

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081021.D
 Acq On : 14 Feb 2024 13:01
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:38:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:35:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	641728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1142569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	958865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	358494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72464	9.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.360%#		
35) Dibromofluoromethane	8.165	113	61240	9.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.700%#		
50) Toluene-d8	10.571	98	206497	8.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.880%#		
62) 4-Bromofluorobenzene	12.847	95	71924	9.153	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83997	10.206	ug/l	93
3) Chloromethane	2.365	50	97571	9.671	ug/l	92
4) Vinyl Chloride	2.518	62	81157	9.389	ug/l #	89
5) Bromomethane	2.965	94	41490	9.513	ug/l	96
6) Chloroethane	3.124	64	51199	9.213	ug/l	90
7) Trichlorofluoromethane	3.501	101	116397	9.567	ug/l	91
8) Diethyl Ether	3.959	74	45475	9.427	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	67327	9.377	ug/l #	88
10) Methyl Iodide	4.589	142	69043	9.469	ug/l	97
11) Tert butyl alcohol	5.512	59	72621	51.291	ug/l	99
12) 1,1-Dichloroethene	4.336	96	67436	9.642	ug/l	88
13) Acrolein	4.177	56	58714	44.734	ug/l	98
14) Allyl chloride	5.018	41	107614	9.448	ug/l	93
15) Acrylonitrile	5.712	53	174351	48.080	ug/l	95
16) Acetone	4.430	43	147311	47.674	ug/l	90
17) Carbon Disulfide	4.718	76	185303	9.144	ug/l #	95
18) Methyl Acetate	5.024	43	80326	9.870	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	237986	9.752	ug/l	98
20) Methylene Chloride	5.277	84	74505	9.257	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	72908	9.482	ug/l	92
22) Diisopropyl ether	6.677	45	236756	9.503	ug/l	98
23) Vinyl Acetate	6.600	43	972465	48.438	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	135232	9.734	ug/l	96
25) 2-Butanone	7.477	43	245352	48.910	ug/l	93
26) 2,2-Dichloropropane	7.494	77	122625	9.590	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	83979	9.450	ug/l	90
28) Bromochloromethane	7.812	49	50910	9.077	ug/l #	68
29) Tetrahydrofuran	7.836	42	161161	49.989	ug/l	92
30) Chloroform	7.965	83	140498	9.423	ug/l	90
31) Cyclohexane	8.259	56	141924	10.350	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	125111	9.503	ug/l	90
36) 1,1-Dichloropropene	8.377	75	106848	9.776	ug/l	96
37) Ethyl Acetate	7.559	43	94083	9.410	ug/l	98
38) Carbon Tetrachloride	8.365	117	75028	9.378	ug/l	99
39) Methylcyclohexane	9.600	83	126129	9.380	ug/l	91
40) Benzene	8.606	78	305531	9.453	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59111	9.739	ug/l	94
42) 1,2-Dichloroethane	8.677	62	104082	9.072	ug/l	98
43) Isopropyl Acetate	8.688	43	180013	9.610	ug/l	96
44) Trichloroethene	9.353	130	90572	9.461	ug/l	94
45) 1,2-Dichloropropane	9.624	63	74692	9.342	ug/l	96
46) Dibromomethane	9.712	93	52670	9.332	ug/l #	89
47) Bromodichloromethane	9.888	83	103750	9.380	ug/l #	95
48) Methyl methacrylate	9.683	41	84004	9.525	ug/l	95
49) 1,4-Dioxane	9.700	88	36023	179.484	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	513981	49.199	ug/l	96
52) Toluene	10.630	92	188719	9.347	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	120887	9.277	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	126432	9.174	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	72398	9.535	ug/l	91
56) Ethyl methacrylate	10.877	69	115445	9.286	ug/l	90
57) 1,3-Dichloropropane	11.165	76	126935	9.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	286584	46.458	ug/l #	88
59) 2-Hexanone	11.194	43	374755	48.845	ug/l	96
60) Dibromochloromethane	11.359	129	64493	8.933	ug/l	99
61) 1,2-Dibromoethane	11.471	107	73265	9.177	ug/l	97
64) Tetrachloroethene	11.106	164	94980	9.716	ug/l	89
65) Chlorobenzene	11.894	112	191962	9.547	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	66114	9.551	ug/l	97
67) Ethyl Benzene	11.965	91	364109	9.605	ug/l	99
68) m/p-Xylenes	12.071	106	273929	19.596	ug/l	95
69) o-Xylene	12.400	106	129285	9.536	ug/l	99
70) Styrene	12.412	104	209156	9.680	ug/l	98
71) Bromoform	12.576	173	35269	10.014	ug/l #	97
73) Isopropylbenzene	12.694	105	337742	9.325	ug/l	98
74) N-amyl acetate	12.494	43	155828	9.351	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	85874	9.659	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	90495m	11.620	ug/l	
77) Bromobenzene	12.982	156	68851	9.385	ug/l	81
78) n-propylbenzene	13.035	91	384567	9.304	ug/l	96
79) 2-Chlorotoluene	13.123	91	221087	9.261	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	266344	9.478	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	31234	9.179	ug/l	86
82) 4-Chlorotoluene	13.223	91	220084	9.540	ug/l	97
83) tert-Butylbenzene	13.441	119	221076	9.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	257232	9.500	ug/l	99
85) sec-Butylbenzene	13.618	105	314213	9.518	ug/l	95
86) p-Isopropyltoluene	13.729	119	253017	9.530	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	118824	9.525	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	121721	9.443	ug/l	98
89) n-Butylbenzene	14.059	91	217088	8.933	ug/l	98
90) Hexachloroethane	14.341	117	4056m	9.122	ug/l	
91) 1,2-Dichlorobenzene	14.106	146	113259	9.365	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20082	9.988	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	65260	9.007	ug/l	98
94) Hexachlorobutadiene	15.506	225	26365	8.799	ug/l	95
95) Naphthalene	15.641	128	235548	9.138	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	65193	9.182	ug/l	94

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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ClientSampleId :

VSTDIC010

Manual Integrations

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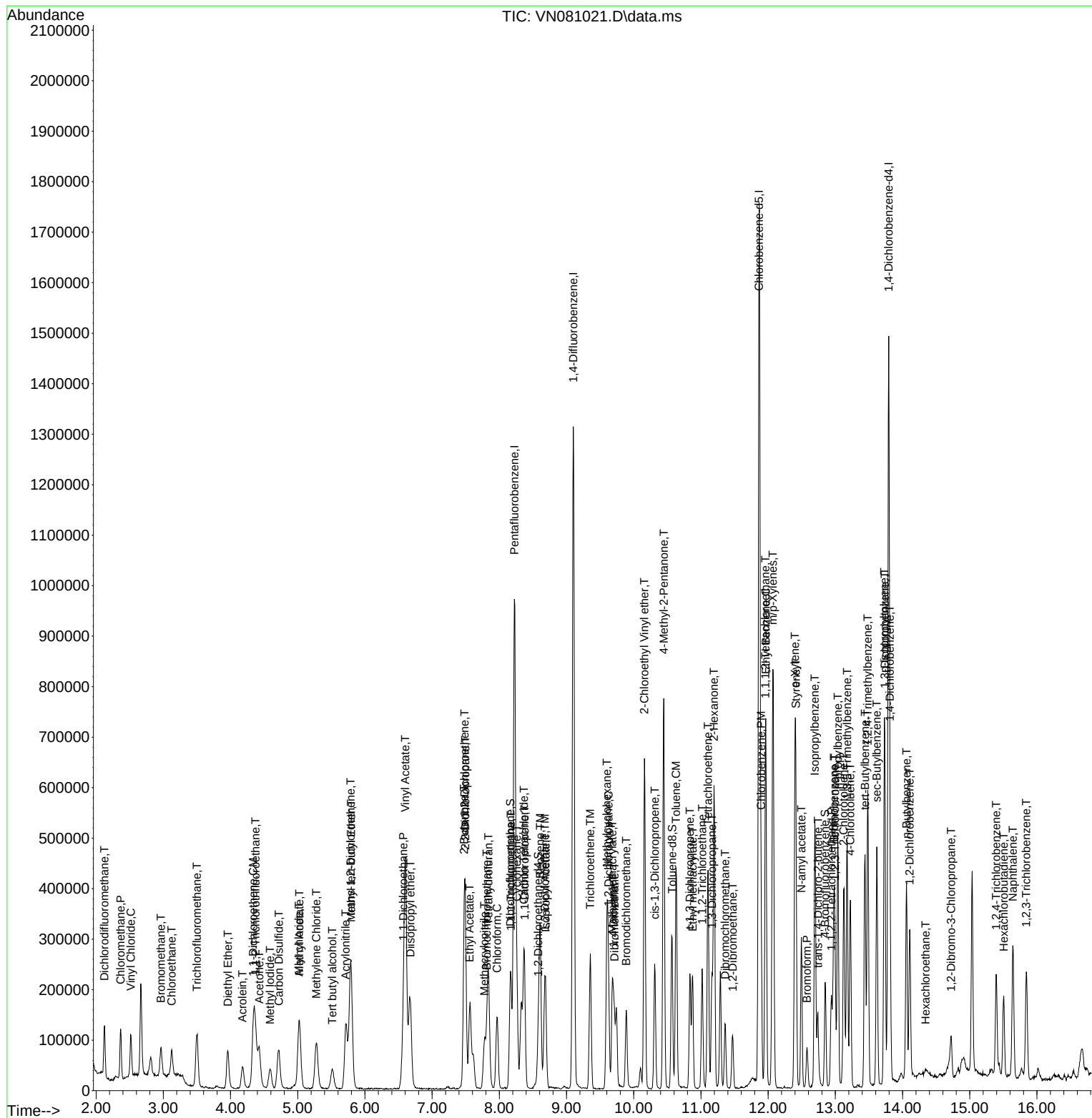
Quant Time: Feb 15 07:38:41 2024

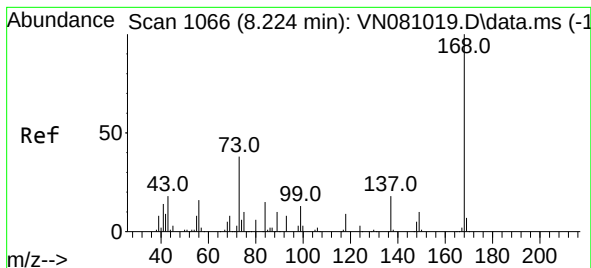
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Quant Title : SW846 8260

QLast Update : Thu Feb 15 07:35:29 2024

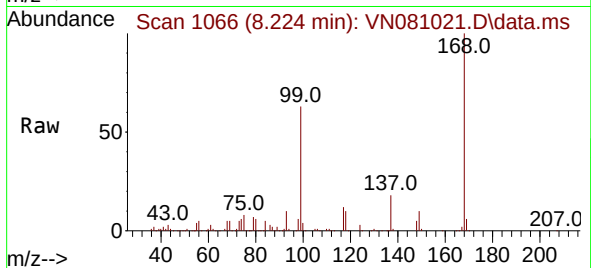
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081021.D
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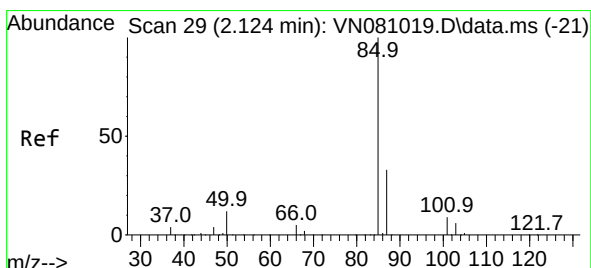
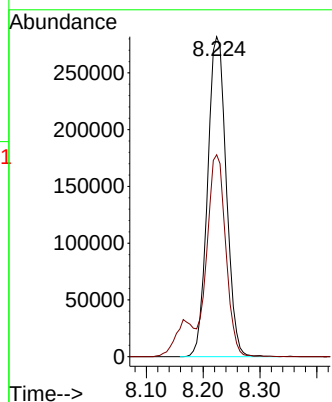
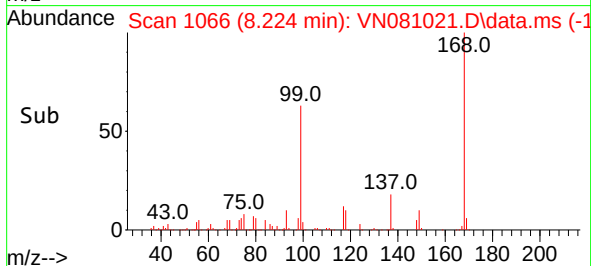
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



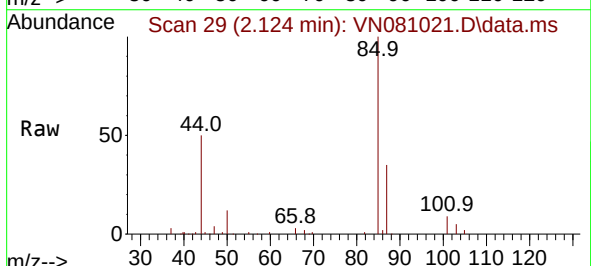
Tgt Ion:168 Resp: 641728
Ion Ratio Lower Upper
168 100
99 63.0 59.9 89.9

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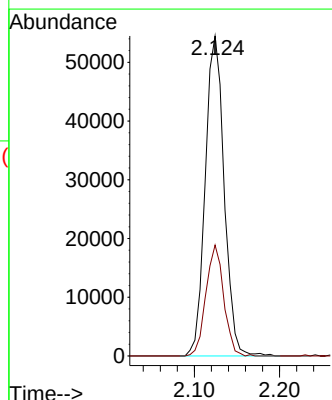
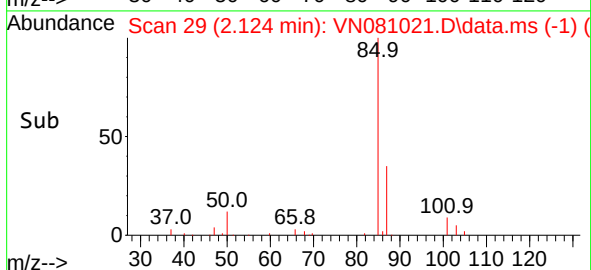
Reviewed By :John Carlone 02/15/2024
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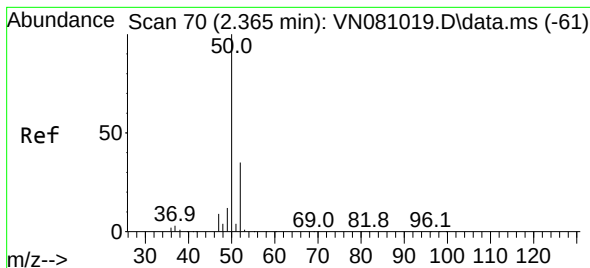


#2
Dichlorodifluoromethane
Concen: 10.206 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



Tgt Ion: 85 Resp: 83997
Ion Ratio Lower Upper
85 100
87 34.7 15.3 45.9





#3

Chloromethane

Concen: 9.671 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 50 Resp: 9757

