

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081455.D
 Acq On : 18 Mar 2024 17:15
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 19 05:44:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	424209	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	733939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	645685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	49587	9.166	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.340%#		
35) Dibromofluoromethane	8.171	113	40421	8.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	17.460%#		
50) Toluene-d8	10.565	98	142620	8.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.040%#		
62) 4-Bromofluorobenzene	12.853	95	47904	8.120	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	16.240%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	53905	9.437	ug/l	99
3) Chloromethane	2.359	50	56056	9.857	ug/l	97
4) Vinyl Chloride	2.518	62	62535	9.798	ug/l	90
5) Bromomethane	2.965	94	44535	9.867	ug/l	92
6) Chloroethane	3.130	64	42441	9.685	ug/l	94
7) Trichlorofluoromethane	3.500	101	92294	9.703	ug/l	91
8) Diethyl Ether	3.959	74	31920	10.140	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	52146	9.648	ug/l #	87
10) Methyl Iodide	4.589	142	47551	8.835	ug/l #	95
11) Tert butyl alcohol	5.518	59	48628	51.581	ug/l	97
12) 1,1-Dichloroethene	4.342	96	47736	9.535	ug/l	81
13) Acrolein	4.189	56	44873	53.044	ug/l	98
14) Allyl chloride	5.030	41	62387	9.945	ug/l #	82
15) Acrylonitrile	5.718	53	126151	50.018	ug/l	96
16) Acetone	4.430	43	91976	52.608	ug/l	99
17) Carbon Disulfide	4.718	76	141363	9.840	ug/l #	95
18) Methyl Acetate	5.024	43	57094	10.593	ug/l #	85
19) Methyl tert-butyl Ether	5.806	73	154501	9.861	ug/l #	87
20) Methylene Chloride	5.277	84	55400	9.674	ug/l #	80
21) trans-1,2-Dichloroethene	5.788	96	51579	9.240	ug/l	85
22) Diisopropyl ether	6.671	45	147242	10.102	ug/l #	83
23) Vinyl Acetate	6.606	43	578064	49.823	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	96408	9.875	ug/l #	92
25) 2-Butanone	7.488	43	153160	51.075	ug/l	99
26) 2,2-Dichloropropane	7.488	77	81376	9.610	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	58580	9.275	ug/l	87
28) Bromochloromethane	7.812	49	37532	9.439	ug/l #	58
29) Tetrahydrofuran	7.841	42	101896	50.440	ug/l #	78
30) Chloroform	7.971	83	102345	9.793	ug/l	98
31) Cyclohexane	8.259	56	88062	10.003	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	93070	9.815	ug/l #	87
36) 1,1-Dichloropropene	8.371	75	75994	9.749	ug/l	96
37) Ethyl Acetate	7.559	43	62914	9.426	ug/l #	95
38) Carbon Tetrachloride	8.365	117	80386	9.414	ug/l	89
39) Methylcyclohexane	9.600	83	81891	9.407	ug/l #	92
40) Benzene	8.606	78	219110	9.615	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	37135	10.520	ug/l	91
42) 1,2-Dichloroethane	8.671	62	77948	9.719	ug/l	99
43) Isopropyl Acetate	8.688	43	106576	9.633	ug/l #	90
44) Trichloroethene	9.353	130	58877	9.186	ug/l	91
45) 1,2-Dichloropropane	9.624	63	54853	9.932	ug/l	97
46) Dibromomethane	9.712	93	40457	9.646	ug/l #	88
47) Bromodichloromethane	9.888	83	80546	9.822	ug/l #	92
48) Methyl methacrylate	9.676	41	51495	10.091	ug/l	88
49) 1,4-Dioxane	9.700	88	24808	202.285	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	333267	49.363	ug/l	93
52) Toluene	10.635	92	137634	9.502	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	82146	9.277	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	92697	9.764	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	57428	9.852	ug/l	90
56) Ethyl methacrylate	10.876	69	72606	9.582	ug/l	87
57) 1,3-Dichloropropane	11.165	76	91390	9.564	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	196212	53.495	ug/l #	88
59) 2-Hexanone	11.200	43	248643	49.813	ug/l	94
60) Dibromochloromethane	11.359	129	61761	9.634	ug/l	97
61) 1,2-Dibromoethane	11.470	107	55811	9.391	ug/l	94
64) Tetrachloroethene	11.106	164	58865	9.538	ug/l	87
65) Chlorobenzene	11.894	112	148638	9.738	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	55292	9.774	ug/l	97
67) Ethyl Benzene	11.965	91	256194	9.662	ug/l	94
68) m/p-Xylenes	12.076	106	195053	19.623	ug/l	94
69) o-Xylene	12.400	106	93184	9.549	ug/l	95
70) Styrene	12.412	104	151539	9.629	ug/l	95
71) Bromoform	12.582	173	41148	9.679	ug/l #	96
73) Isopropylbenzene	12.700	105	239864	9.790	ug/l	96
74) N-amyl acetate	12.494	43	86483	9.753	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	70925	9.845	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	68399m	9.971	ug/l	
77) Bromobenzene	12.982	156	58632	9.687	ug/l	73
78) n-propylbenzene	13.035	91	278343	9.619	ug/l	94
79) 2-Chlorotoluene	13.129	91	171682	9.913	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	202896	10.026	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	23355	9.179	ug/l #	82
82) 4-Chlorotoluene	13.223	91	166678	9.762	ug/l	94
83) tert-Butylbenzene	13.441	119	166239	9.526	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	202670	9.964	ug/l	95
85) sec-Butylbenzene	13.617	105	244580	9.804	ug/l	93
86) p-Isopropyltoluene	13.729	119	200275	9.821	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	110086	9.899	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	111629	9.694	ug/l	97
89) n-Butylbenzene	14.059	91	171948	9.509	ug/l	96
90) Hexachloroethane	14.335	117	36094	9.346	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	107465	10.040	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15233	9.936	ug/l	69
93) 1,2,4-Trichlorobenzene	15.394	180	57476	9.287	ug/l	99
94) Hexachlorobutadiene	15.500	225	25549	9.409	ug/l	98
95) Naphthalene	15.647	128	189371	9.443	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	59497	9.558	ug/l	98

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MSVOA_N
ClientSampleId :
VSTDIC010

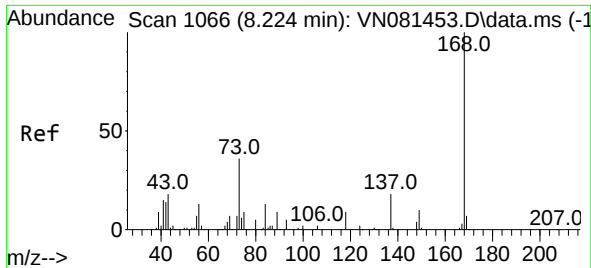
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/19/2024

Quant Time: Mar 19 05:44:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 05:35:05 2024
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

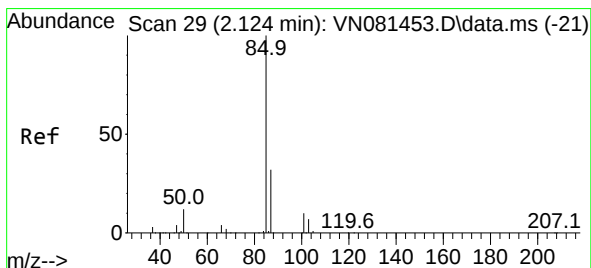
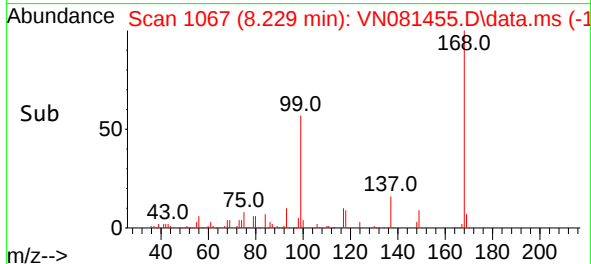
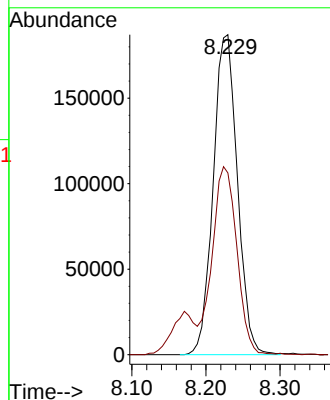
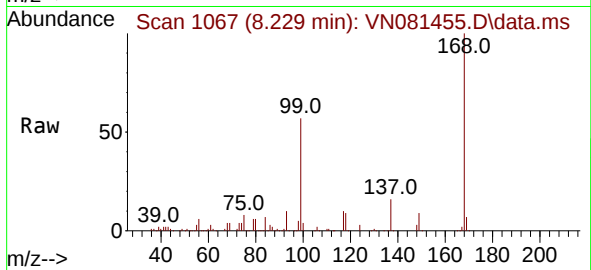
Tgt Ion:168 Resp: 424209
Ion Ratio Lower Upper
168 100
99 56.3 59.9 89.9

Manual Integrations

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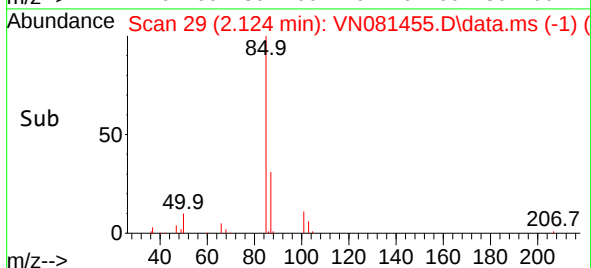
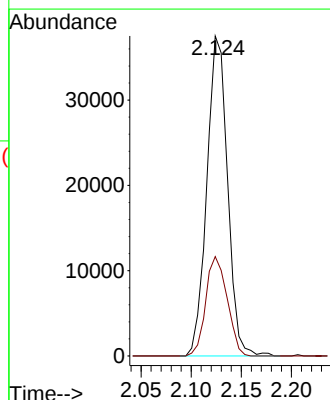
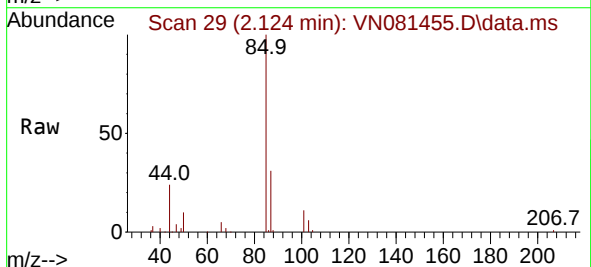
Reviewed By :John Carlone 03/19/2024

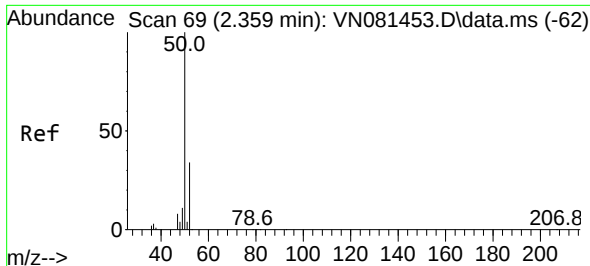
Supervised By :Mahesh Dadoda 03/19/2024



#2
Dichlorodifluoromethane
Concen: 9.437 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

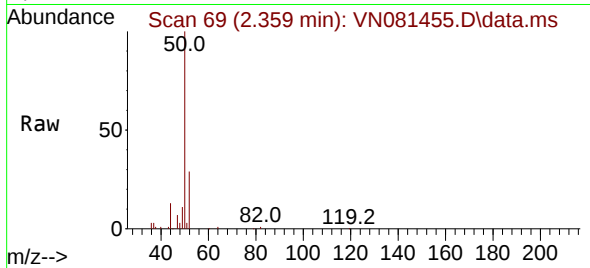
Tgt Ion: 85 Resp: 53905
Ion Ratio Lower Upper
85 100
87 31.0 15.3 45.9





#3
Chloromethane
Concen: 9.857 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

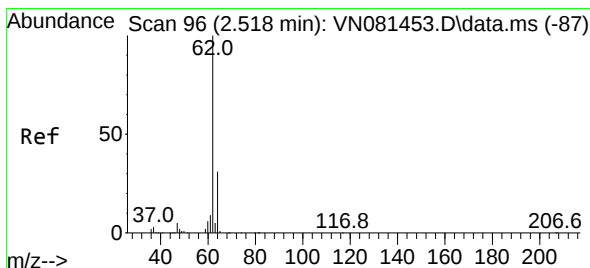
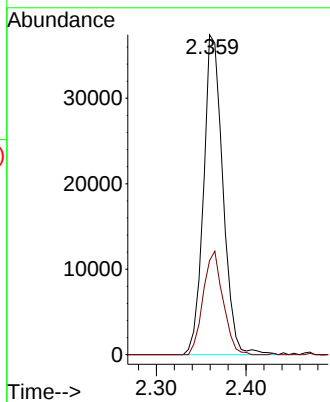
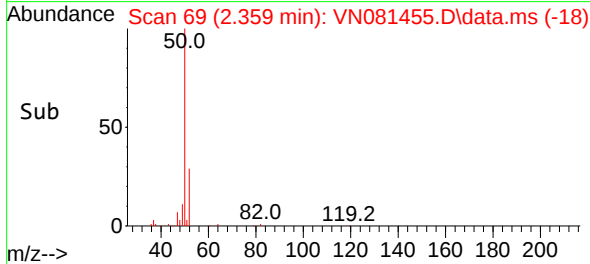
Instrument :
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ClientSampleId :
VSTDIC010



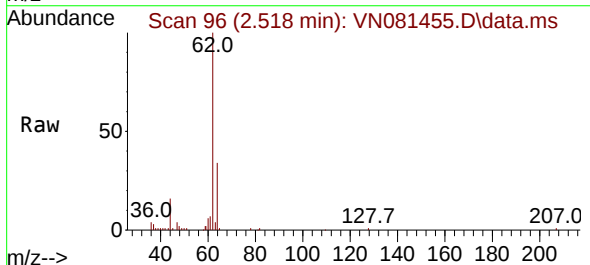
Tgt Ion: 50 Resp: 56050
Ion Ratio Lower Upper
50 100
52 29.4 25.0 37.4

Manual Integrations
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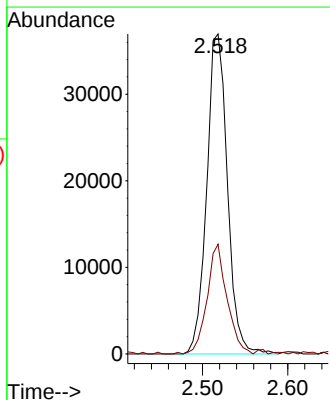
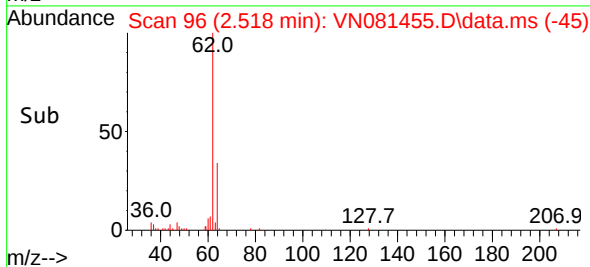
Reviewed By :John Carlone 03/19/2024
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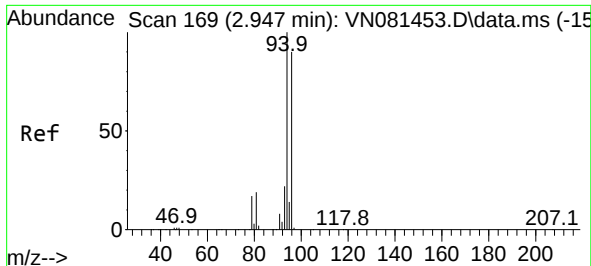


#4
Vinyl Chloride
Concen: 9.798 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15



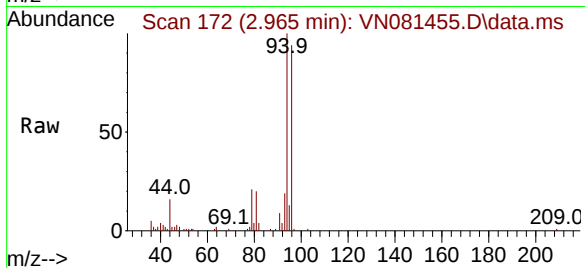
Tgt Ion: 62 Resp: 62535
Ion Ratio Lower Upper
62 100
64 33.8 22.7 34.1





#5
Bromomethane
Concen: 9.867 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

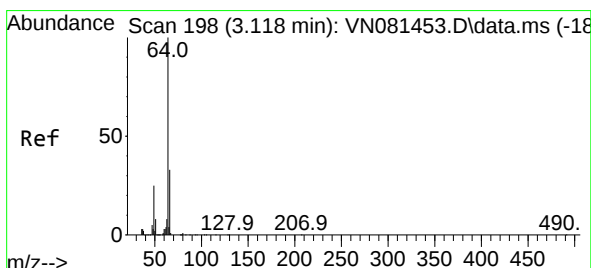
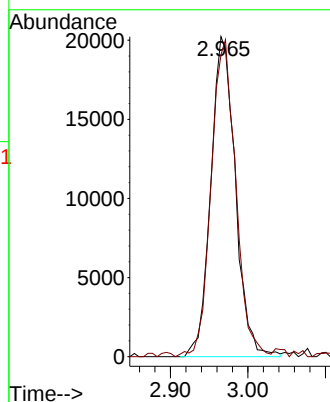
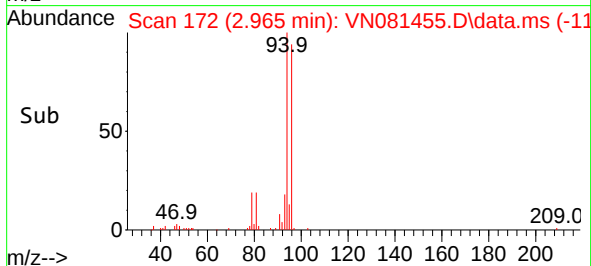
Instrument :
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Tgt Ion: 94 Resp: 4453
Ion Ratio Lower Upper
94 100
96 93.6 69.2 103.8

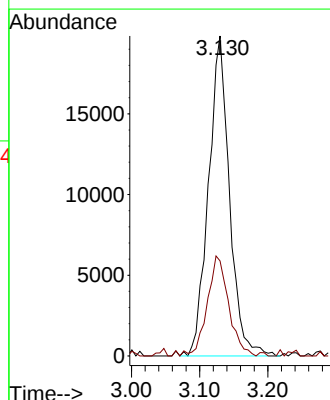
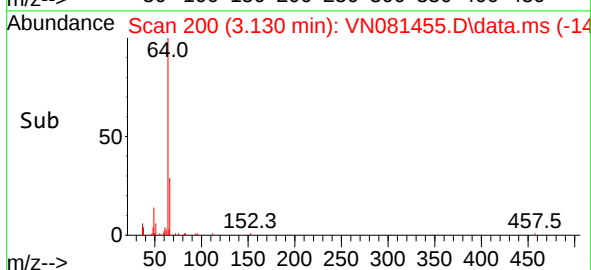
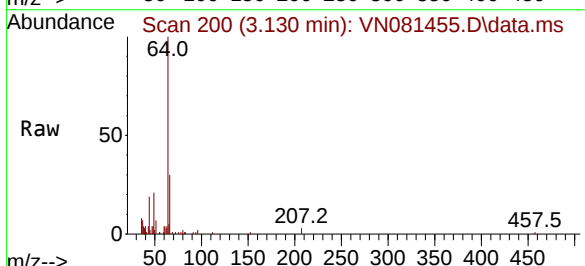
Manual Integrations
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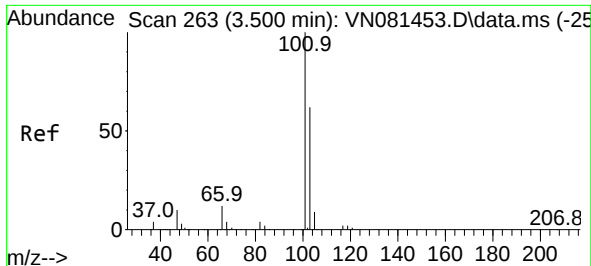
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#6
Chloroethane
Concen: 9.685 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

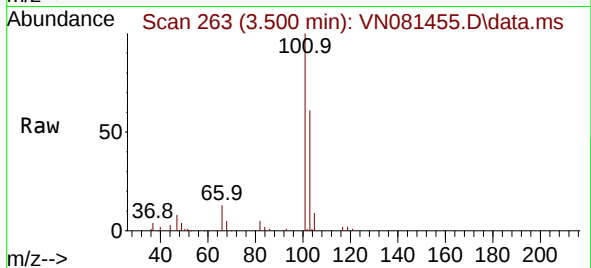
Tgt Ion: 64 Resp: 42441
Ion Ratio Lower Upper
64 100
66 29.7 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 9.703 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

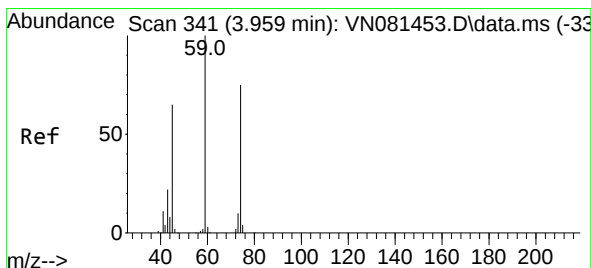
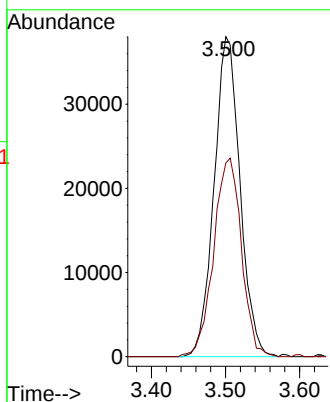
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 101 Resp: 92294
 Ion Ratio Lower Upper
 101 100
 103 60.6 54.4 81.6

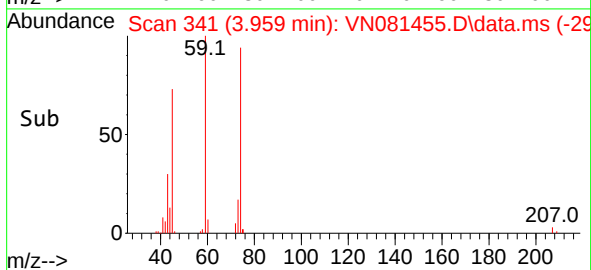
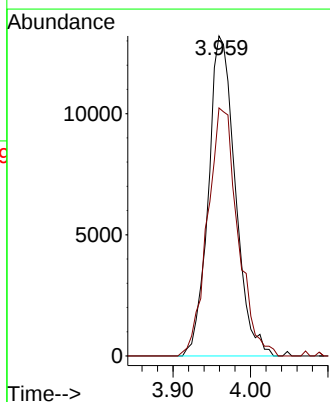
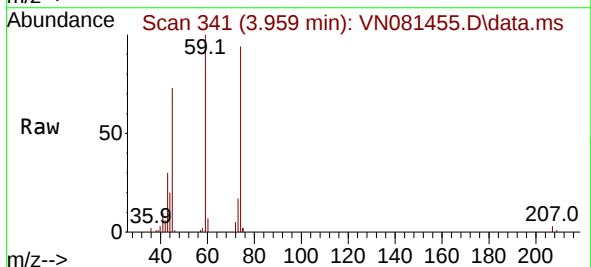
Manual Integrations
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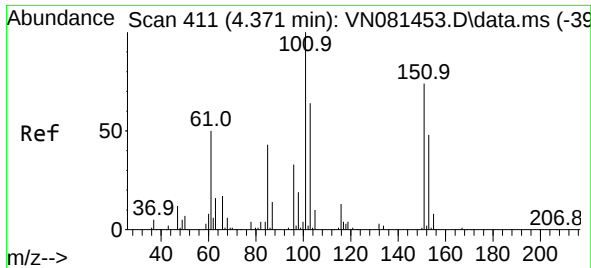
Reviewed By : John Carlone 03/19/2024
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#8
 Diethyl Ether
 Concen: 10.140 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

Tgt Ion: 74 Resp: 31920
 Ion Ratio Lower Upper
 74 100
 45 87.4 53.3 159.9





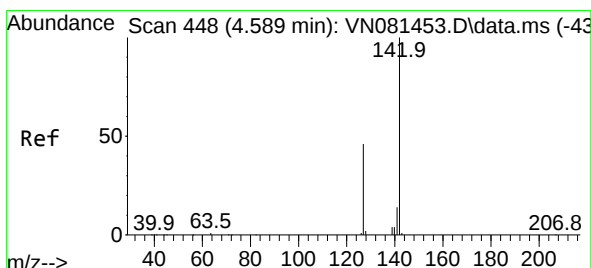
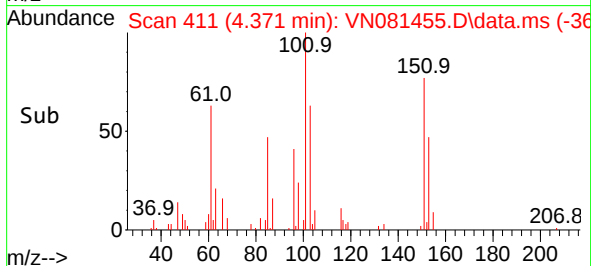
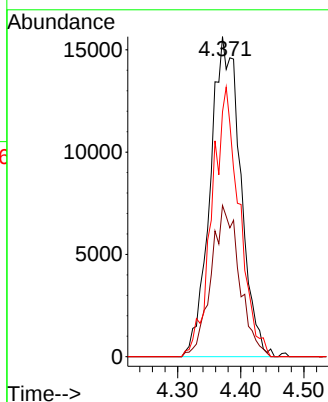
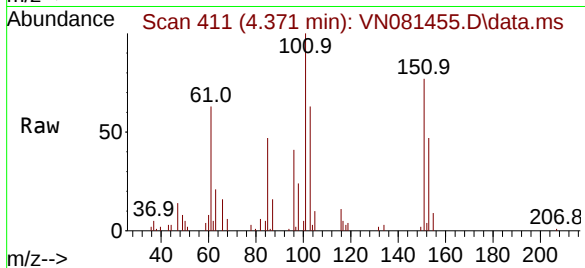
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.648 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
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VSTDIC010

Tgt Ion:101 Resp: 52140
Ion Ratio Lower Upper
101 100
85 44.4 38.1 57.1
151 76.2 49.1 73.7

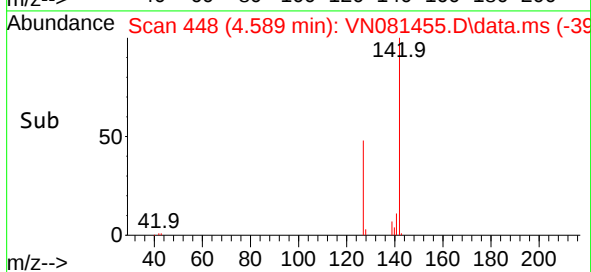
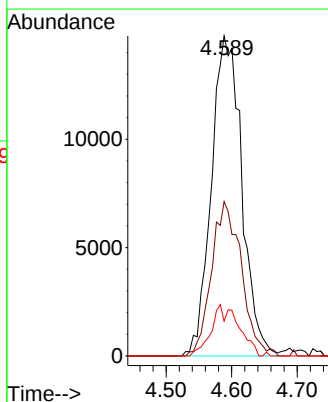
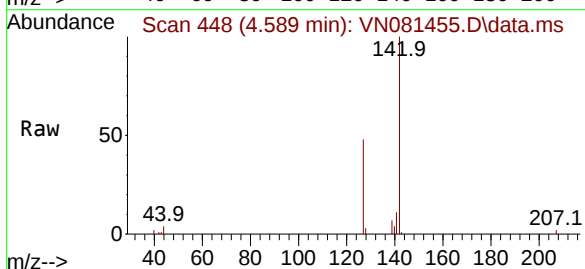
Manual Integrations
APPROVED

