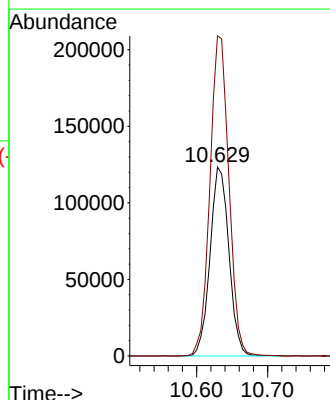
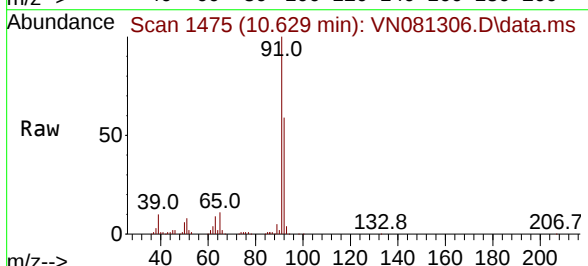
Manual Integrations
APPROVED

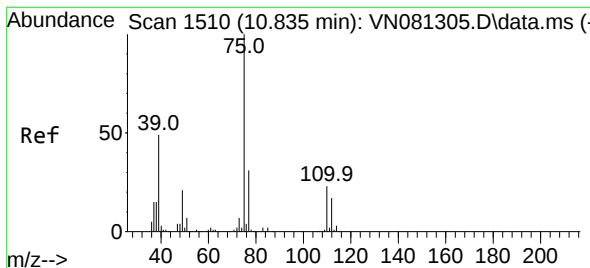
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#52
Toluene
Concen: 21.077 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

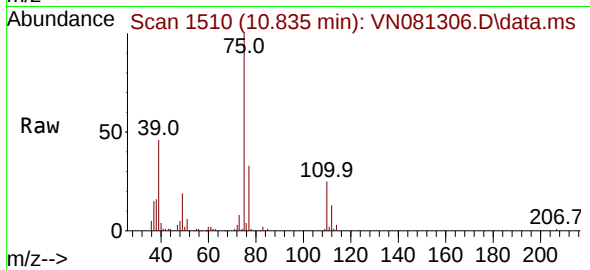
Tgt Ion: 92 Resp: 227698
Ion Ratio Lower Upper
92 100
91 170.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.583 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

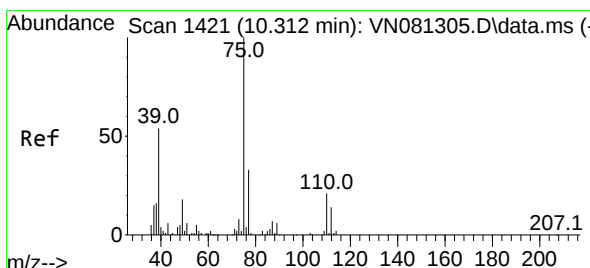
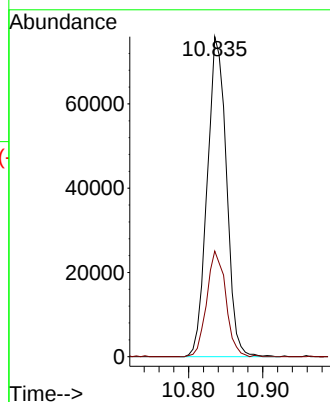
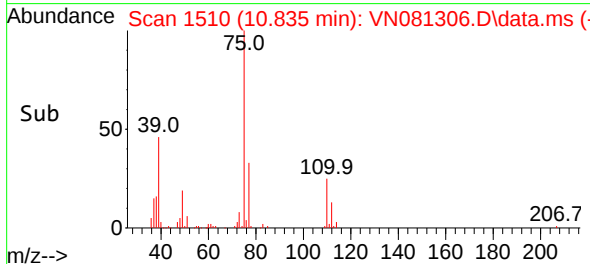
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



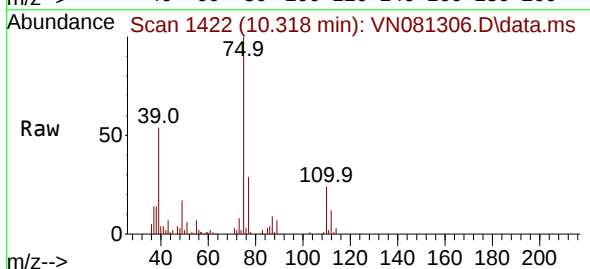
Tgt Ion: 75 Resp: 136902
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3

Manual Integrations
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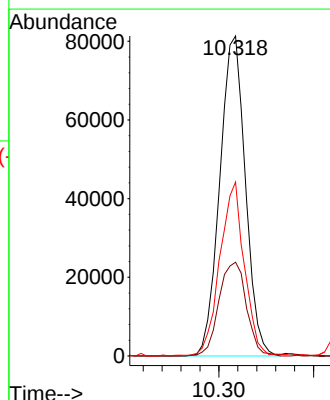
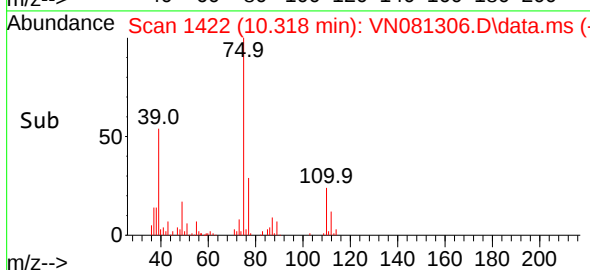
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

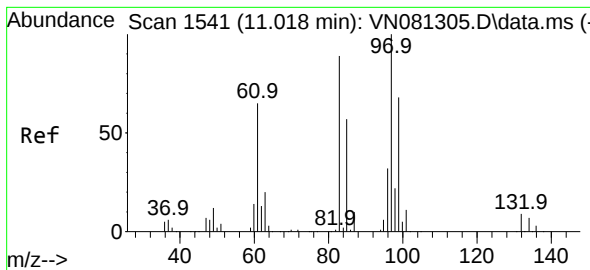


#54
cis-1,3-Dichloropropene
Concen: 21.284 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



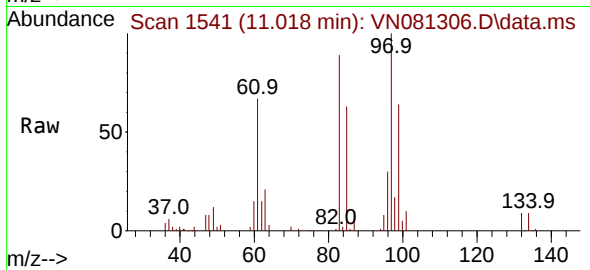
Tgt Ion: 75 Resp: 152827
Ion Ratio Lower Upper
75 100
77 29.3 23.3 34.9
39 54.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.346 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

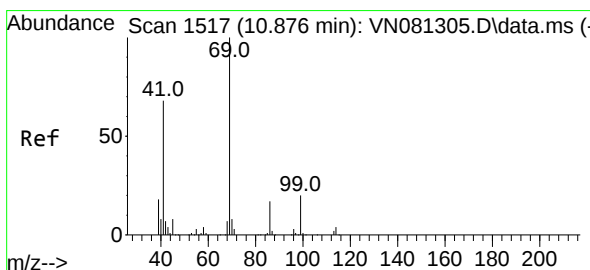
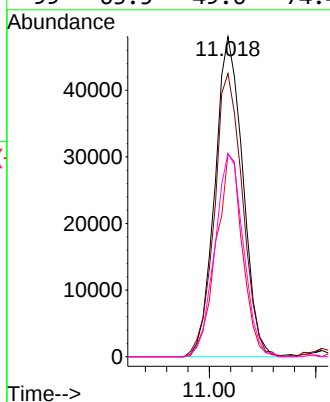
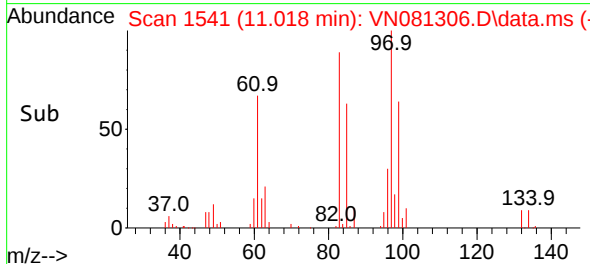
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



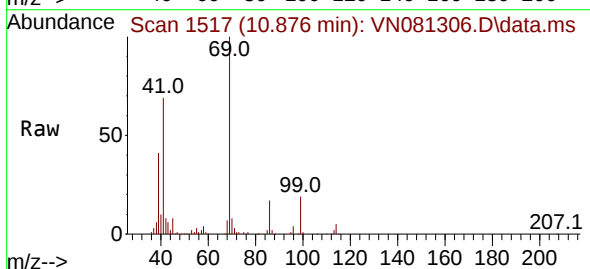
Tgt Ion: 97 Resp: 87163
Ion Ratio Lower Upper
97 100
83 88.5 72.9 109.3
85 63.3 50.2 75.2
99 63.5 49.6 74.4

Manual Integrations
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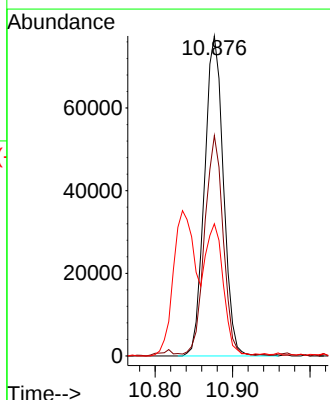
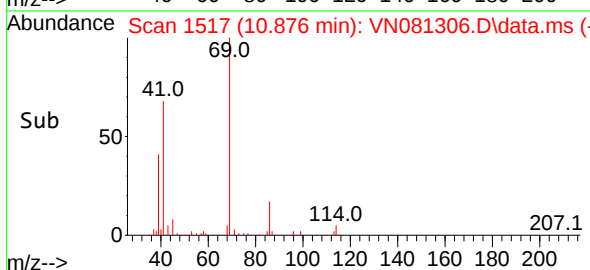
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

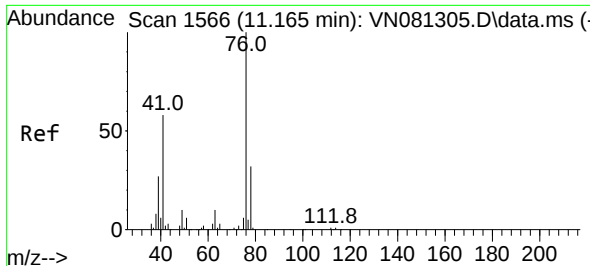


#56
Ethyl methacrylate
Concen: 21.311 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



Tgt Ion: 69 Resp: 131093
Ion Ratio Lower Upper
69 100
41 67.3 61.0 91.6
39 38.3 31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.526 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 153470

Ion Ratio Lower Upper

76 100

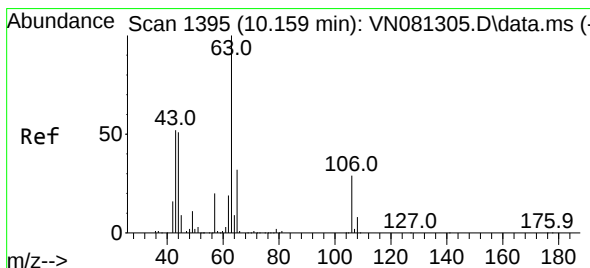
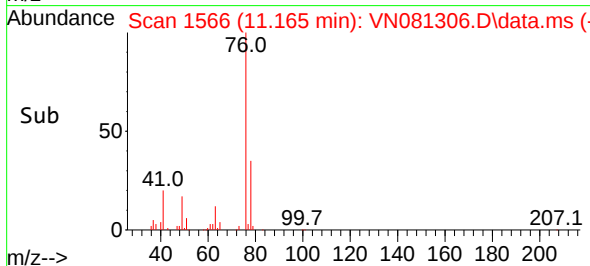
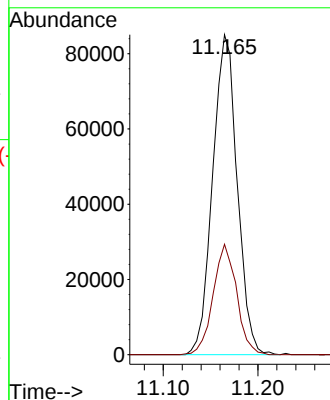
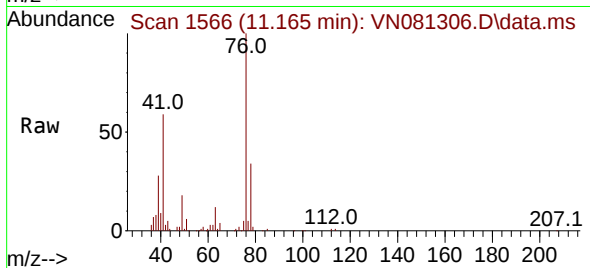
78 33.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#58