Ion Ratio Lower Upper

50 100

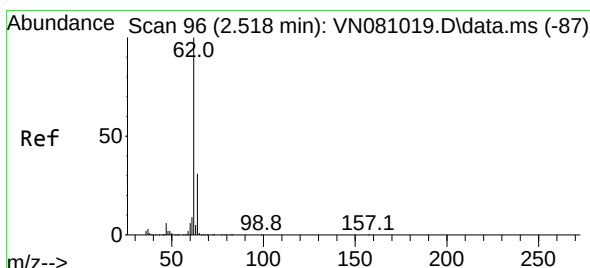
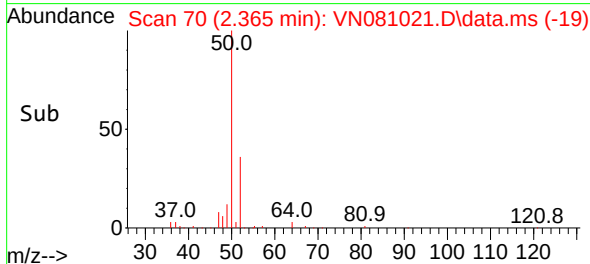
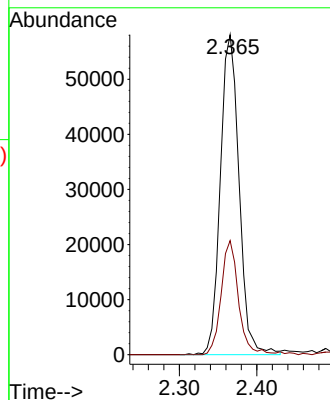
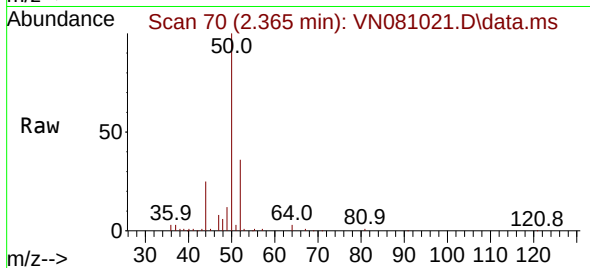
52 35.7 25.0 37.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.389 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081021.D

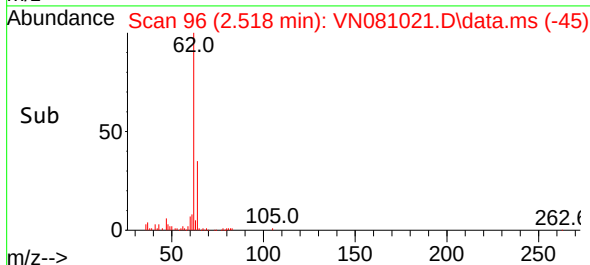
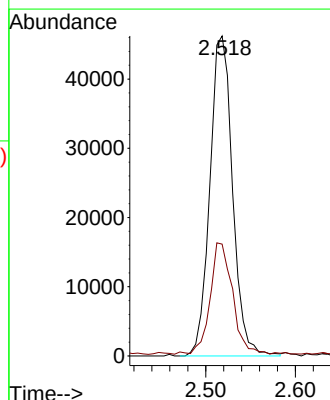
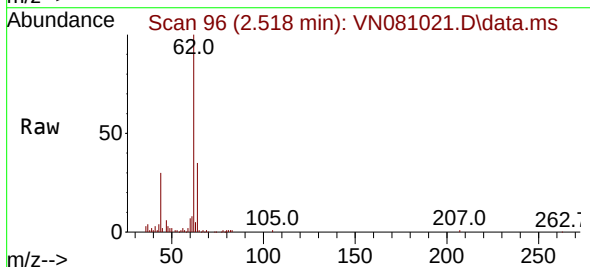
Acq: 14 Feb 2024 13:01

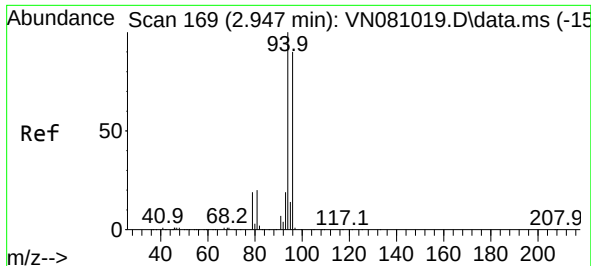
Tgt Ion: 62 Resp: 81157

Ion Ratio Lower Upper

62 100

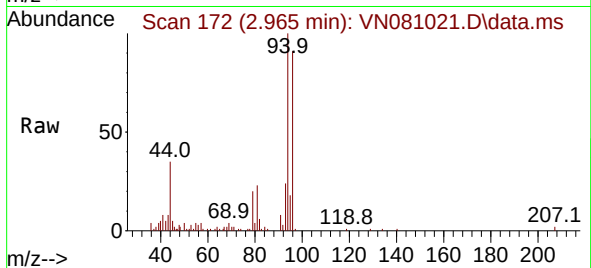
64 34.1 22.7 34.1#





#5
Bromomethane
Concen: 9.513 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

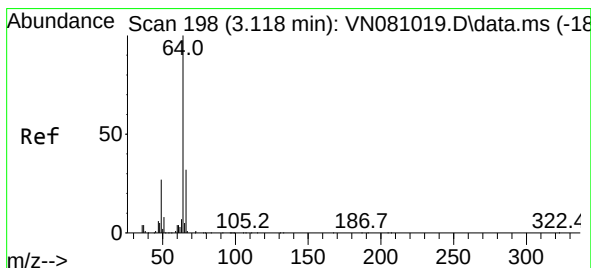
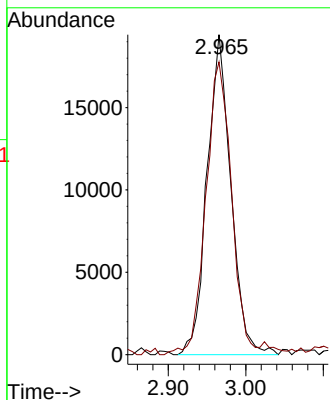
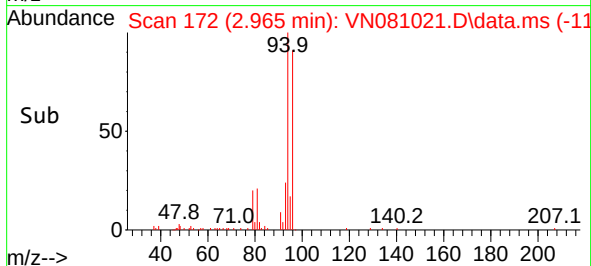
Instrument :
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Tgt Ion: 94 Resp: 41490
Ion Ratio Lower Upper
94 100
96 89.8 69.2 103.8

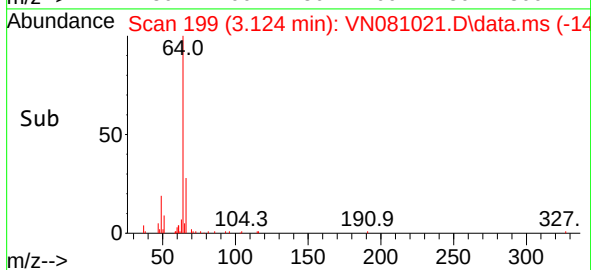
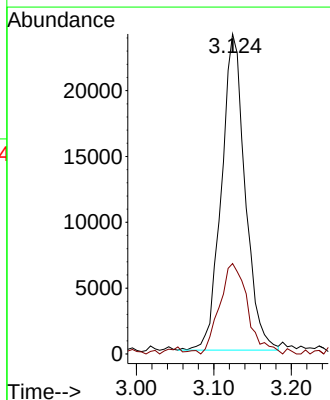
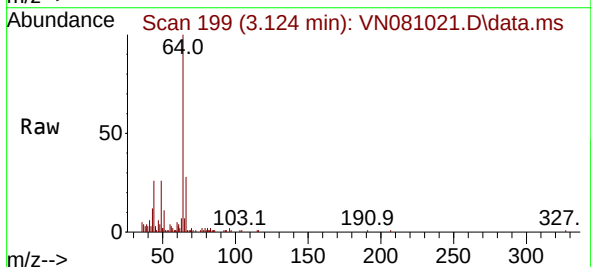
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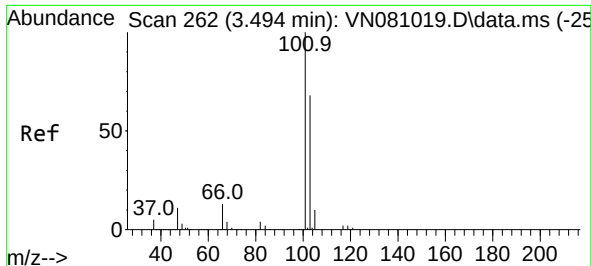
Reviewed By :John Carlone 02/15/2024
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#6
Chloroethane
Concen: 9.213 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion: 64 Resp: 51199
Ion Ratio Lower Upper
64 100
66 27.5 26.4 39.6





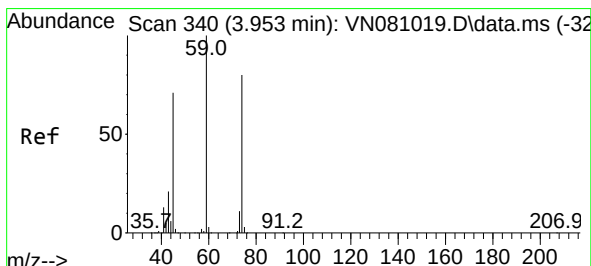
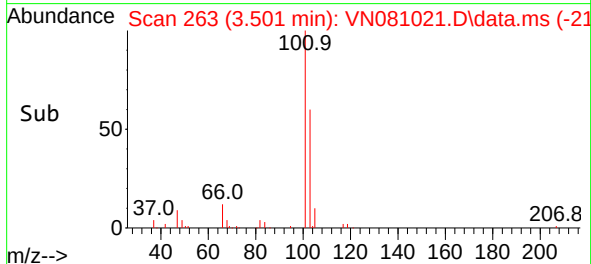
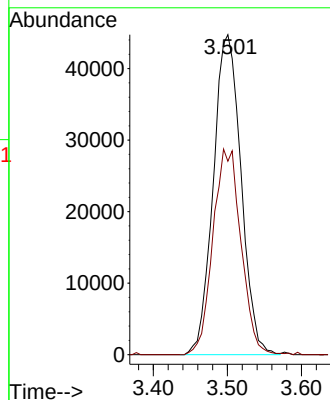
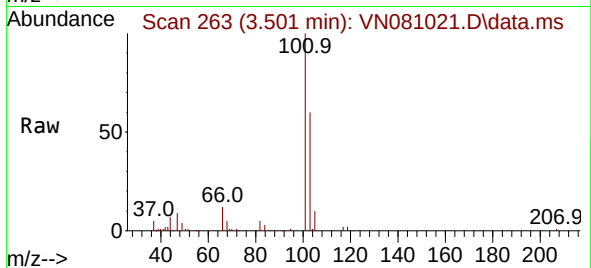
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Trichlorofluoromethane
Concen: 9.567 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 11639
Ion Ratio Lower Upper
101 100
103 60.4 54.4 81.6

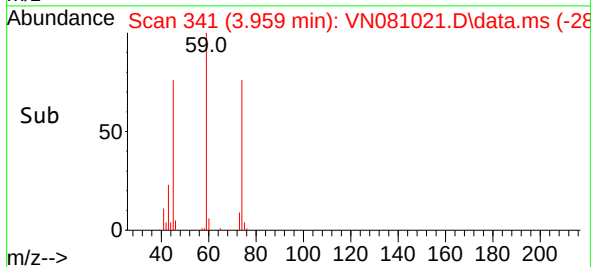
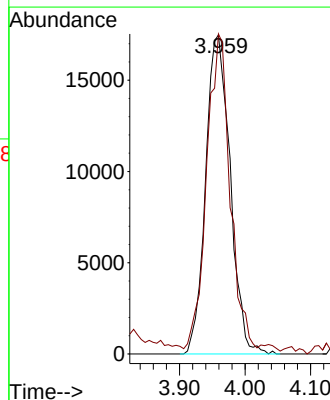
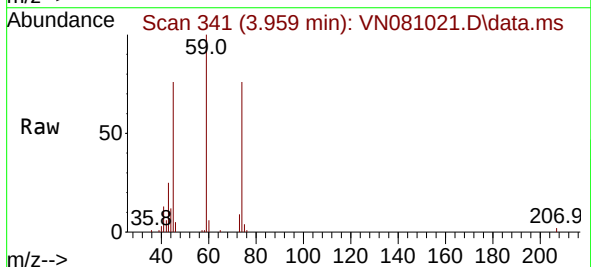
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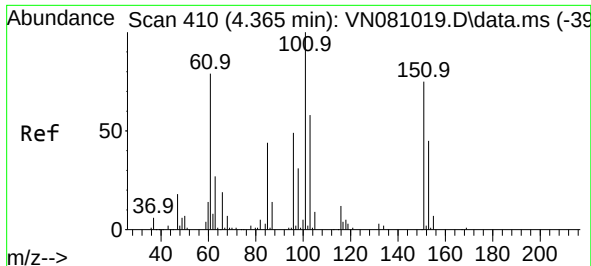
Reviewed By :John Carlone 02/15/2024
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#8
Diethyl Ether
Concen: 9.427 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion: 74 Resp: 45475
Ion Ratio Lower Upper
74 100
45 93.8 53.3 159.9





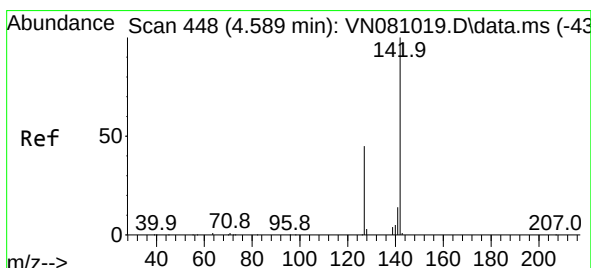
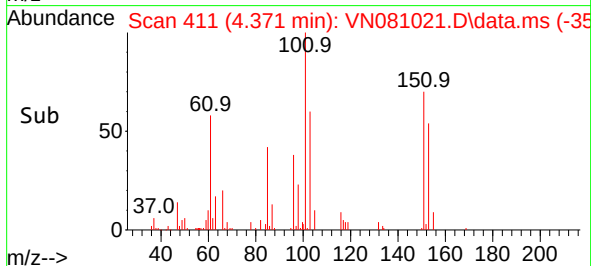
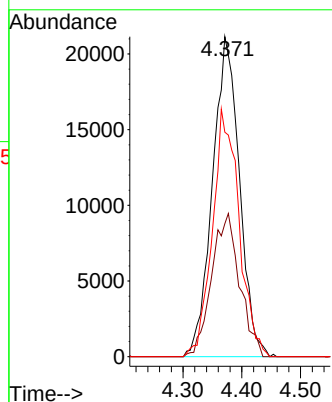
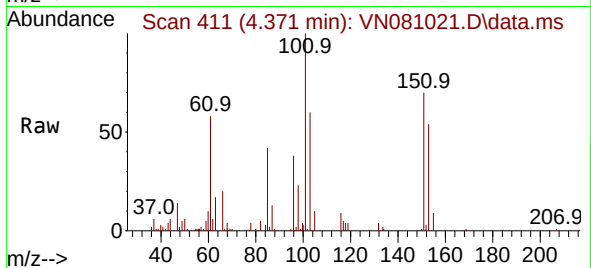
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.377 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 6732
Ion Ratio Lower Upper
101 100
85 46.6 38.1 57.1
151 76.2 49.1 73.7