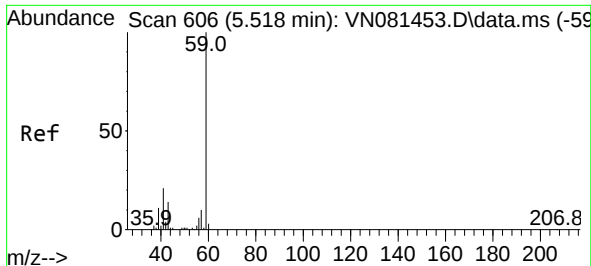
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#10
Methyl Iodide
Concen: 8.835 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

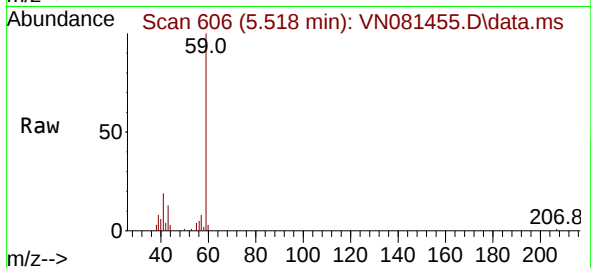
Tgt Ion:142 Resp: 47551
Ion Ratio Lower Upper
142 100
127 48.3 37.0 55.4
141 10.9 12.5 18.7





#11
Tert butyl alcohol
Concen: 51.581 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

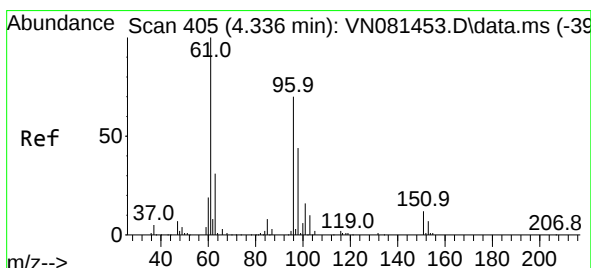
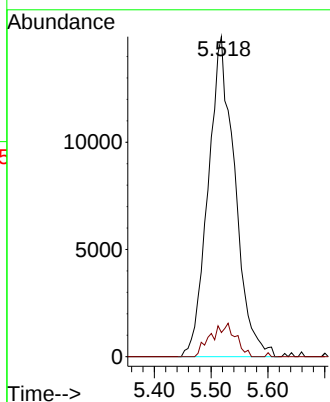
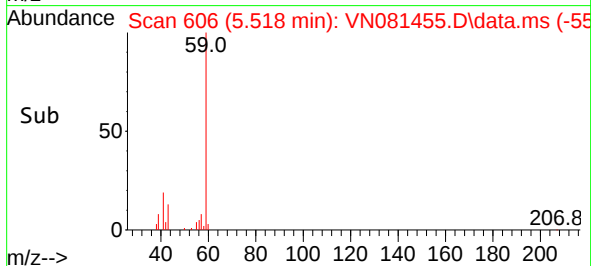
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



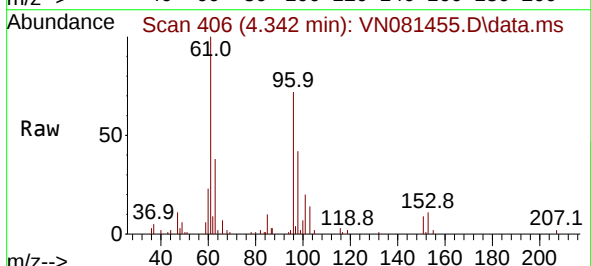
Tgt Ion: 59 Resp: 48628
Ion Ratio Lower Upper
59 100
57 9.7 8.6 12.8

Manual Integrations
APPROVED

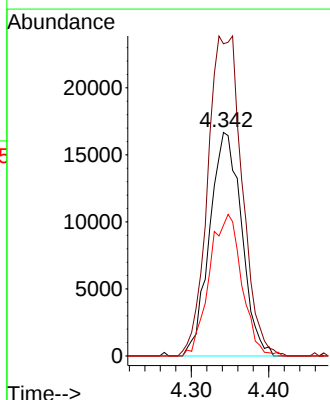
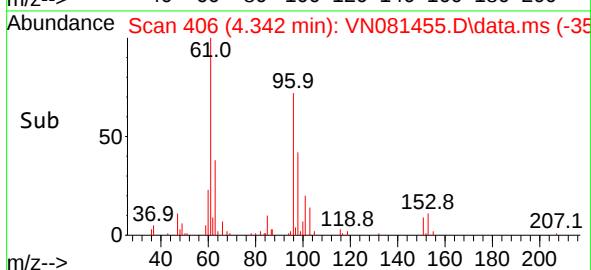
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

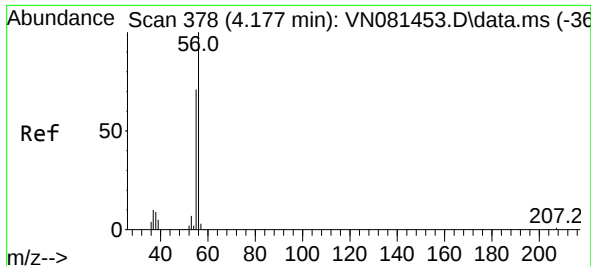


#12
1,1-Dichloroethene
Concen: 9.535 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15



Tgt Ion: 96 Resp: 47736
Ion Ratio Lower Upper
96 100
61 139.6 138.2 207.4
98 58.5 49.2 73.8





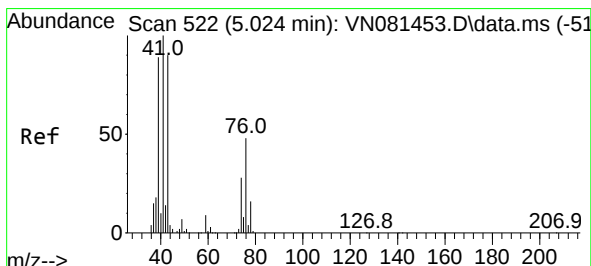
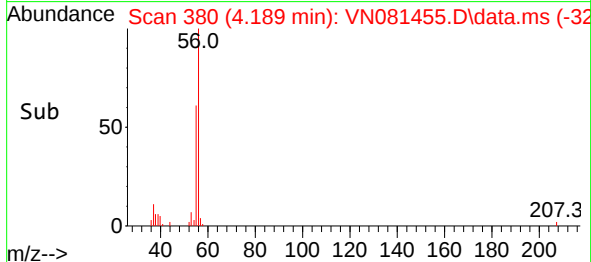
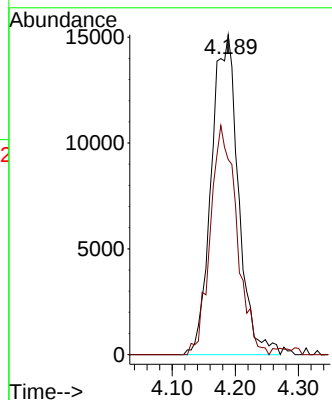
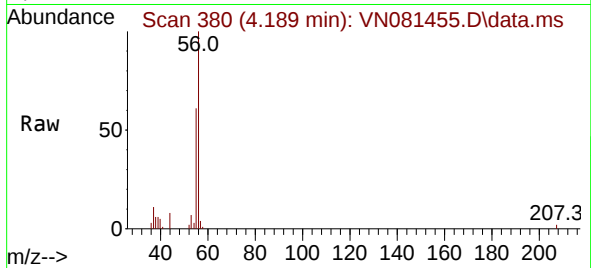
#13
Acrolein
Concen: 53.044 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 4487
Ion Ratio Lower Upper
56 100
55 70.4 55.3 82.9

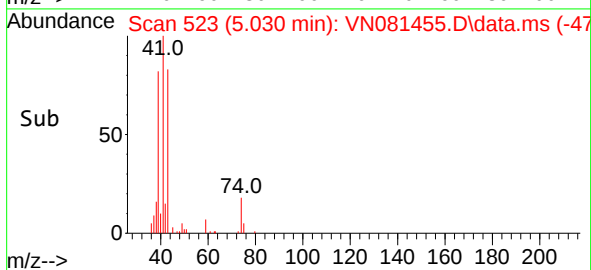
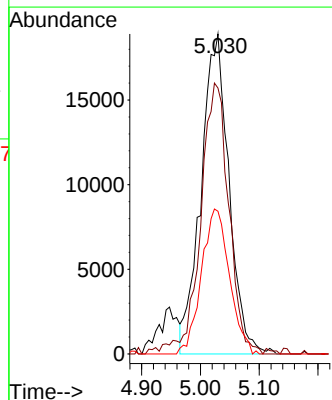
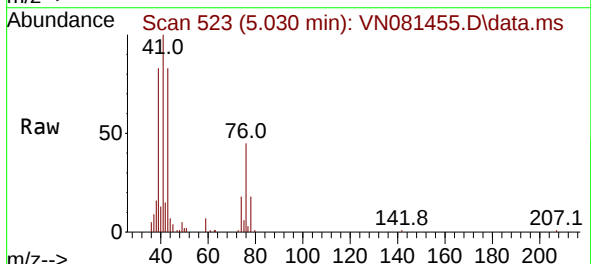
Manual Integrations
APPROVED

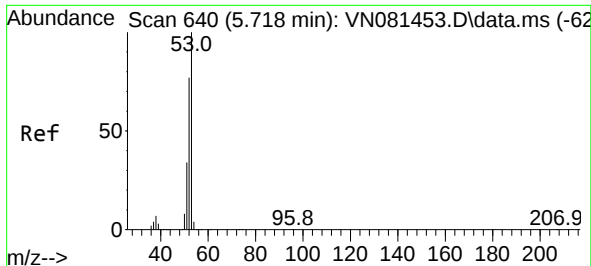
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#14
Allyl chloride
Concen: 9.945 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

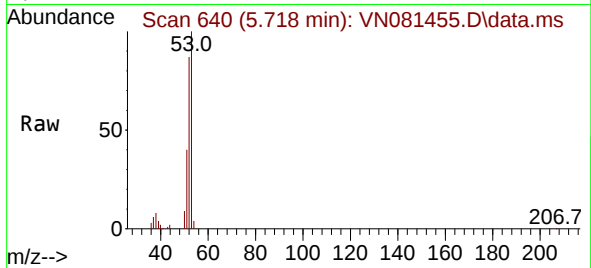
Tgt Ion: 41 Resp: 62387
Ion Ratio Lower Upper
41 100
39 85.6 57.7 86.5
76 45.5 26.8 40.2#





#15
Acrylonitrile
Concen: 50.018 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

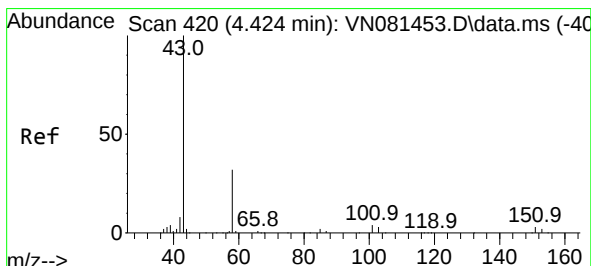
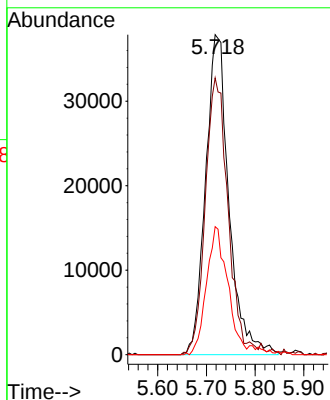
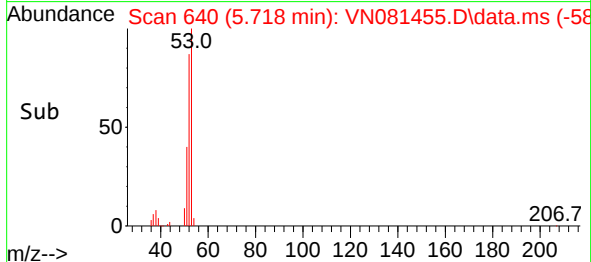
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 12615
Ion Ratio Lower Upper
53 100
52 83.8 64.8 97.2
51 36.1 26.9 40.3

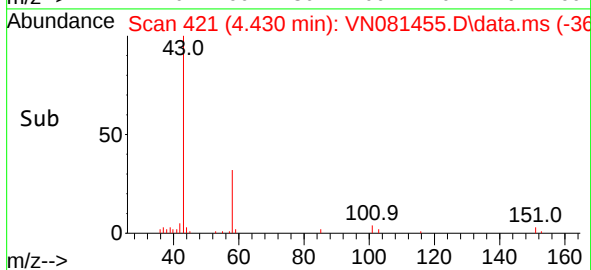
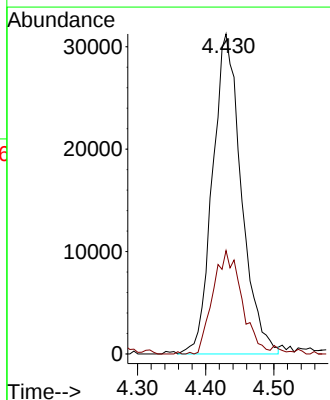
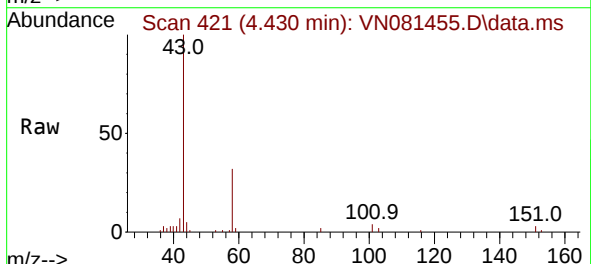
Manual Integrations
APPROVED

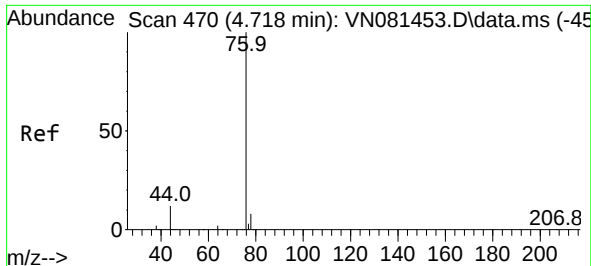
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#16
Acetone
Concen: 52.608 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

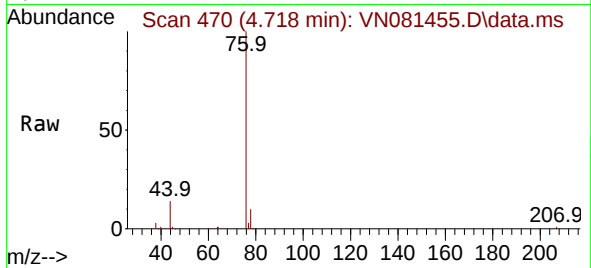
Tgt Ion: 43 Resp: 91976
Ion Ratio Lower Upper
43 100
58 31.6 24.8 37.2





#17
Carbon Disulfide
Concen: 9.840 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

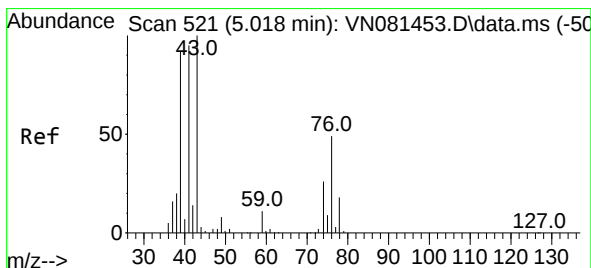
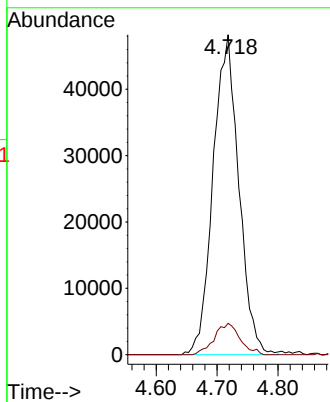
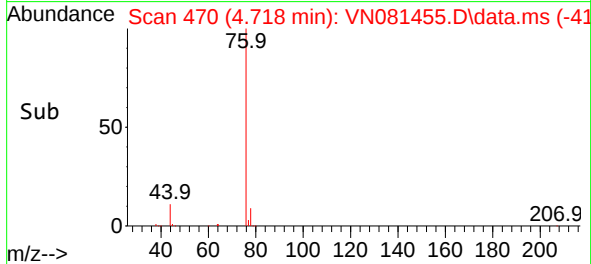
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



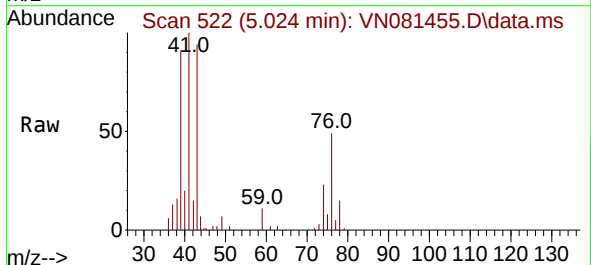
Tgt Ion: 76 Resp: 14136
Ion Ratio Lower Upper
76 100
78 9.8 6.3 9.5

Manual Integrations
APPROVED

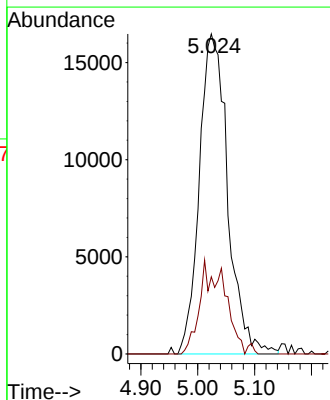
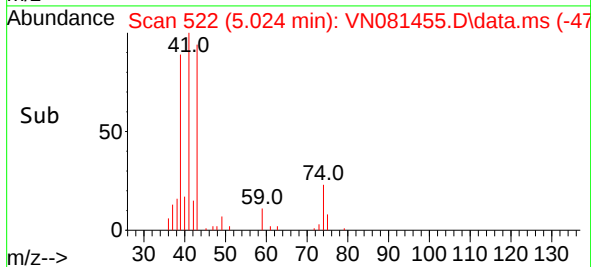
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

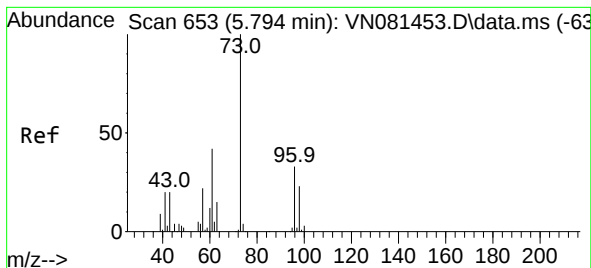


#18
Methyl Acetate
Concen: 10.593 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15



Tgt Ion: 43 Resp: 57094
Ion Ratio Lower Upper
43 100
74 14.5 17.3 25.9





#19

Methyl tert-butyl Ether

Concen: 9.861 ug/l

RT: 5.806 min Scan# 653

Delta R.T. 0.012 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 15450

Ion Ratio Lower Upper

73 100

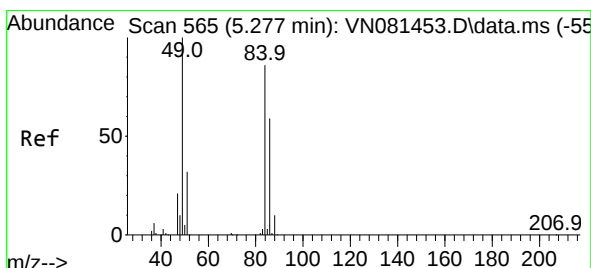
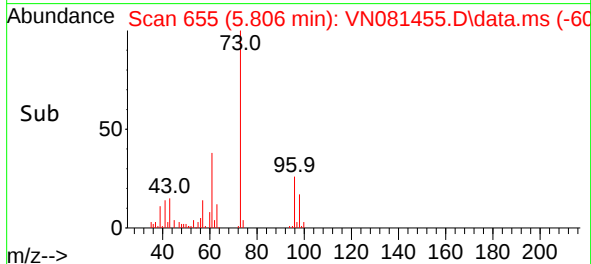
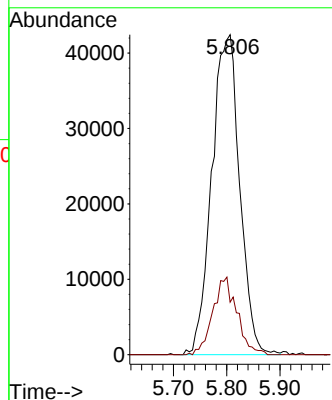
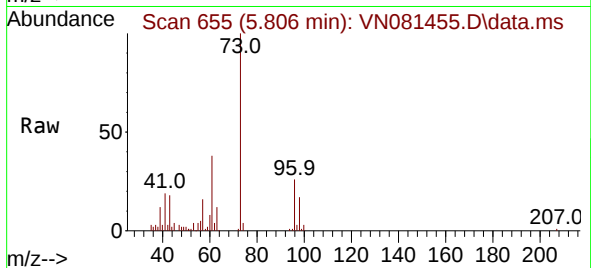
57 16.4 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#20

Methylene Chloride

Concen: 9.674 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Tgt Ion: 84 Resp: 55400

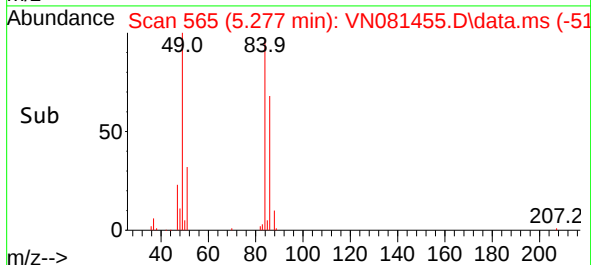
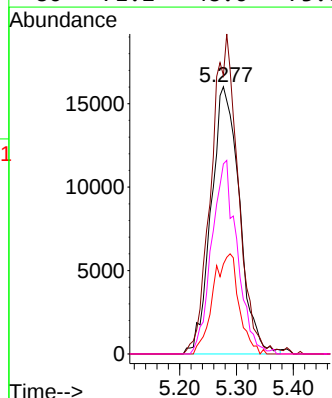
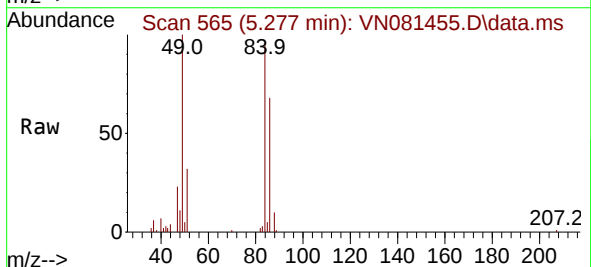
Ion Ratio Lower Upper

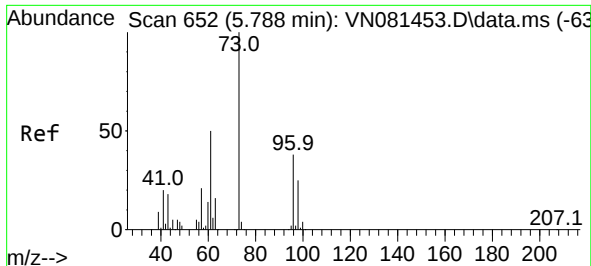
84 100

49 104.3 108.1 162.1

51 33.7 32.9 49.3

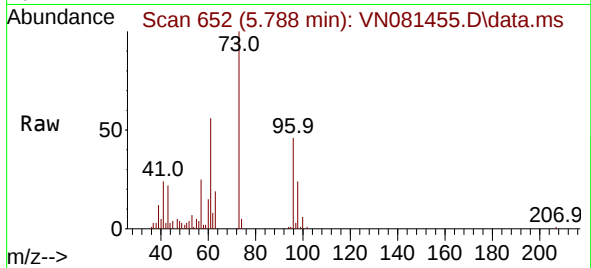
86 71.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 9.240 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

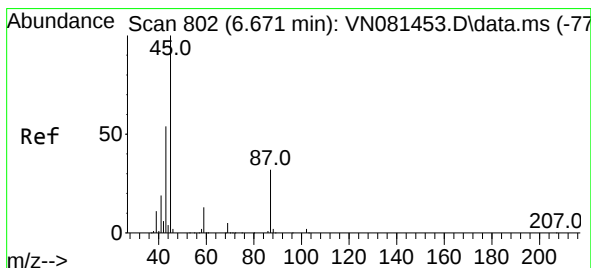
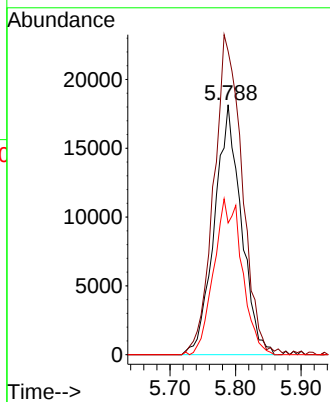
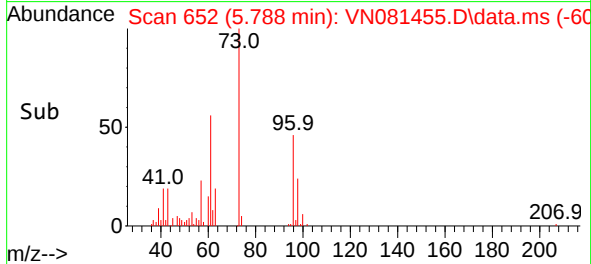
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 51579
Ion Ratio Lower Upper
96 100
61 121.4 112.8 169.2
98 52.7 51.0 76.4

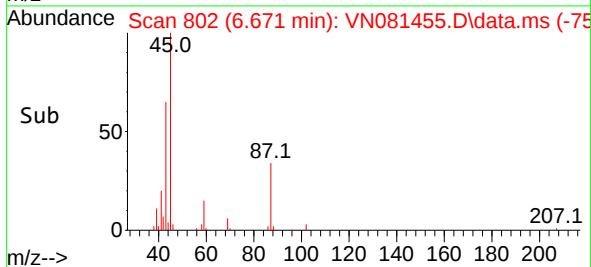
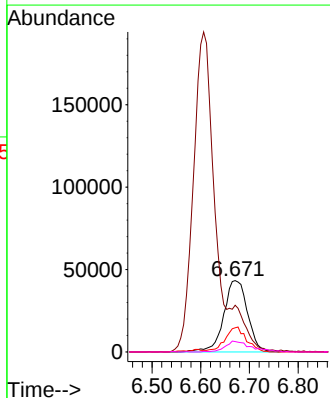
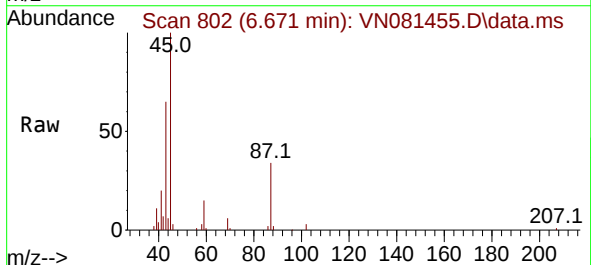
Manual Integrations
APPROVED