2-Chloroethyl Vinyl ether

Concen: 104.549 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081306.D

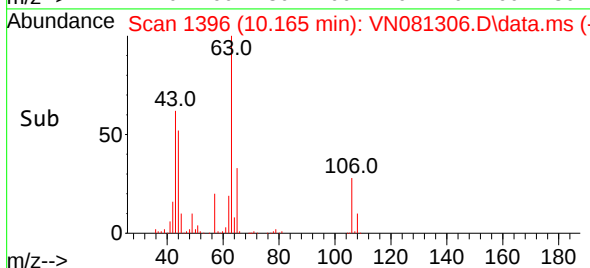
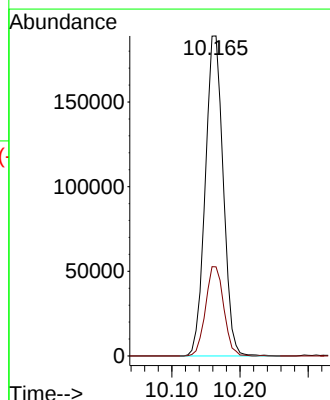
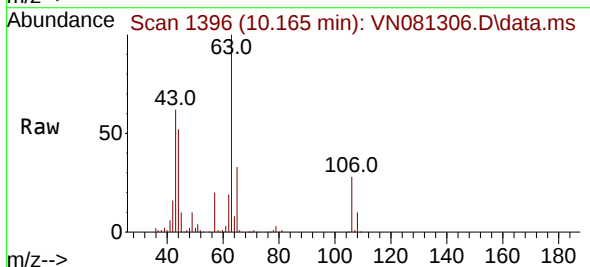
Acq: 05 Mar 2024 12:48

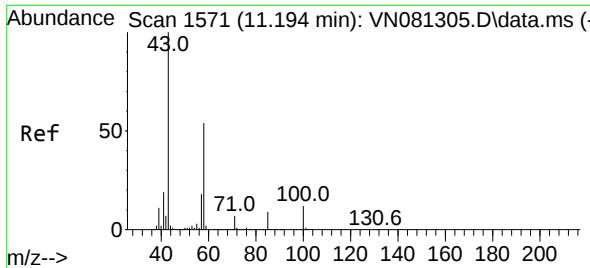
Tgt Ion: 63 Resp: 345949

Ion Ratio Lower Upper

63 100

106 28.3 18.6 28.0#





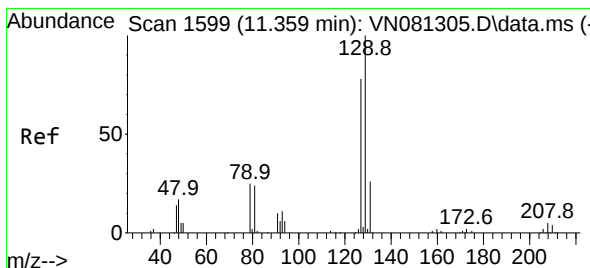
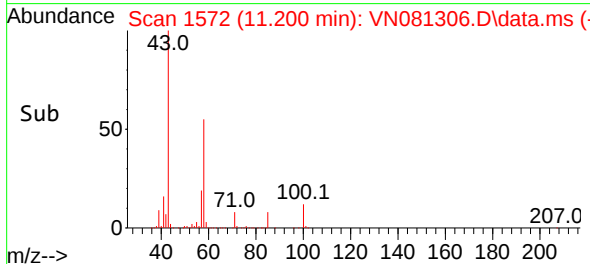
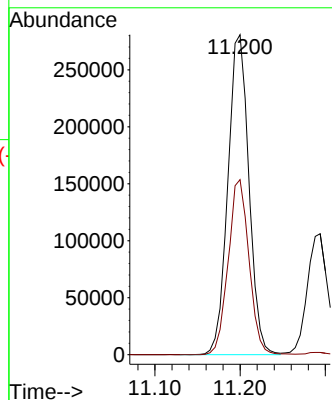
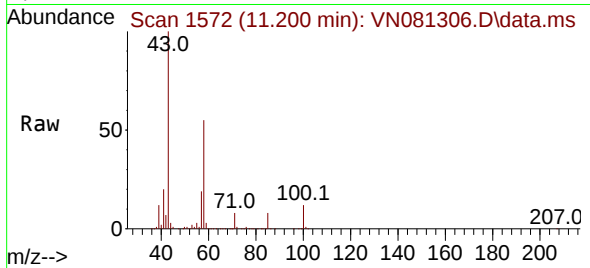
#59
2-Hexanone
Concen: 107.971 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 48045
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8

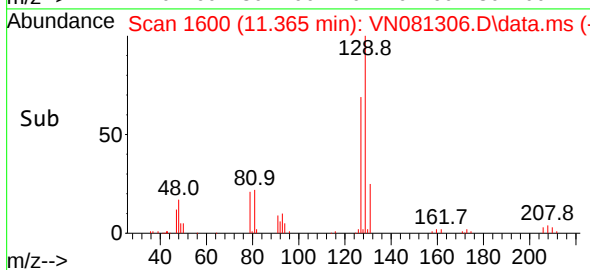
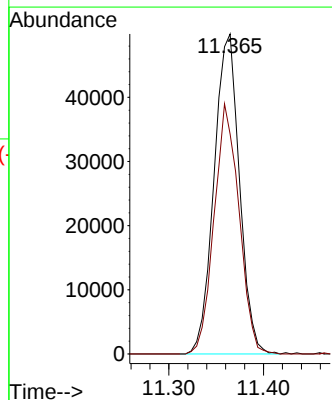
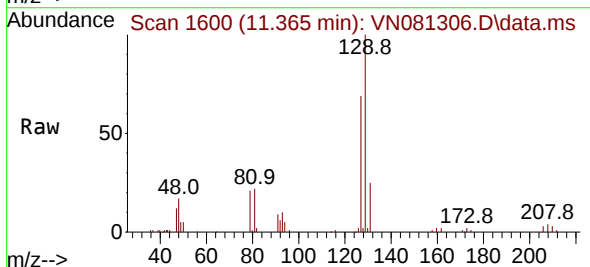
Manual Integrations
APPROVED

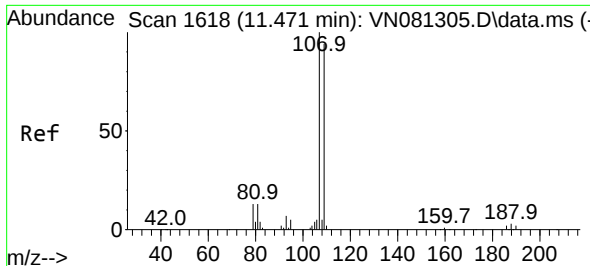
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#60
Dibromochloromethane
Concen: 21.066 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion:129 Resp: 92942
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2





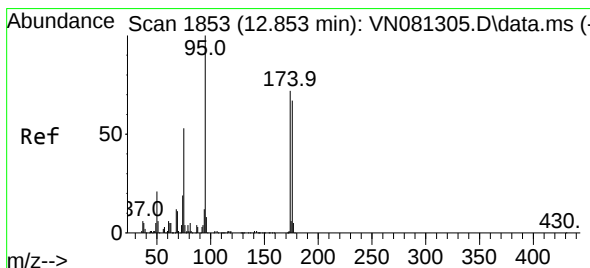
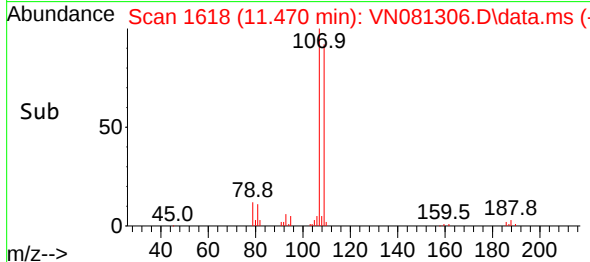
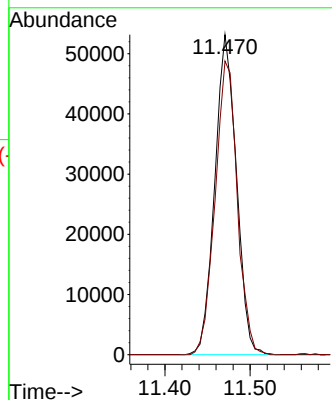
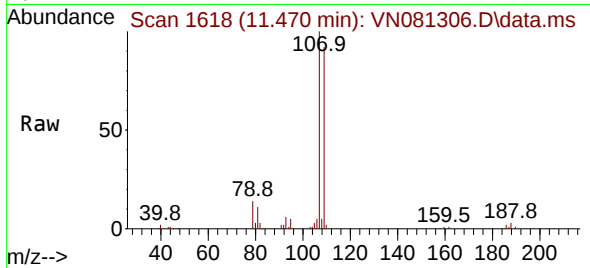
#61
1,2-Dibromoethane
Concen: 21.067 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 107 Resp: 9364
Ion Ratio Lower Upper
107 100
109 94.1 73.4 110.2

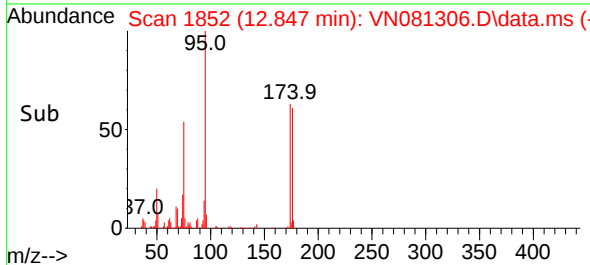
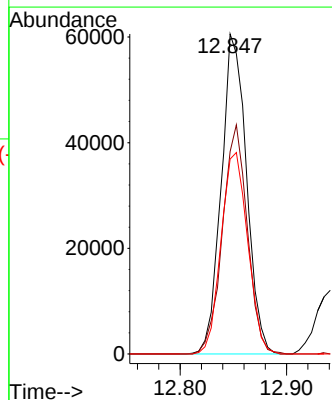
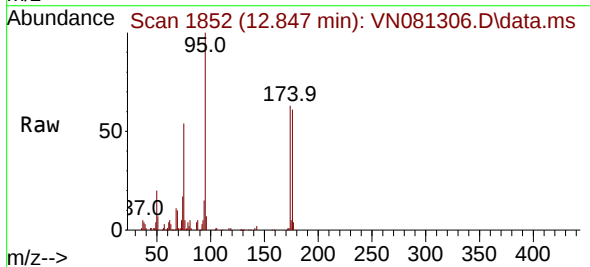
Manual Integrations
APPROVED

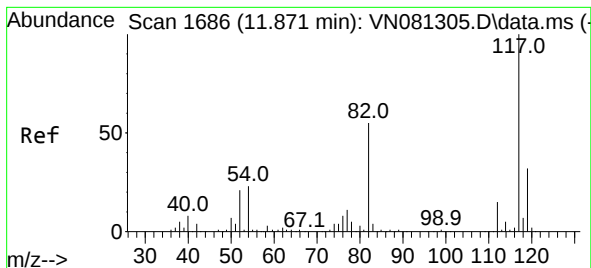
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#62
4-Bromofluorobenzene
Concen: 20.273 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

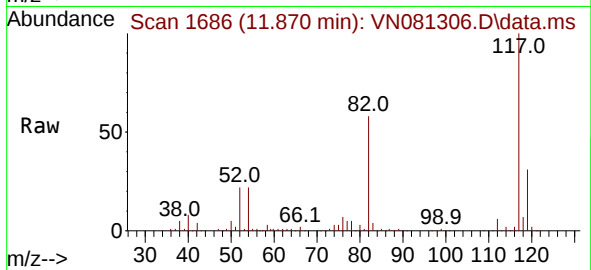
Tgt Ion: 95 Resp: 99474
Ion Ratio Lower Upper
95 100
174 70.5 0.0 120.4
176 66.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