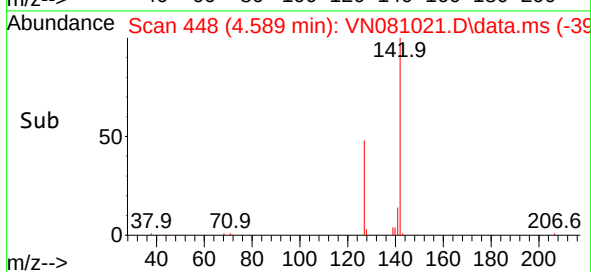
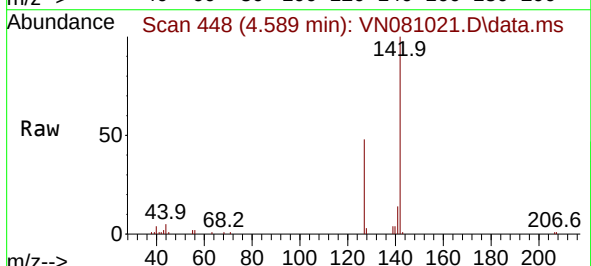
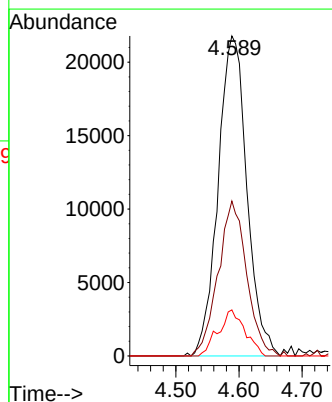
Manual Integrations
APPROVED

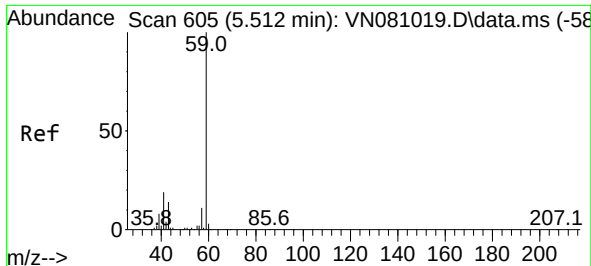
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#10
Methyl Iodide
Concen: 9.469 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

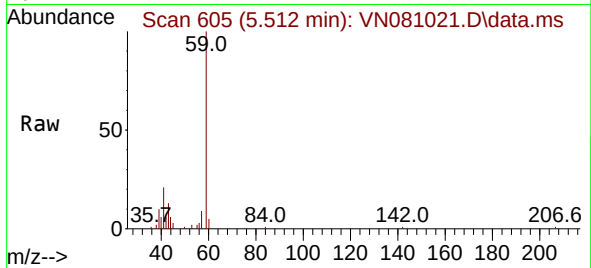
Tgt Ion:142 Resp: 69043
Ion Ratio Lower Upper
142 100
127 48.4 37.0 55.4
141 14.4 12.5 18.7





#11
Tert butyl alcohol
Concen: 51.291 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

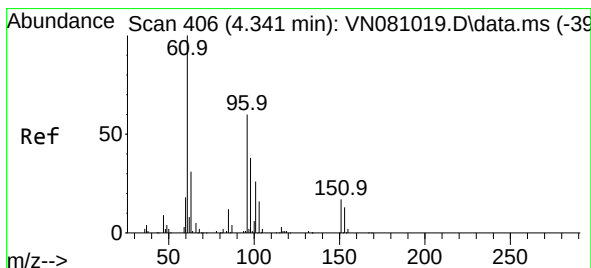
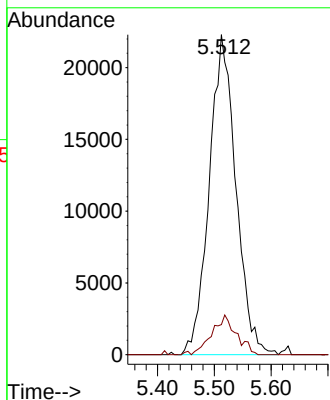
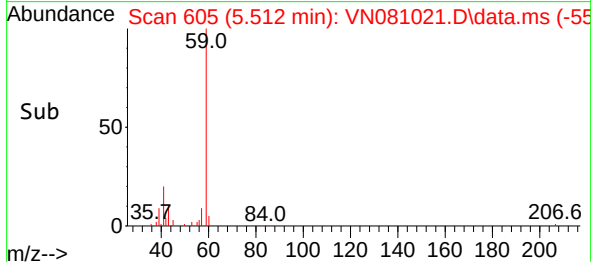
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



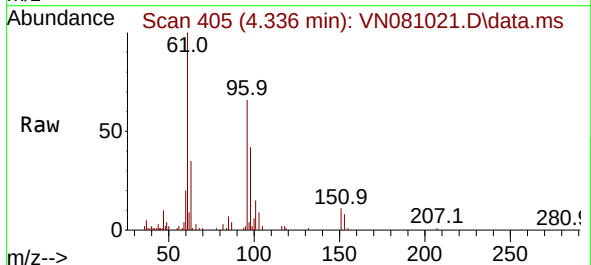
Tgt Ion: 59 Resp: 7262
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

Manual Integrations
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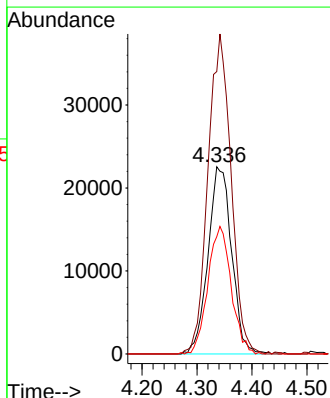
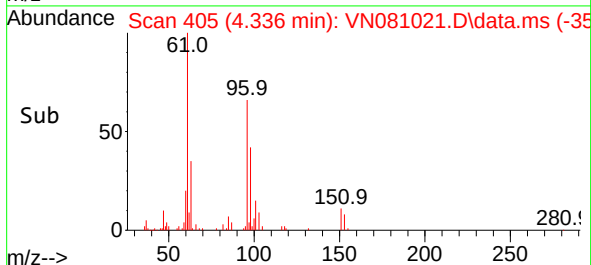
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

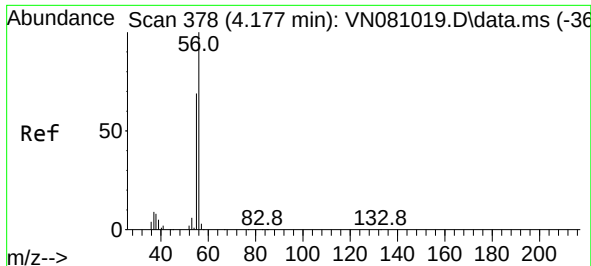


#12
1,1-Dichloroethene
Concen: 9.642 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



Tgt Ion: 96 Resp: 67436
Ion Ratio Lower Upper
96 100
61 150.9 138.2 207.4
98 62.7 49.2 73.8





#13

Acrolein

Concen: 44.734 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 58714

Ion Ratio Lower Upper

56 100

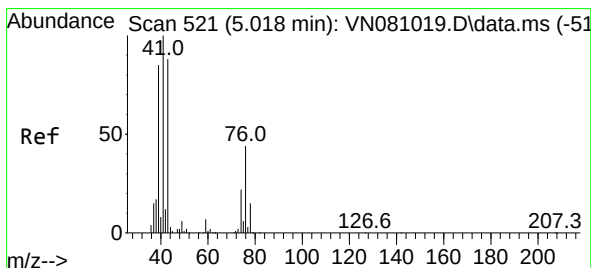
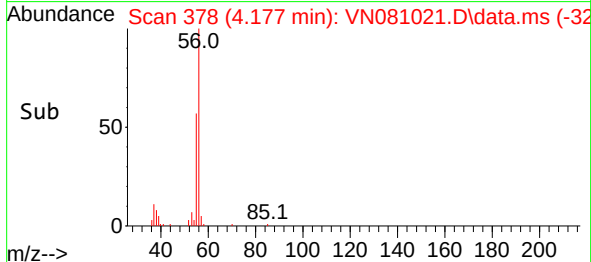
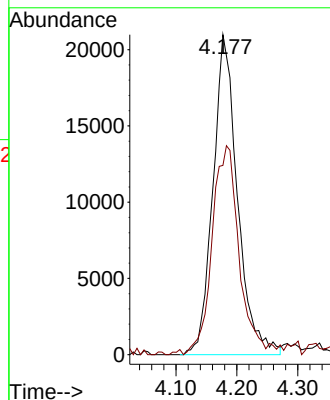
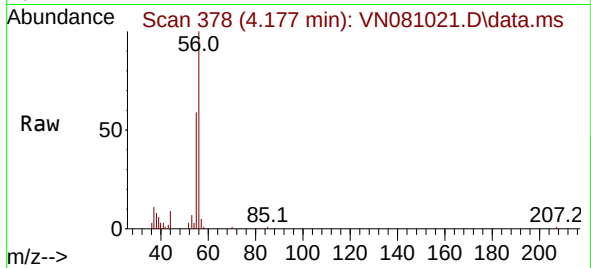
55 70.8 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#14

Allyl chloride

Concen: 9.448 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

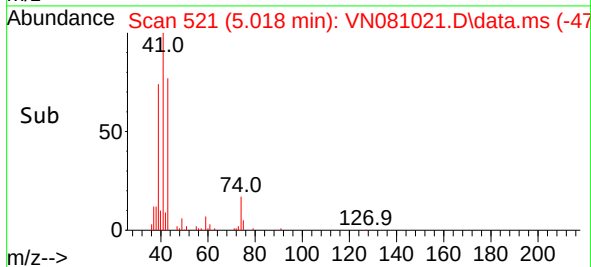
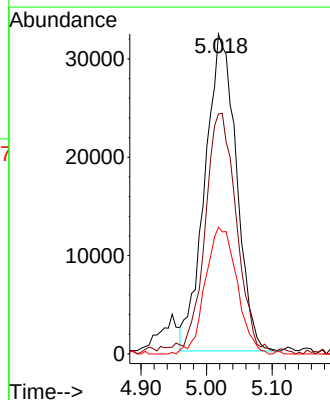
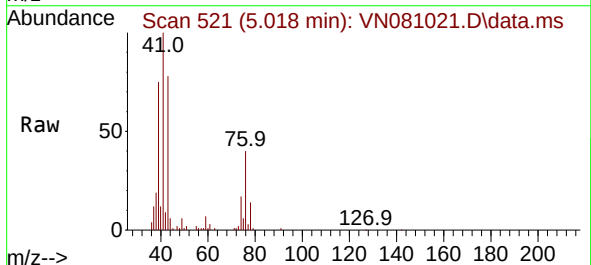
Tgt Ion: 41 Resp: 107614

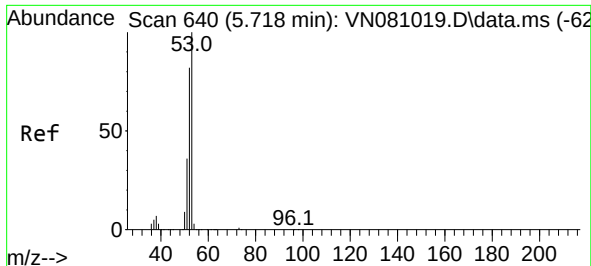
Ion Ratio Lower Upper

41 100

39 75.7 57.7 86.5

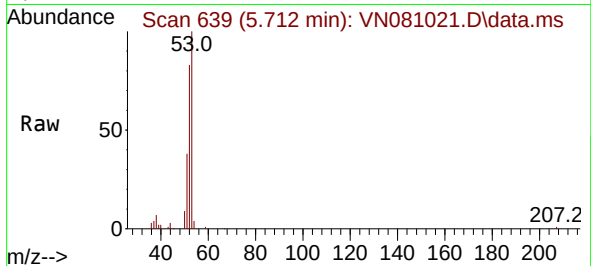
76 40.2 26.8 40.2





#15
Acrylonitrile
Concen: 48.080 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

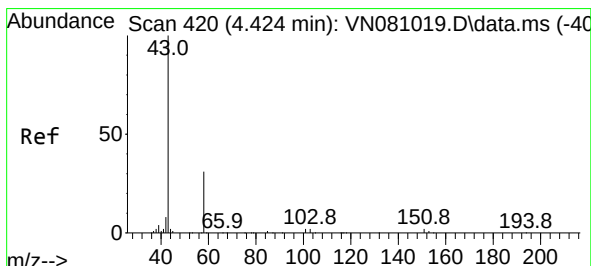
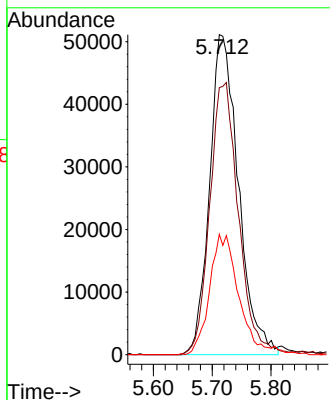
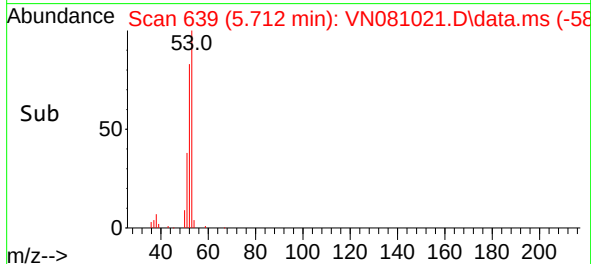
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 17435
Ion Ratio Lower Upper
53 100
52 84.7 64.8 97.2
51 38.6 26.9 40.3

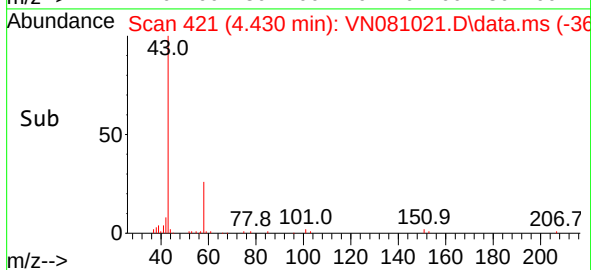
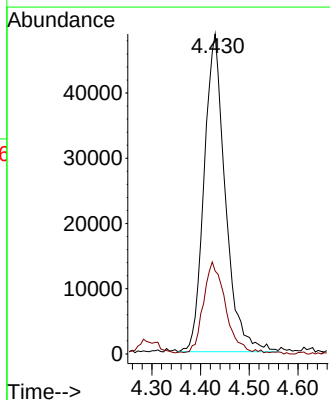
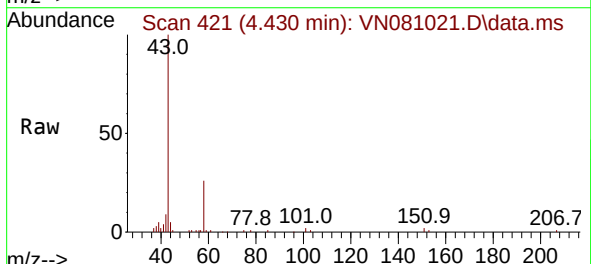
Manual Integrations
APPROVED