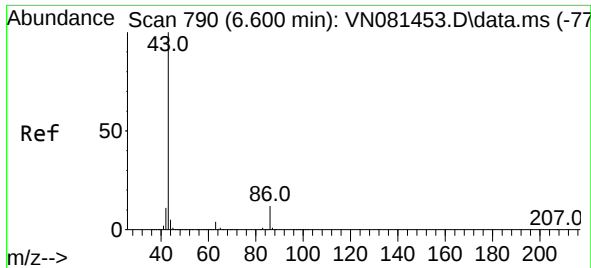
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#22
Diisopropyl ether
Concen: 10.102 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

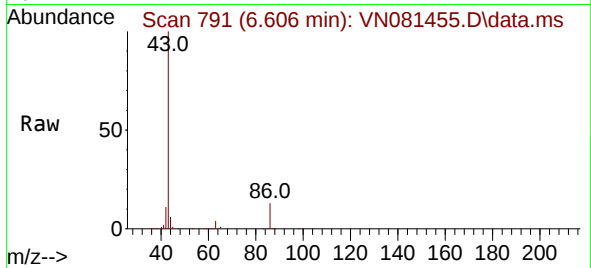
Tgt Ion: 45 Resp: 147242
Ion Ratio Lower Upper
45 100
43 63.6 41.8 62.8#
87 33.8 18.1 27.1#
59 14.6 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 49.823 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

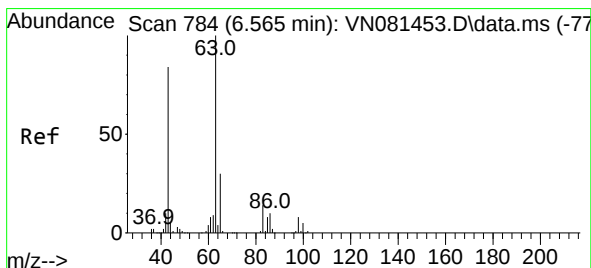
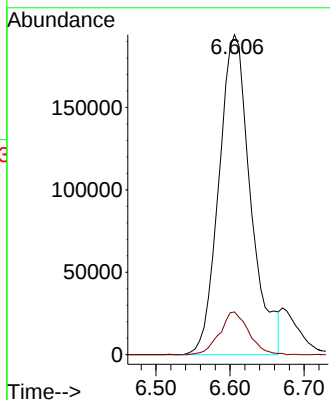
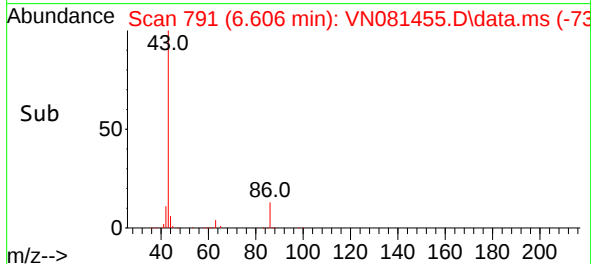
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 43 Resp: 578064
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.1 10.7

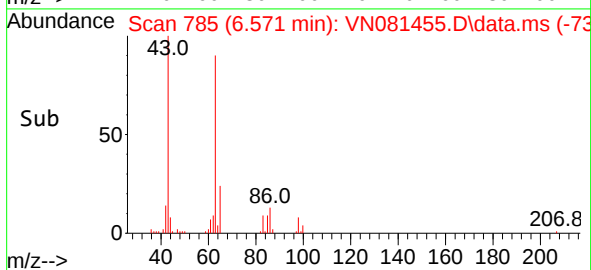
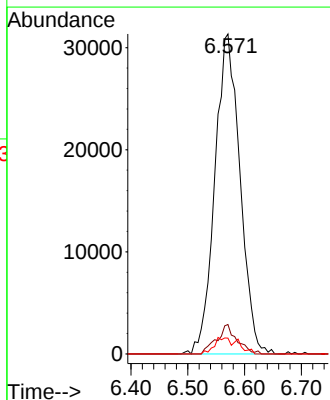
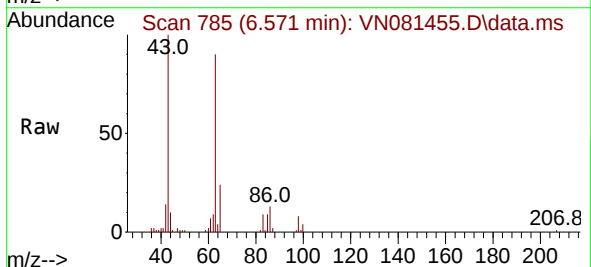
Manual Integrations
 APPROVED

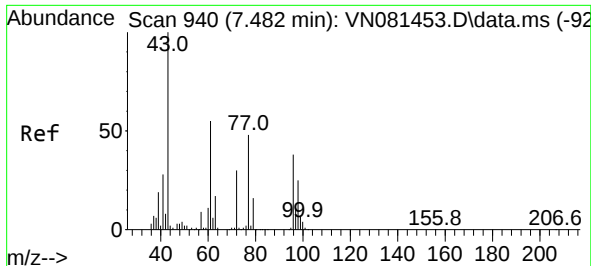
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#24
 1,1-Dichloroethane
 Concen: 9.875 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

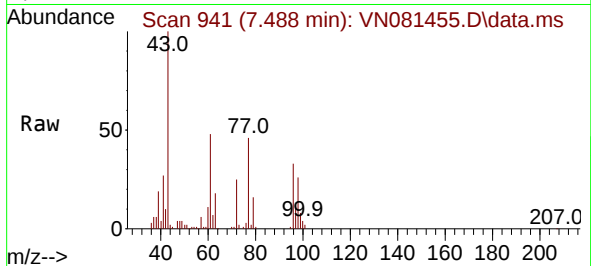
Tgt Ion: 63 Resp: 96408
 Ion Ratio Lower Upper
 63 100
 98 9.2 2.9 8.6#
 100 4.9 1.9 5.7





#25
2-Butanone
Concen: 51.075 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

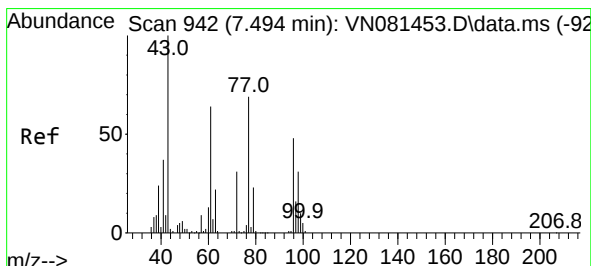
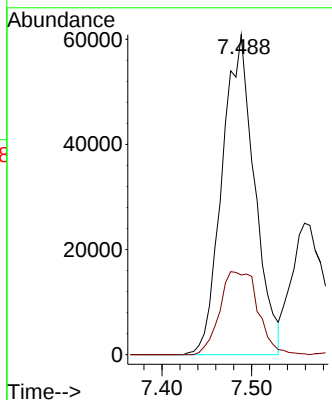
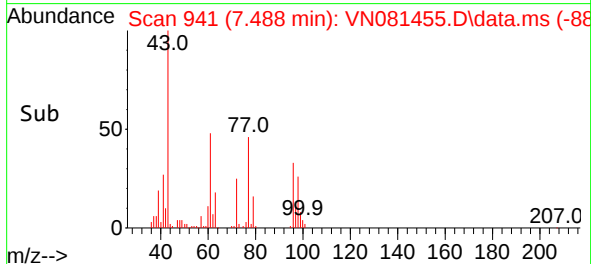
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 153160
Ion Ratio Lower Upper
43 100
72 24.9 19.5 29.3

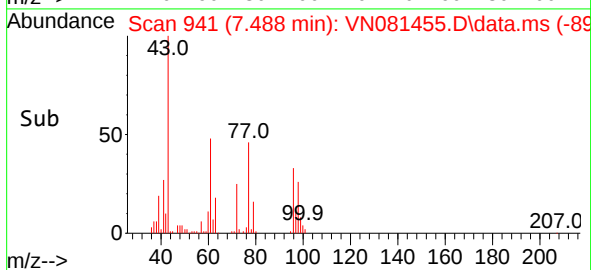
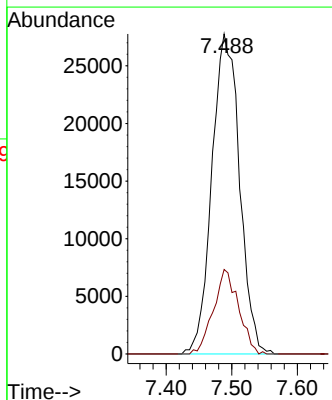
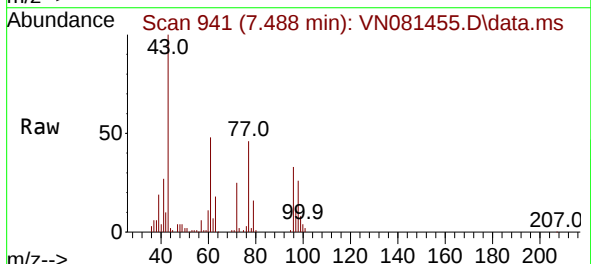
Manual Integrations
APPROVED

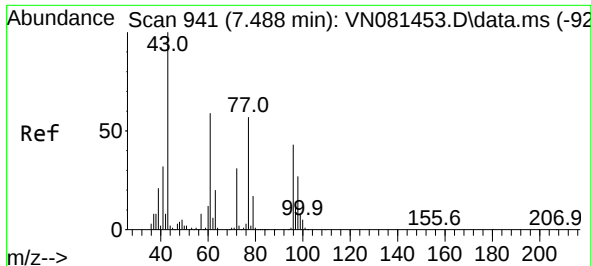
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#26
2,2-Dichloropropane
Concen: 9.610 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

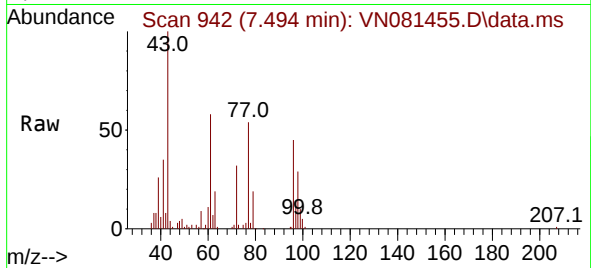
Tgt Ion: 77 Resp: 81376
Ion Ratio Lower Upper
77 100
97 23.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 9.275 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

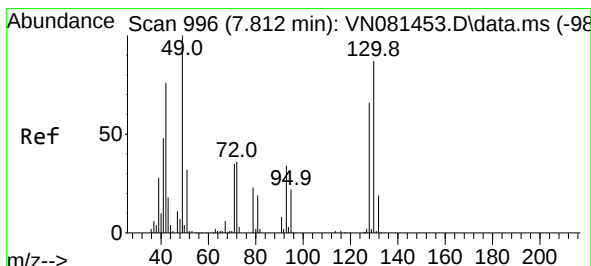
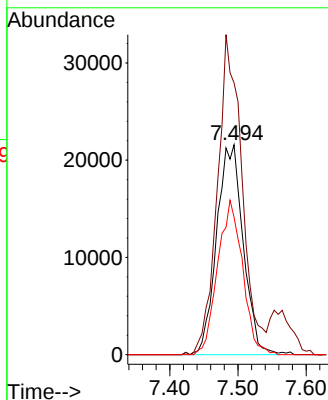
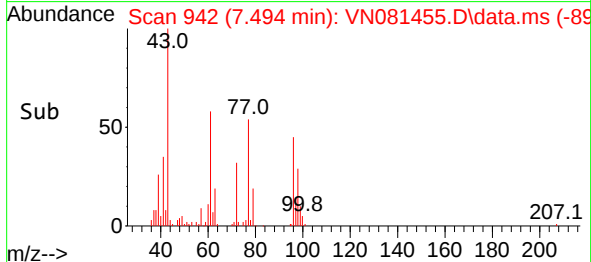
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 58580
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 325.4
 98 69.0 0.0 130.4

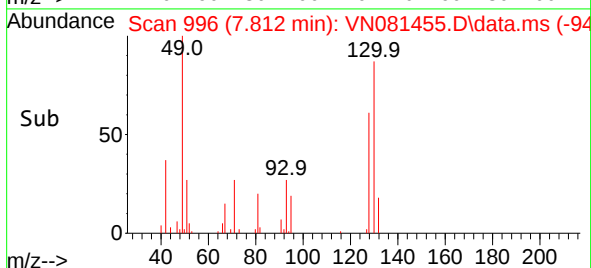
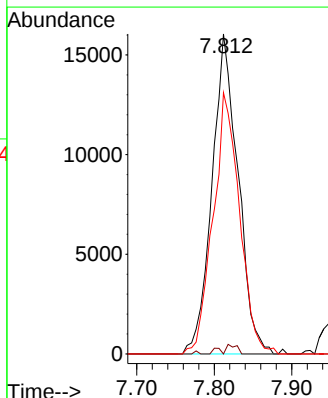
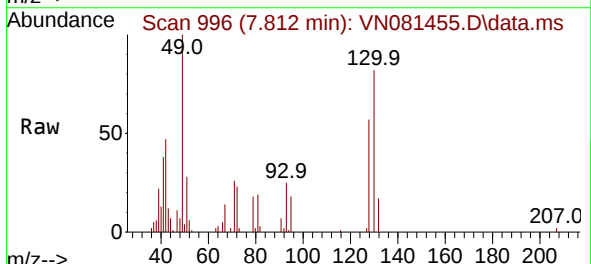
Manual Integrations
 APPROVED

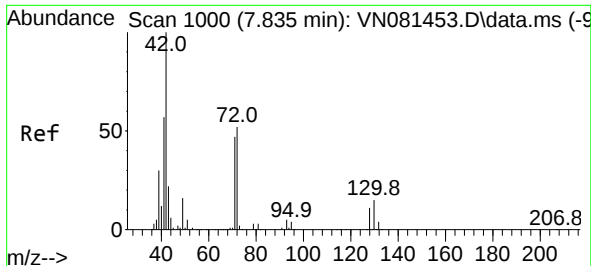
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#28
 Bromochloromethane
 Concen: 9.439 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

Tgt Ion: 49 Resp: 37532
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 1.6
 130 82.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 50.440 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

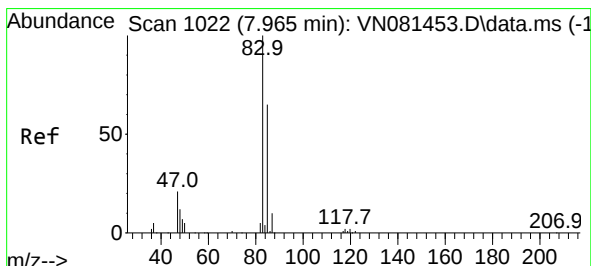
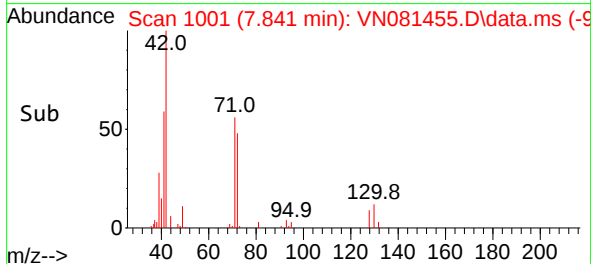
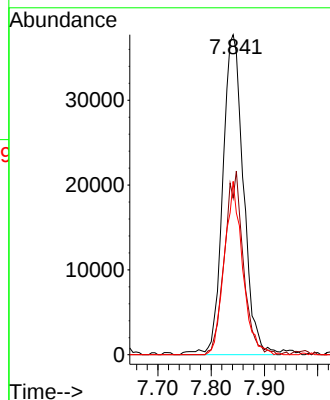
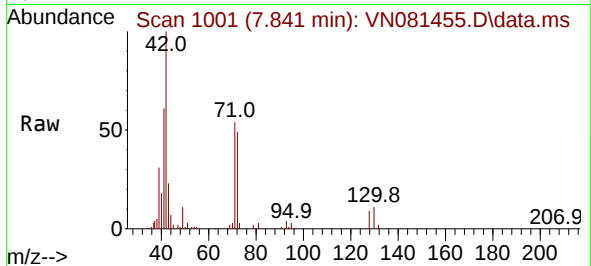
Tgt Ion:	42	Resp:	101890
Ion Ratio	Lower	Upper	
42	100		
72	52.0	31.1	46.7
71	48.0	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#30

Chloroform

Concen: 9.793 ug/l

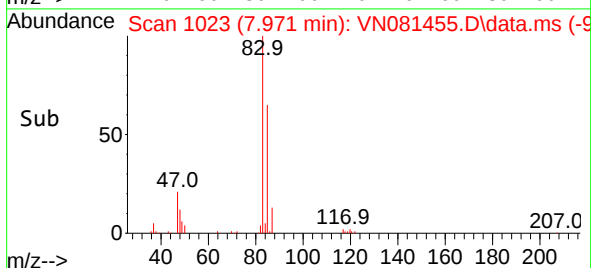
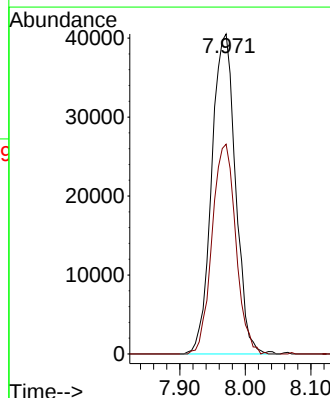
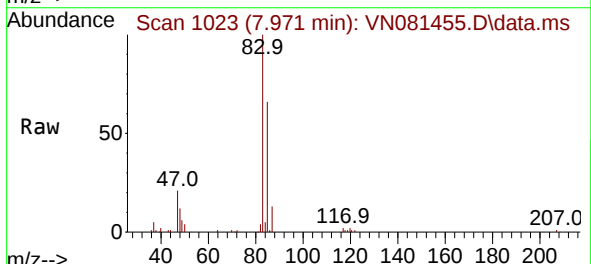
RT: 7.971 min Scan# 1023

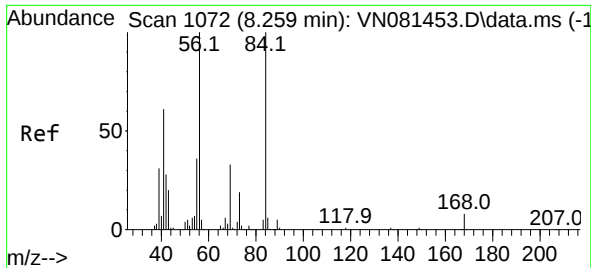
Delta R.T. 0.006 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

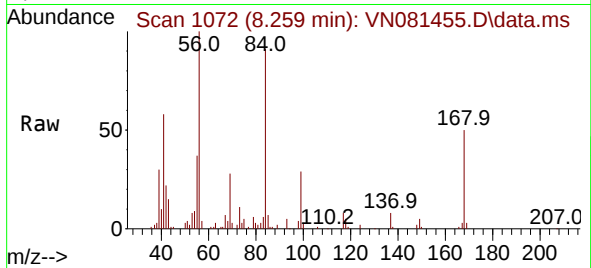
Tgt Ion:	83	Resp:	102345
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.0	76.6





#31
Cyclohexane
Concen: 10.003 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

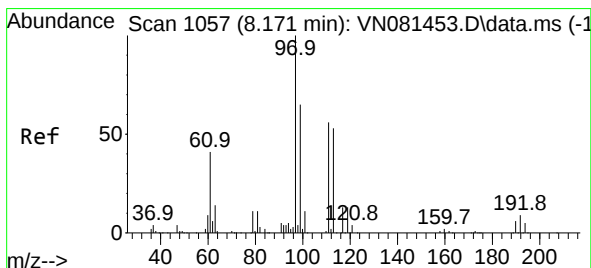
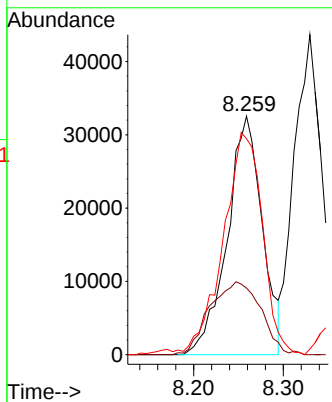
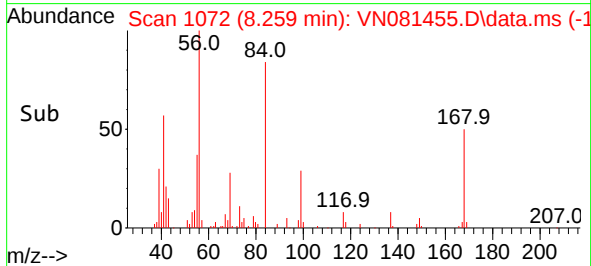
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 88062
Ion Ratio Lower Upper
56 100
69 27.1 20.1 30.1
84 88.6 56.9 85.3

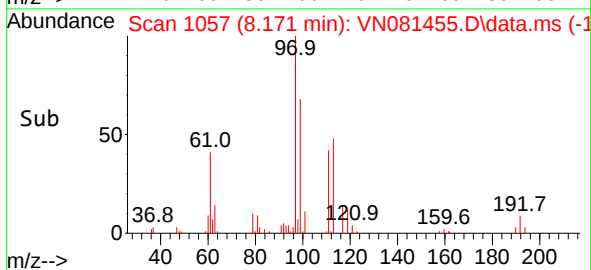
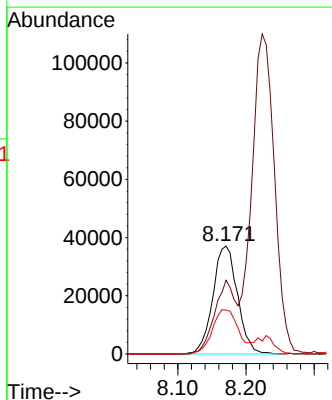
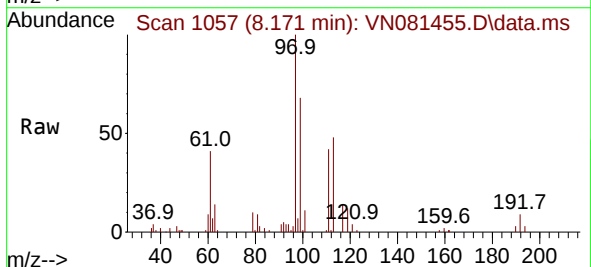
Manual Integrations
APPROVED

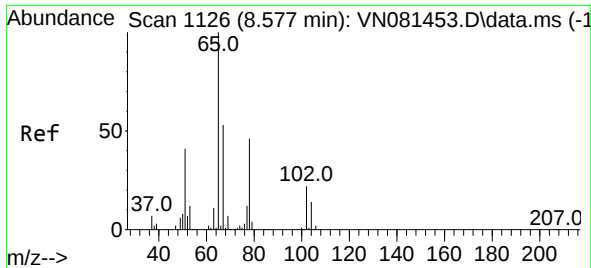
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#32
1,1,1-Trichloroethane
Concen: 9.815 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion: 97 Resp: 93070
Ion Ratio Lower Upper
97 100
99 58.6 53.4 80.0
61 43.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 9.166 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 4958

Ion Ratio Lower Upper

65 100

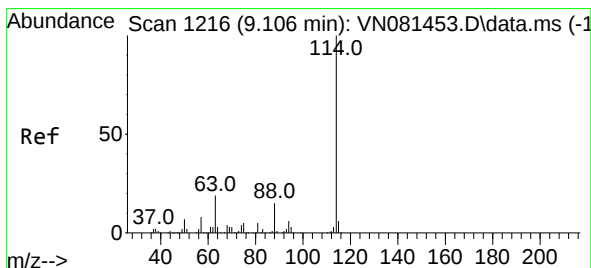
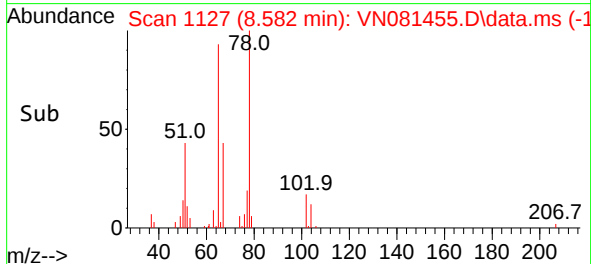
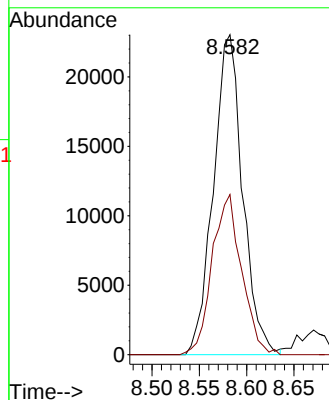
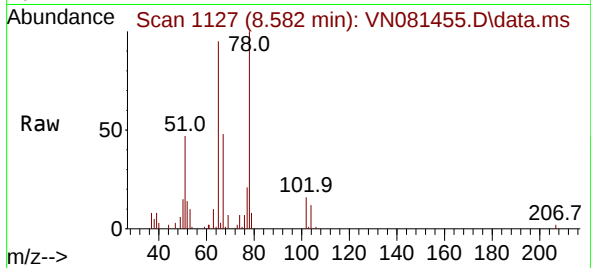
67 50.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

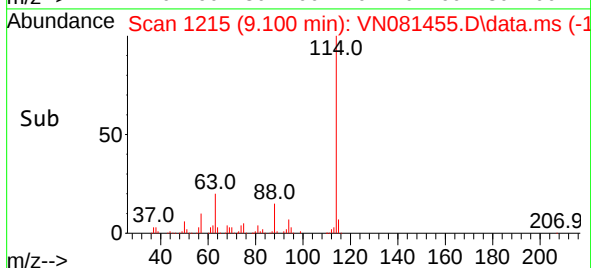
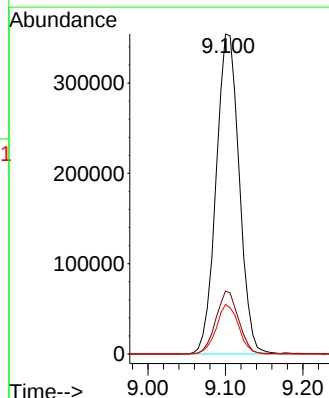
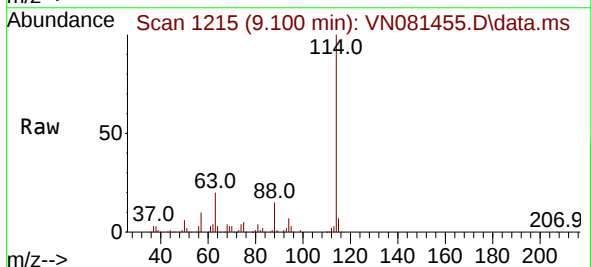
Tgt Ion:114 Resp: 733939