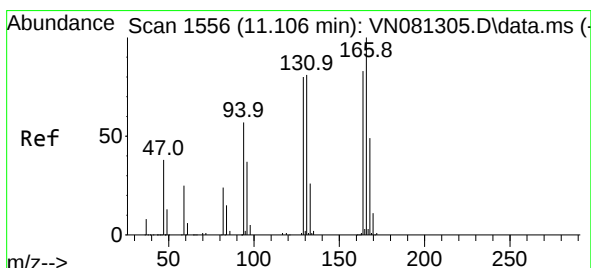
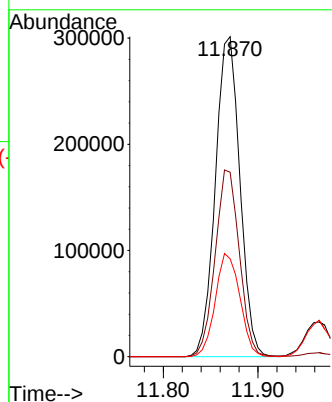
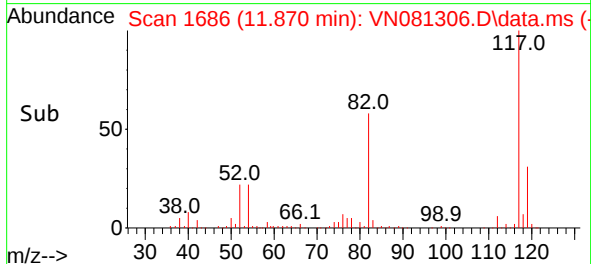
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 543510
Ion Ratio Lower Upper
117 100
82 57.6 52.7 79.1
119 30.6 25.3 37.9

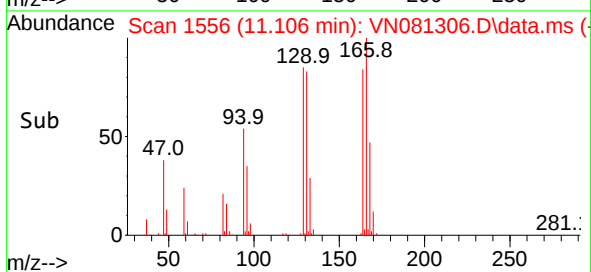
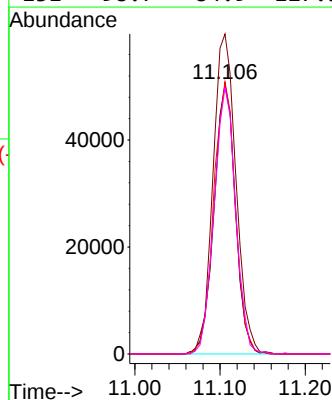
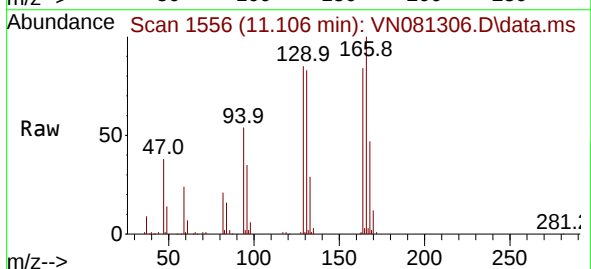
Manual Integrations
APPROVED

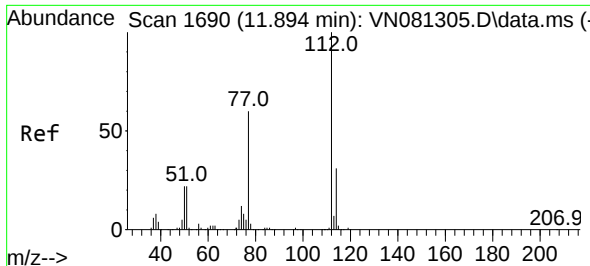
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#64
Tetrachloroethene
Concen: 20.614 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

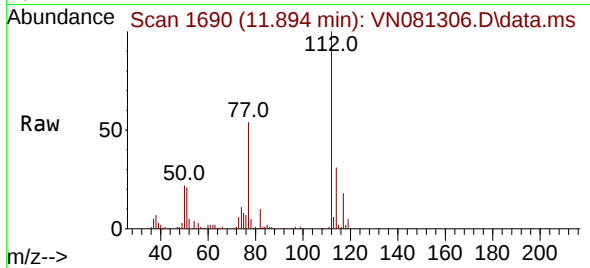
Tgt Ion:164 Resp: 87726
Ion Ratio Lower Upper
164 100
166 118.7 105.8 158.6
129 100.9 89.6 134.4
131 98.7 84.9 127.3





#65
Chlorobenzene
Concen: 21.182 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

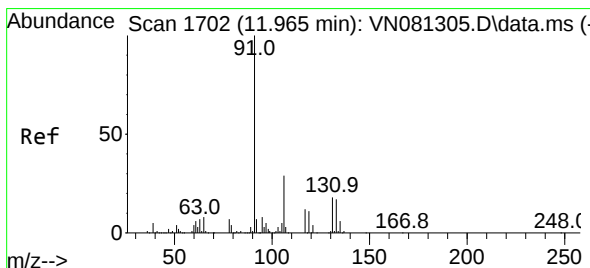
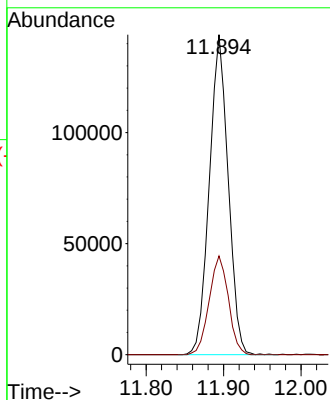
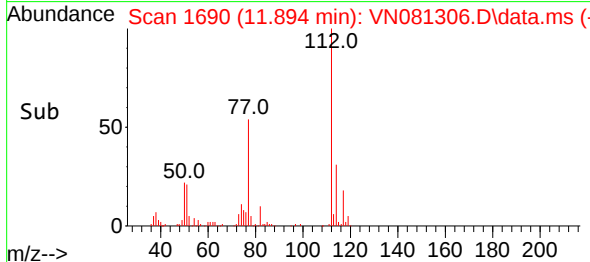
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



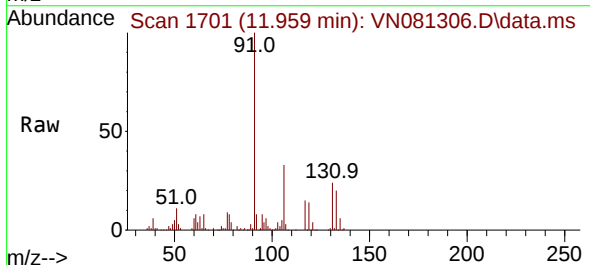
Tgt Ion:112 Resp: 24260
Ion Ratio Lower Upper
112 100
114 30.8 23.7 35.5

Manual Integrations
APPROVED

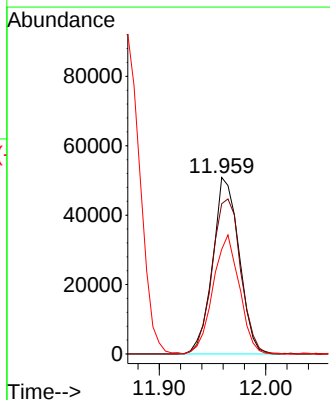
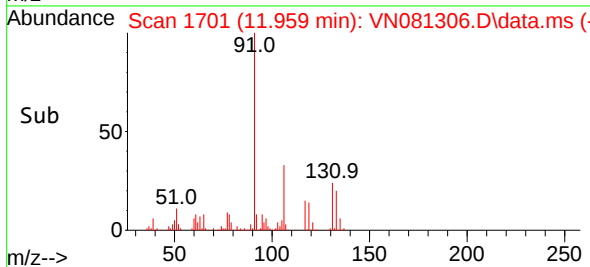
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

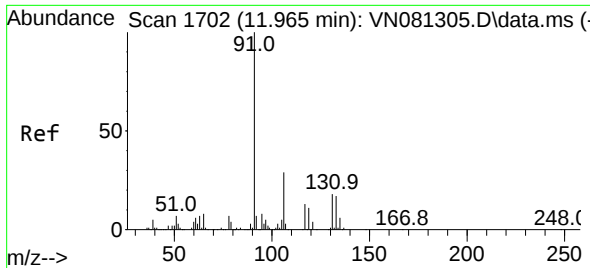


#66
1,1,1,2-Tetrachloroethane
Concen: 20.981 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



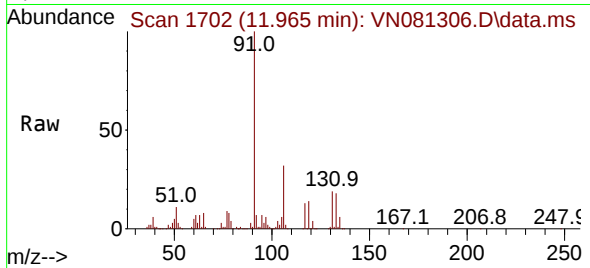
Tgt Ion:131 Resp: 87932
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 67.2 34.6 103.9





#67
Ethyl Benzene
Concen: 20.786 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

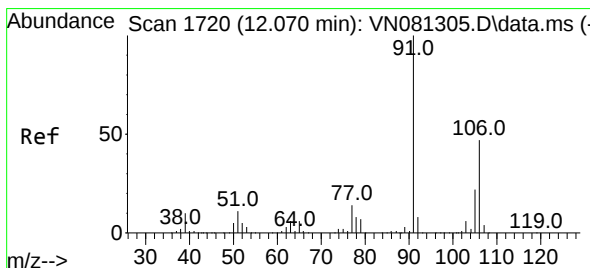
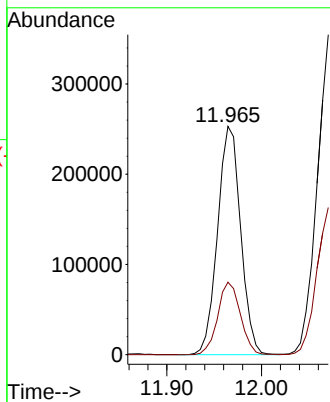
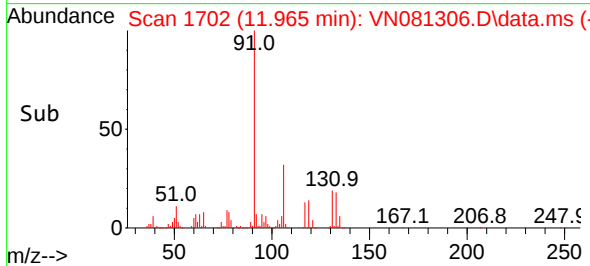
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



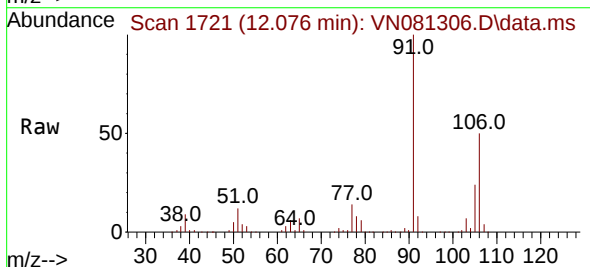
Tgt Ion: 91 Resp: 428849
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.6

Manual Integrations
APPROVED

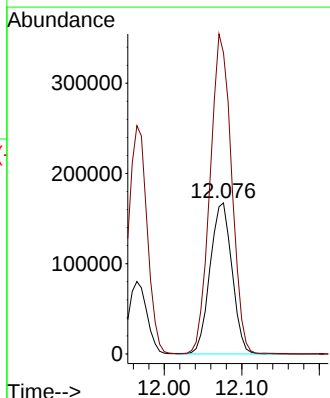
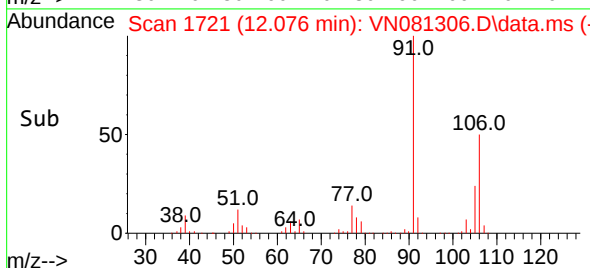
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