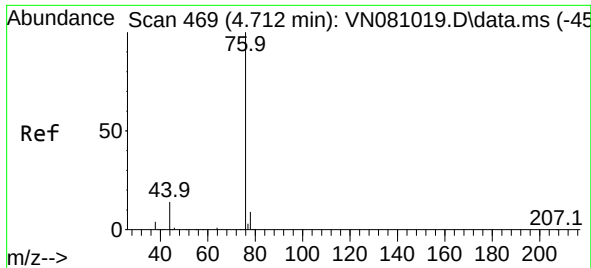
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#16
Acetone
Concen: 47.674 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion: 43 Resp: 147311
Ion Ratio Lower Upper
43 100
58 25.6 24.8 37.2





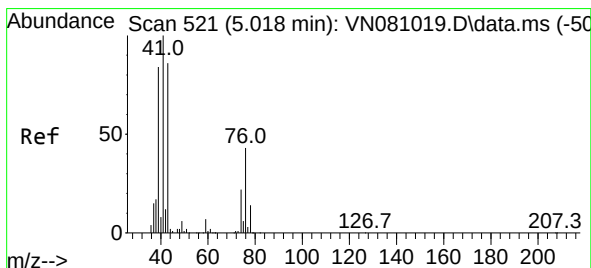
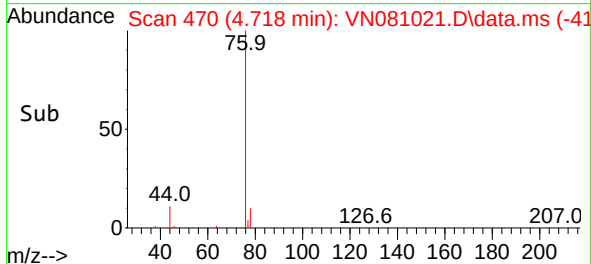
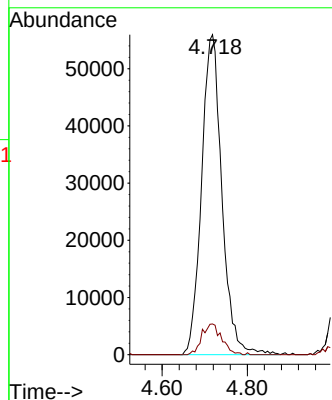
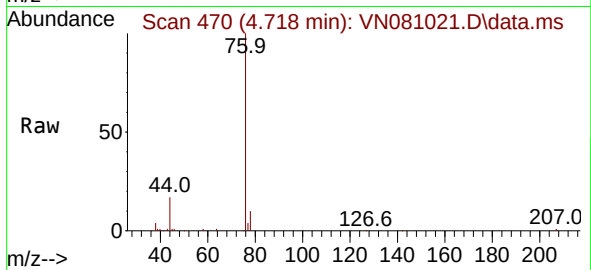
#17
Carbon Disulfide
Concen: 9.144 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 18530
Ion Ratio Lower Upper
76 100
78 9.6 6.3 9.5

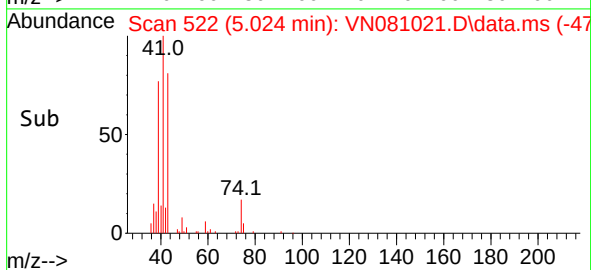
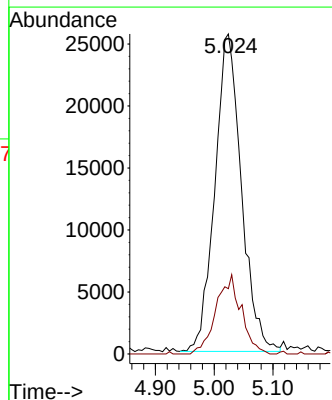
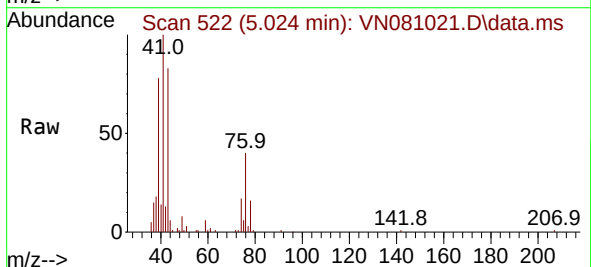
Manual Integrations
APPROVED

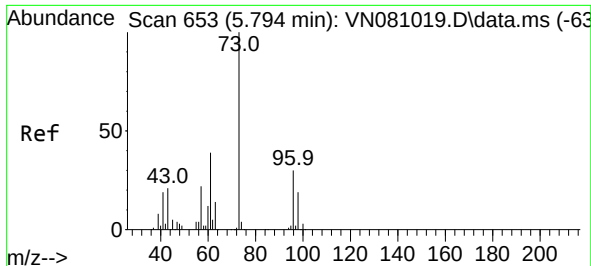
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#18
Methyl Acetate
Concen: 9.870 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion: 43 Resp: 80326
Ion Ratio Lower Upper
43 100
74 23.6 17.3 25.9





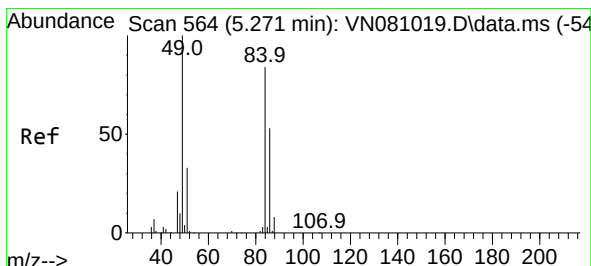
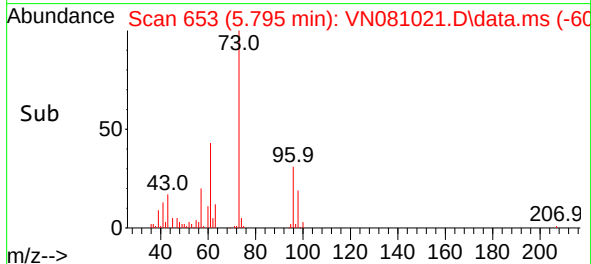
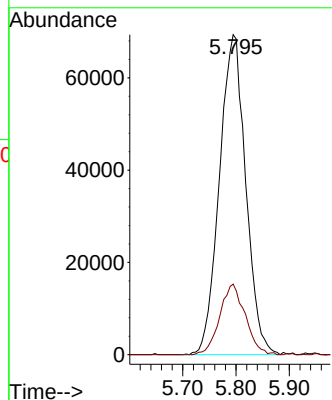
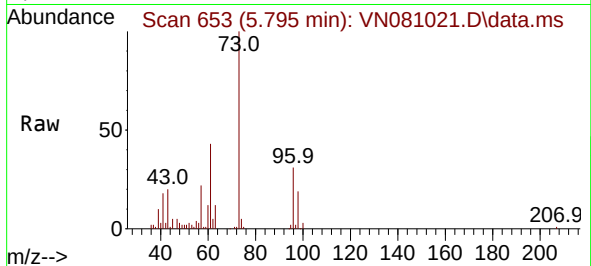
#19
Methyl tert-butyl Ether
Concen: 9.752 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 23798
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4

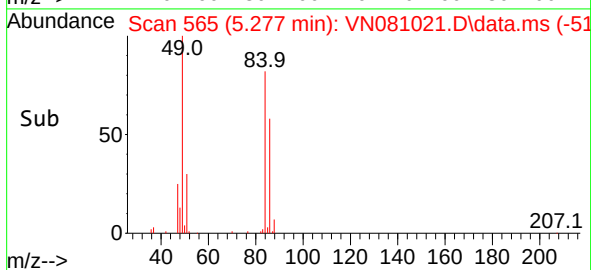
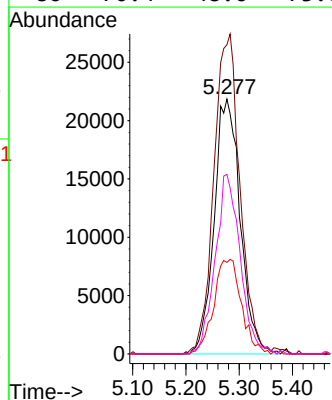
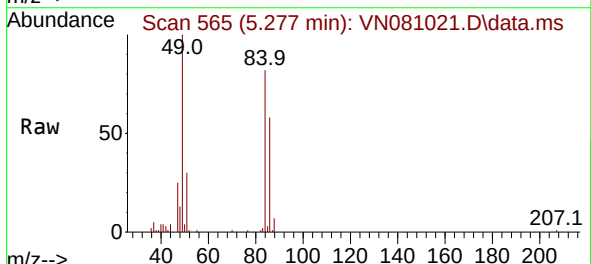
Manual Integrations
APPROVED

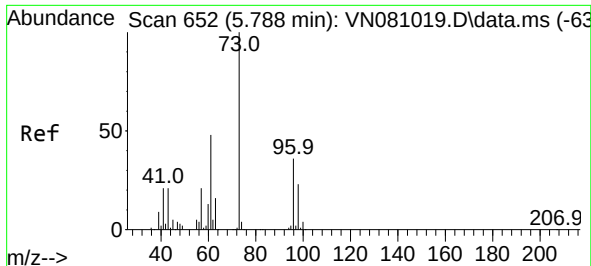
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#20
Methylene Chloride
Concen: 9.257 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

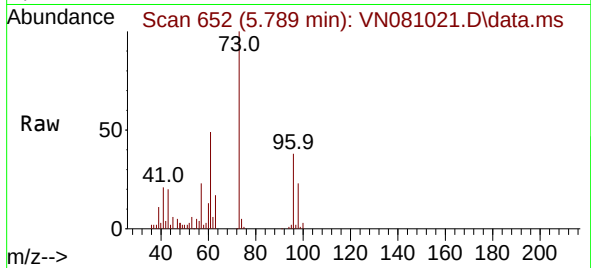
Tgt Ion: 84 Resp: 74505
Ion Ratio Lower Upper
84 100
49 121.3 108.1 162.1
51 35.9 32.9 49.3
86 70.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 9.482 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

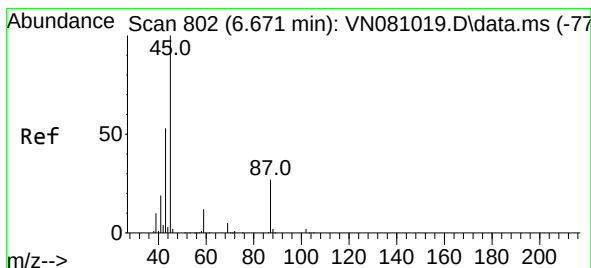
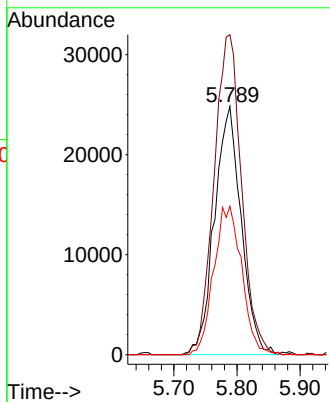
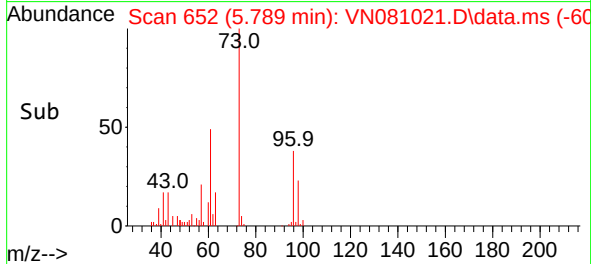
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 72908
Ion Ratio Lower Upper
96 100
61 128.9 112.8 169.2
98 59.7 51.0 76.4

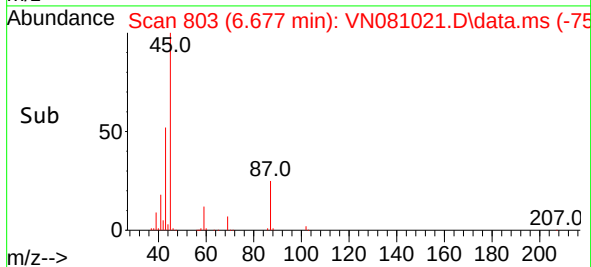
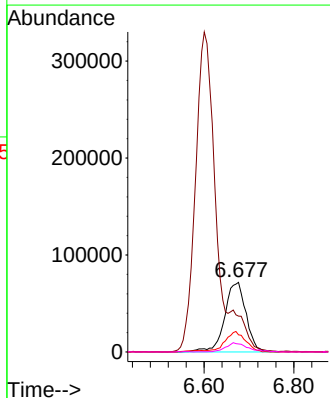
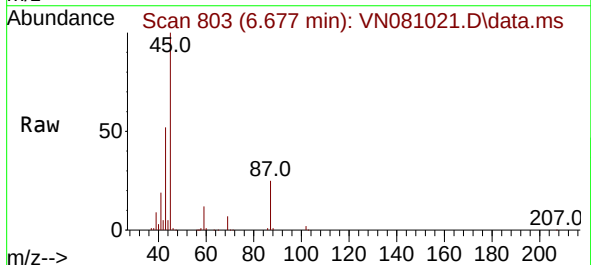
Manual Integrations
APPROVED

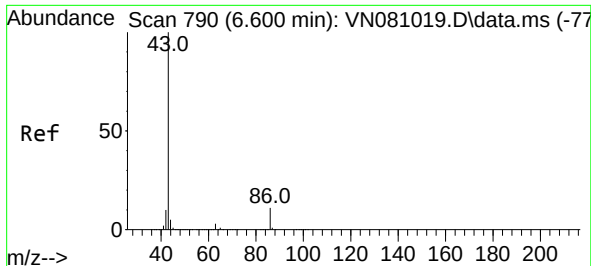
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#22
Diisopropyl ether
Concen: 9.503 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion: 45 Resp: 236756
Ion Ratio Lower Upper
45 100
43 50.7 41.8 62.8
87 24.5 18.1 27.1
59 11.2 9.0 13.6





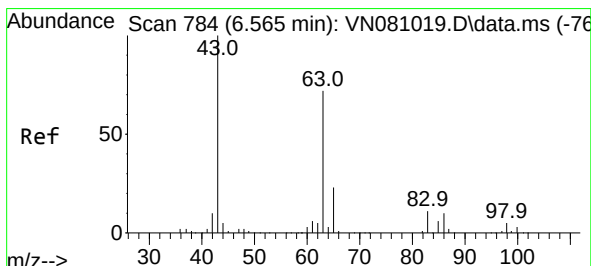
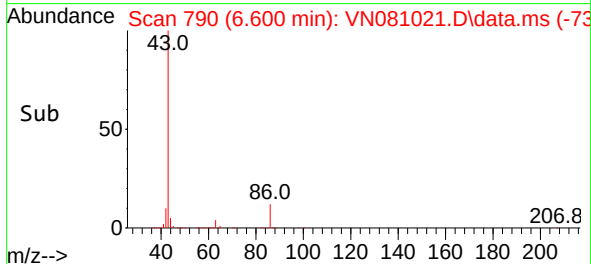
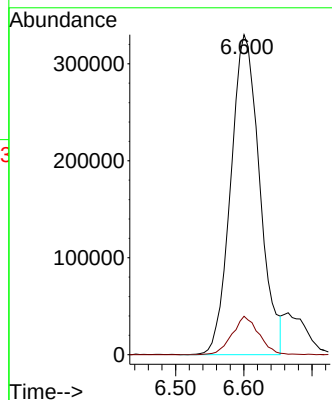
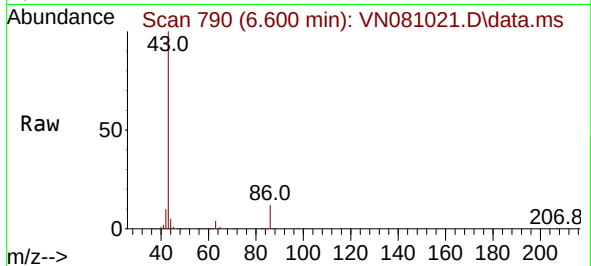
#23
 Vinyl Acetate
 Concen: 48.438 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081021.D
 Acq: 14 Feb 2024 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 97246
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7