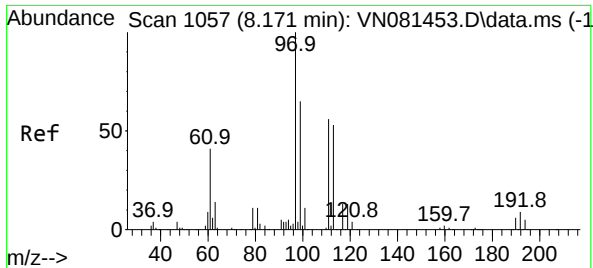
Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 15.4 0.0 34.8





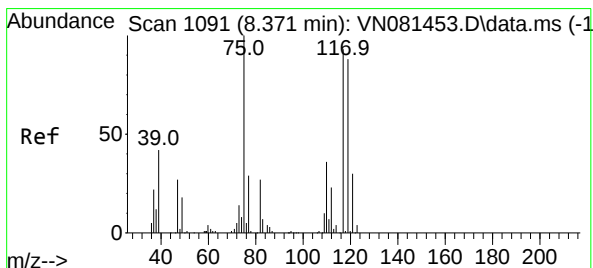
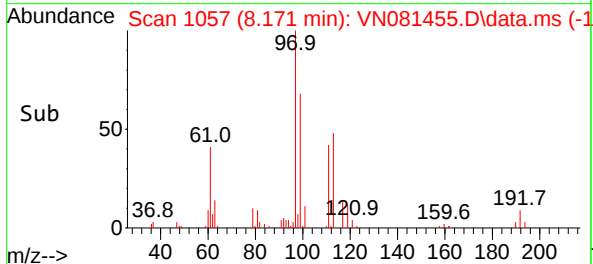
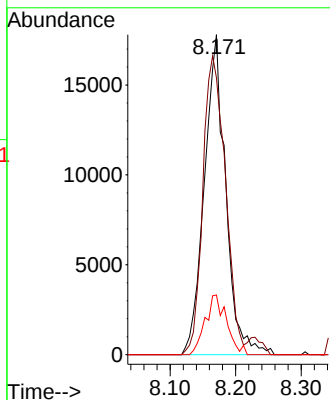
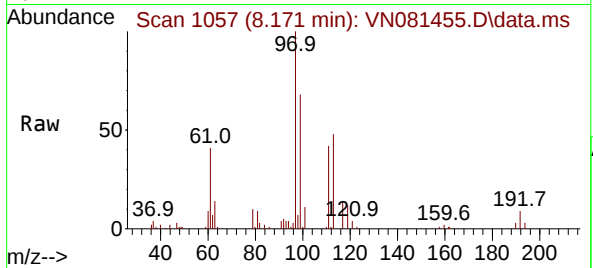
#35
Dibromofluoromethane
Concen: 8.727 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 113 Resp: 4042
Ion Ratio Lower Upper
113 100
111 97.9 82.2 123.4
192 18.6 12.5 18.7

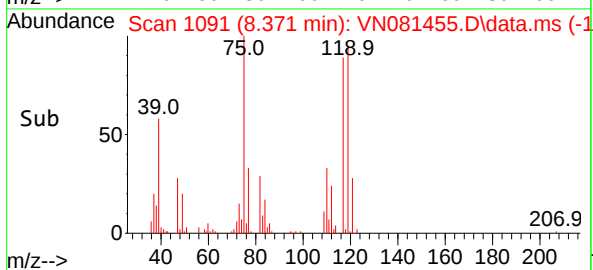
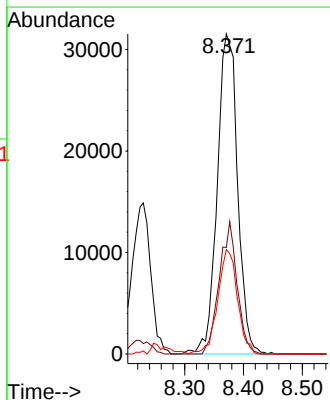
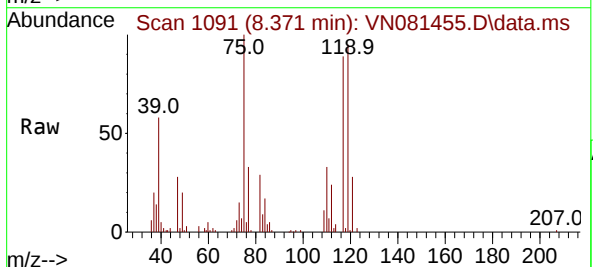
Manual Integrations
APPROVED

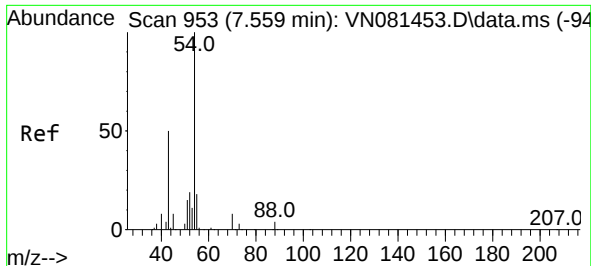
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#36
1,1-Dichloropropene
Concen: 9.749 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion: 75 Resp: 75994
Ion Ratio Lower Upper
75 100
110 36.3 16.0 48.0
77 31.6 25.8 38.6





#37

Ethyl Acetate

Concen: 9.426 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 62914

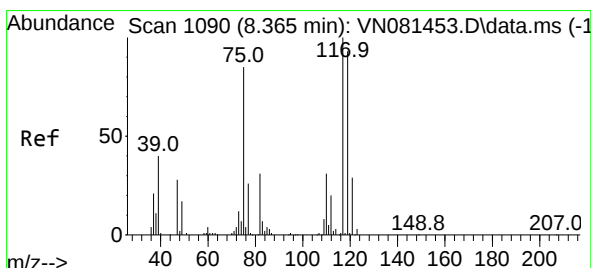
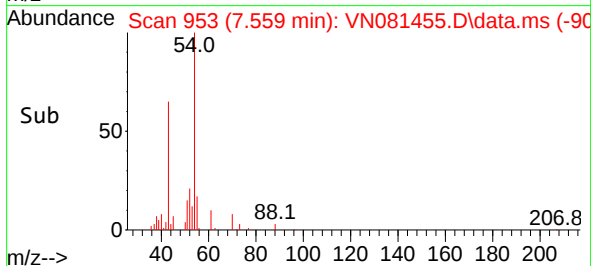
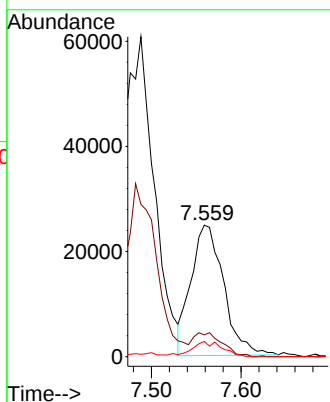
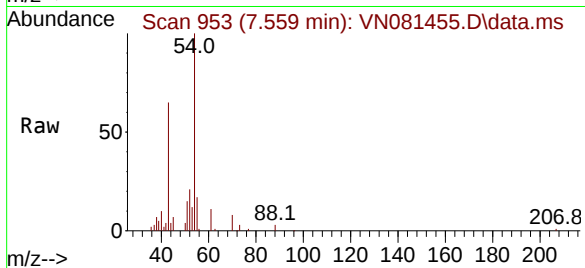
Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.6	15.8
70	10.9	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#38

Carbon Tetrachloride

Concen: 9.414 ug/l

RT: 8.365 min Scan# 1090

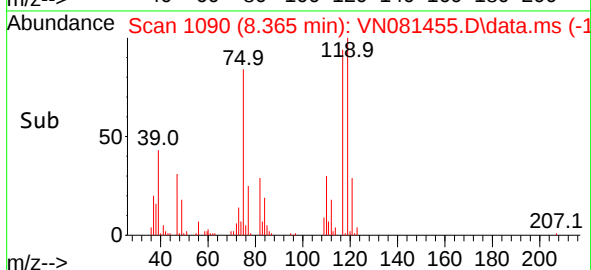
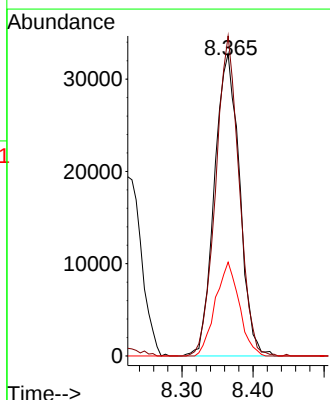
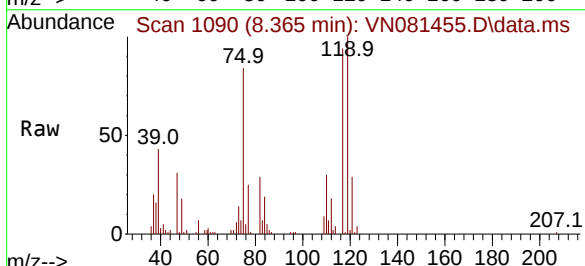
Delta R.T. 0.000 min

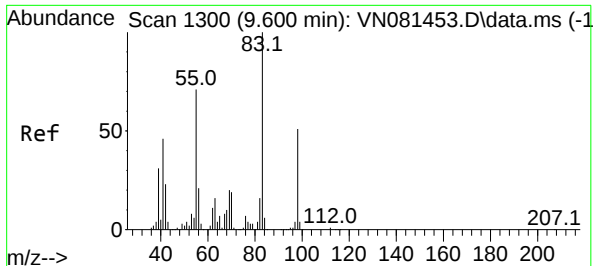
Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Tgt Ion:117 Resp: 80386

Ion	Ratio	Lower	Upper
117	100		
119	105.9	73.4	110.2
121	31.0	24.4	36.6





#39

Methylcyclohexane

Concen: 9.407 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

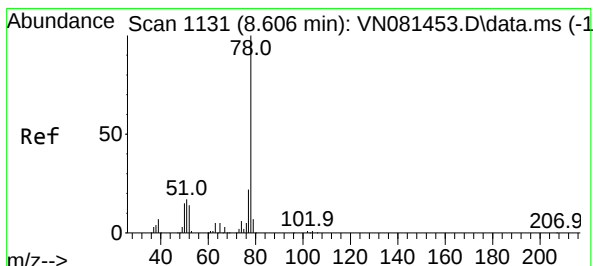
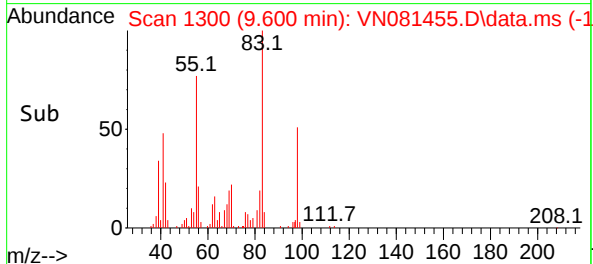
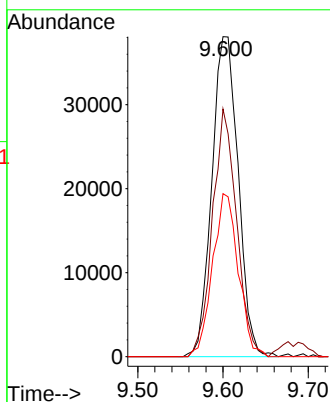
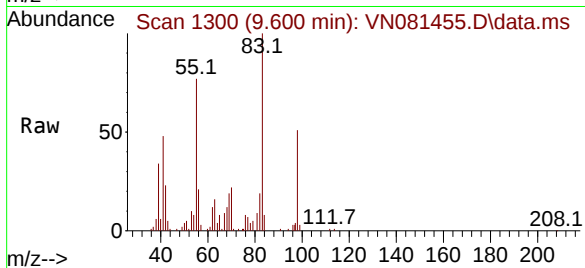
Tgt Ion:	83	Resp:	8189
Ion Ratio	Lower	Upper	
83	100		
55	77.4	65.7	98.5
98	51.0	33.8	50.6

Manual Integrations

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Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#40

Benzene

Concen: 9.615 ug/l

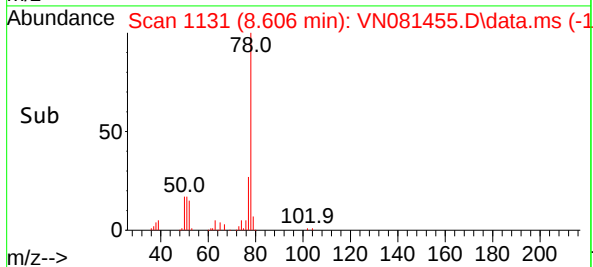
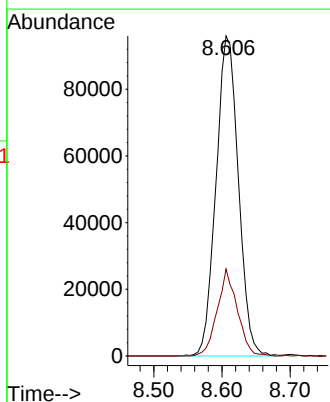
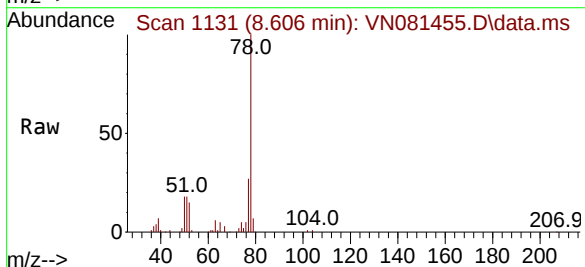
RT: 8.606 min Scan# 1131

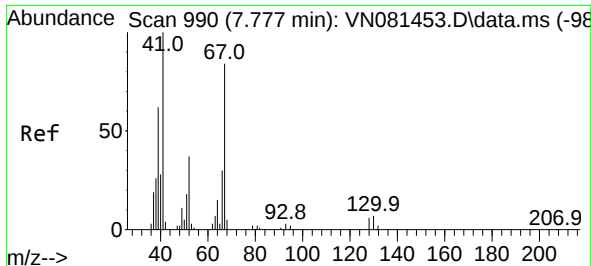
Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Tgt Ion:	78	Resp:	219110
Ion Ratio	Lower	Upper	
78	100		
77	27.1	20.4	30.6





#41
Methacrylonitrile
Concen: 10.520 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

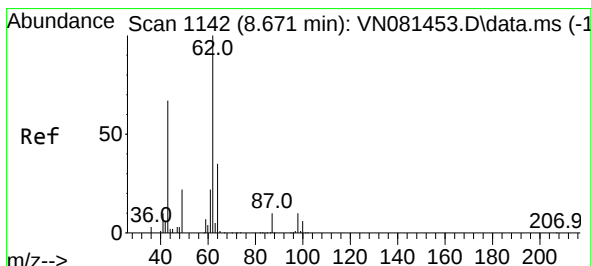
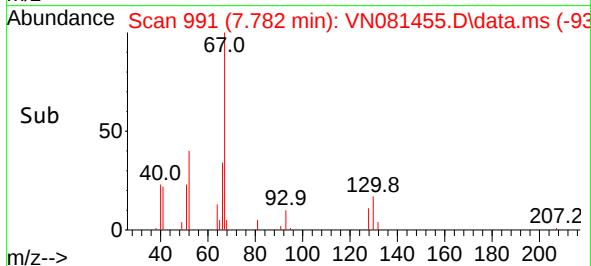
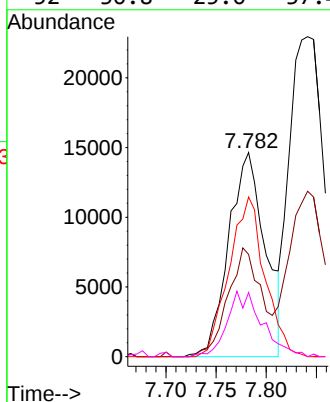
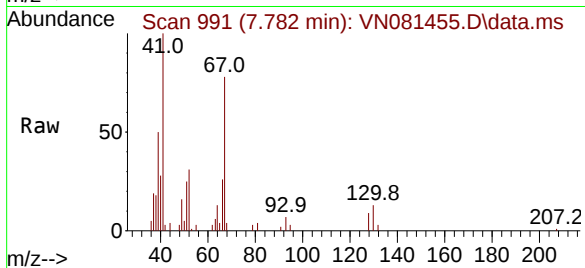
Tgt Ion: 41 Resp: 3713
Ion Ratio Lower Upper
41 100
39 48.5 48.4 72.6
67 76.3 56.8 85.2
52 30.8 25.0 37.4

Manual Integrations

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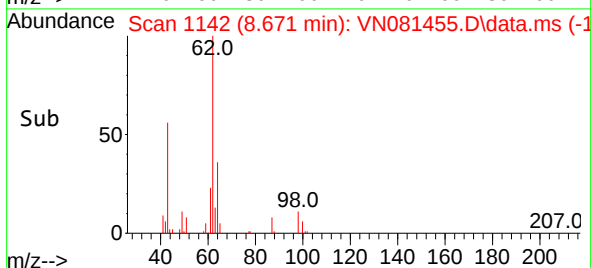
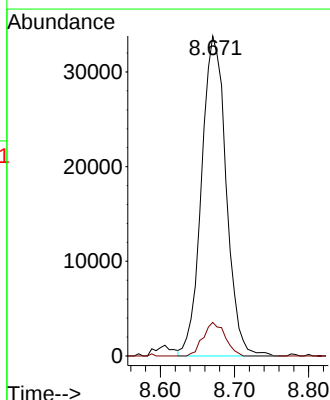
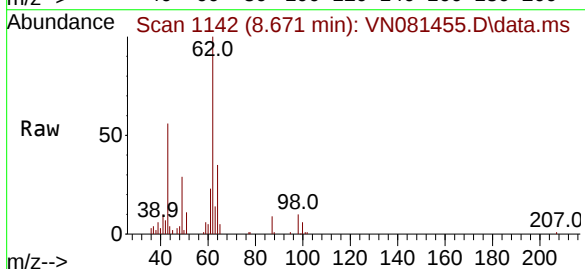
Reviewed By :John Carlone 03/19/2024

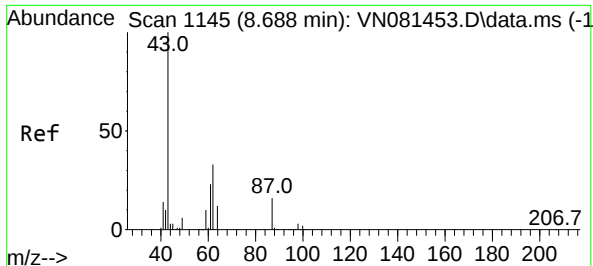
Supervised By :Mahesh Dadoda 03/19/2024



#42
1,2-Dichloroethane
Concen: 9.719 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

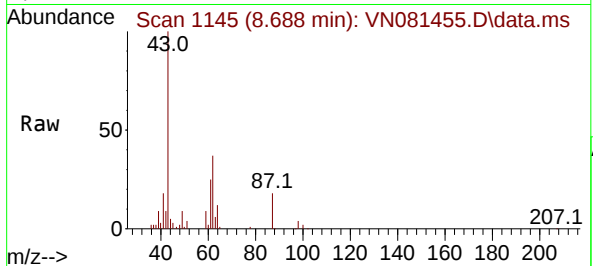
Tgt Ion: 62 Resp: 77948
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43
Isopropyl Acetate
Concen: 9.633 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

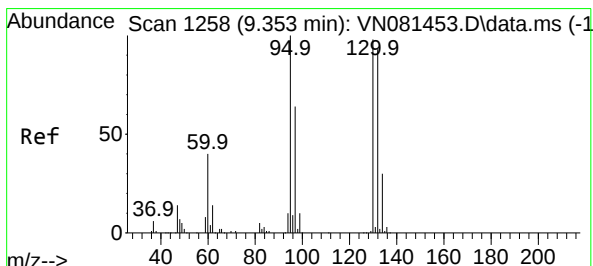
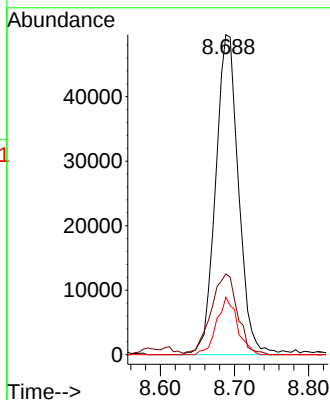
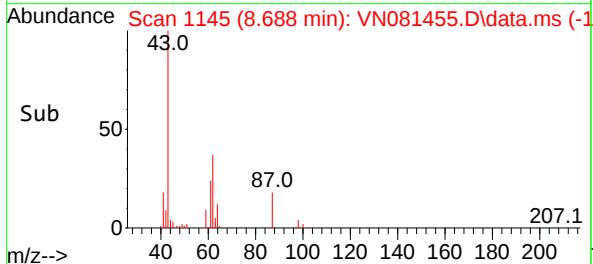
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 106570
Ion Ratio Lower Upper
43 100
61 29.2 19.9 29.9
87 16.2 9.0 13.6

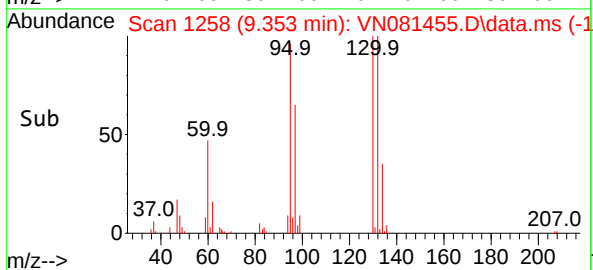
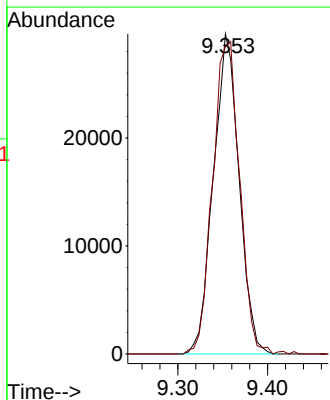
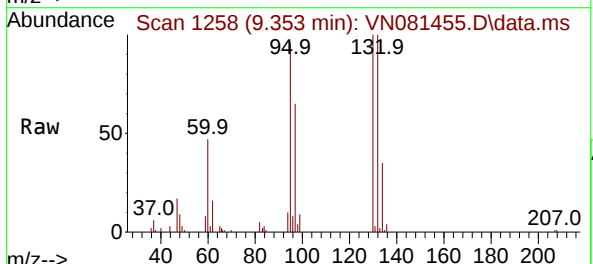
Manual Integrations
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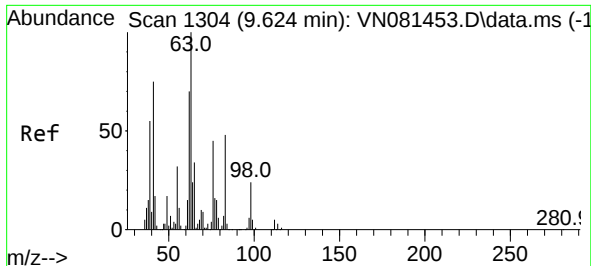
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#44
Trichloroethene
Concen: 9.186 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion:130 Resp: 58877
Ion Ratio Lower Upper
130 100
95 96.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 9.932 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 5485

Ion Ratio Lower Upper

63 100

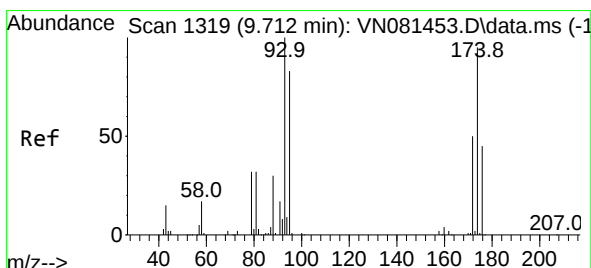
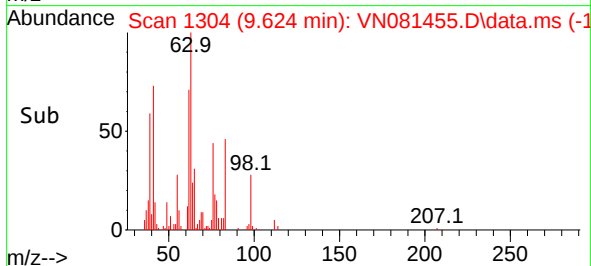
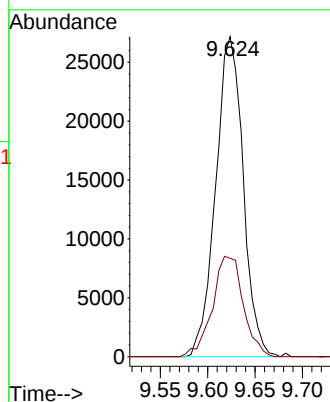
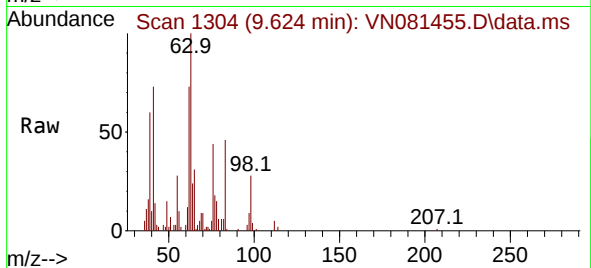
65 30.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#46

Dibromomethane

Concen: 9.646 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

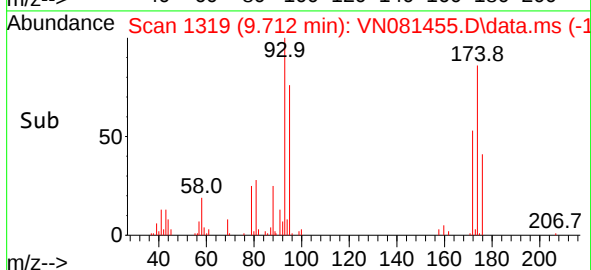
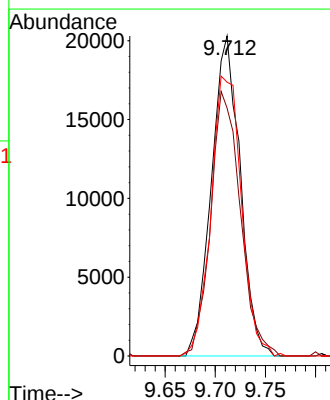
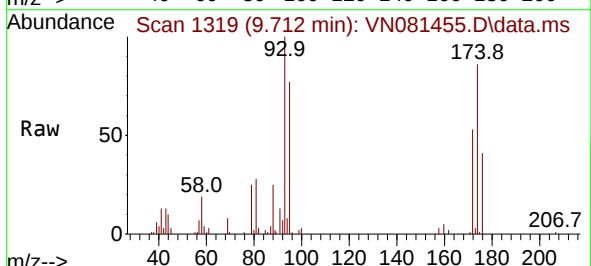
Tgt Ion: 93 Resp: 40457