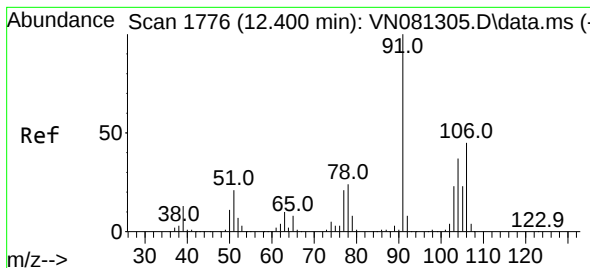


#68
m/p-Xylenes
Concen: 42.317 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



Tgt Ion:106 Resp: 328566
Ion Ratio Lower Upper
106 100
91 208.4 169.0 253.6





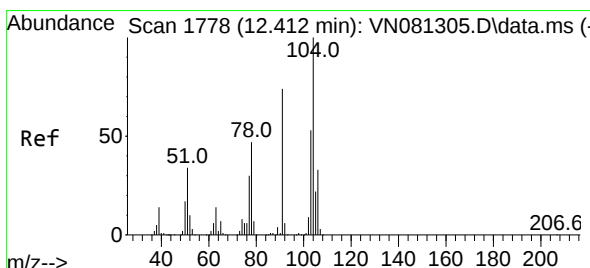
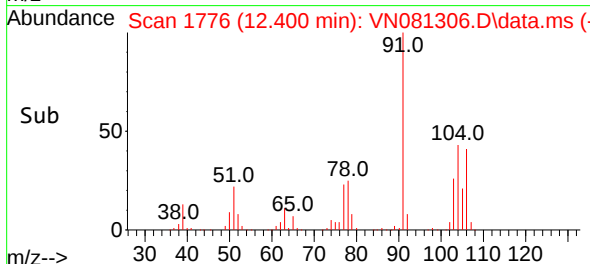
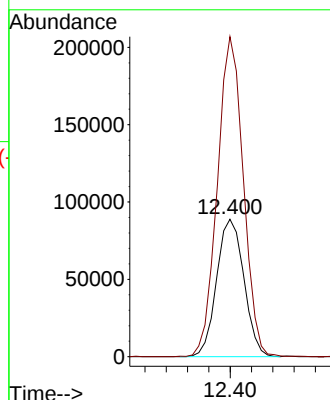
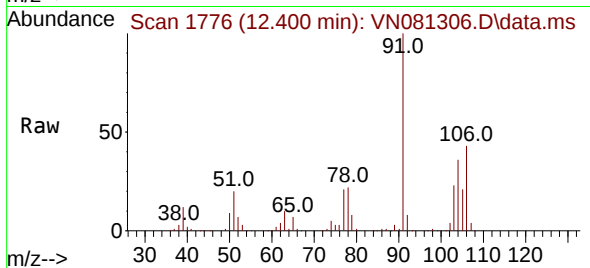
#69
o-Xylene
Concen: 20.960 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 157724
Ion Ratio Lower Upper
106 100
91 222.2 112.1 336.3

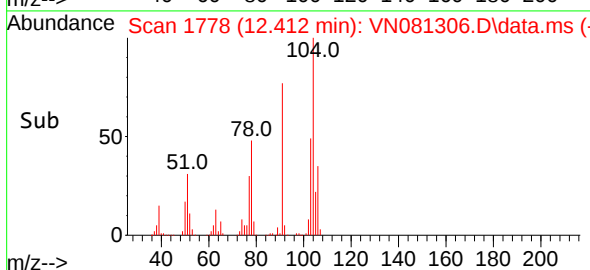
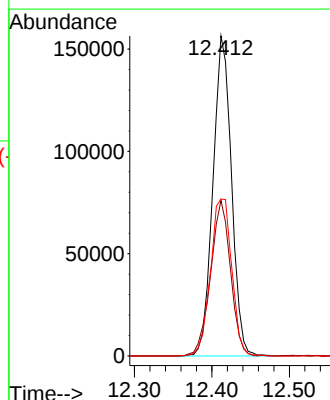
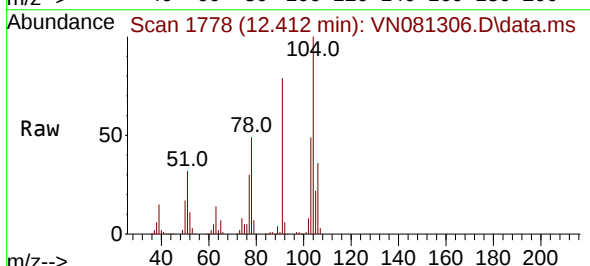
Manual Integrations
APPROVED

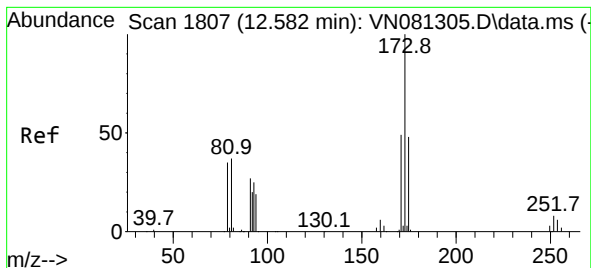
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#70
Styrene
Concen: 21.804 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion:104 Resp: 260010
Ion Ratio Lower Upper
104 100
78 52.1 43.8 65.8
103 56.3 44.2 66.2





#71

Bromoform

Concen: 20.285 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

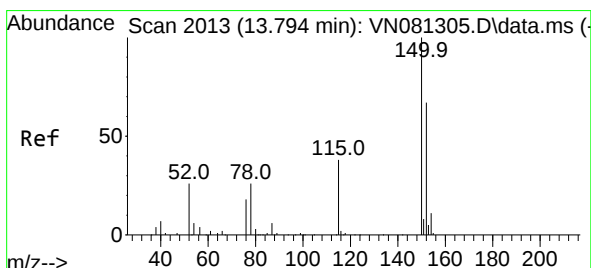
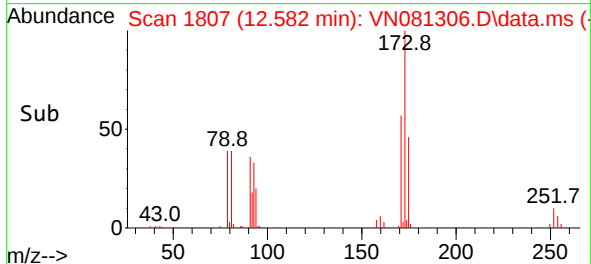
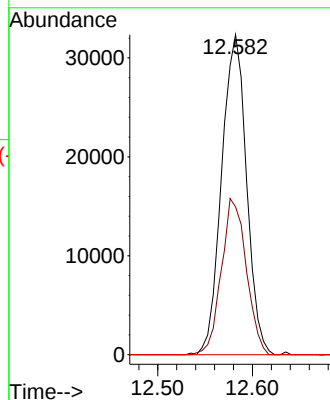
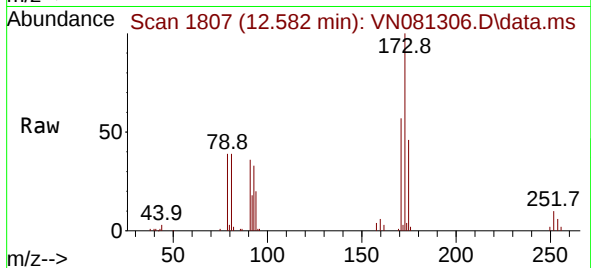
Tgt Ion:	173	Resp:	5902
Ion Ratio	Lower	Upper	
173	100		
175	48.9	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

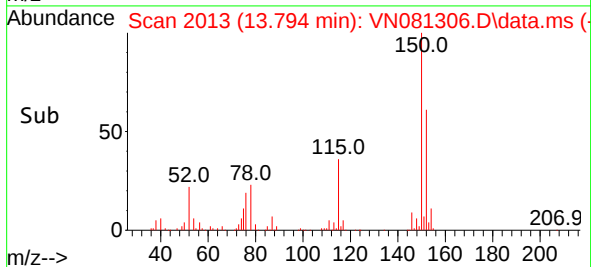
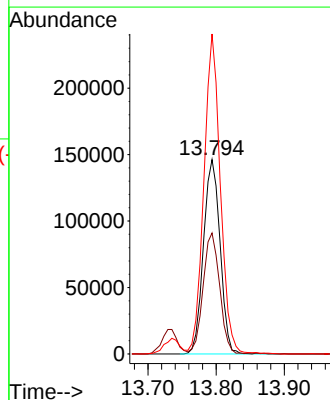
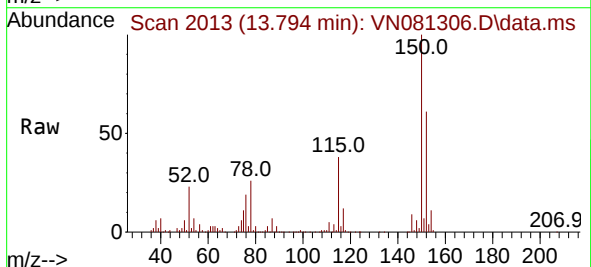
RT: 13.794 min Scan# 2013

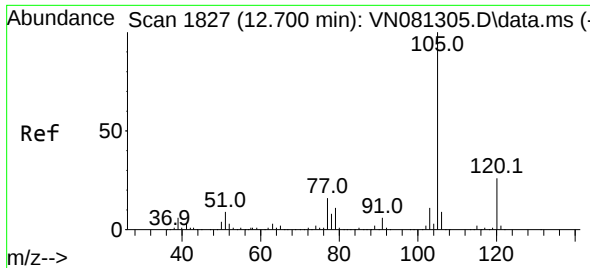
Delta R.T. -0.000 min

Lab File: VN081306.D

Acq: 05 Mar 2024 12:48

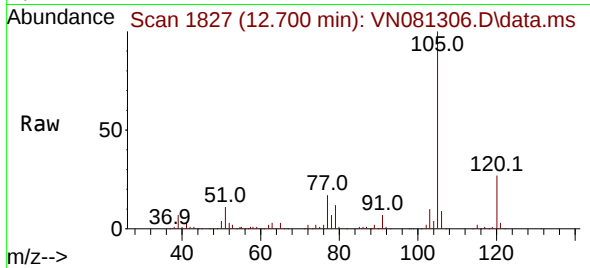
Tgt Ion:	152	Resp:	247423
Ion Ratio	Lower	Upper	
152	100		
115	62.1	32.3	96.8
150	163.3	0.0	339.8





#73
Isopropylbenzene
Concen: 21.021 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

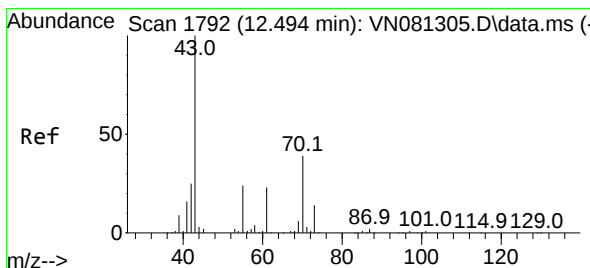
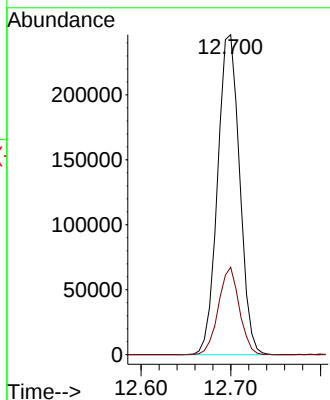
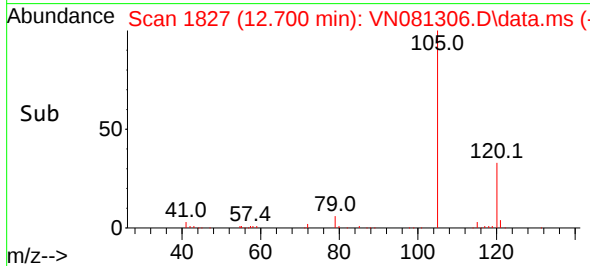
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