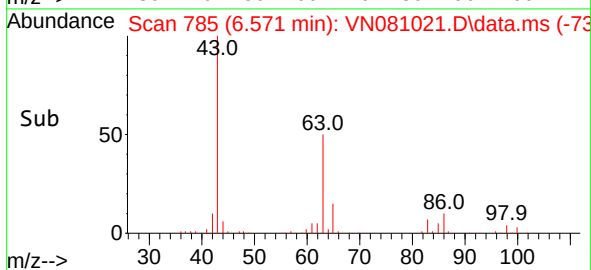
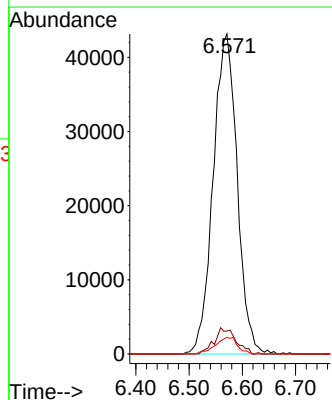
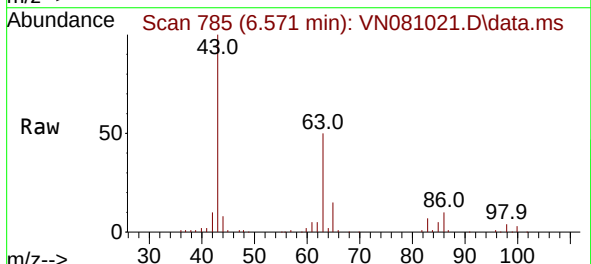
Manual Integrations
 APPROVED

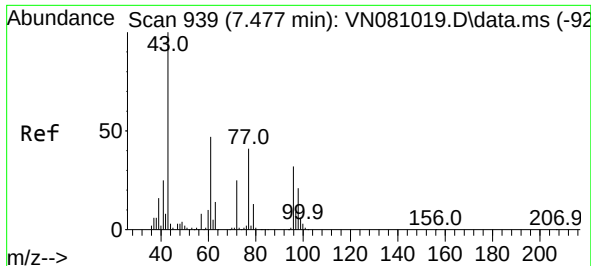
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#24
 1,1-Dichloroethane
 Concen: 9.734 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081021.D
 Acq: 14 Feb 2024 13:01

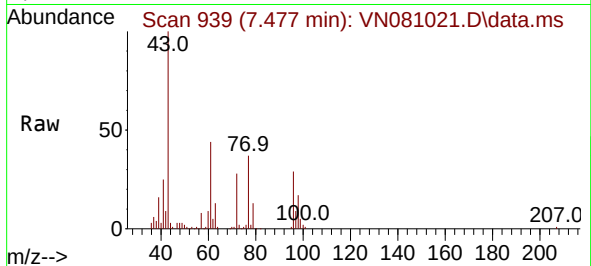
Tgt Ion: 63 Resp: 135232
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.6
 100 5.2 1.9 5.7





#25
2-Butanone
Concen: 48.910 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

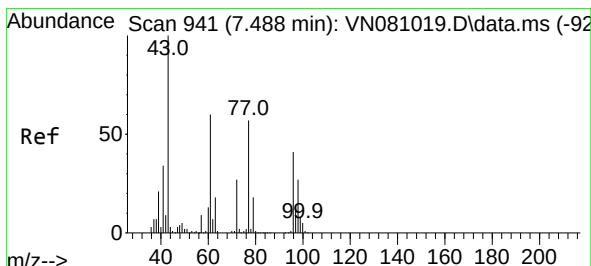
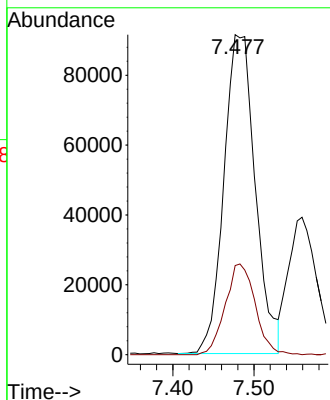
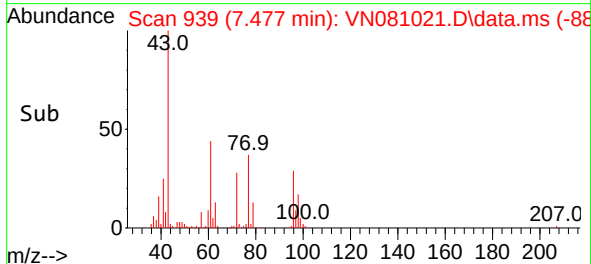
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 245352
Ion Ratio Lower Upper
43 100
72 27.9 19.5 29.3

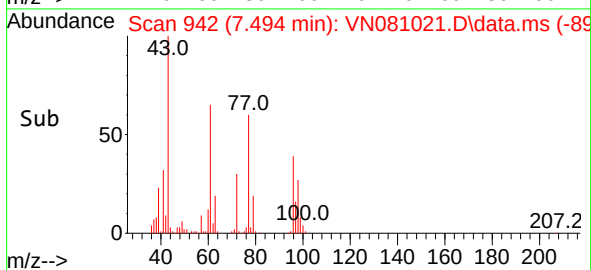
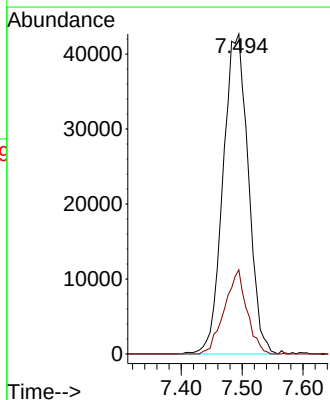
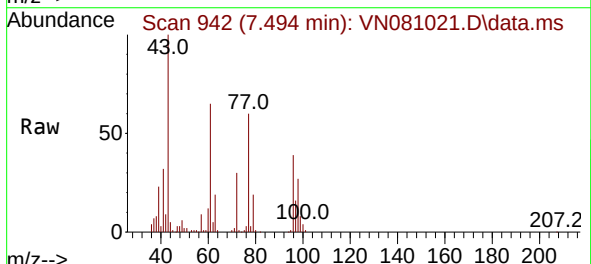
Manual Integrations
APPROVED

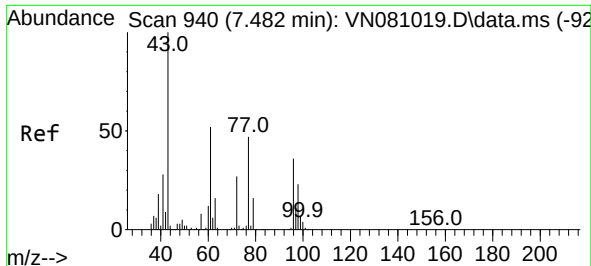
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#26
2,2-Dichloropropane
Concen: 9.590 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

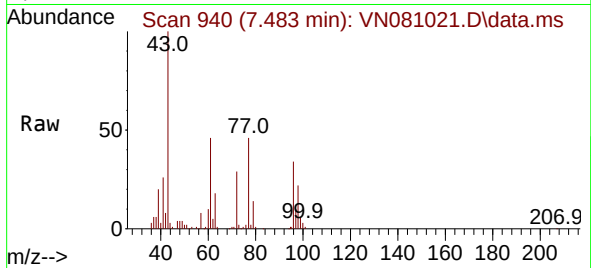
Tgt Ion: 77 Resp: 122625
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 9.450 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081021.D
 Acq: 14 Feb 2024 13:01

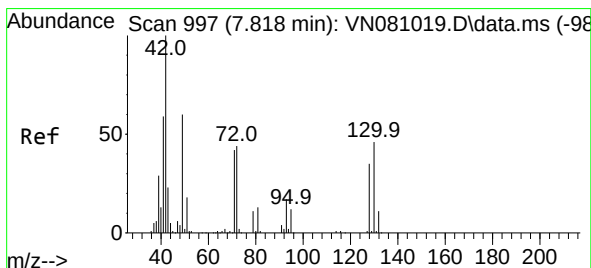
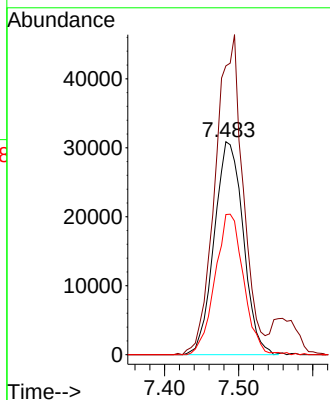
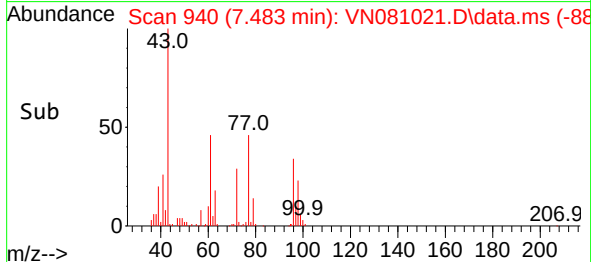
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010



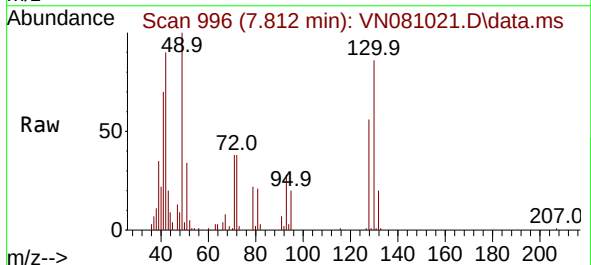
Tgt Ion: 96 Resp: 83979
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 325.4
 98 65.1 0.0 130.4

Manual Integrations
 APPROVED

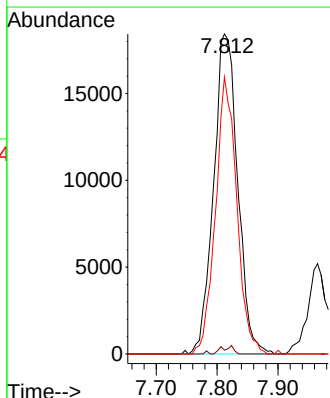
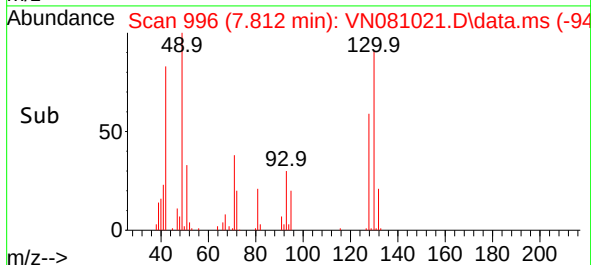
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024

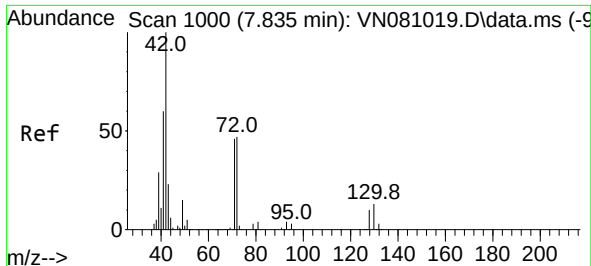


#28
 Bromochloromethane
 Concen: 9.077 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081021.D
 Acq: 14 Feb 2024 13:01



Tgt Ion: 49 Resp: 50910
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 1.6
 130 76.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 49.989 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 16116

Ion Ratio Lower Upper

42 100

72 43.2 31.1 46.7

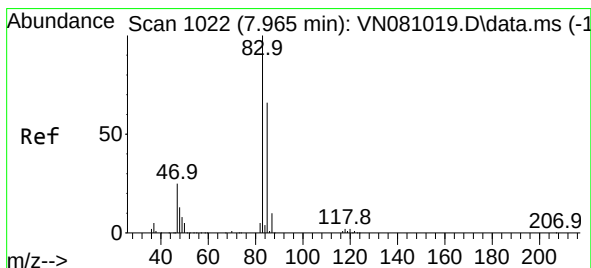
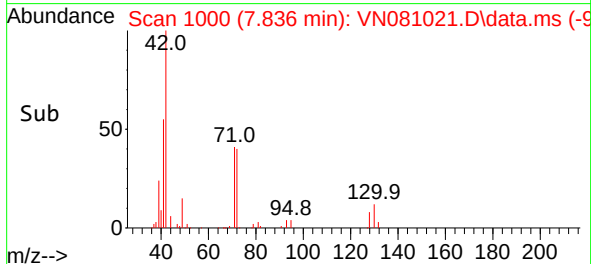
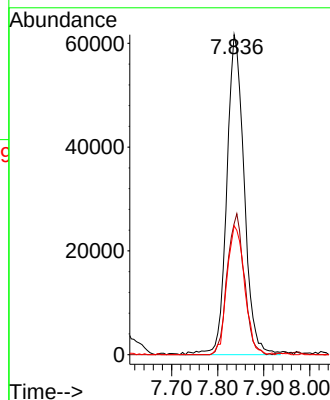
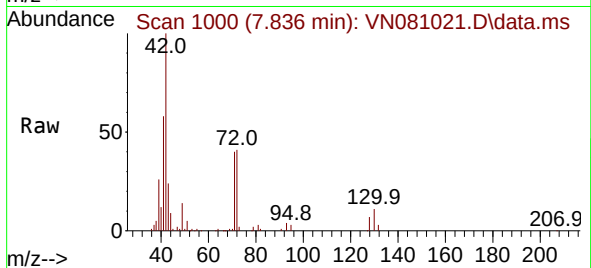
71 41.0 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#30

Chloroform

Concen: 9.423 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081021.D

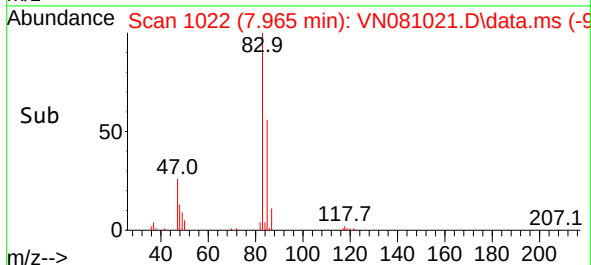
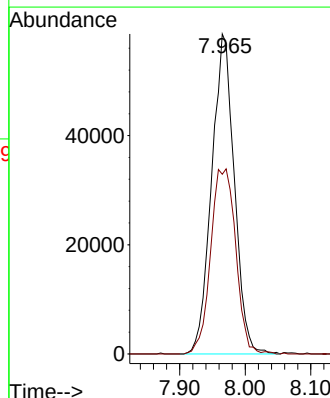
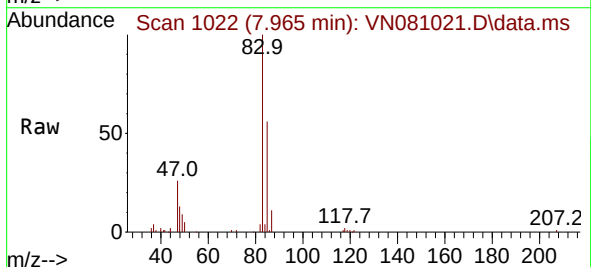
Acq: 14 Feb 2024 13:01