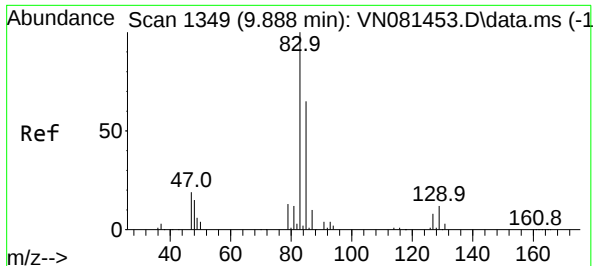
Ion Ratio Lower Upper

93 100

95 85.3 68.1 102.1

174 92.6 57.2 85.8#





#47

Bromodichloromethane

Concen: 9.822 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

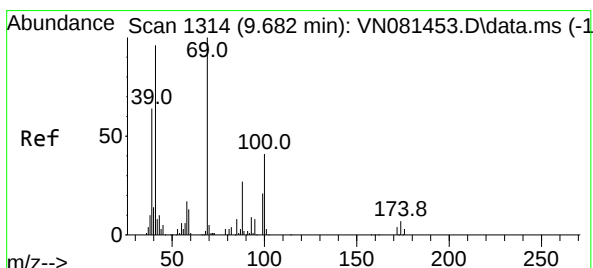
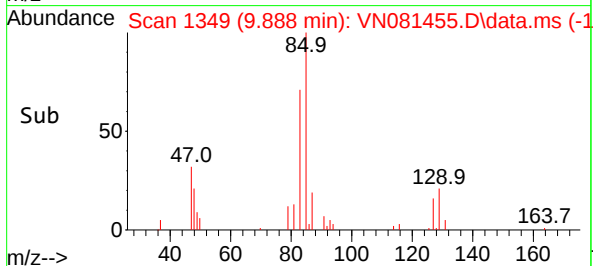
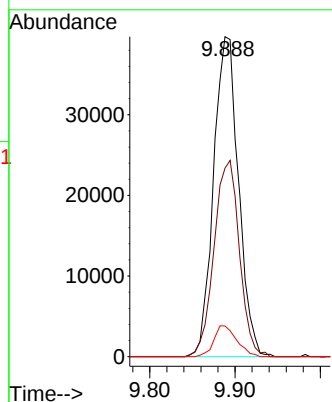
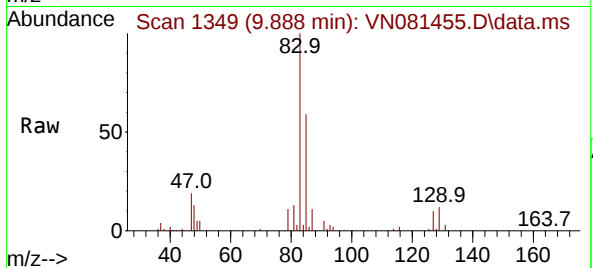
Tgt Ion:	83	Resp:	80540
Ion Ratio	Lower	Upper	
83	100		
85	58.9	52.3	78.5
127	9.6	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#48

Methyl methacrylate

Concen: 10.091 ug/l

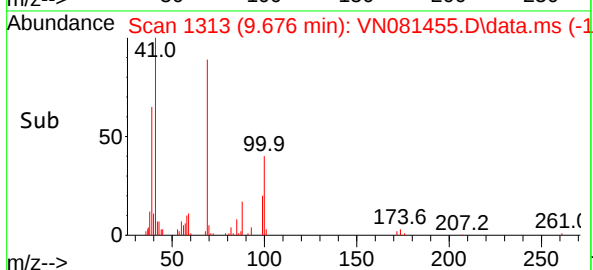
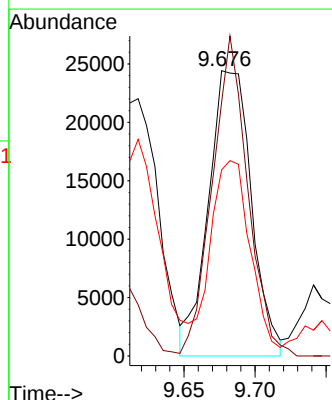
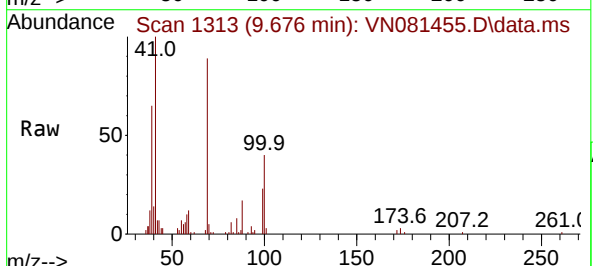
RT: 9.676 min Scan# 1313

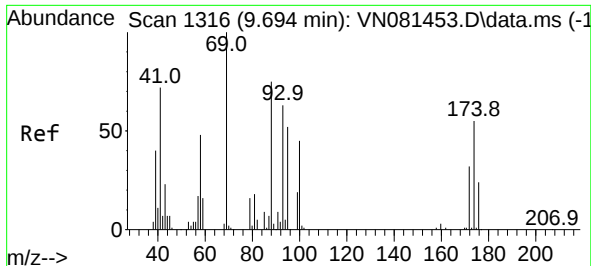
Delta R.T. -0.006 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Tgt Ion:	41	Resp:	51495
Ion Ratio	Lower	Upper	
41	100		
69	92.5	62.2	93.2
39	63.9	47.6	71.4





#49

1,4-Dioxane

Concen: 202.285 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

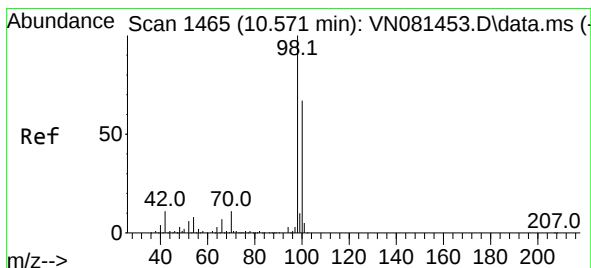
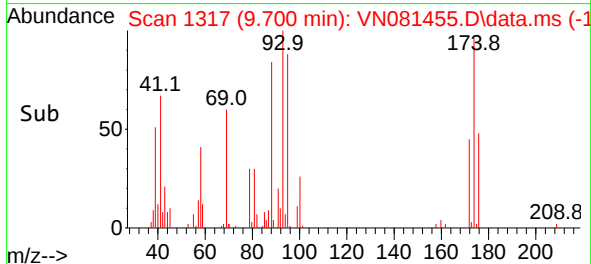
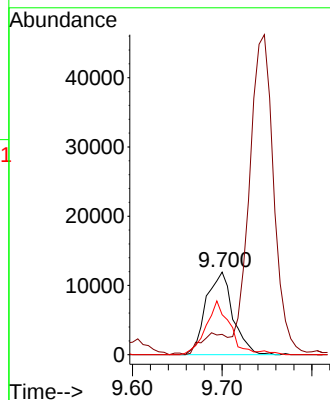
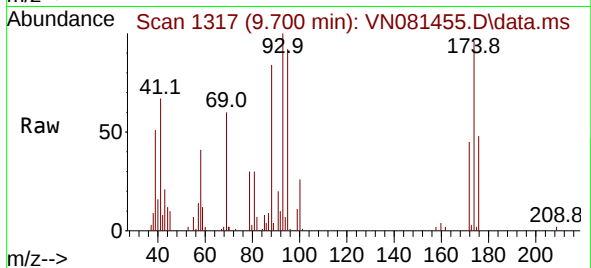
Tgt Ion:	88	Resp:	24800
Ion	Ratio	Lower	Upper
88	100		
43	25.0	30.1	45.1
58	59.9	63.9	95.9

Manual Integrations

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Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#50

Toluene-d8

Concen: 8.518 ug/l

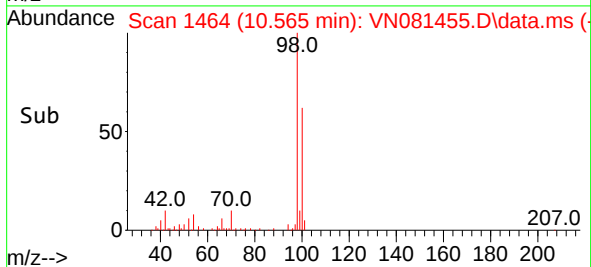
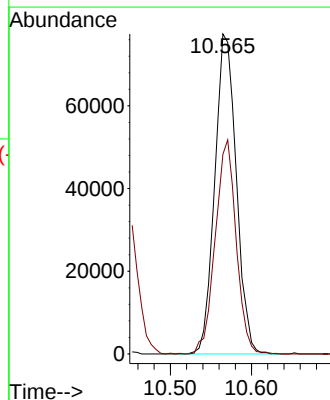
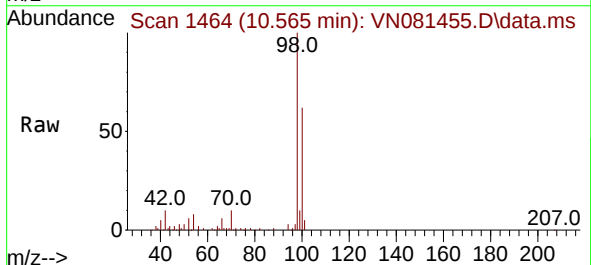
RT: 10.565 min Scan# 1464

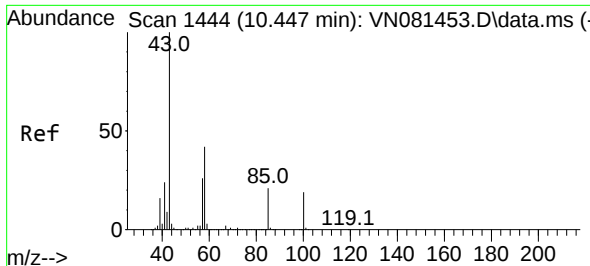
Delta R.T. -0.006 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Tgt Ion:	98	Resp:	142620
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.4	77.0





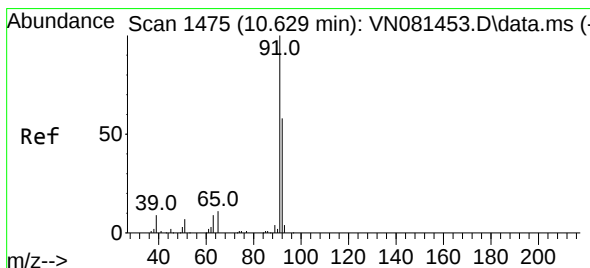
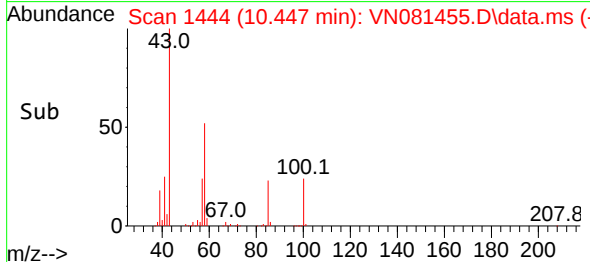
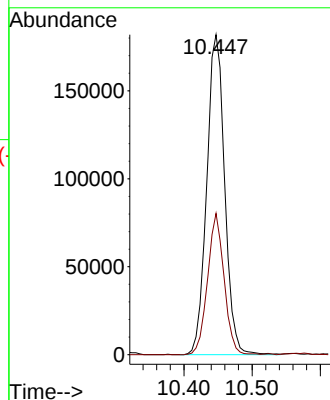
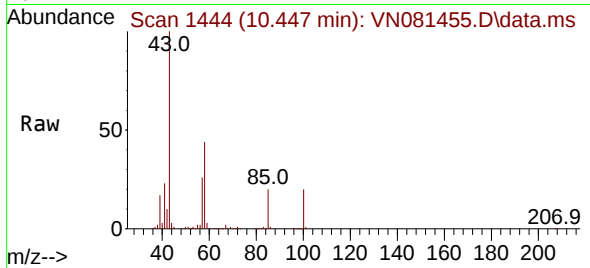
#51
4-Methyl-2-Pentanone
Concen: 49.363 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 33326
Ion Ratio Lower Upper
43 100
58 40.7 29.4 44.0

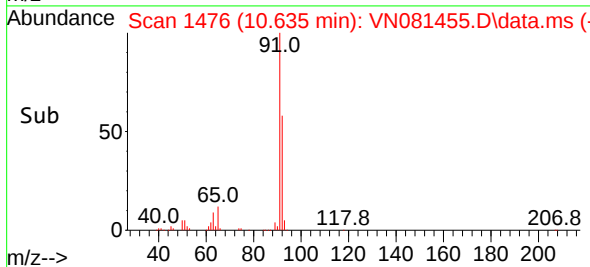
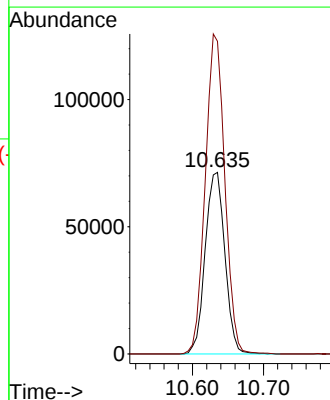
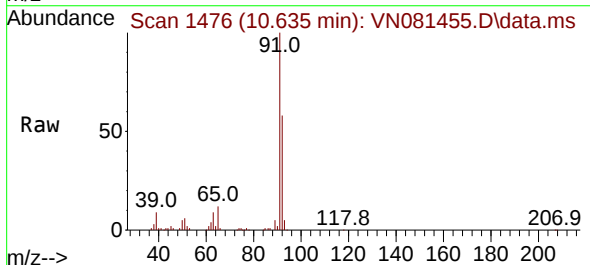
Manual Integrations
APPROVED

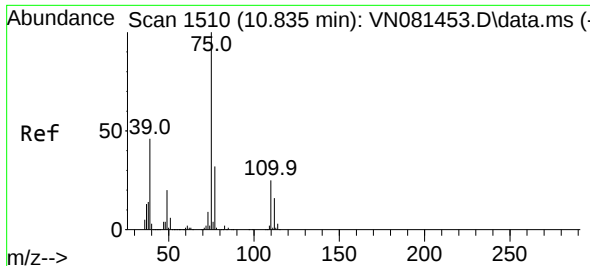
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#52
Toluene
Concen: 9.502 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion: 92 Resp: 137634
Ion Ratio Lower Upper
92 100
91 174.8 139.4 209.0





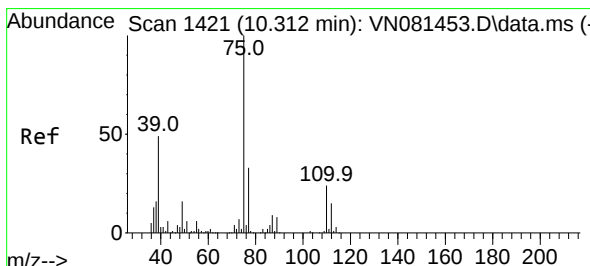
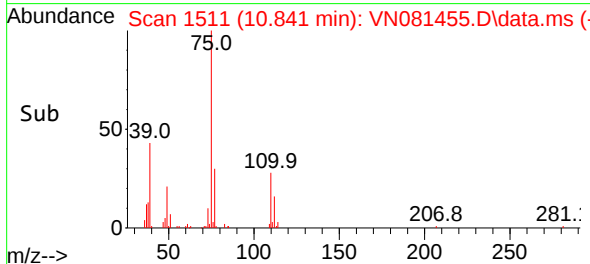
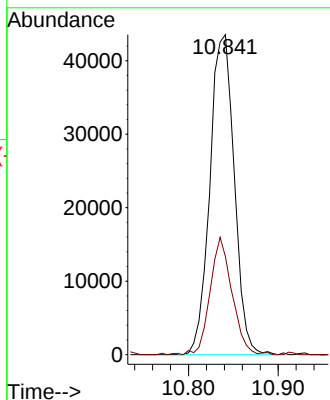
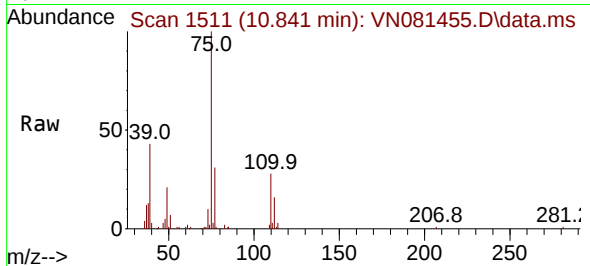
#53
t-1,3-Dichloropropene
Concen: 9.277 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 82140
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3

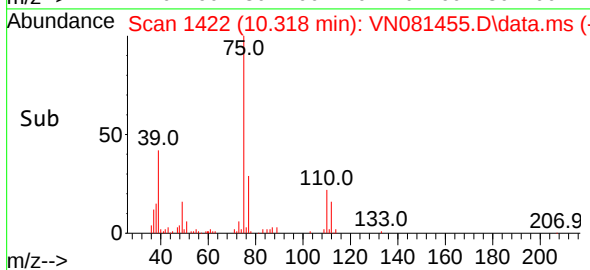
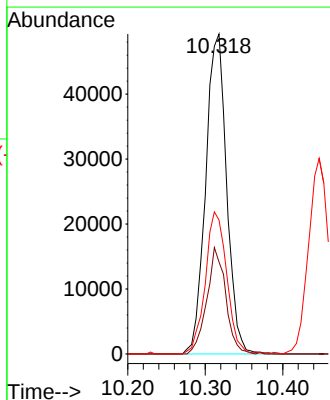
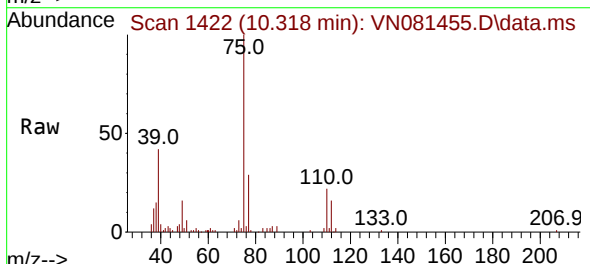
Manual Integrations
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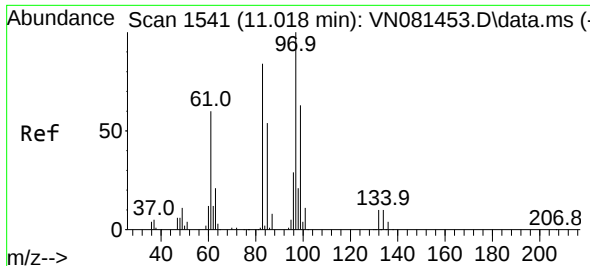
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#54
cis-1,3-Dichloropropene
Concen: 9.764 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

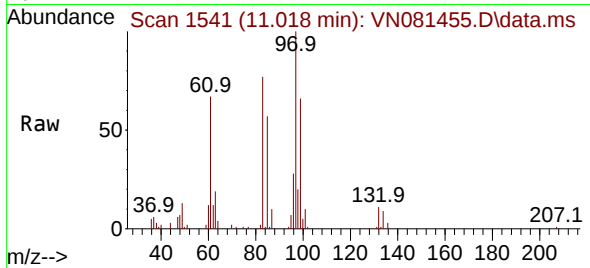
Tgt Ion: 75 Resp: 92697
Ion Ratio Lower Upper
75 100
77 28.7 23.3 34.9
39 41.8 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 9.852 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

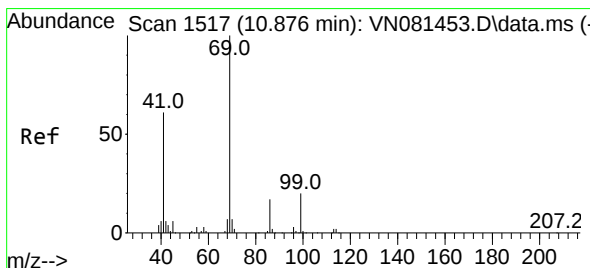
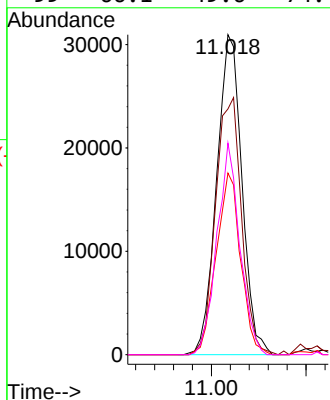
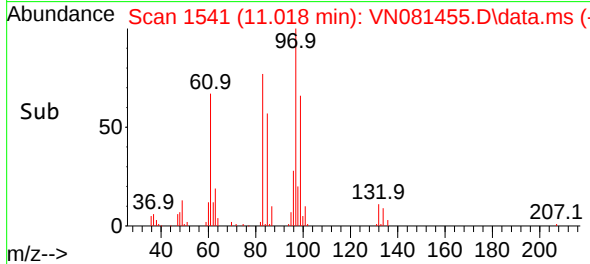
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



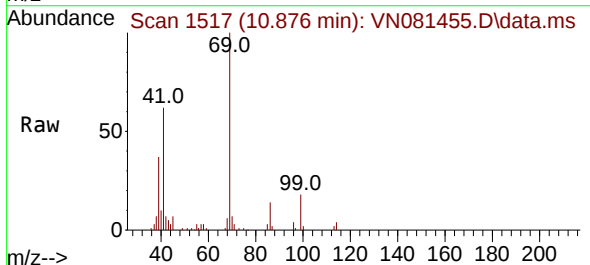
Tgt Ion: 97 Resp: 57428
Ion Ratio Lower Upper
97 100
83 76.8 72.9 109.3
85 56.7 50.2 75.2
99 66.1 49.6 74.4

Manual Integrations
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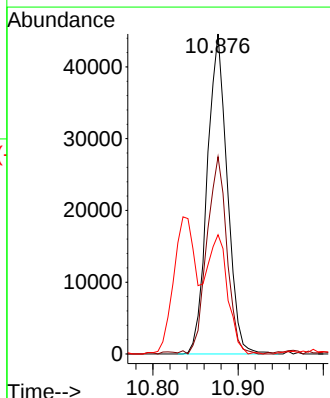
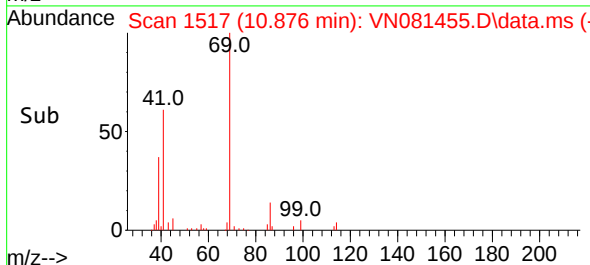
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

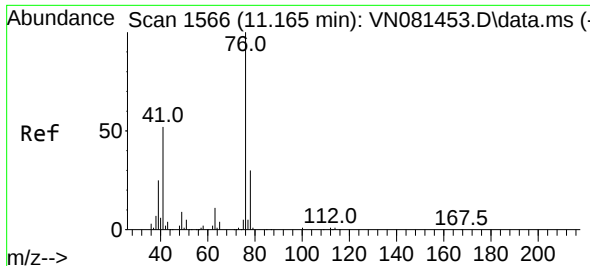


#56
Ethyl methacrylate
Concen: 9.582 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15



Tgt Ion: 69 Resp: 72606
Ion Ratio Lower Upper
69 100
41 62.0 61.0 91.6
39 36.0 31.8 47.6





#57

1,3-Dichloropropane

Concen: 9.564 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 91390

Ion Ratio Lower Upper

76 100

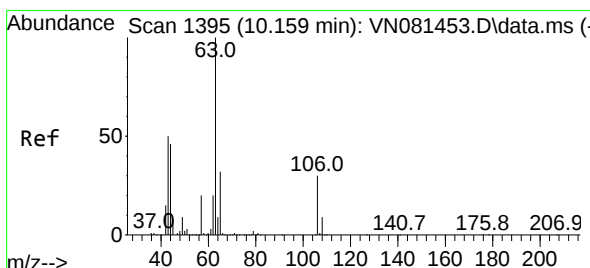
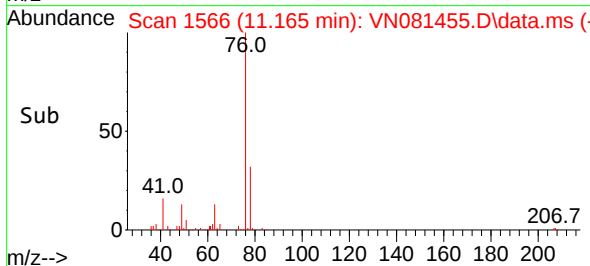
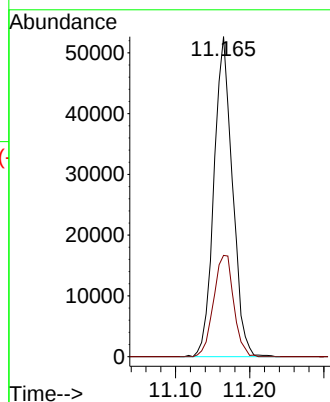
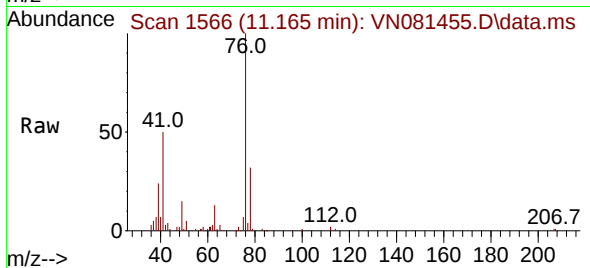
78 34.4 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#58

2-Chloroethyl Vinyl ether

Concen: 53.495 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081455.D

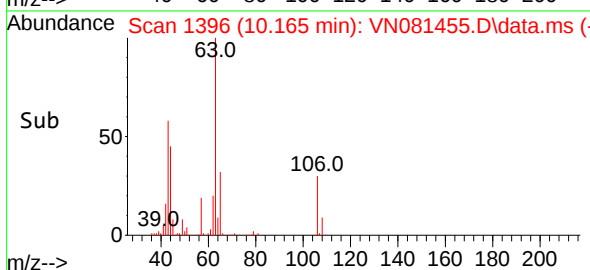
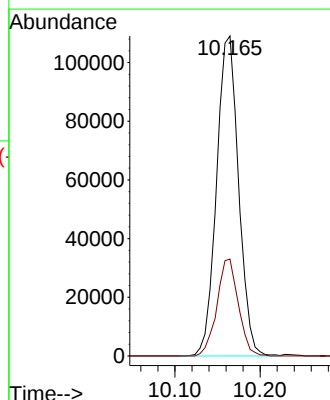
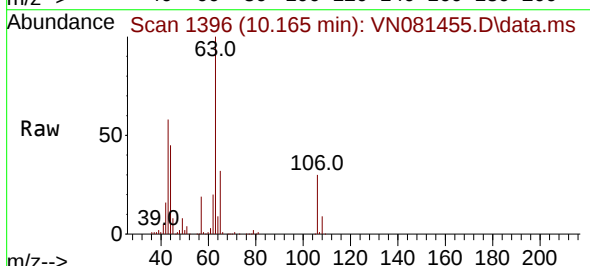
Acq: 18 Mar 2024 17:15

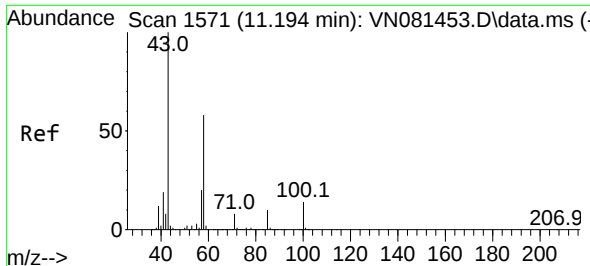
Tgt Ion: 63 Resp: 196212

Ion Ratio Lower Upper

63 100

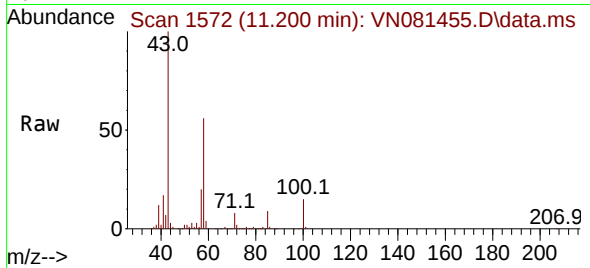
106 29.4 18.6 28.0#





#59
2-Hexanone
Concen: 49.813 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