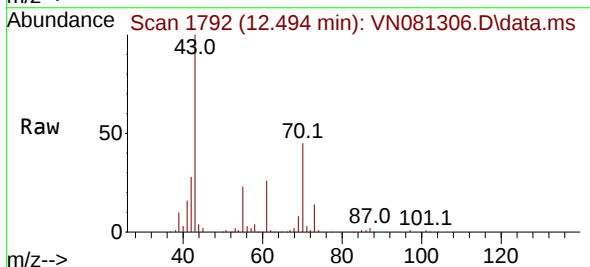
Tgt Ion:105 Resp: 41999
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6

Manual Integrations
APPROVED

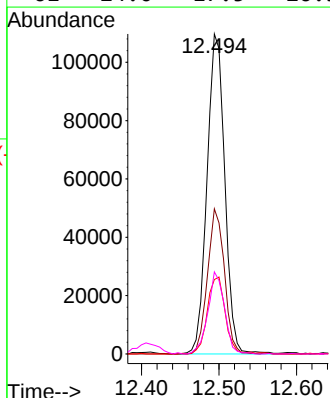
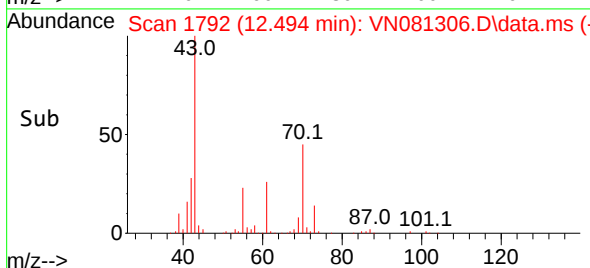
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

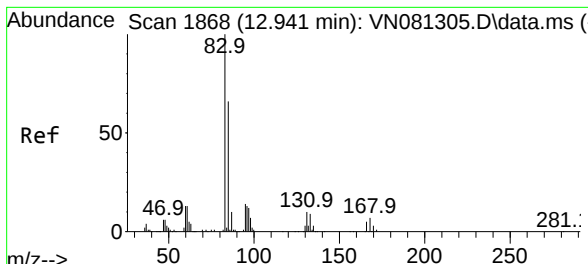


#74
N-ethyl acetate
Concen: 20.882 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



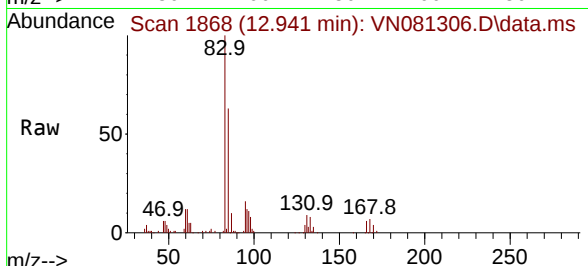
Tgt Ion: 43 Resp: 175053
Ion Ratio Lower Upper
43 100
70 43.2 30.1 45.1
55 24.5 17.0 25.4
61 24.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.245 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

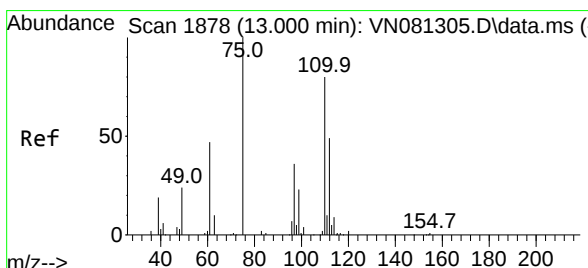
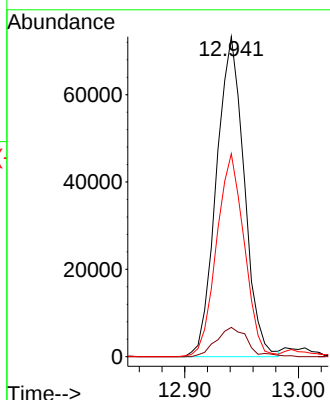
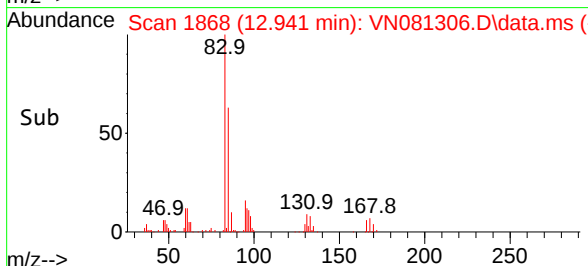
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



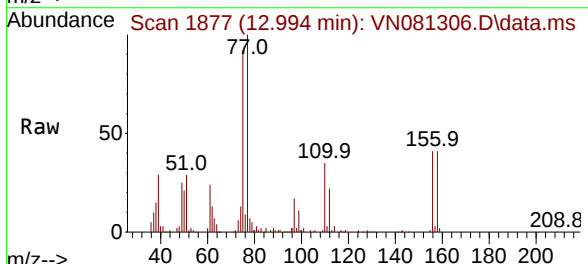
Tgt Ion: 83 Resp: 124828
Ion Ratio Lower Upper
83 100
131 10.3 4.1 12.3
85 63.2 32.1 96.3

Manual Integrations
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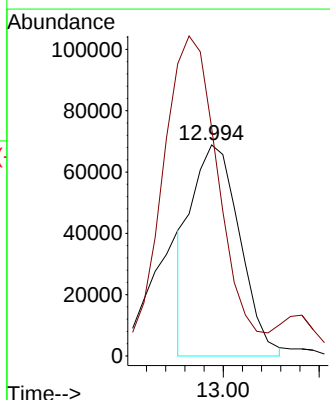
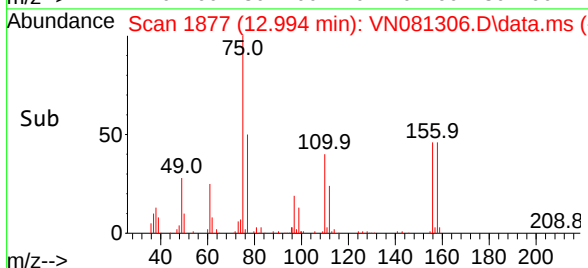
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

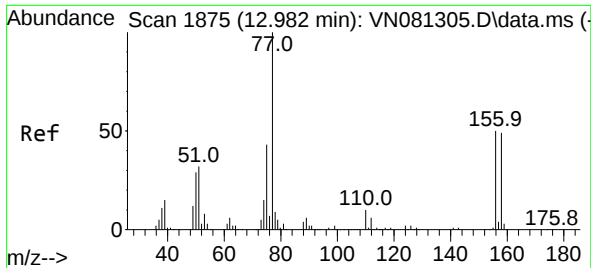


#76
1,2,3-Trichloropropane
Concen: 20.059 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



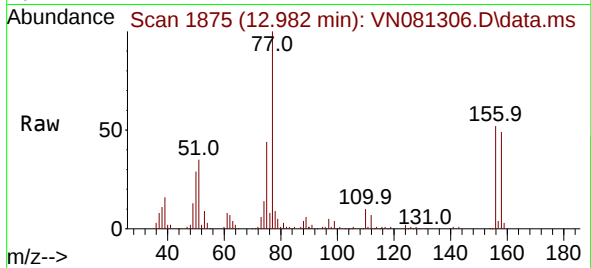
Tgt Ion: 75 Resp: 120193
Ion Ratio Lower Upper
75 100
77 179.4 91.0 272.8





#77
Bromobenzene
Concen: 19.711 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

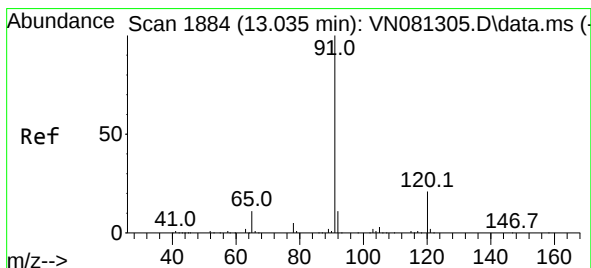
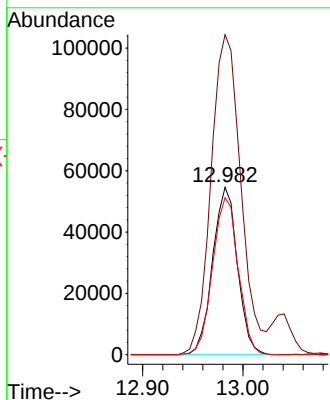
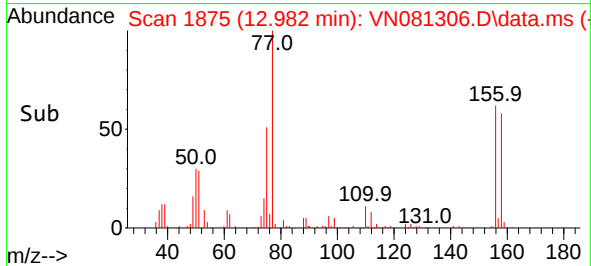
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:156 Resp: 93374
Ion Ratio Lower Upper
156 100
77 231.0 138.1 414.3
158 97.2 46.5 139.5

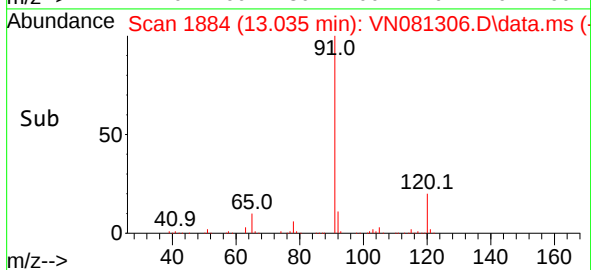
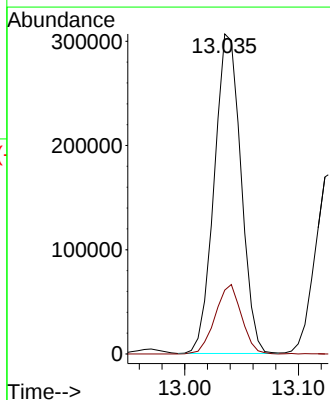
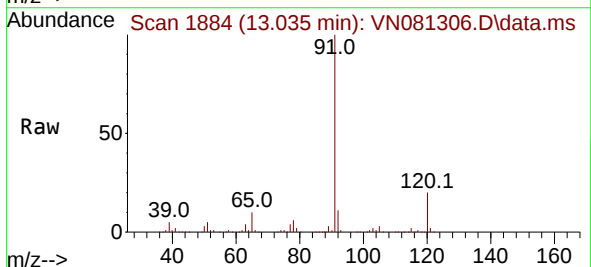
Manual Integrations
APPROVED

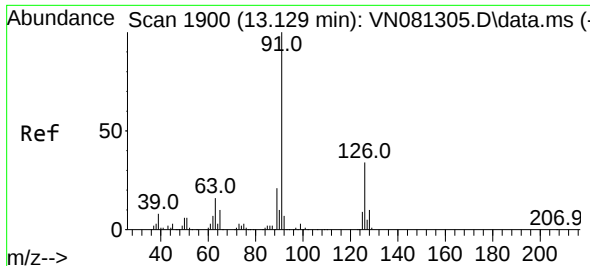
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#78
n-propylbenzene
Concen: 21.208 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

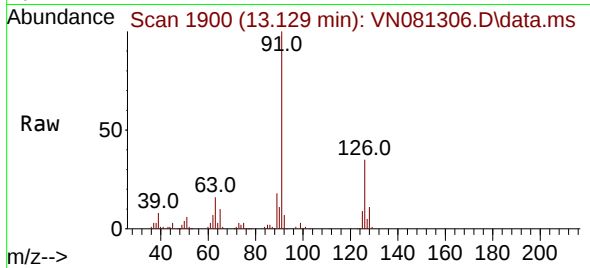
Tgt Ion: 91 Resp: 501181
Ion Ratio Lower Upper
91 100
120 21.3 10.3 30.9





#79
2-Chlorotoluene
Concen: 20.743 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