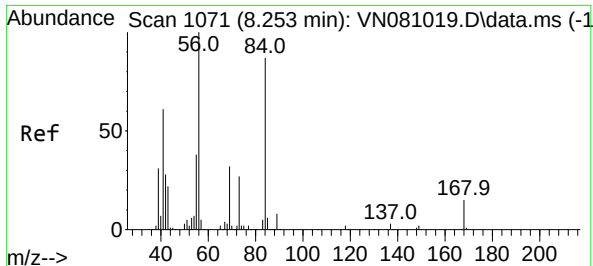
Tgt Ion: 83 Resp: 140498

Ion Ratio Lower Upper

83 100

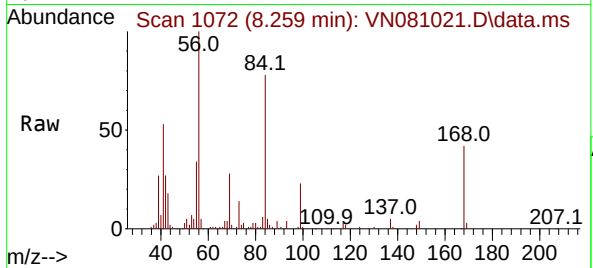
85 56.2 51.0 76.6





#31
Cyclohexane
Concen: 10.350 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

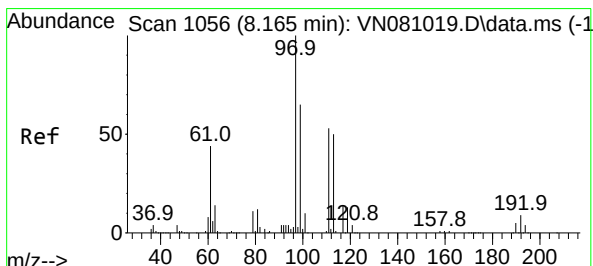
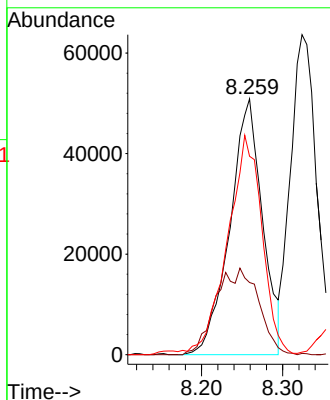
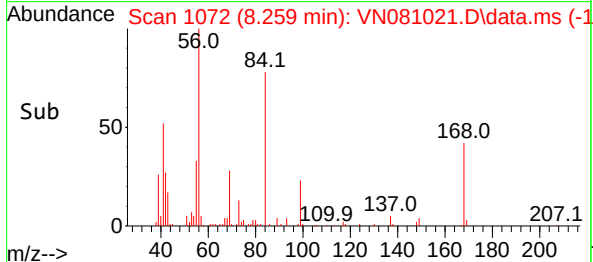
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 141924
Ion Ratio Lower Upper
56 100
69 28.2 20.1 30.1
84 76.4 56.9 85.3

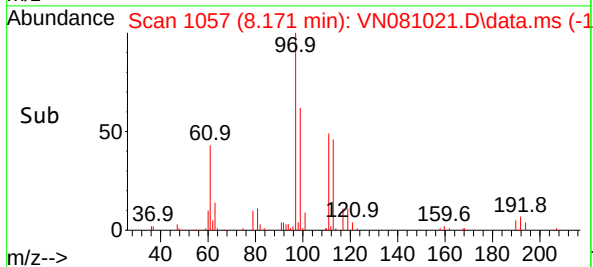
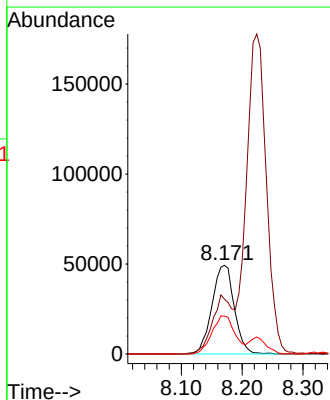
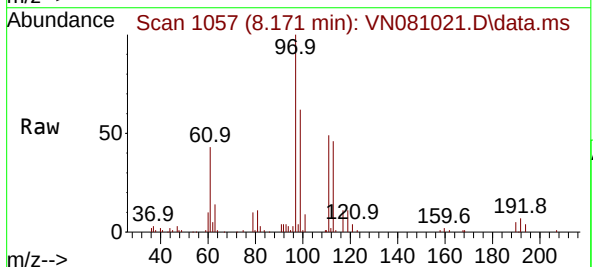
Manual Integrations
APPROVED

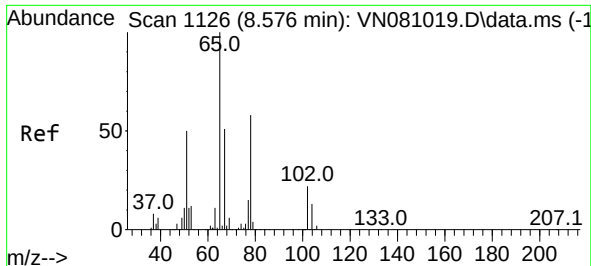
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#32
1,1,1-Trichloroethane
Concen: 9.503 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion: 97 Resp: 125111
Ion Ratio Lower Upper
97 100
99 61.4 53.4 80.0
61 45.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 9.180 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 72464

Ion Ratio Lower Upper

65 100

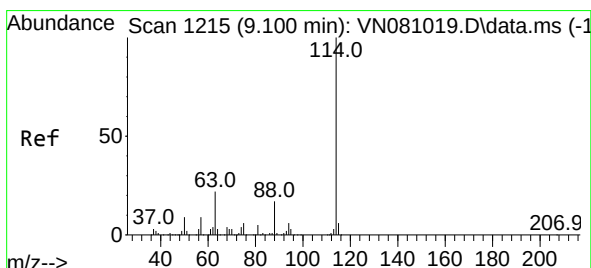
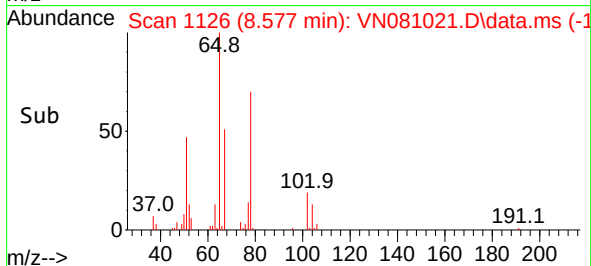
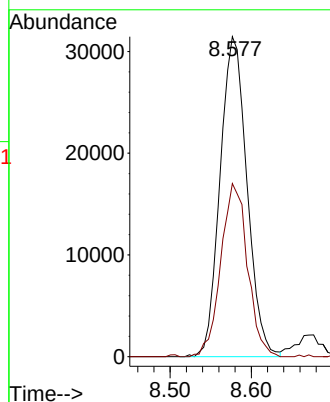
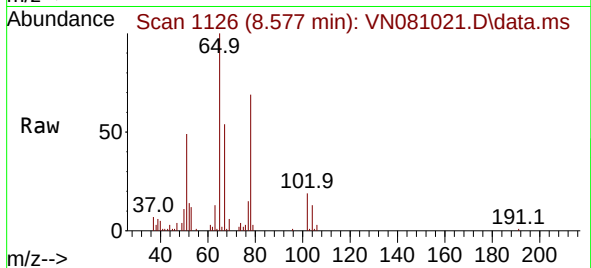
67 53.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

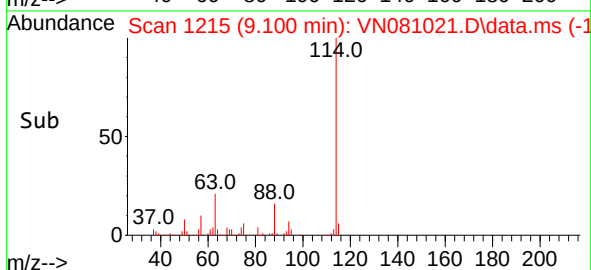
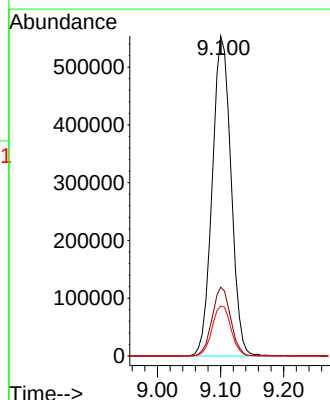
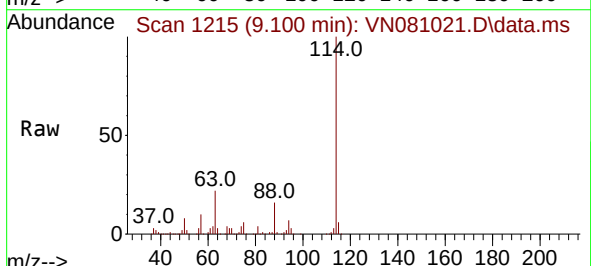
Tgt Ion:114 Resp: 1142569

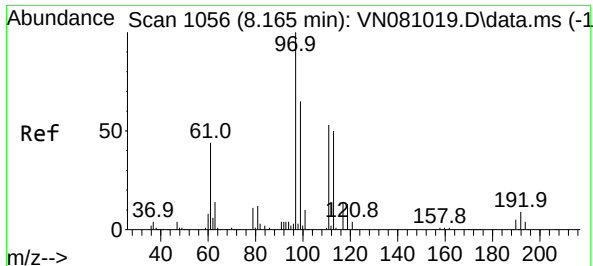
Ion Ratio Lower Upper

114 100

63 21.5 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 9.348 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 61240

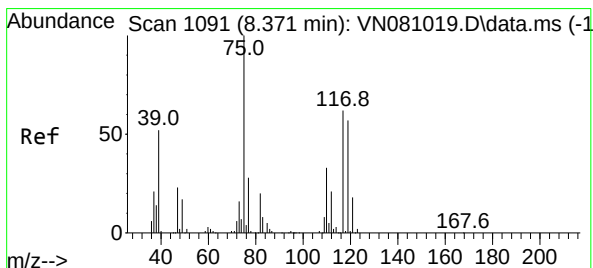
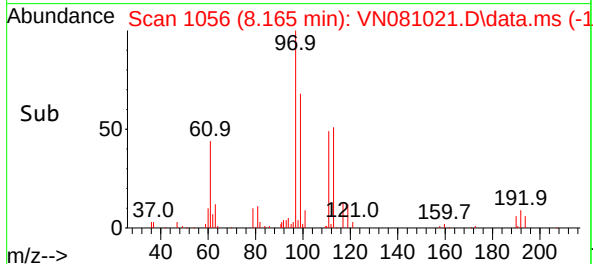
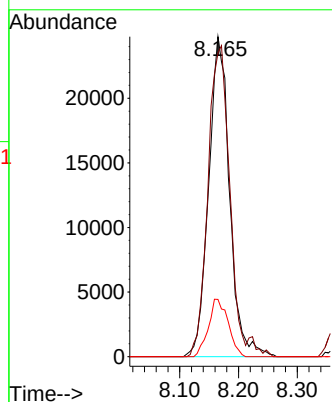
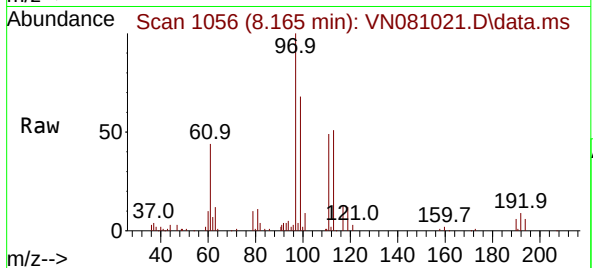
Ion	Ratio	Lower	Upper
113	100		
111	99.3	82.2	123.4
192	17.0	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#36

1,1-Dichloropropene

Concen: 9.776 ug/l

RT: 8.377 min Scan# 1092

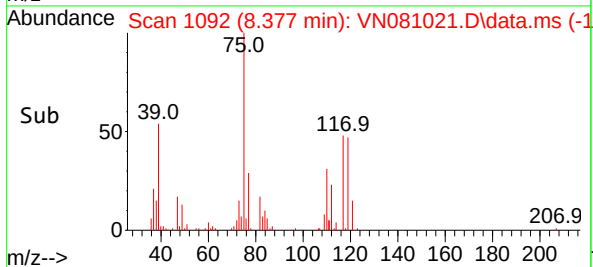
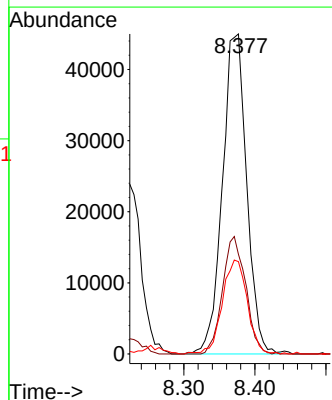
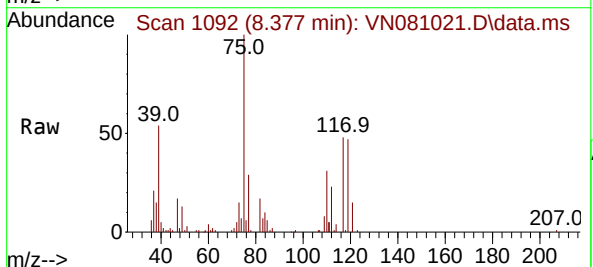
Delta R.T. 0.006 min

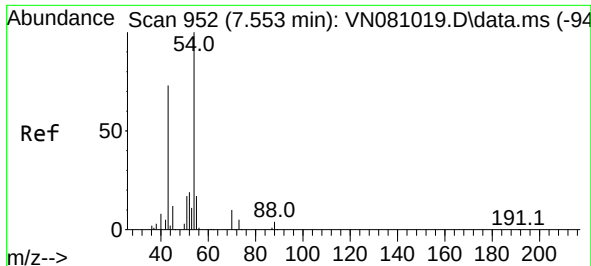
Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Tgt Ion: 75 Resp: 106848

Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.0	48.0
77	30.2	25.8	38.6





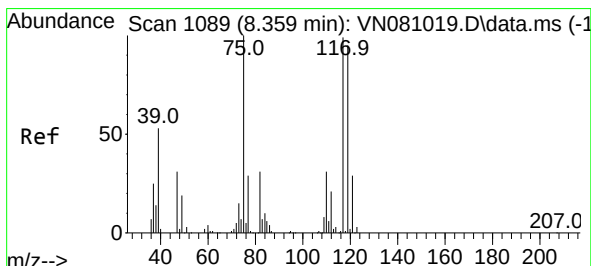
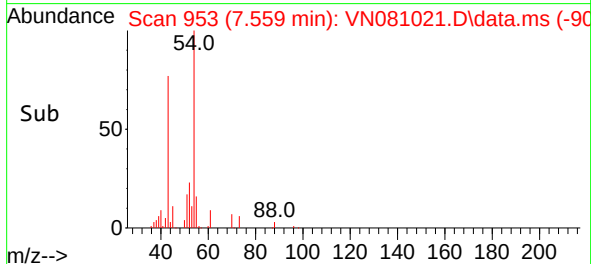
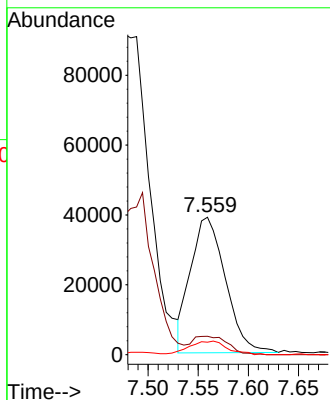
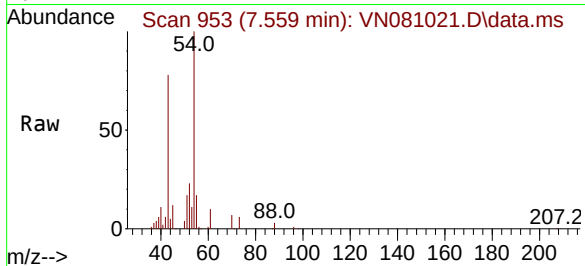
#37
Ethyl Acetate
Concen: 9.410 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 9408
Ion Ratio Lower Upper
43 100
61 14.1 10.6 15.8
70 10.9 8.0 12.0

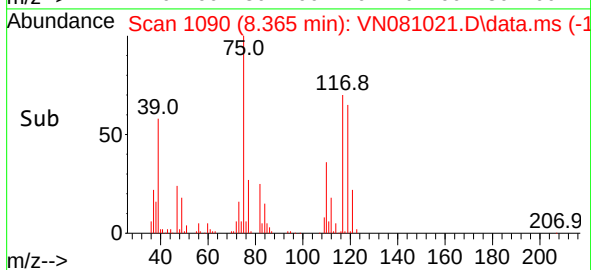
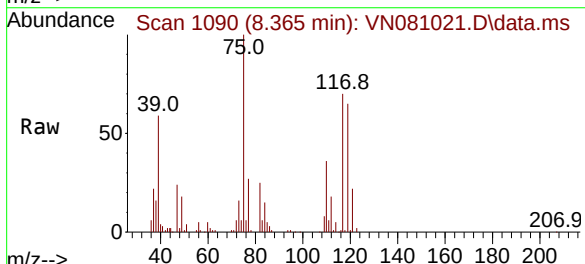
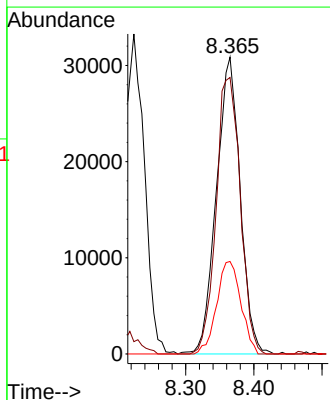
Manual Integrations
APPROVED

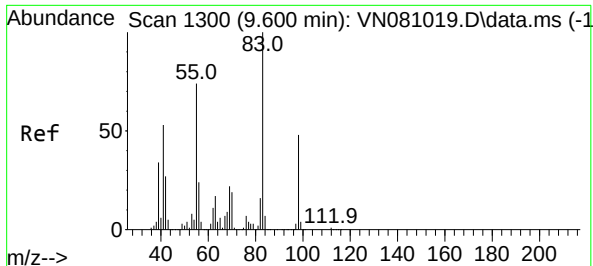
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#38
Carbon Tetrachloride
Concen: 9.378 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion:117 Resp: 75028
Ion Ratio Lower Upper
117 100
119 93.2 73.4 110.2
121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 9.380 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

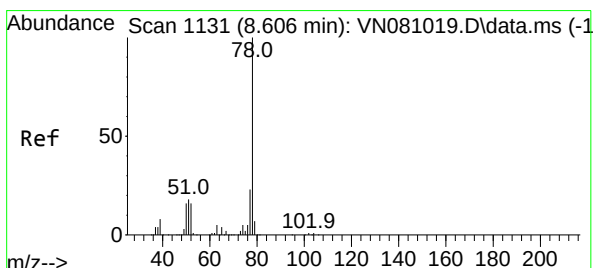
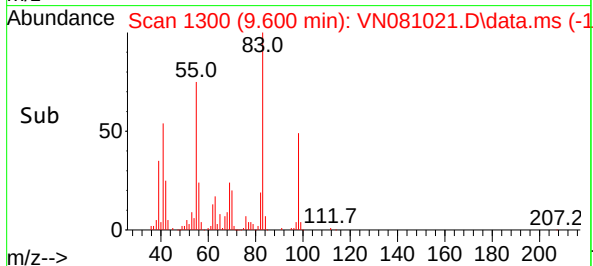
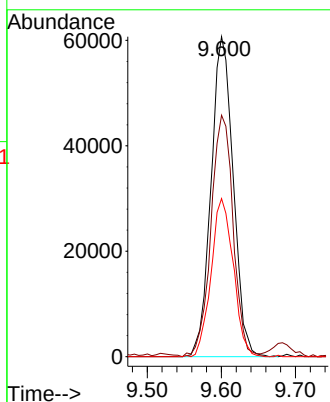
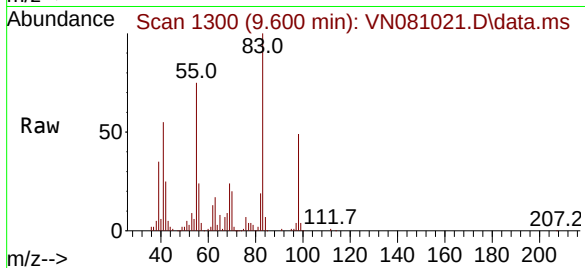
Tgt Ion: 83	Resp: 126129
Ion Ratio	Lower Upper
83 100	
55 74.7	65.7 98.5
98 49.4	33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#40

Benzene

Concen: 9.453 ug/l

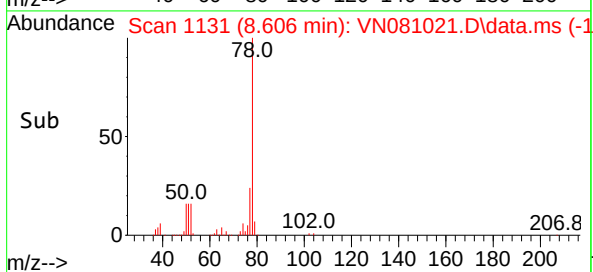
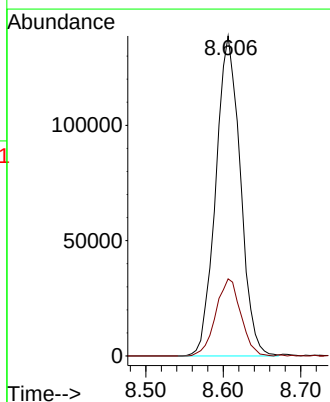
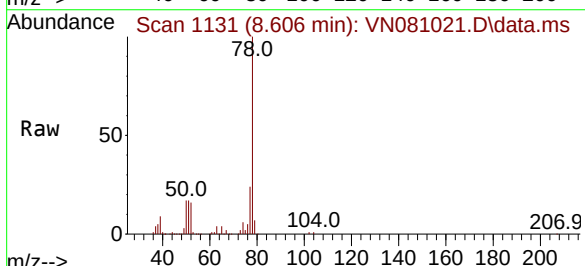
RT: 8.606 min Scan# 1131

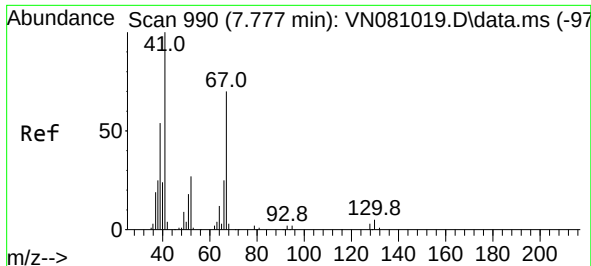
Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Tgt Ion: 78	Resp: 305531
Ion Ratio	Lower Upper
78 100	
77 24.1	20.4 30.6





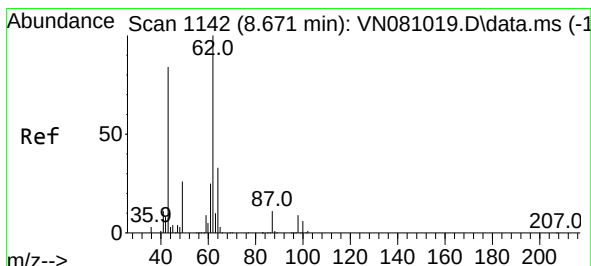
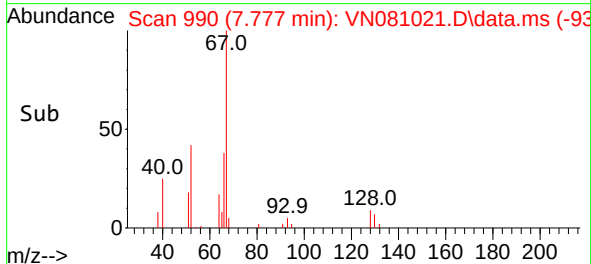
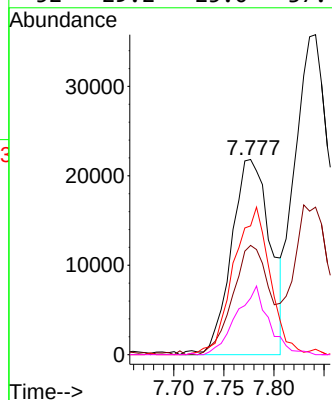
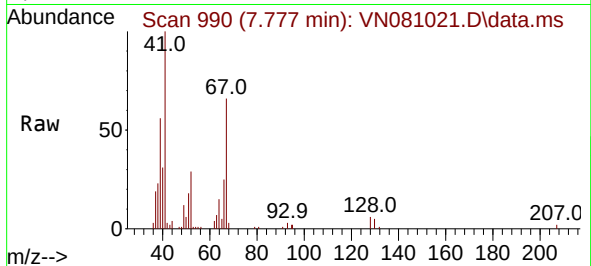
#41
Methacrylonitrile
Concen: 9.739 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 41	Resp: 5911
Ion Ratio	Lower Upper
41 100	
39 50.3	48.4 72.6
67 70.5	56.8 85.2
52 29.2	25.0 37.4

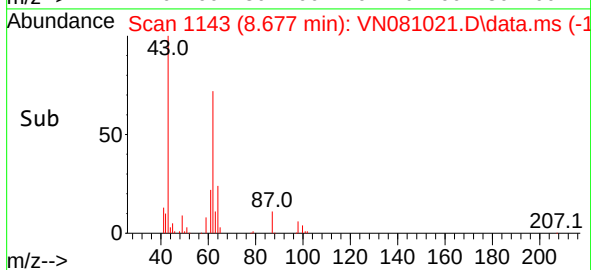
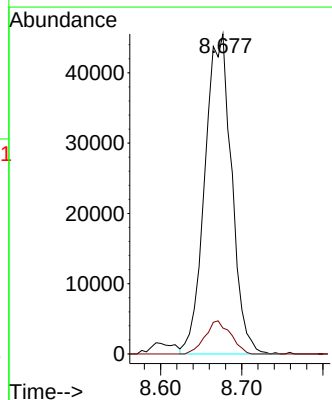
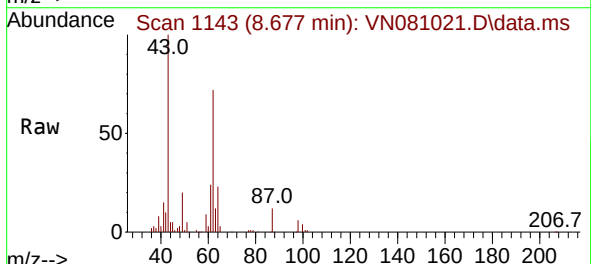
Manual Integrations
APPROVED

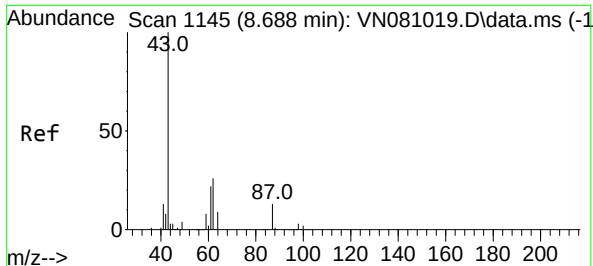
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#42
1,2-Dichloroethane
Concen: 9.072 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

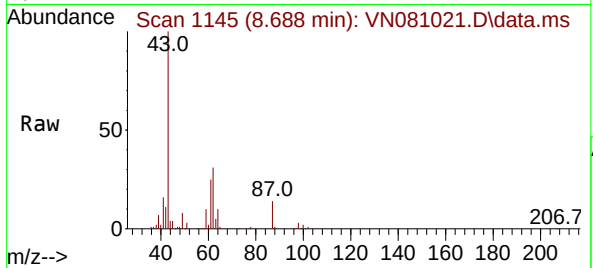
Tgt Ion: 62	Resp: 104082
Ion Ratio	Lower Upper
62 100	
98 9.9	0.0 18.0





#43
Isopropyl Acetate
Concen: 9.610 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

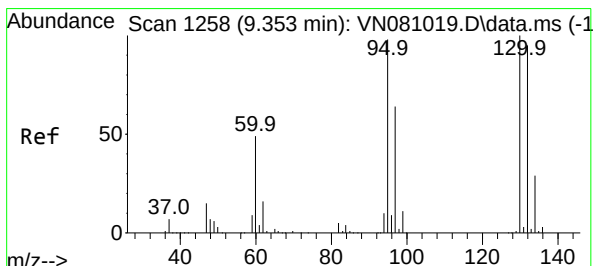
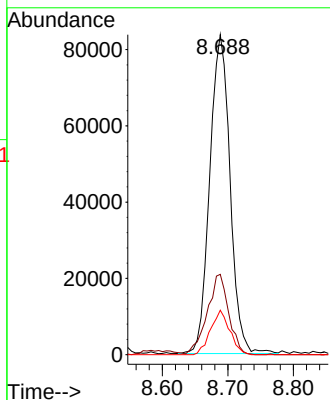
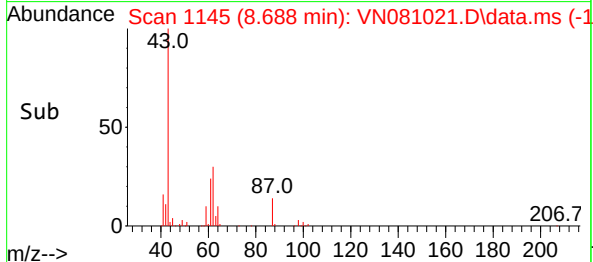
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