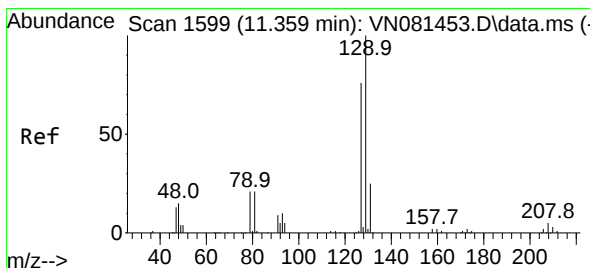
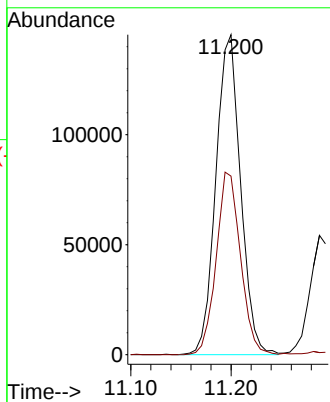
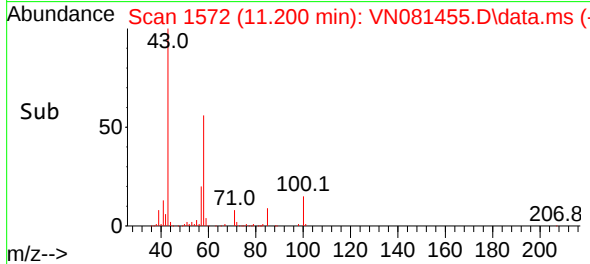
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 24864
Ion Ratio Lower Upper
43 100
58 56.1 25.9 77.8

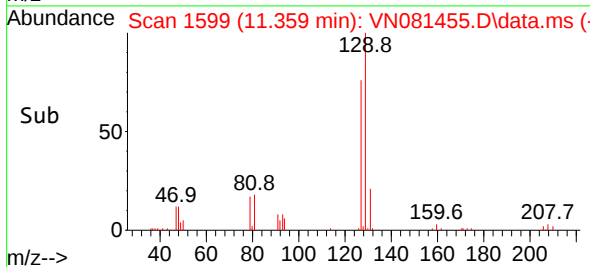
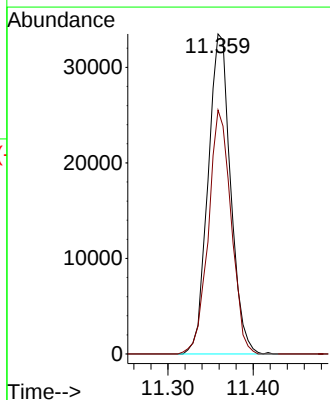
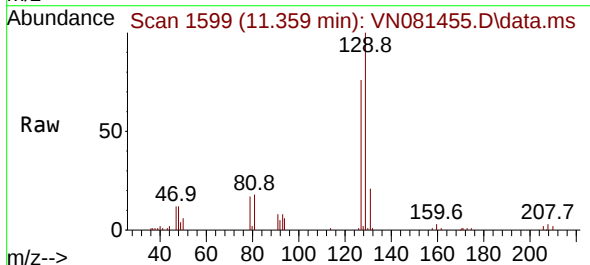
Manual Integrations
APPROVED

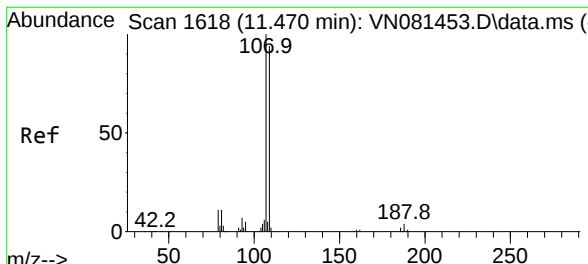
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#60
Dibromochloromethane
Concen: 9.634 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion:129 Resp: 61761
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2





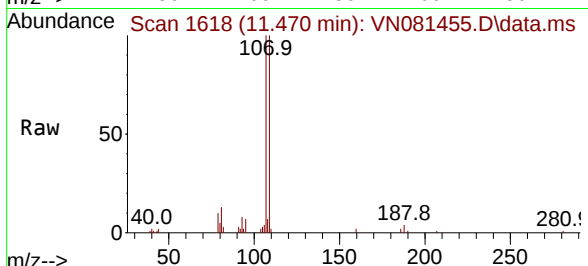
#61
 1,2-Dibromoethane
 Concen: 9.391 ug/l
 RT: 11.470 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



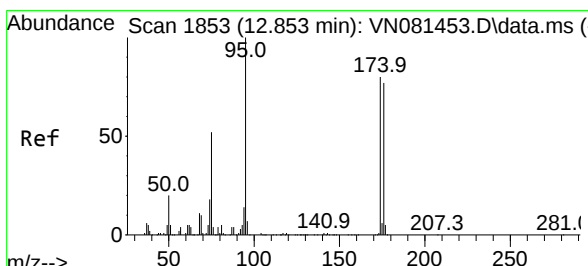
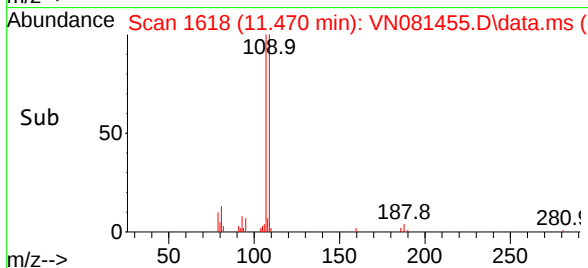
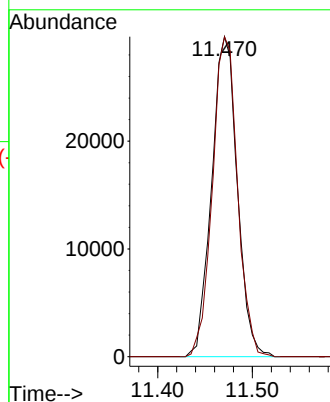
Tgt Ion:107 Resp: 5581
 Ion Ratio Lower Upper
 107 100
 109 97.6 73.4 110.2

Manual Integrations

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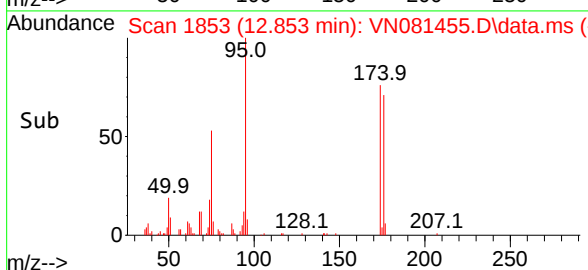
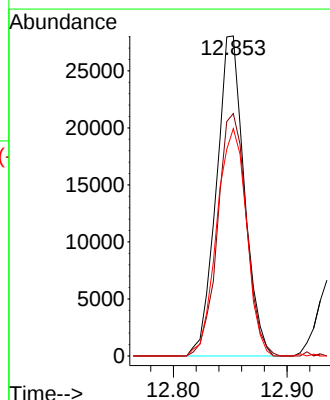
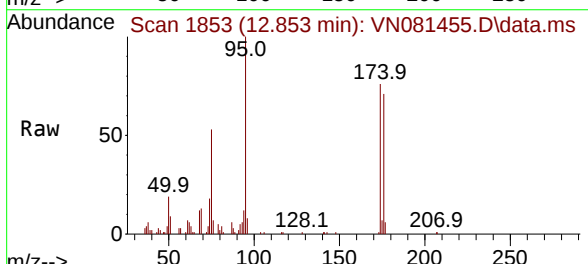
Reviewed By :John Carlone 03/19/2024

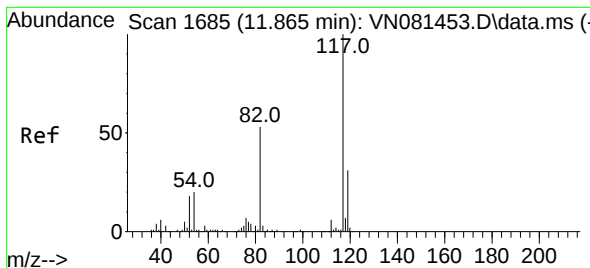
Supervised By :Mahesh Dadoda 03/19/2024



#62
 4-Bromofluorobenzene
 Concen: 8.120 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

Tgt Ion: 95 Resp: 47904
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 120.4
 176 75.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:117 Resp: 64568

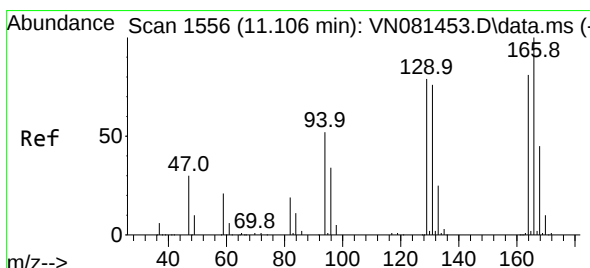
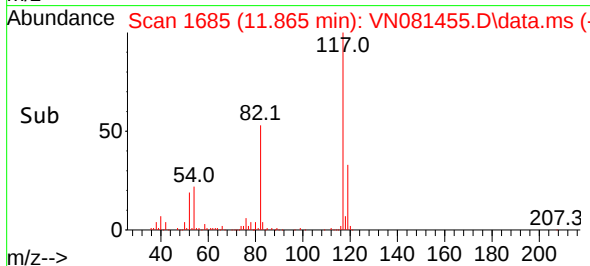
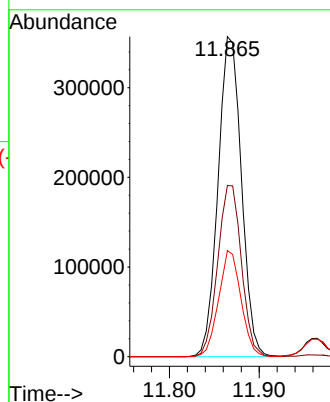
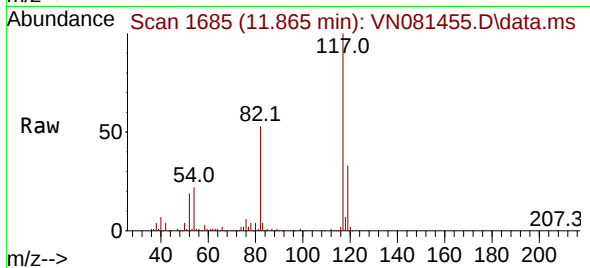
Ion	Ratio	Lower	Upper
117	100		
82	53.5	52.7	79.1
119	33.1	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#64

Tetrachloroethene

Concen: 9.538 ug/l

RT: 11.106 min Scan# 1556

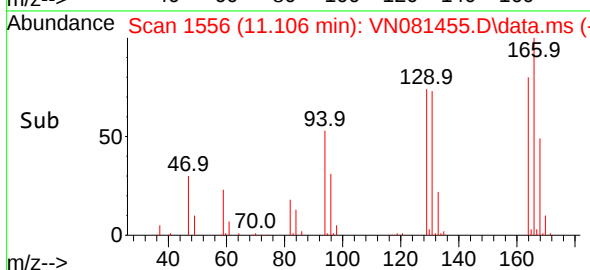
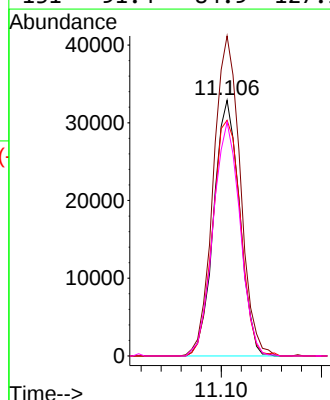
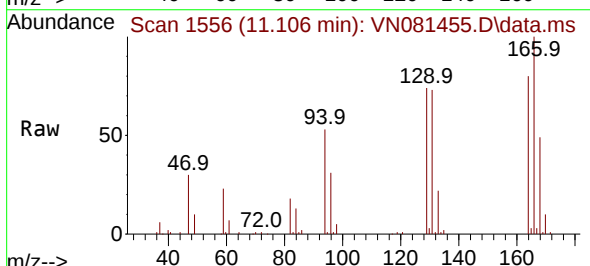
Delta R.T. 0.000 min

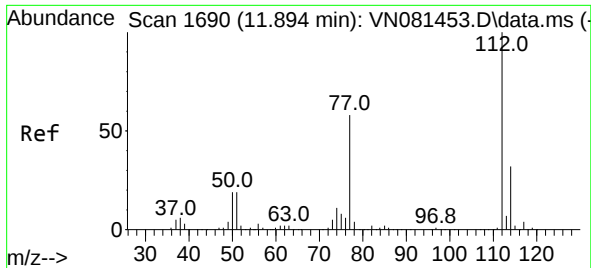
Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Tgt Ion:164 Resp: 58865

Ion	Ratio	Lower	Upper
164	100		
166	125.1	105.8	158.6
129	92.2	89.6	134.4
131	91.4	84.9	127.3





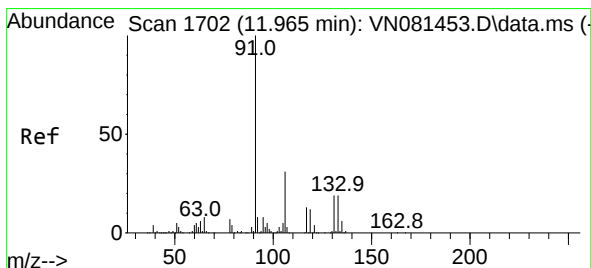
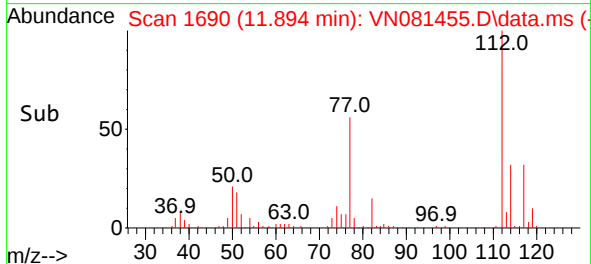
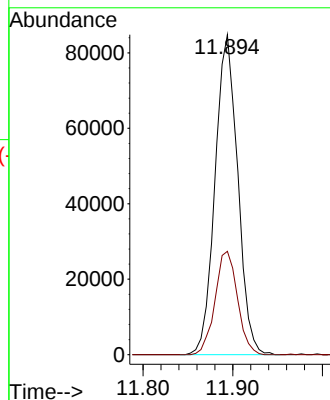
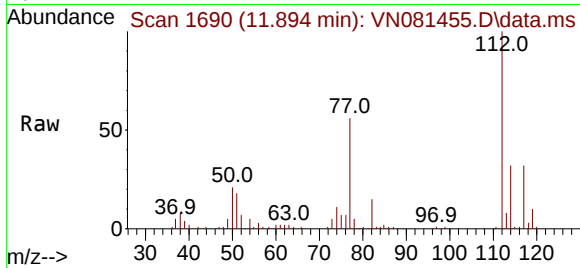
#65
Chlorobenzene
Concen: 9.738 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 148638
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5

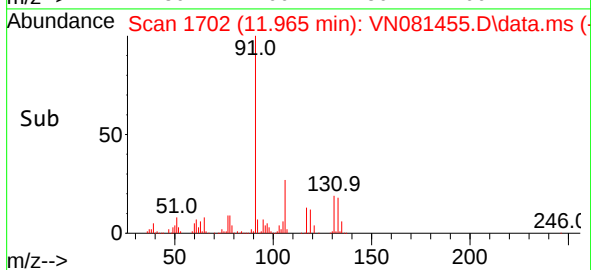
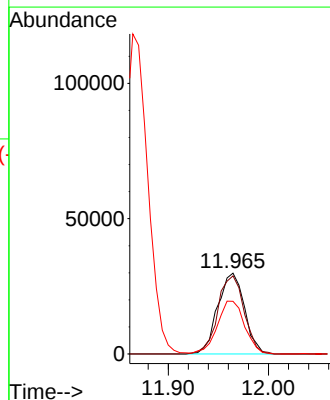
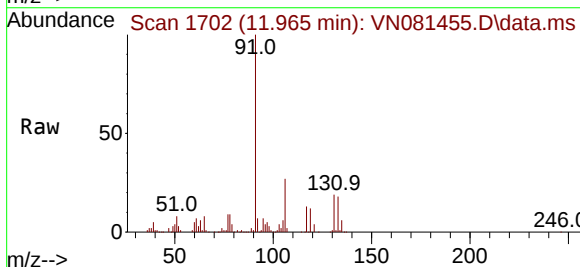
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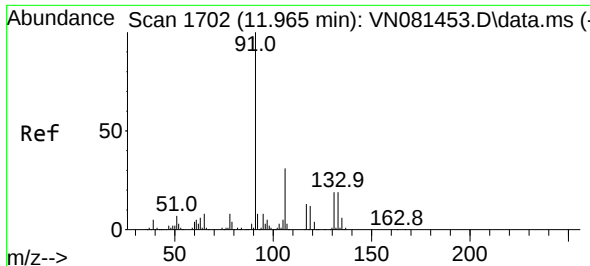
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 9.774 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion:131 Resp: 55292
Ion Ratio Lower Upper
131 100
133 95.6 46.8 140.3
119 66.6 34.6 103.9





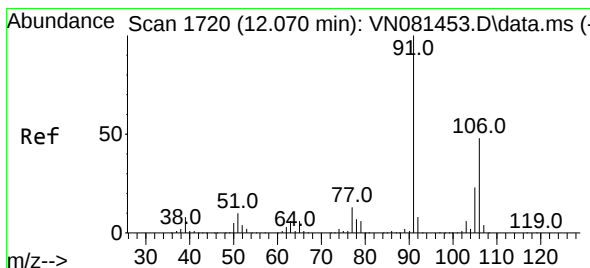
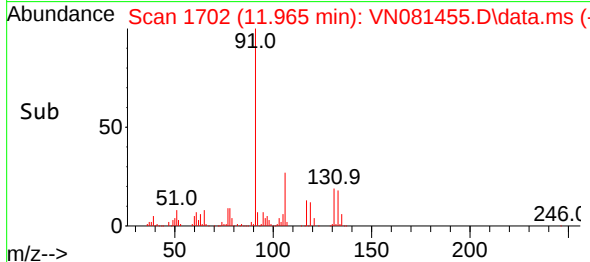
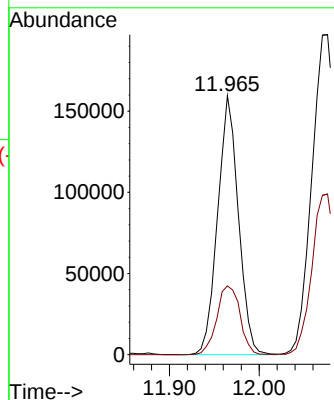
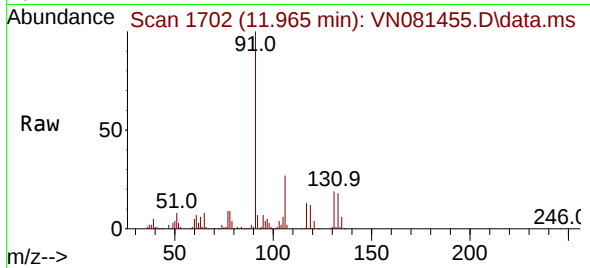
#67
Ethyl Benzene
Concen: 9.662 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 256194
Ion Ratio Lower Upper
91 100
106 26.6 23.8 35.6

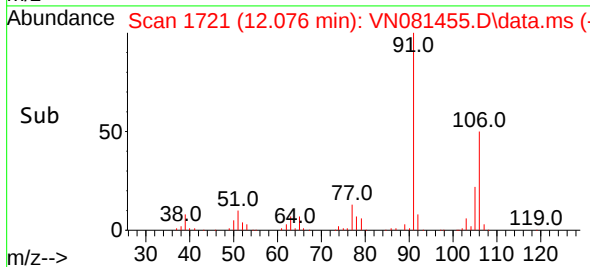
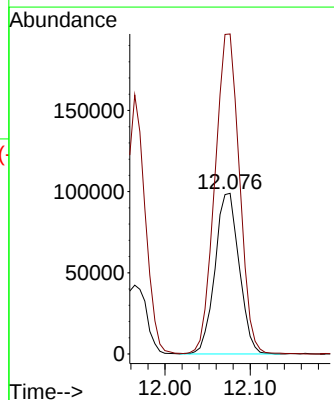
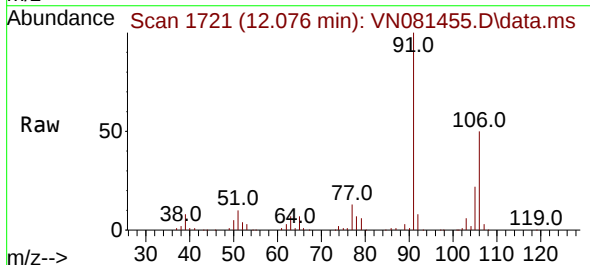
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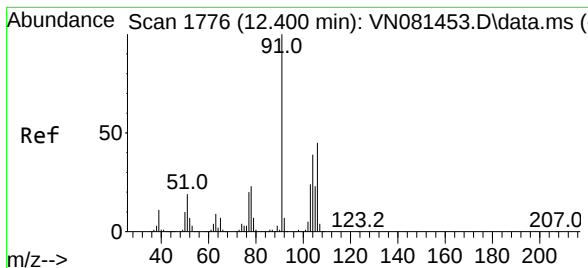
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#68
m/p-Xylenes
Concen: 19.623 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion:106 Resp: 195053
Ion Ratio Lower Upper
106 100
91 202.2 169.0 253.6





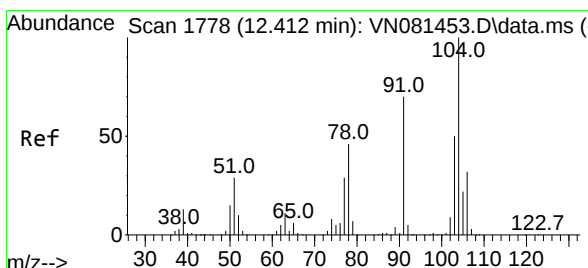
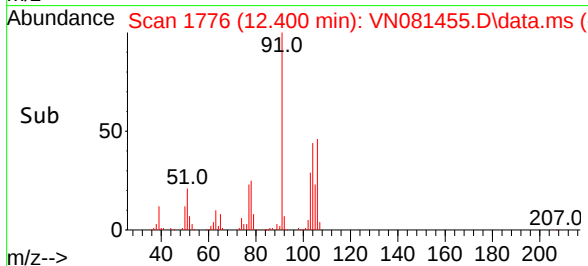
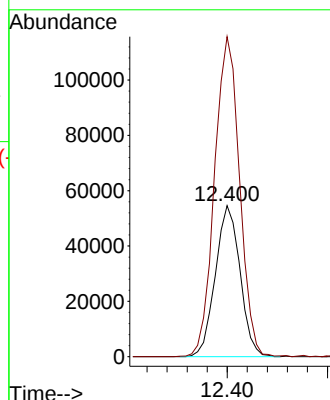
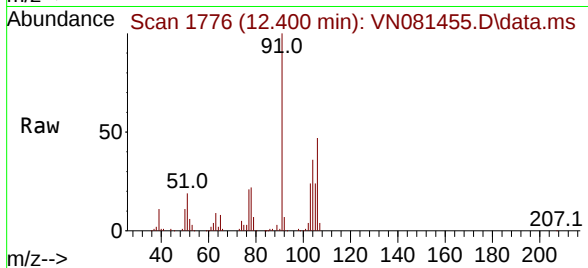
#69
o-Xylene
Concen: 9.549 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 93184
Ion Ratio Lower Upper
106 100
91 215.6 112.1 336.3

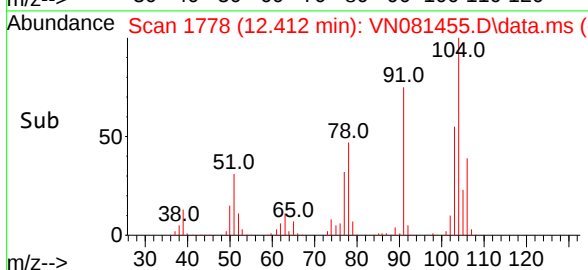
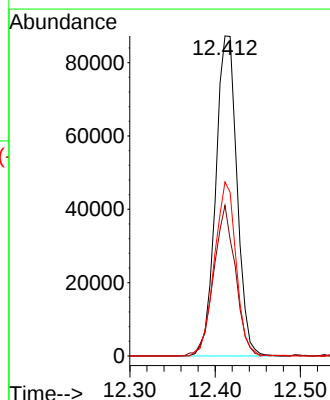
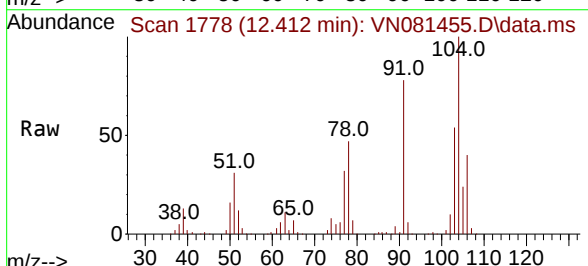
Manual Integrations
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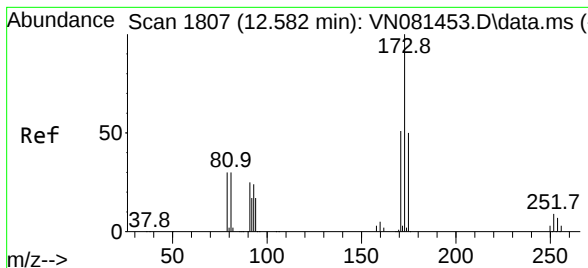
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#70
Styrene
Concen: 9.629 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion:104 Resp: 151539
Ion Ratio Lower Upper
104 100
78 48.0 43.8 65.8
103 55.1 44.2 66.2





#71

Bromoform

Concen: 9.679 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:173 Resp: 4114