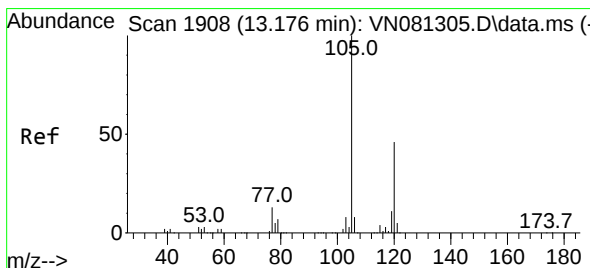
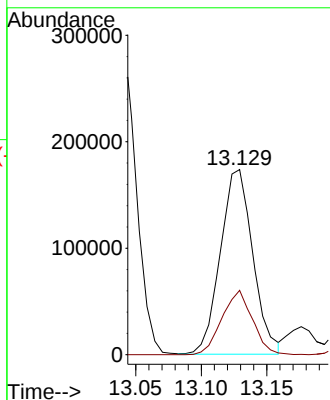
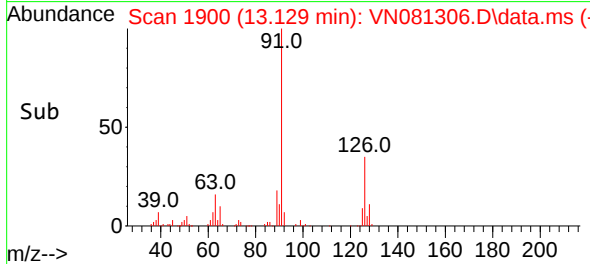
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 299620
Ion Ratio Lower Upper
91 100
126 32.6 14.8 44.4

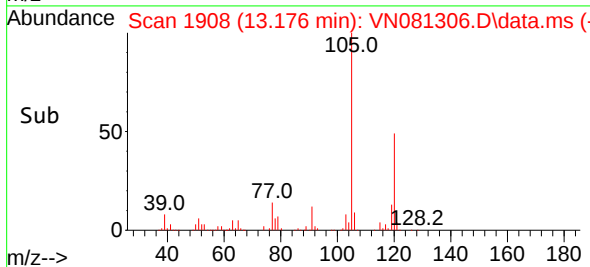
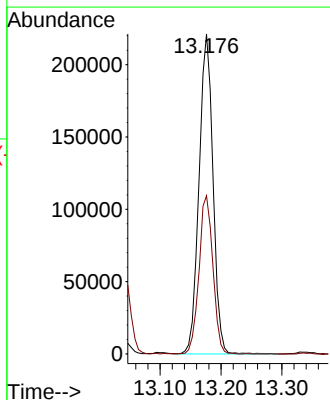
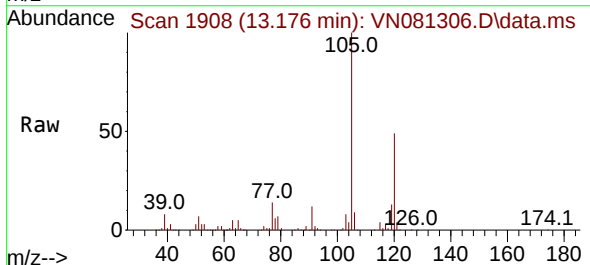
Manual Integrations
APPROVED

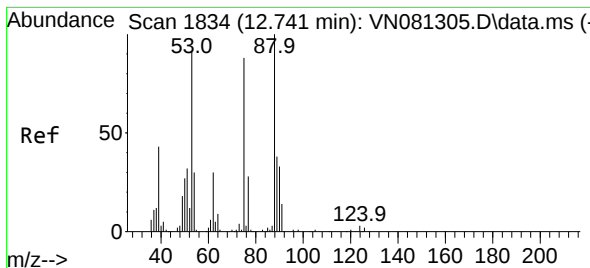
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.351 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

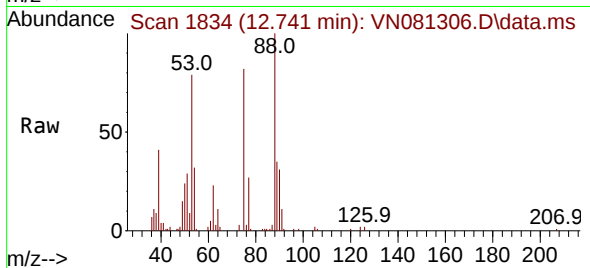
Tgt Ion:105 Resp: 352629
Ion Ratio Lower Upper
105 100
120 49.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.426 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

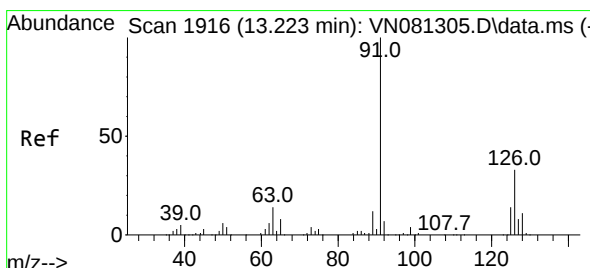
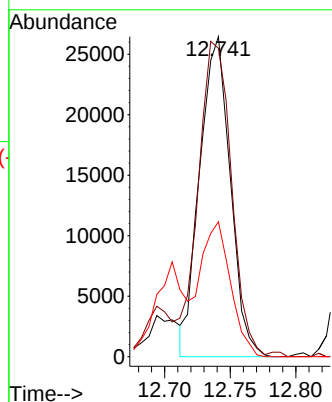
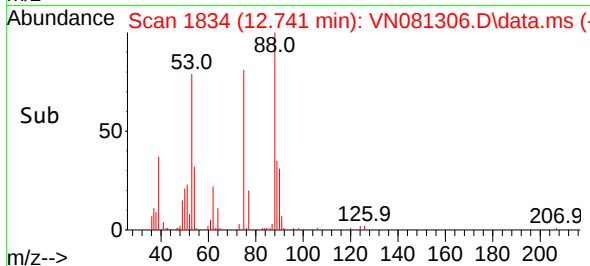
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 42773
Ion Ratio Lower Upper
75 100
53 108.7 71.4 107.2
89 42.0 33.4 50.0

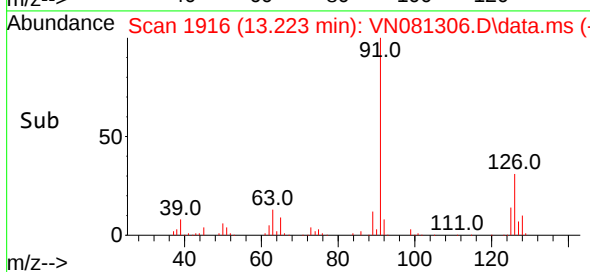
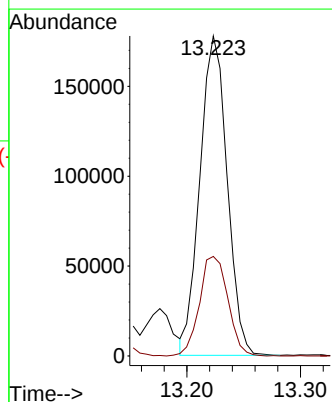
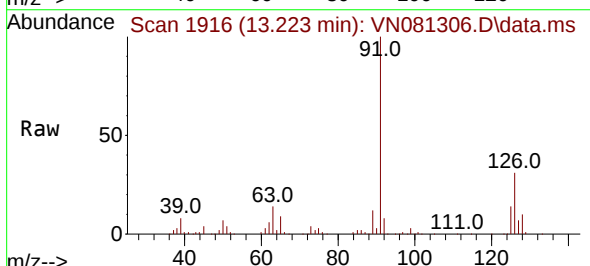
Manual Integrations
APPROVED

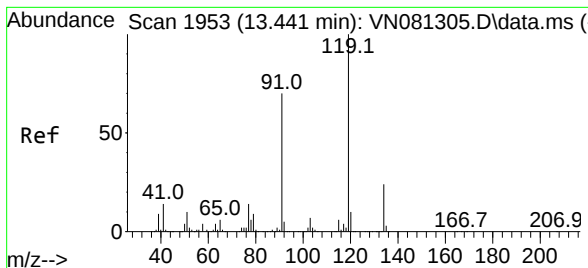
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#82
4-Chlorotoluene
Concen: 20.779 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

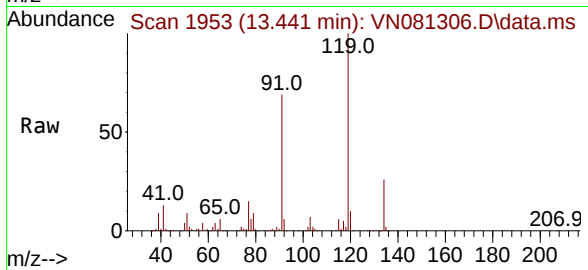
Tgt Ion: 91 Resp: 296464
Ion Ratio Lower Upper
91 100
126 32.5 15.3 45.9





#83
tert-Butylbenzene
Concen: 20.913 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

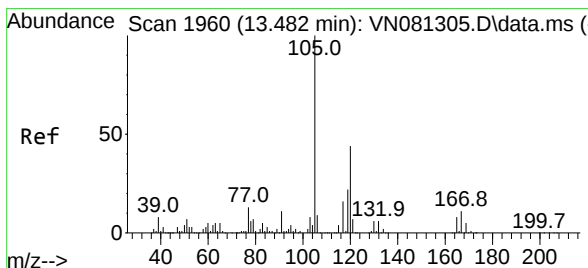
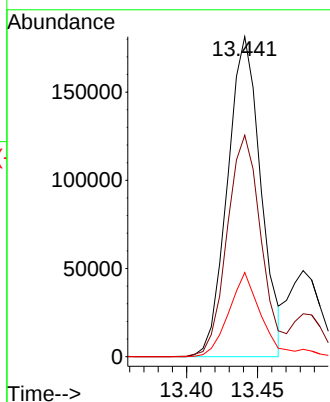
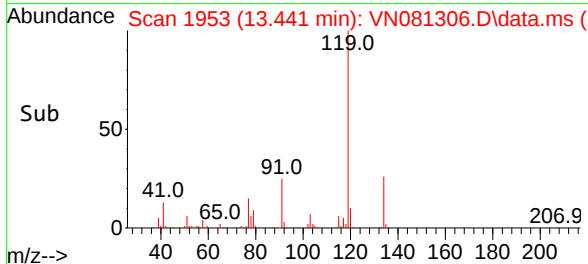
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



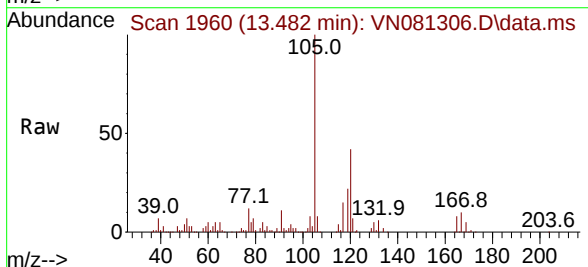
Tgt Ion:119 Resp: 296111
Ion Ratio Lower Upper
119 100
91 71.0 36.8 110.4
134 26.4 12.4 37.4

Manual Integrations
APPROVED

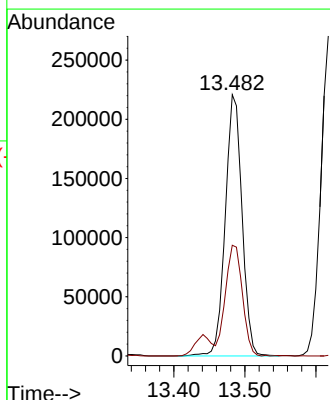
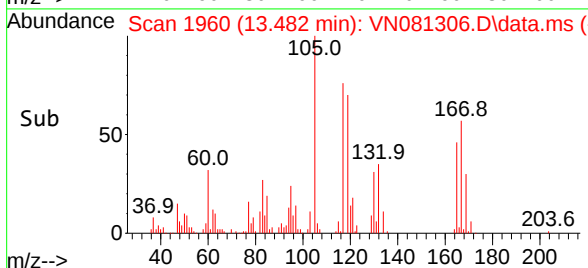
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

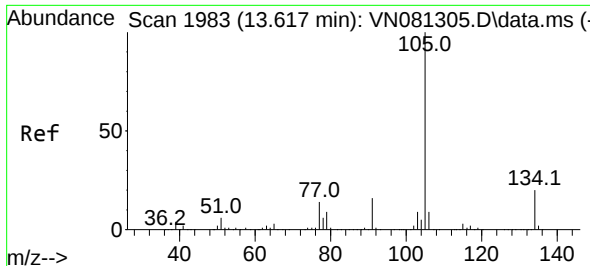


#84
1,2,4-Trimethylbenzene
Concen: 21.564 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