Ion Ratio Lower Upper

173 100

175 48.9 23.1 69.2

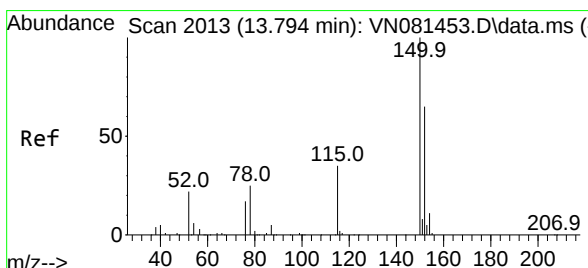
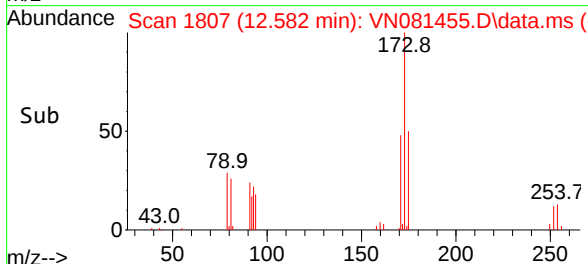
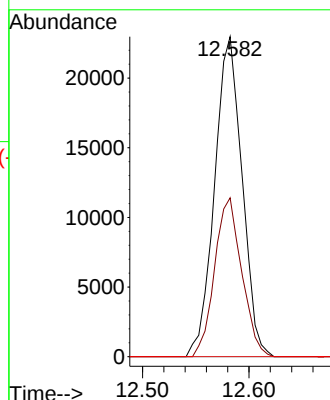
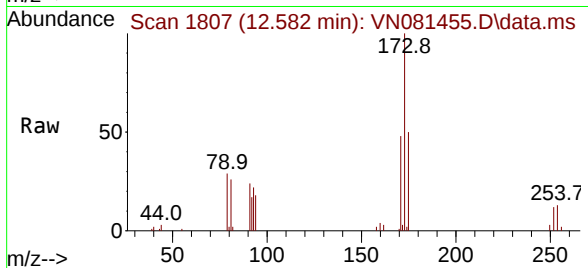
254 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

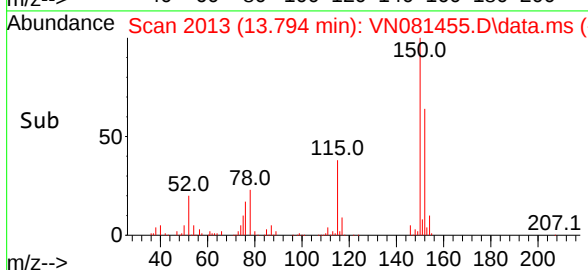
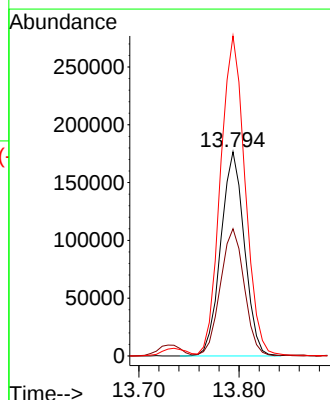
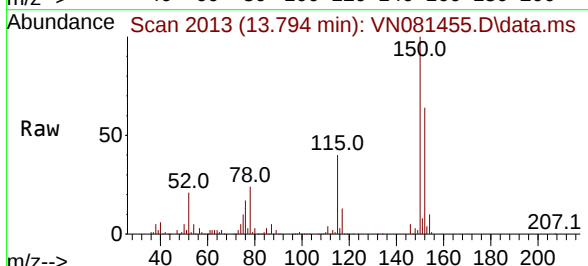
Tgt Ion:152 Resp: 287441

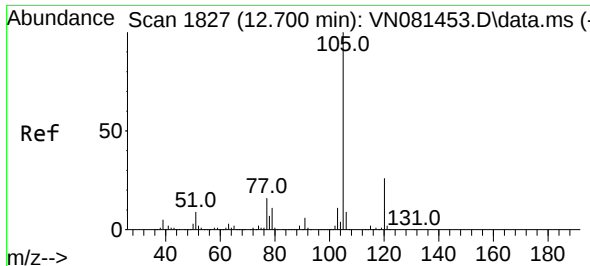
Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 163.8 0.0 339.8





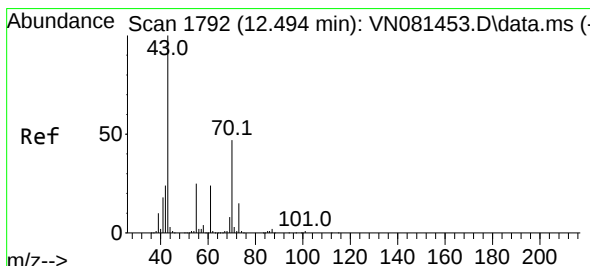
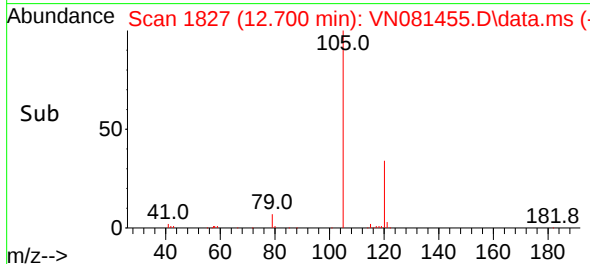
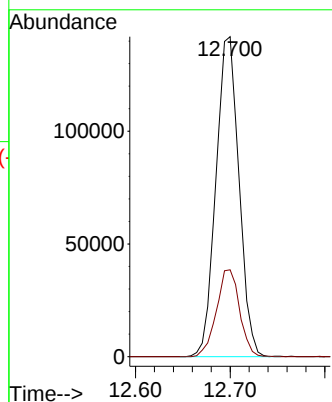
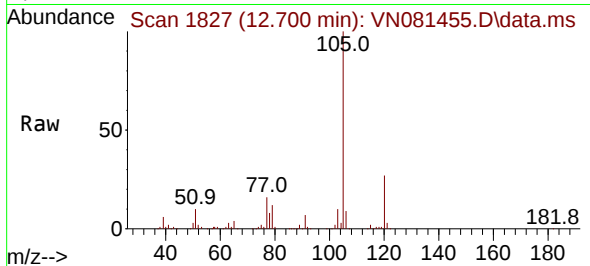
#73
Isopropylbenzene
Concen: 9.790 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 239864
Ion Ratio Lower Upper
105 100
120 27.3 12.6 37.6

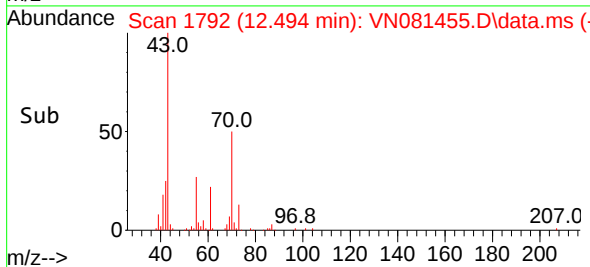
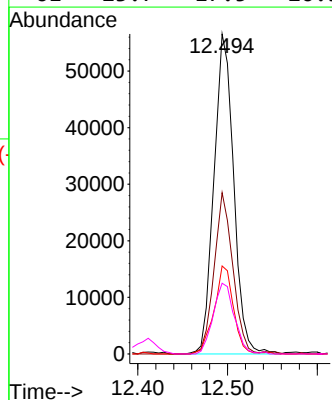
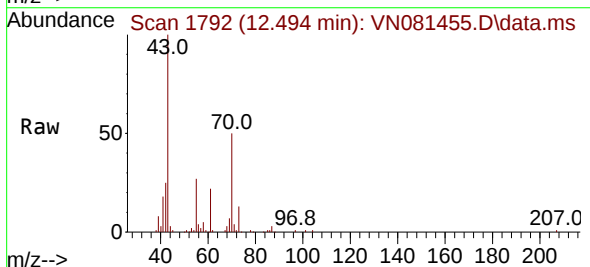
Manual Integrations
APPROVED

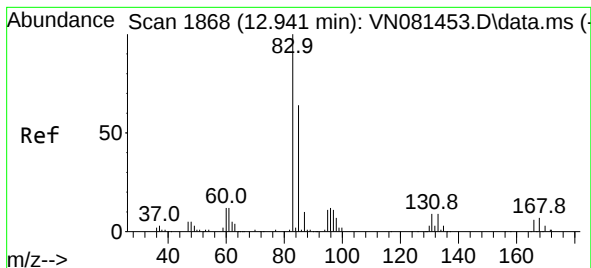
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#74
N-ethyl acetate
Concen: 9.753 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

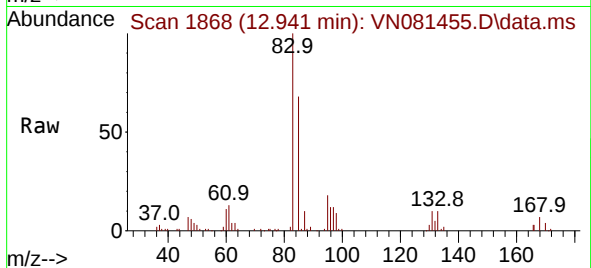
Tgt Ion: 43 Resp: 86483
Ion Ratio Lower Upper
43 100
70 47.7 30.1 45.1#
55 26.8 17.0 25.4#
61 23.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 9.845 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

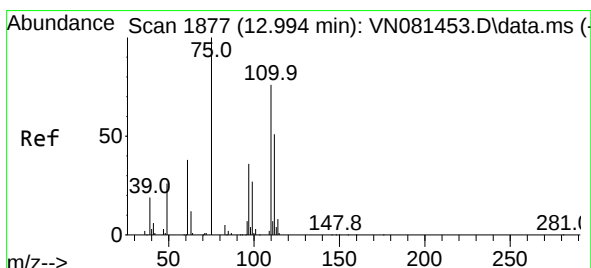
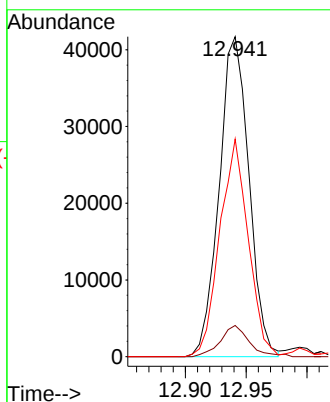
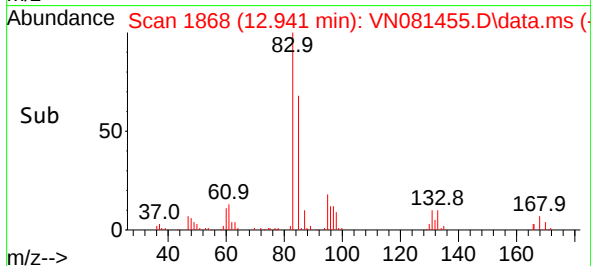
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 70925
Ion Ratio Lower Upper
83 100
131 9.5 4.1 12.3
85 65.2 32.1 96.3

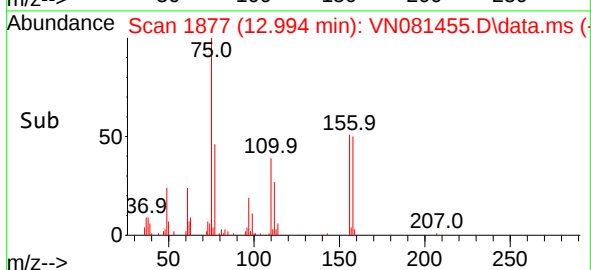
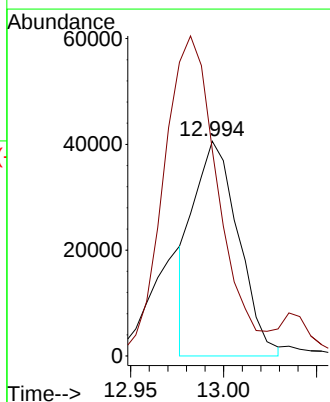
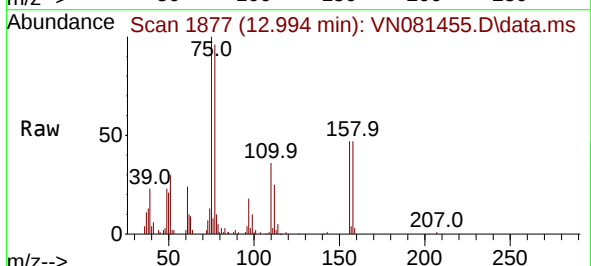
Manual Integrations
APPROVED

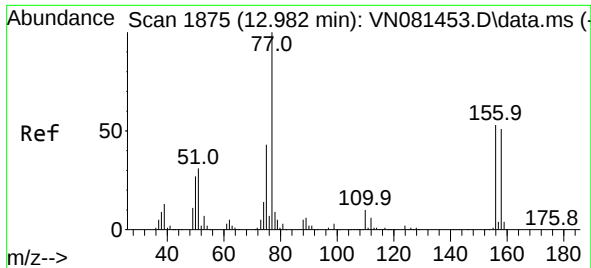
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#76
1,2,3-Trichloropropane
Concen: 9.971 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

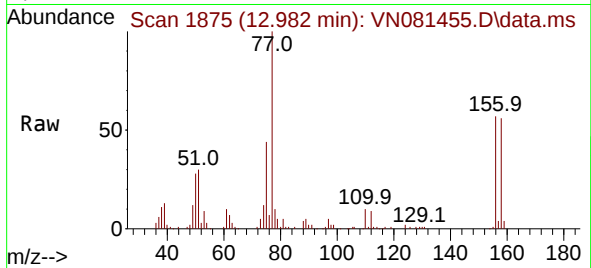
Tgt Ion: 75 Resp: 68399
Ion Ratio Lower Upper
75 100
77 180.8 91.0 272.8





#77
Bromobenzene
Concen: 9.687 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

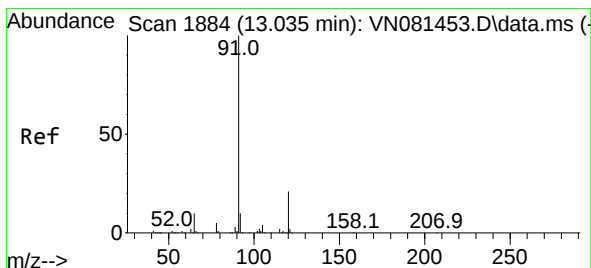
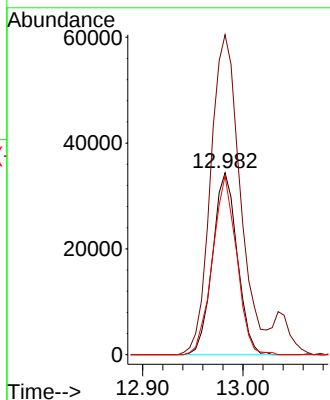
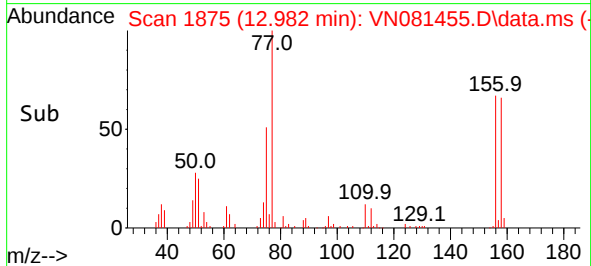
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



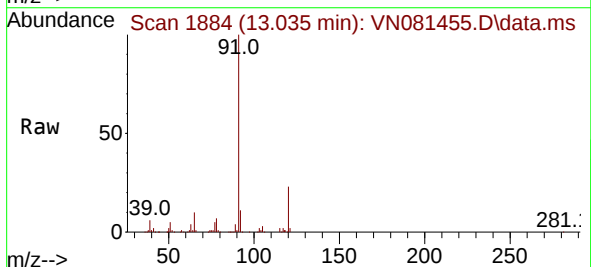
Tgt Ion:156 Resp: 5863
Ion Ratio Lower Upper
156 100
77 210.9 138.1 414.3
158 96.5 46.5 139.5

Manual Integrations
APPROVED

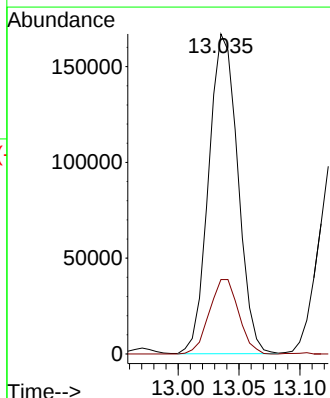
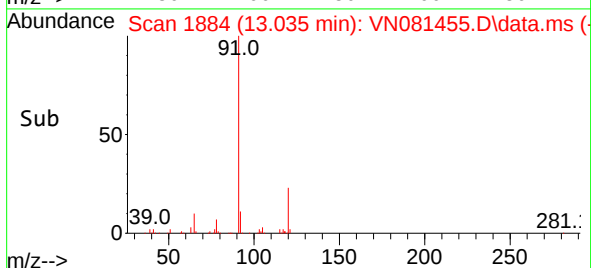
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

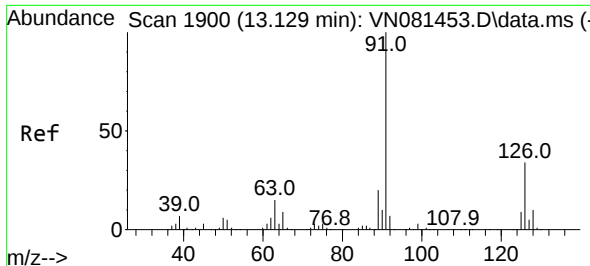


#78
n-propylbenzene
Concen: 9.619 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15



Tgt Ion: 91 Resp: 278343
Ion Ratio Lower Upper
91 100
120 23.4 10.3 30.9





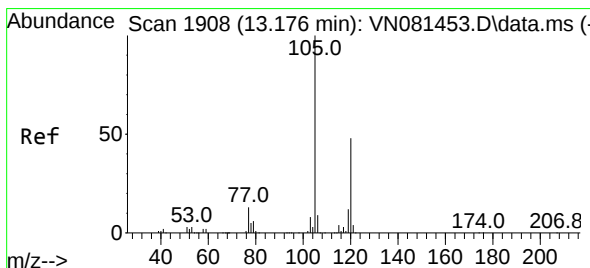
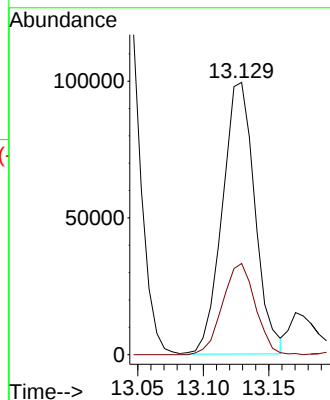
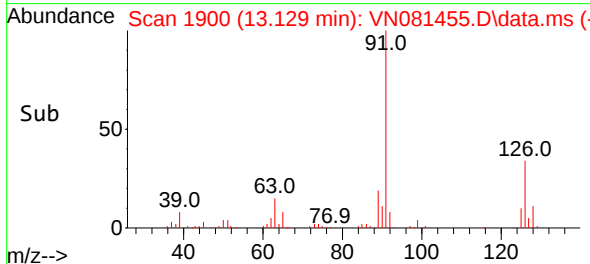
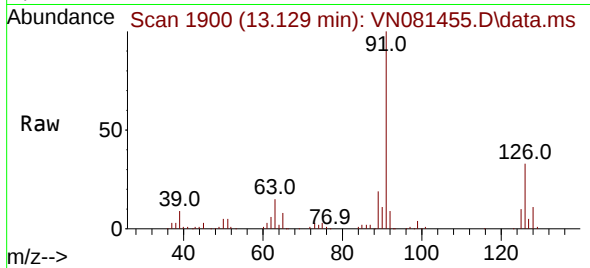
#79
2-Chlorotoluene
Concen: 9.913 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 17168
Ion Ratio Lower Upper
91 100
126 33.8 14.8 44.4

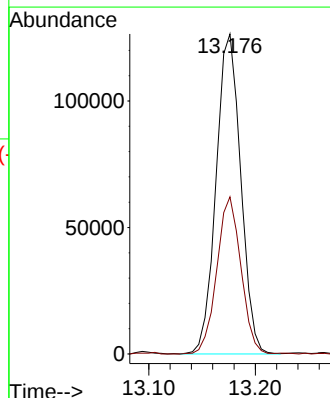
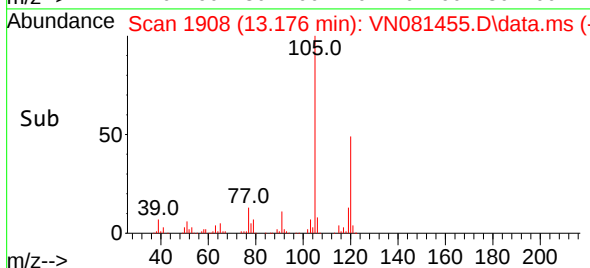
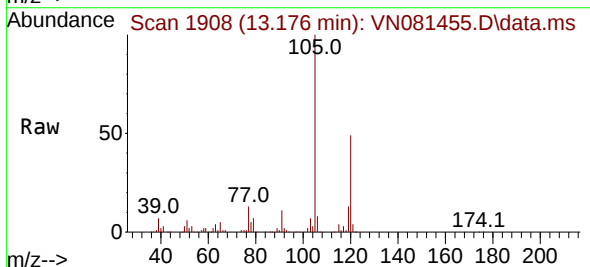
Manual Integrations
APPROVED

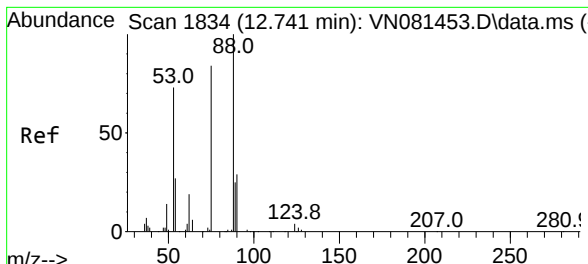
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 10.026 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

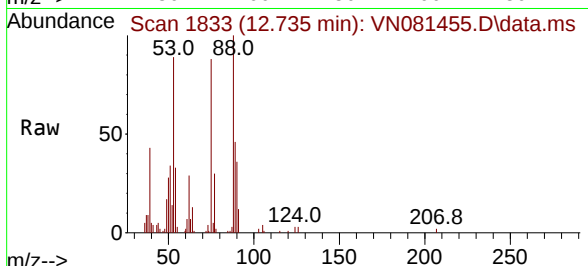
Tgt Ion:105 Resp: 202896
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 9.179 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

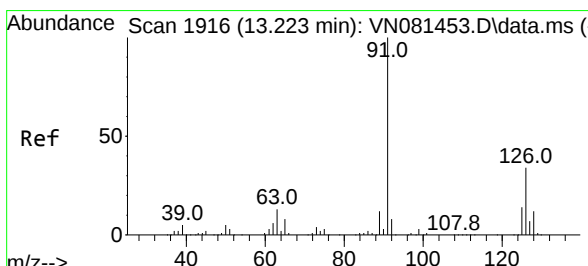
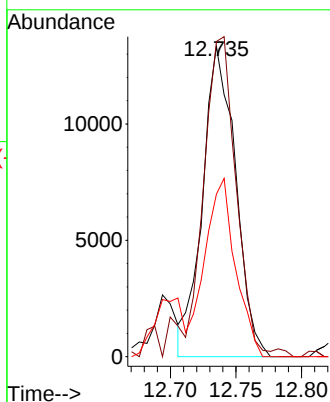
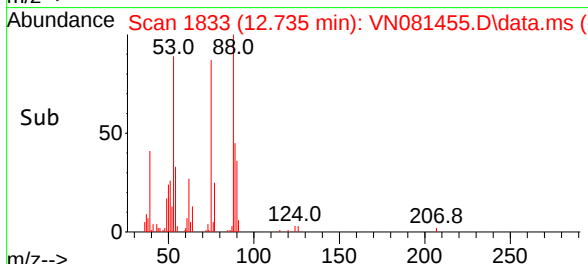
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



Tgt Ion:	75	Resp:	2335
Ion Ratio	Lower	Upper	
75	100		
53	105.5	71.4	107.2
89	53.2	33.4	50.0

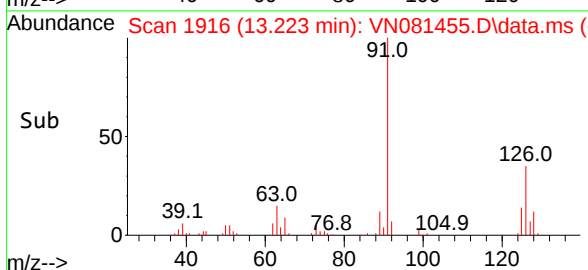
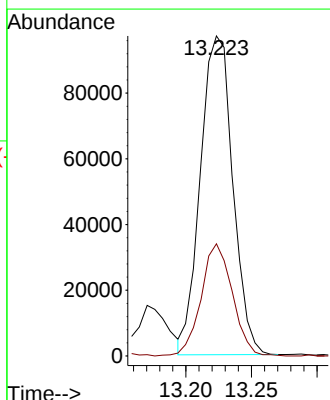
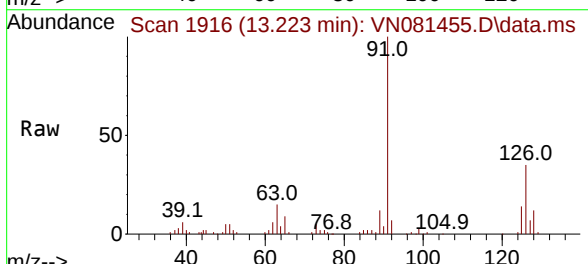
Manual Integrations
APPROVED

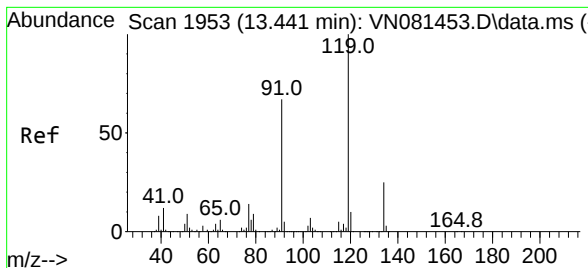
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#82
4-Chlorotoluene
Concen: 9.762 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

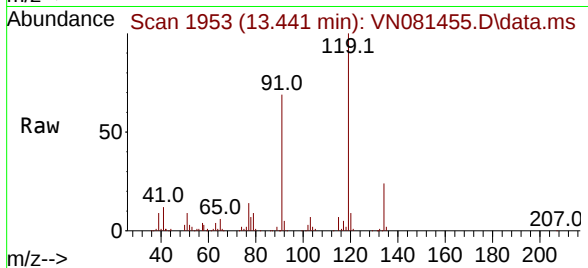
Tgt Ion:	91	Resp:	166678
Ion Ratio	Lower	Upper	
91	100		
126	34.0	15.3	45.9





#83
tert-Butylbenzene
Concen: 9.526 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

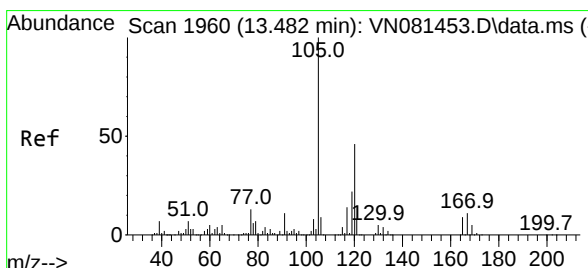
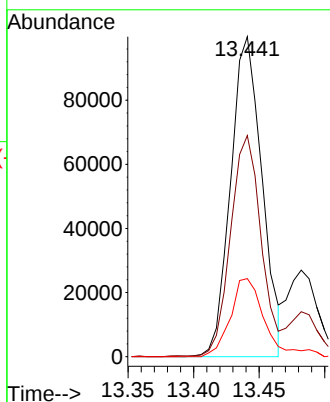
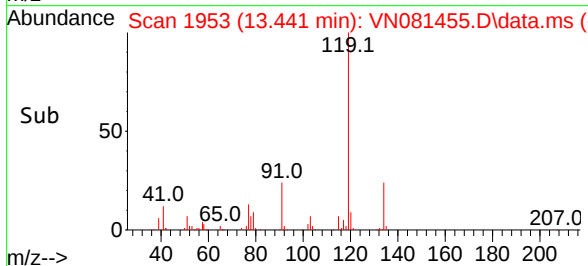
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



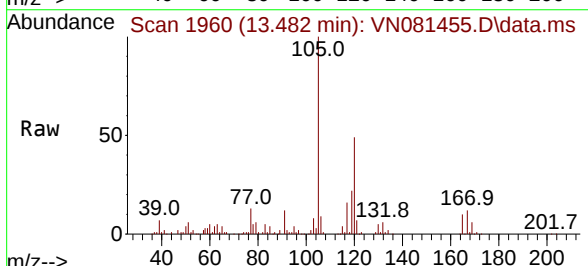
Tgt Ion:119 Resp: 166239
Ion Ratio Lower Upper
119 100
91 69.2 36.8 110.4
134 26.8 12.4 37.4

Manual Integrations
APPROVED

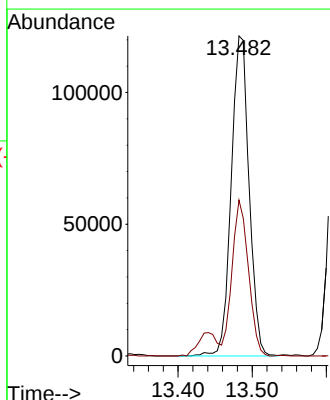
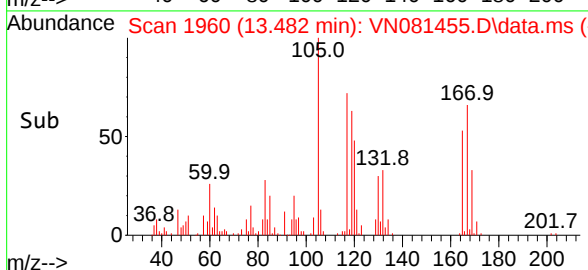
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

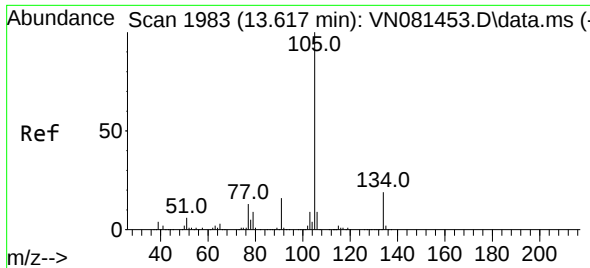


#84
1,2,4-Trimethylbenzene
Concen: 9.964 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15



Tgt Ion:105 Resp: 202670
Ion Ratio Lower Upper
105 100
120 44.8 20.9 62.7





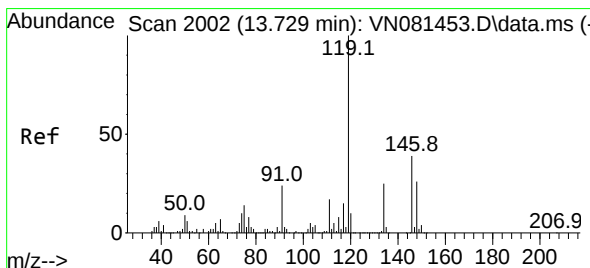
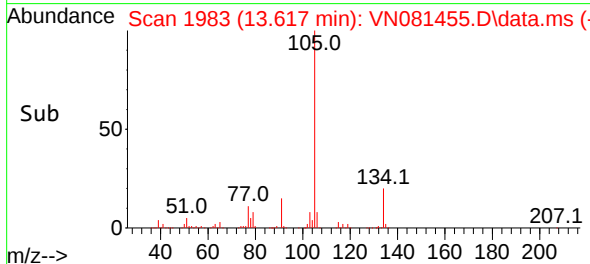
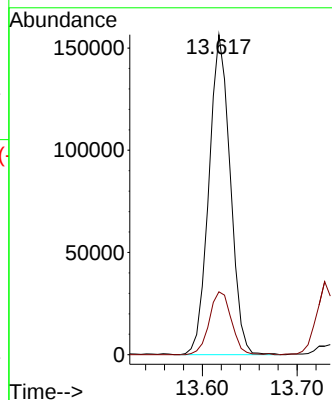
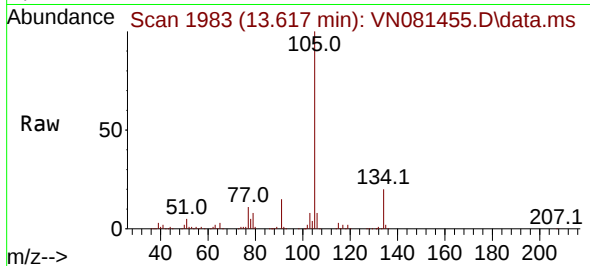
#85
 sec-Butylbenzene
 Concen: 9.804 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 244580
 Ion Ratio Lower Upper
 105 100
 134 20.4 8.6 25.8

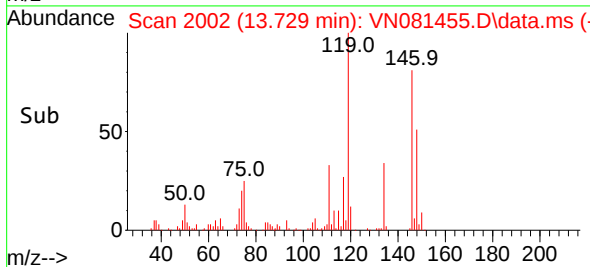
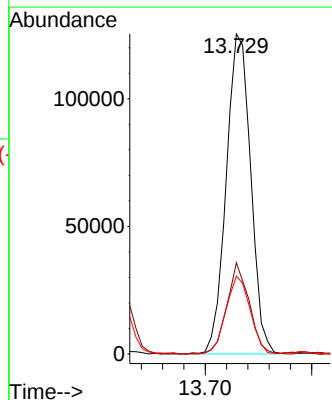
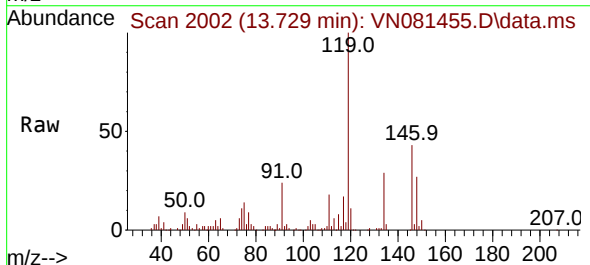
Manual Integrations
 APPROVED

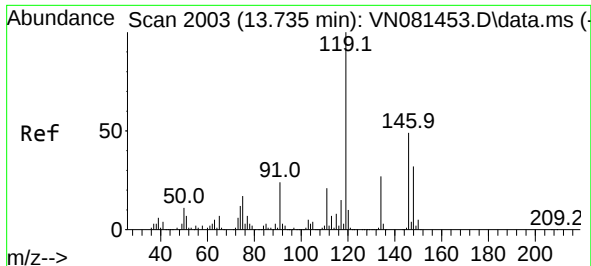
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#86
 p-Isopropyltoluene
 Concen: 9.821 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081455.D
 Acq: 18 Mar 2024 17:15

Tgt Ion:119 Resp: 200275
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 24.1 13.5 40.4





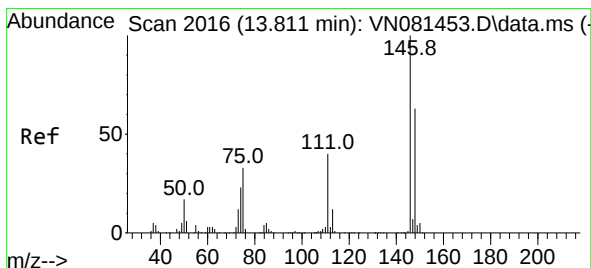
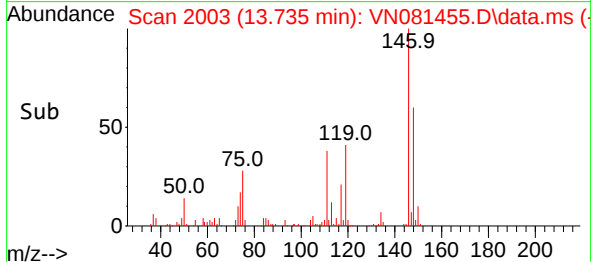
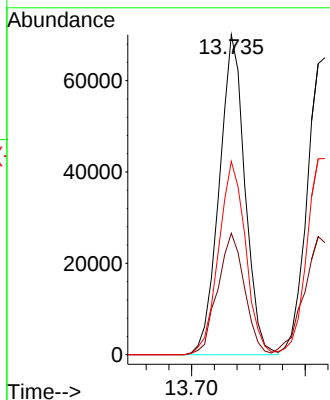
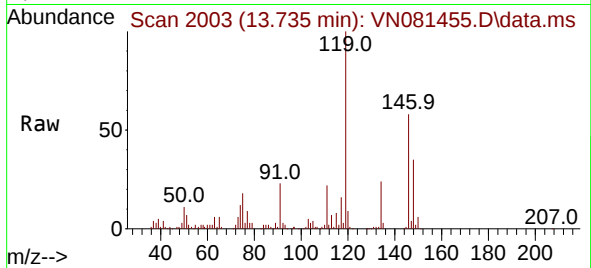
#87
1,3-Dichlorobenzene
Concen: 9.899 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 11086
Ion Ratio Lower Upper
146 100
111 39.8 23.9 71.7
148 63.2 32.6 97.7

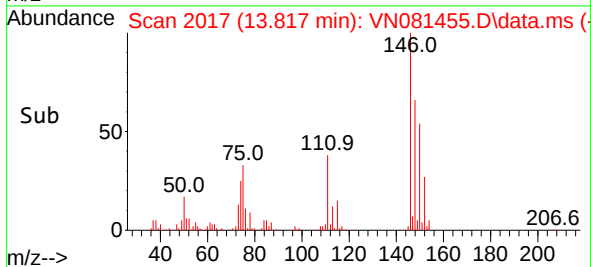
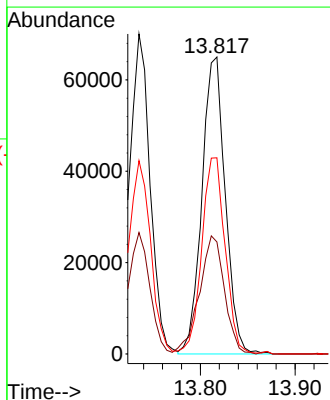
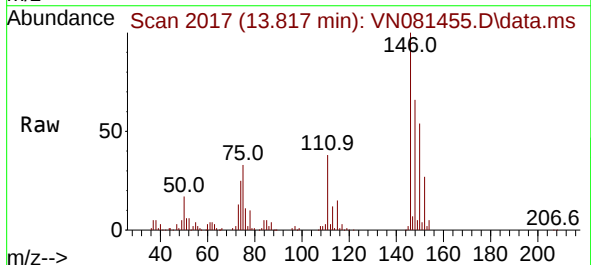
Manual Integrations
APPROVED

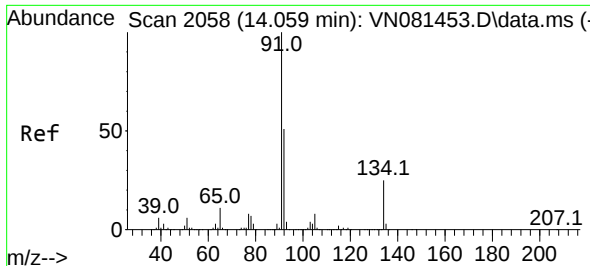
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#88
1,4-Dichlorobenzene
Concen: 9.694 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

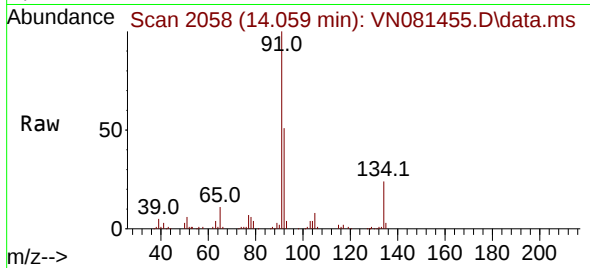
Tgt Ion:146 Resp: 111629
Ion Ratio Lower Upper
146 100
111 42.8 22.6 67.7
148 65.5 31.9 95.5





#89
n-Butylbenzene
Concen: 9.509 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

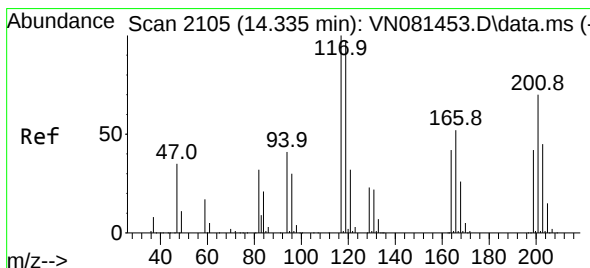
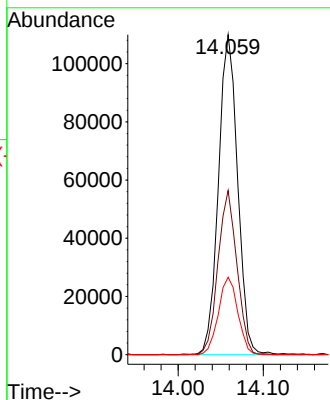
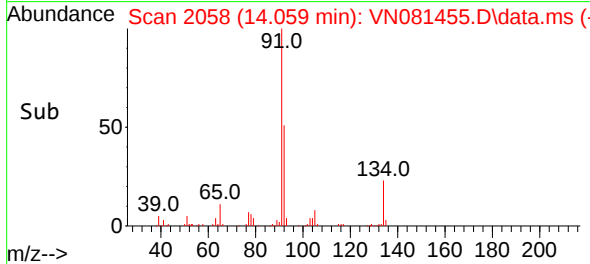
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 171948
Ion Ratio Lower Upper
91 100
92 50.7 26.7 80.1
134 24.5 10.8 32.4

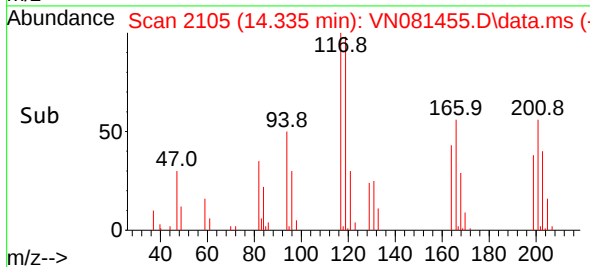
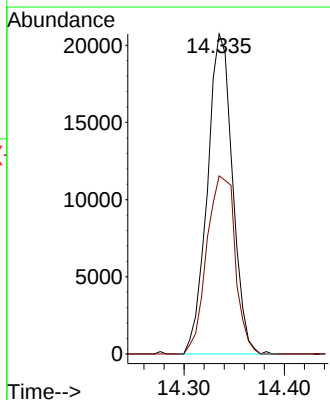
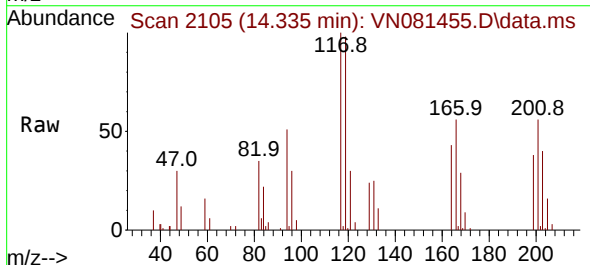
Manual Integrations
APPROVED

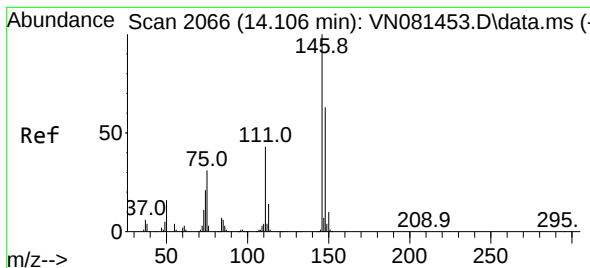
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#90
Hexachloroethane
Concen: 9.346 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion:117 Resp: 36094
Ion Ratio Lower Upper
117 100
201 63.0 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 10.040 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 10746

Ion Ratio Lower Upper

146 100

111 42.6 23.9 71.8

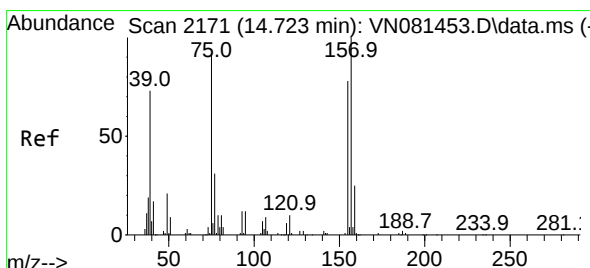
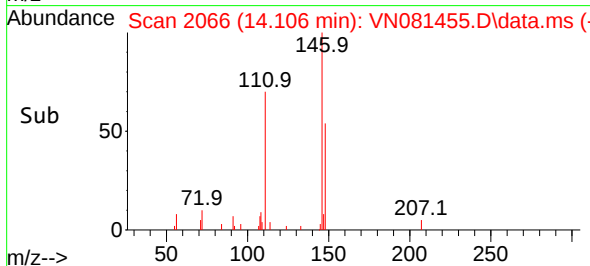
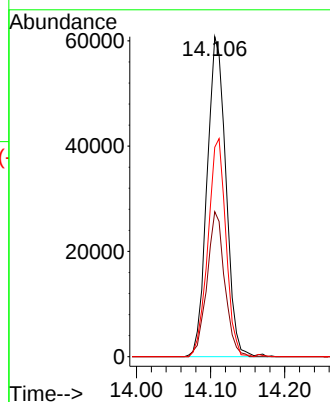
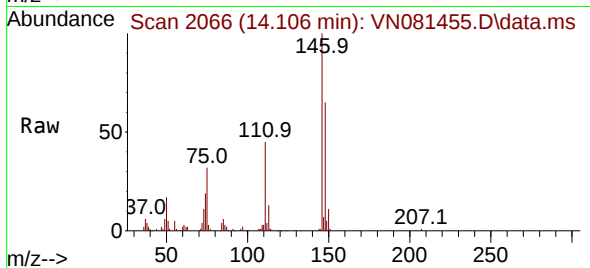
148 64.8 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.936 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081455.D

Acq: 18 Mar 2024 17:15

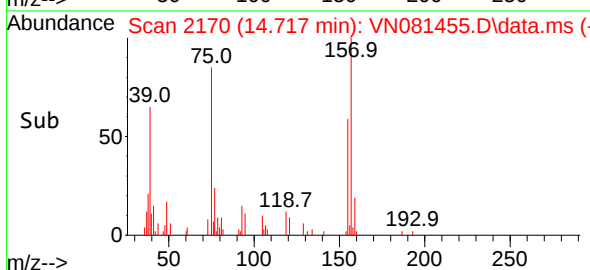
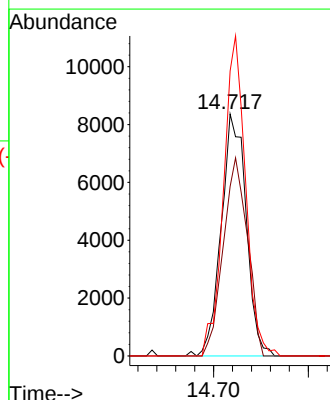
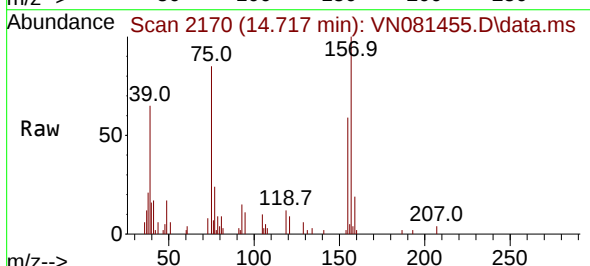
Tgt Ion: 75 Resp: 15233

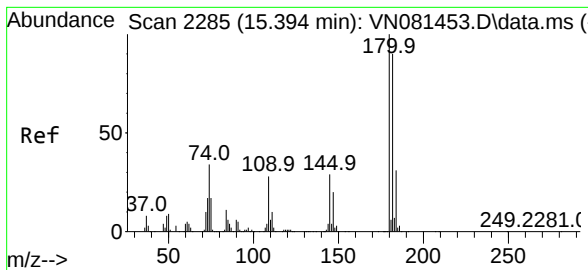
Ion Ratio Lower Upper

75 100

155 80.0 31.8 95.4

157 117.2 41.1 123.4





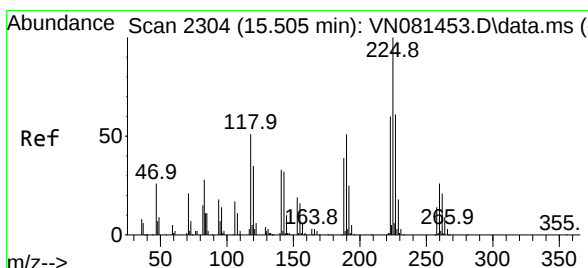
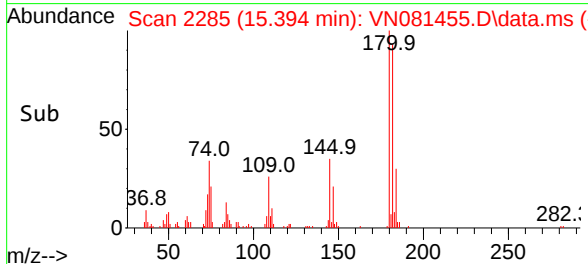
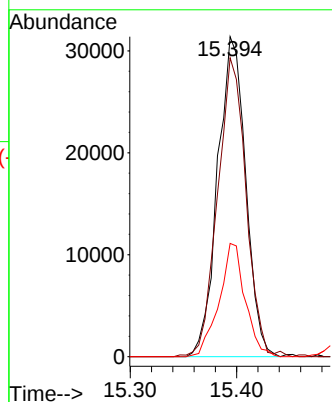
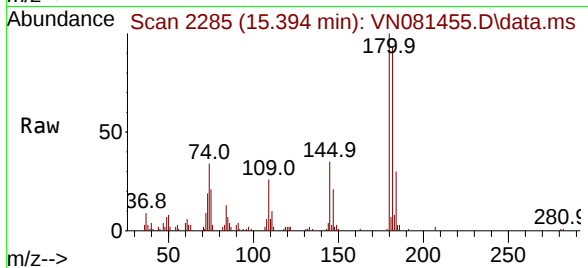
#93
1,2,4-Trichlorobenzene
Concen: 9.287 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 57470
Ion Ratio Lower Upper
180 100
182 94.1 46.6 139.7
145 32.9 16.8 50.3

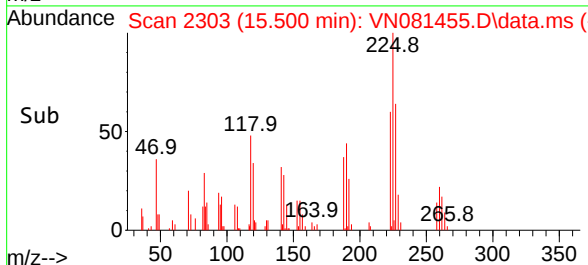
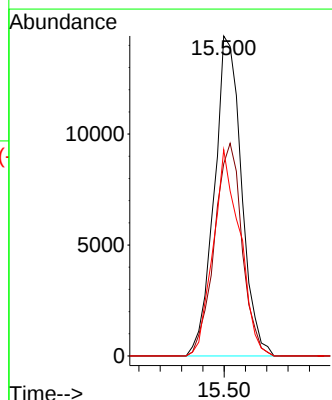
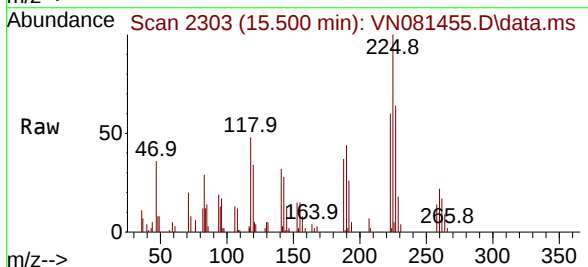
Manual Integrations
APPROVED

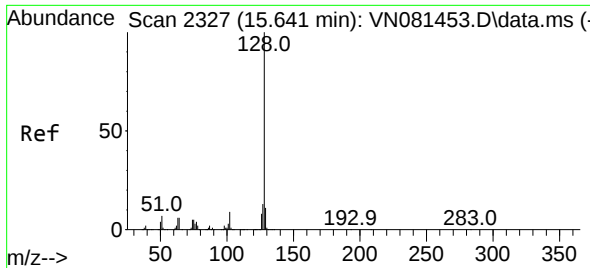
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#94
Hexachlorobutadiene
Concen: 9.409 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

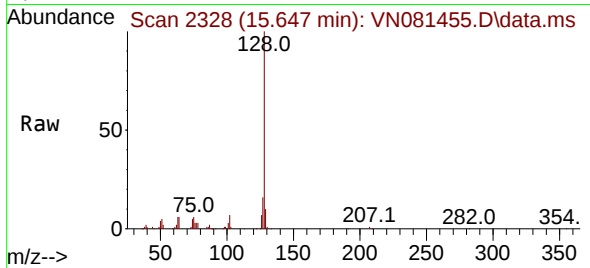
Tgt Ion:225 Resp: 25549
Ion Ratio Lower Upper
225 100
223 67.6 33.3 99.8
227 63.4 33.1 99.2





#95
Naphthalene
Concen: 9.443 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

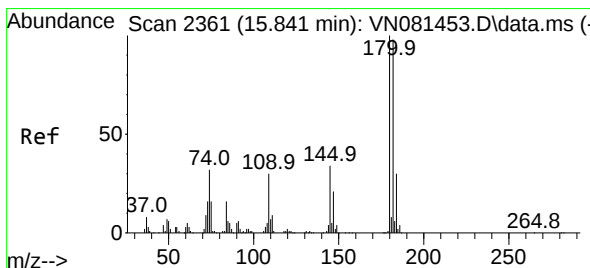
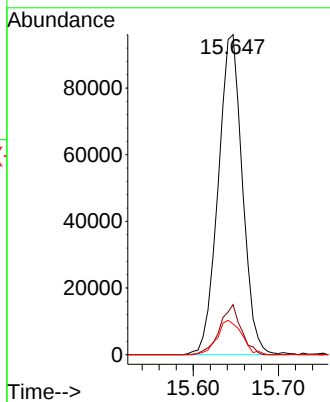
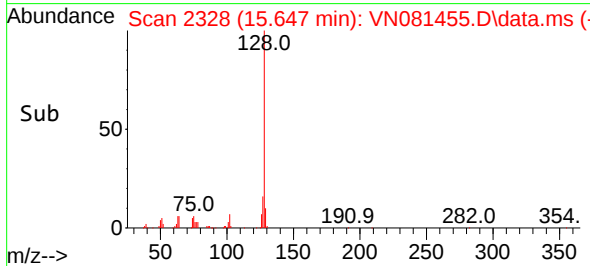
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 18937
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 9.558 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081455.D
Acq: 18 Mar 2024 17:15

Tgt Ion:180 Resp: 59497
Ion Ratio Lower Upper
180 100
182 93.3 46.5 139.3
145 32.4 17.8 53.4