Tgt Ion:105 Resp: 360827
Ion Ratio Lower Upper
105 100
120 42.9 20.9 62.7





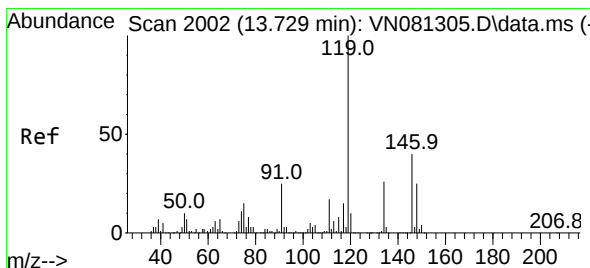
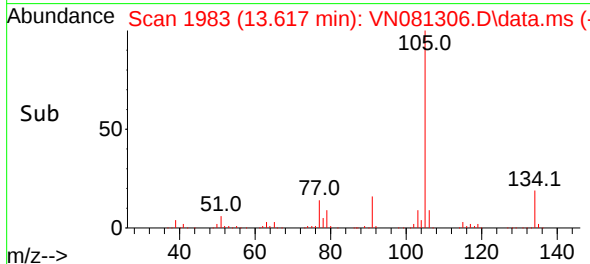
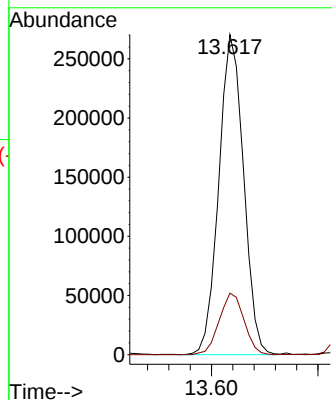
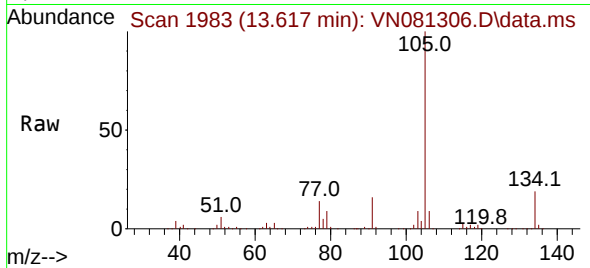
#85
 sec-Butylbenzene
 Concen: 21.268 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081306.D
 Acq: 05 Mar 2024 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 43565
 Ion Ratio Lower Upper
 105 100
 134 19.3 8.6 25.8

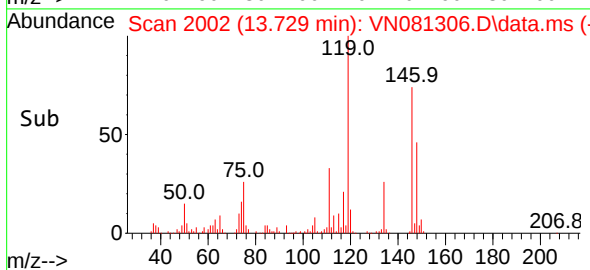
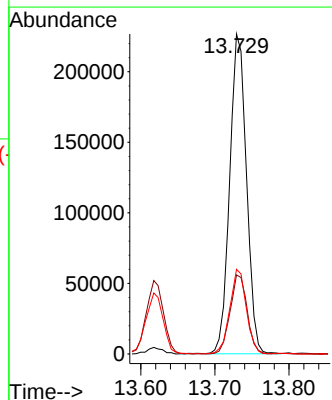
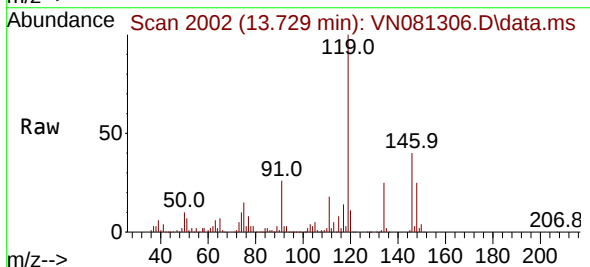
Manual Integrations
 APPROVED

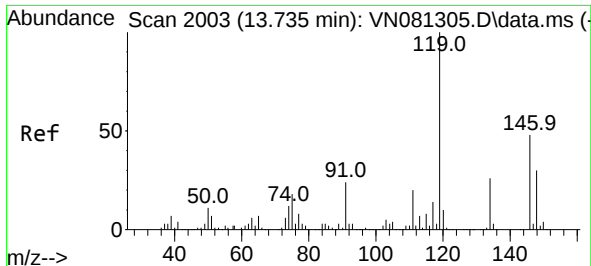
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#86
 p-Isopropyltoluene
 Concen: 21.724 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081306.D
 Acq: 05 Mar 2024 12:48

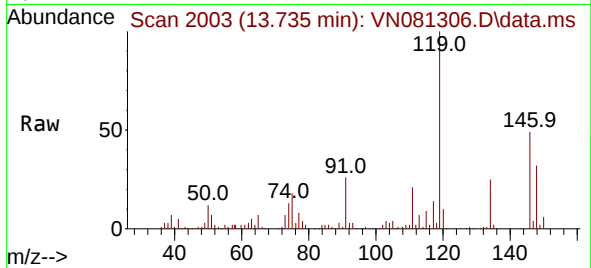
Tgt Ion:119 Resp: 356855
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.4 37.2
 91 26.1 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 19.602 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

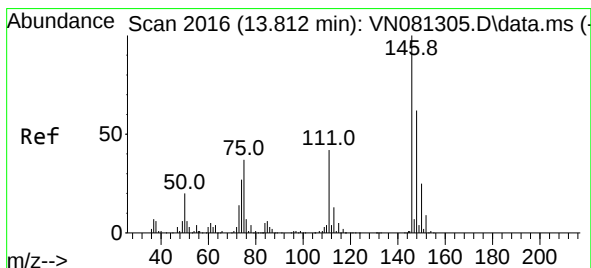
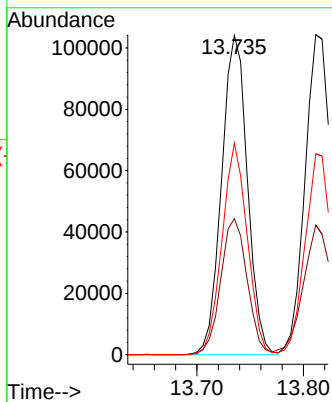
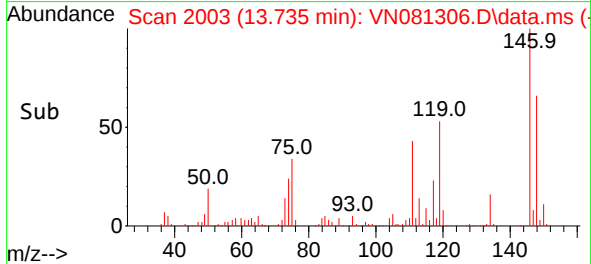
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 175334
Ion Ratio Lower Upper
146 100
111 43.5 23.9 71.7
148 64.7 32.6 97.7

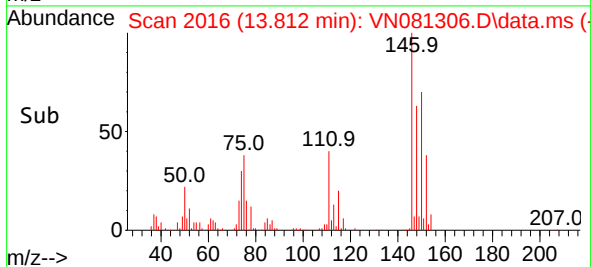
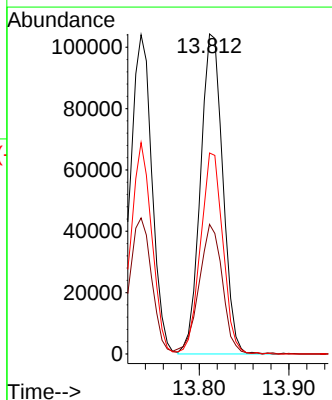
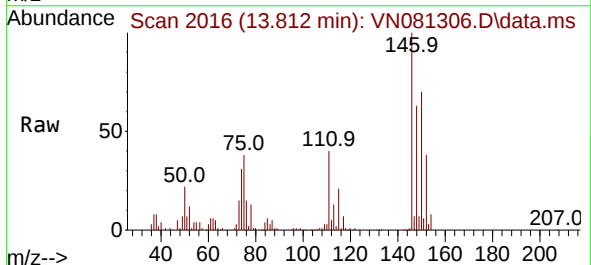
Manual Integrations
APPROVED

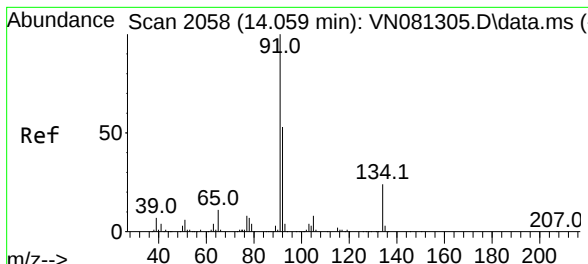
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#88
1,4-Dichlorobenzene
Concen: 20.189 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion:146 Resp: 180499
Ion Ratio Lower Upper
146 100
111 42.3 22.6 67.7
148 63.2 31.9 95.5





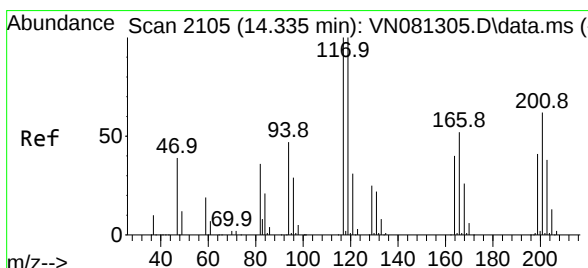
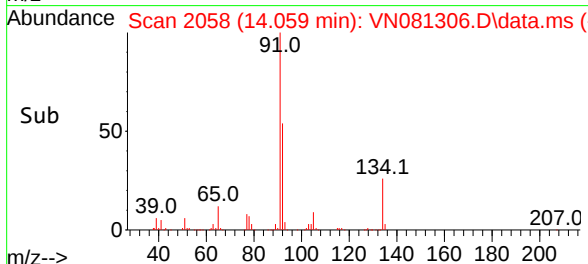
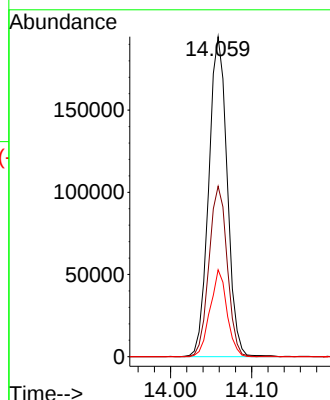
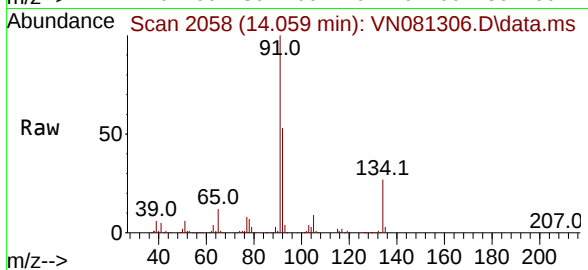
#89
n-Butylbenzene
Concen: 20.410 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 30746
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 24.8 10.8 32.4

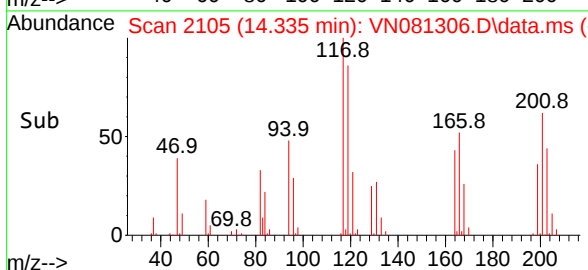
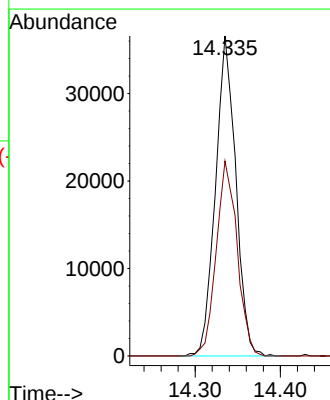
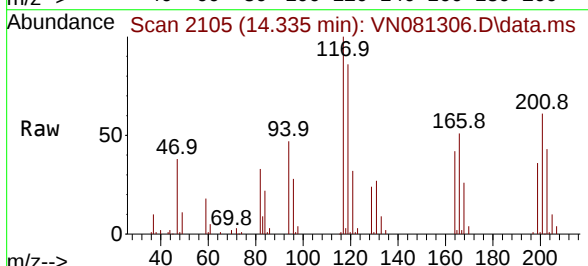
Manual Integrations
APPROVED

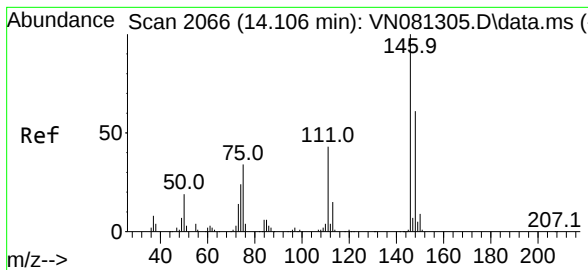
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#90
Hexachloroethane
Concen: 21.049 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion:117 Resp: 60537
Ion Ratio Lower Upper
117 100
201 62.8 30.0 90.0





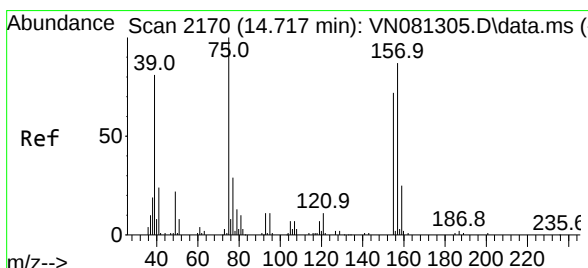
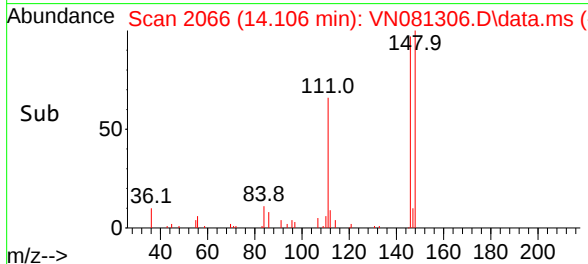
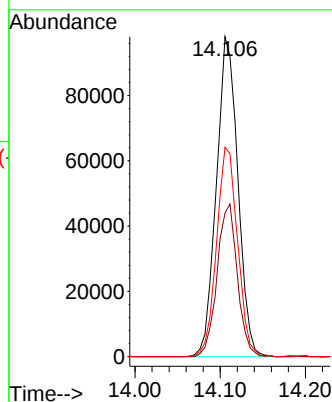
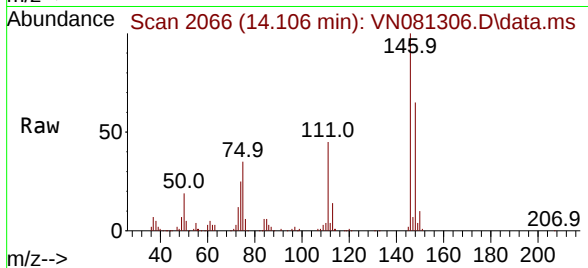
#91
1,2-Dichlorobenzene
Concen: 20.021 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 17182
Ion Ratio Lower Upper
146 100
111 45.1 23.9 71.8
148 64.2 31.4 94.0

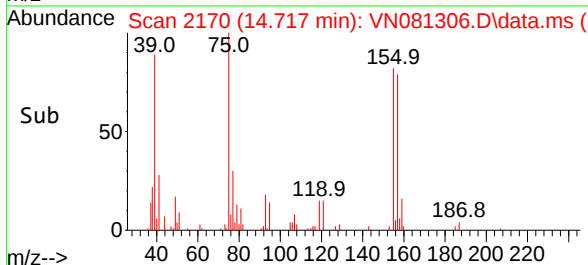
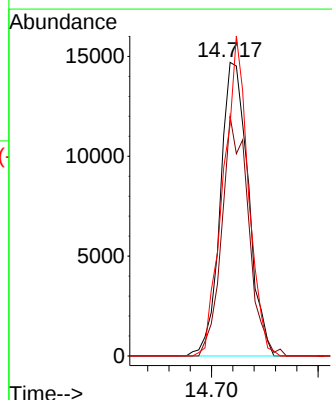
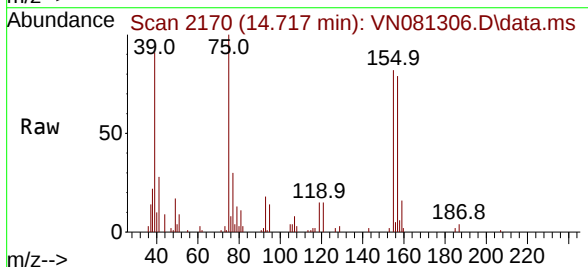
Manual Integrations
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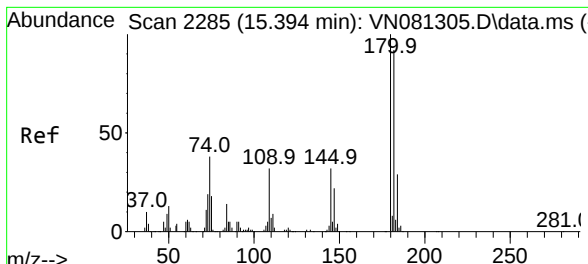
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.263 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

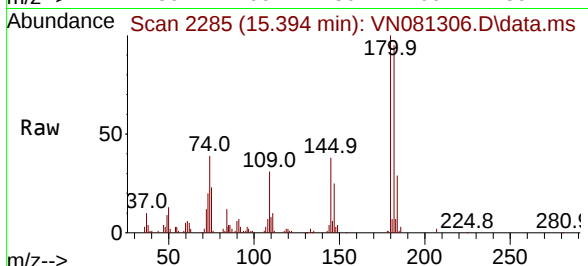
Tgt Ion: 75 Resp: 26736
Ion Ratio Lower Upper
75 100
155 77.8 31.8 95.4
157 98.1 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 20.730 ug/l
RT: 15.394 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

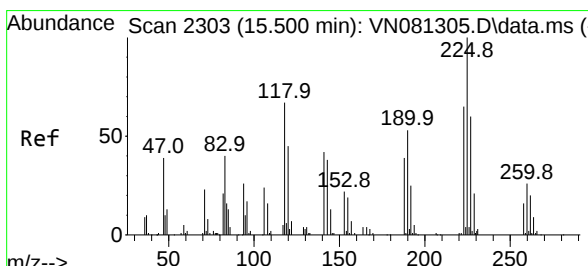
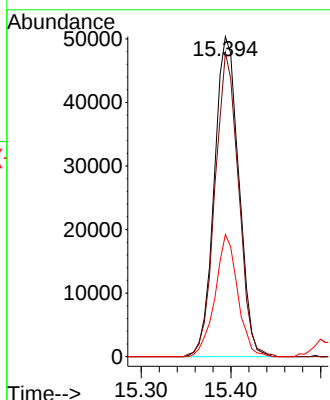
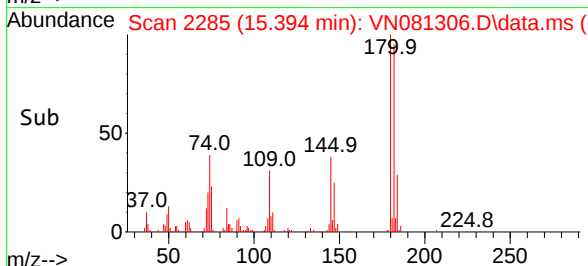
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



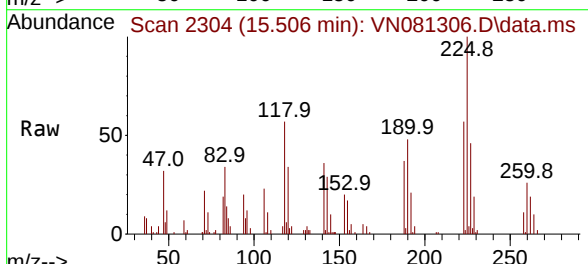
Tgt Ion:180 Resp: 9509
Ion Ratio Lower Upper
180 100
182 91.6 46.6 139.7
145 35.4 16.8 50.3

Manual Integrations
APPROVED

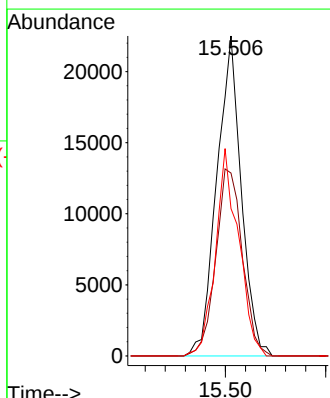
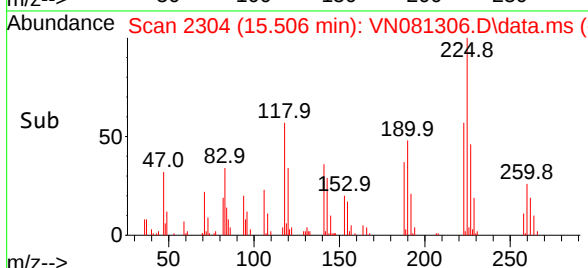
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

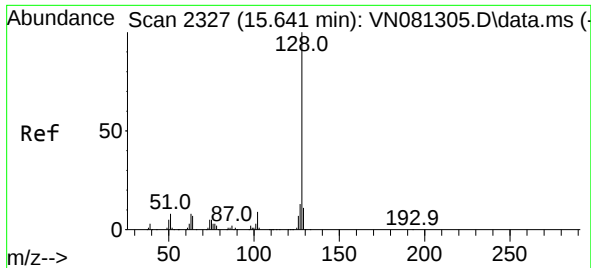


#94
Hexachlorobutadiene
Concen: 20.087 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48



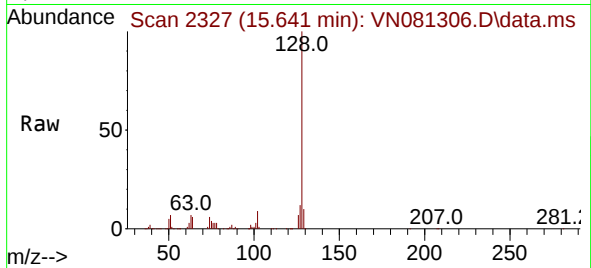
Tgt Ion:225 Resp: 38075
Ion Ratio Lower Upper
225 100
223 63.5 33.3 99.8
227 61.1 33.1 99.2





#95
Naphthalene
Concen: 21.057 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

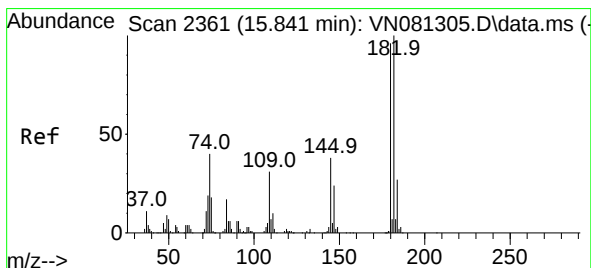
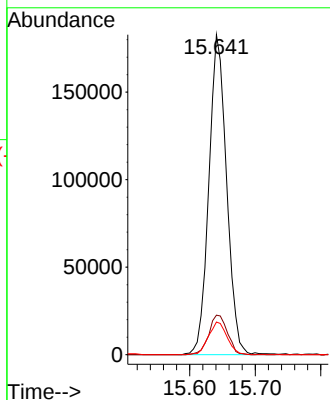
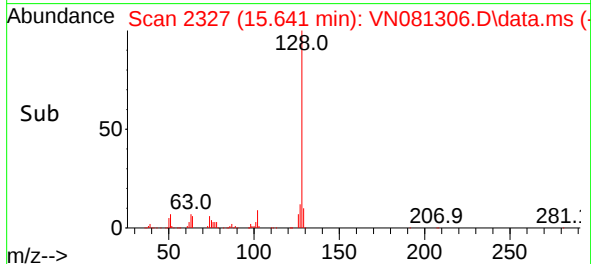
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 343718
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.265 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081306.D
Acq: 05 Mar 2024 12:48

Tgt Ion:180 Resp: 94271
Ion Ratio Lower Upper
180 100
182 94.3 46.5 139.3
145 35.6 17.8 53.4