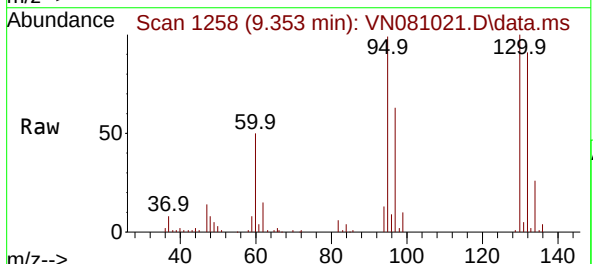
Tgt Ion: 43 Resp: 18001
Ion Ratio Lower Upper
43 100
61 26.5 19.9 29.9
87 13.1 9.0 13.6

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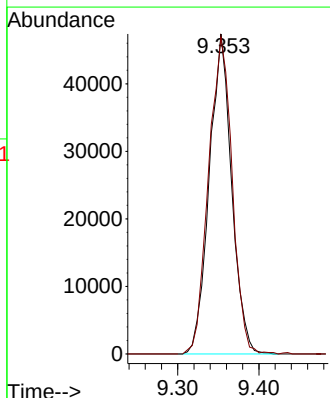
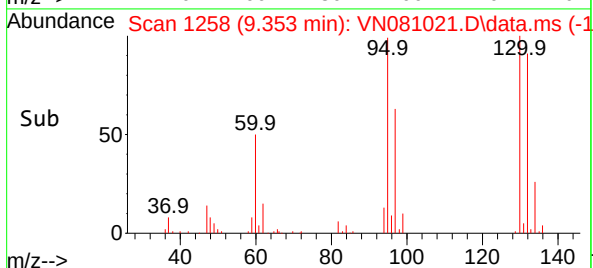
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

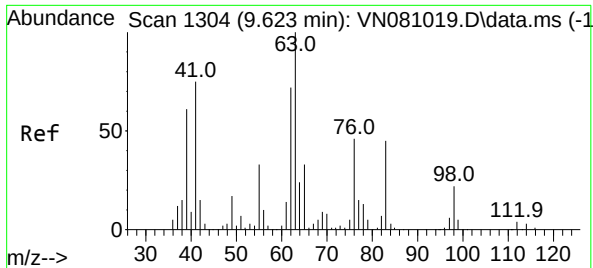


#44
Trichloroethene
Concen: 9.461 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



Tgt Ion:130 Resp: 90572
Ion Ratio Lower Upper
130 100
95 99.1 0.0 210.4





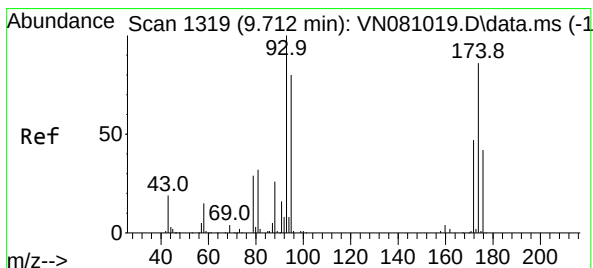
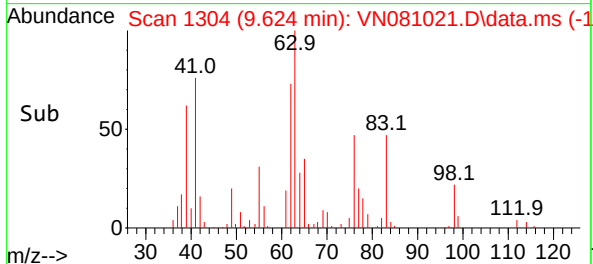
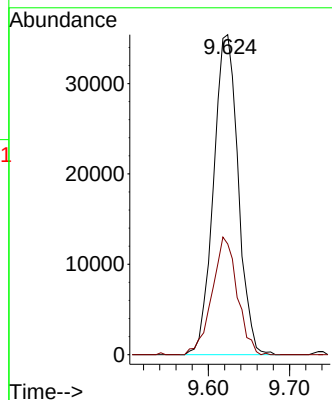
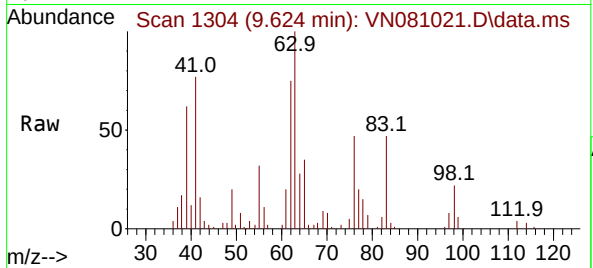
#45
1,2-Dichloropropane
Concen: 9.342 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 74692
Ion Ratio Lower Upper
63 100
65 34.6 26.1 39.1

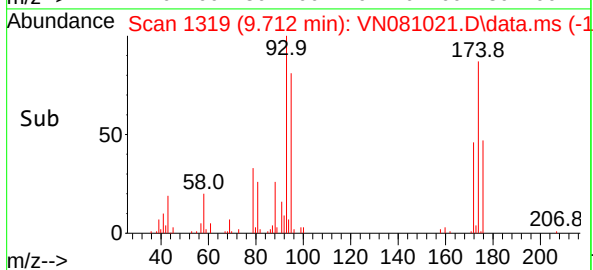
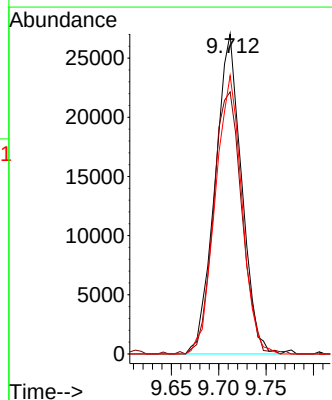
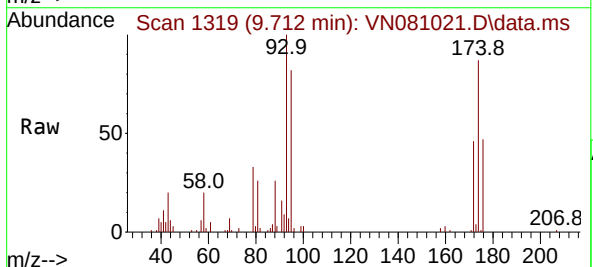
Manual Integrations
APPROVED

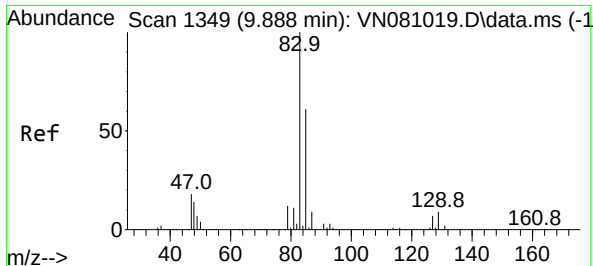
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#46
Dibromomethane
Concen: 9.332 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

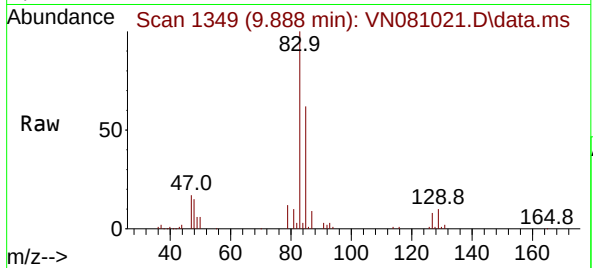
Tgt Ion: 93 Resp: 52670
Ion Ratio Lower Upper
93 100
95 88.2 68.1 102.1
174 87.5 57.2 85.8#





#47
Bromodichloromethane
Concen: 9.380 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

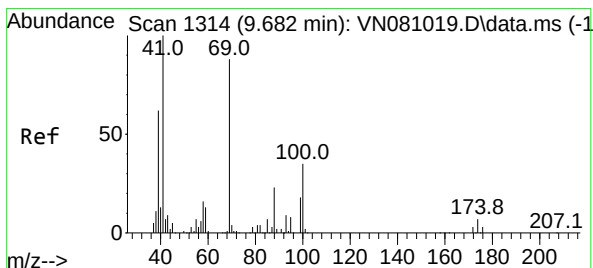
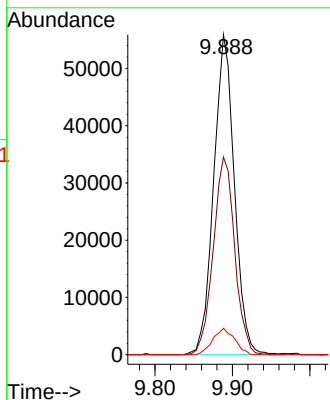
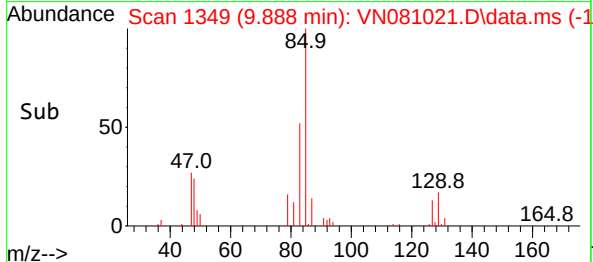
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



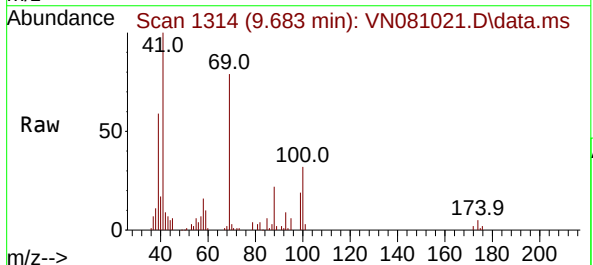
Tgt Ion: 83 Resp: 103750
Ion Ratio Lower Upper
83 100
85 61.8 52.3 78.5
127 8.3 4.6 7.0

Manual Integrations
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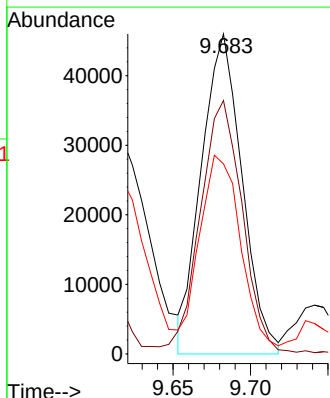
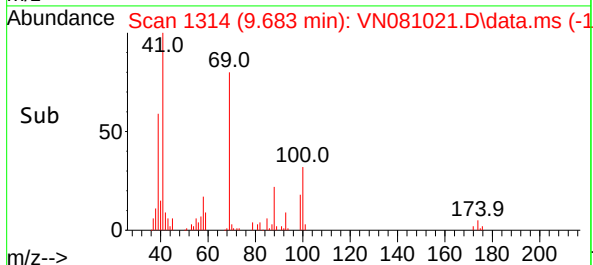
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

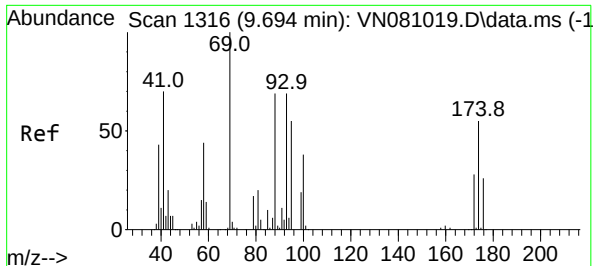


#48
Methyl methacrylate
Concen: 9.525 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



Tgt Ion: 41 Resp: 84004
Ion Ratio Lower Upper
41 100
69 82.6 62.2 93.2
39 63.2 47.6 71.4





#49

1,4-Dioxane

Concen: 179.484 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 3602

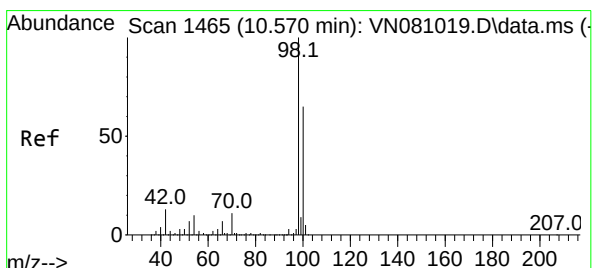
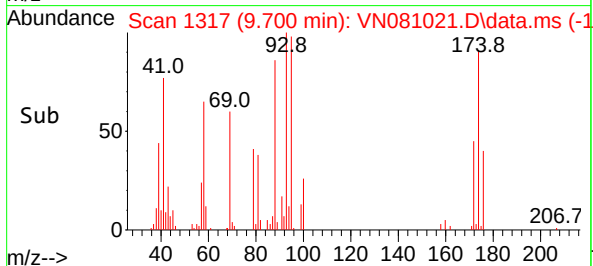
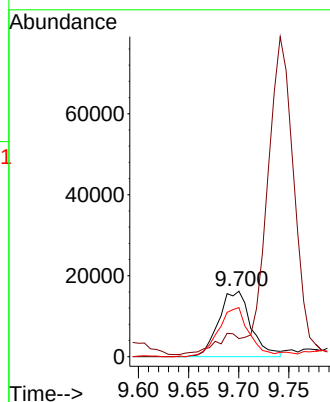
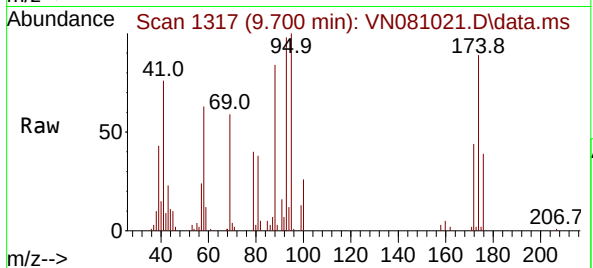
Ion	Ratio	Lower	Upper
88	100		
43	25.6	30.1	45.1
58	71.1	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#50

Toluene-d8

Concen: 8.938 ug/l

RT: 10.571 min Scan# 1465

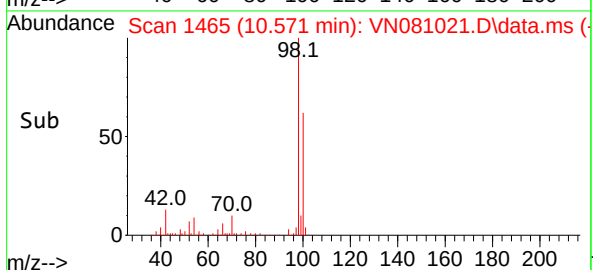
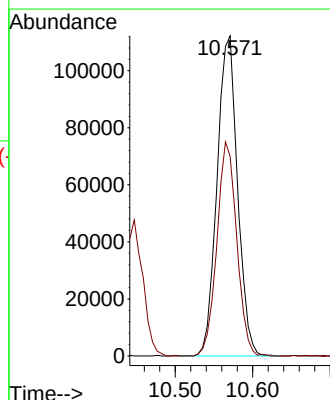
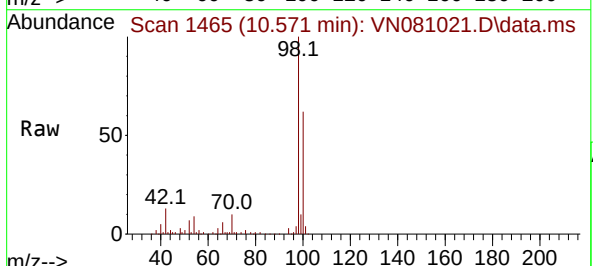
Delta R.T. 0.000 min

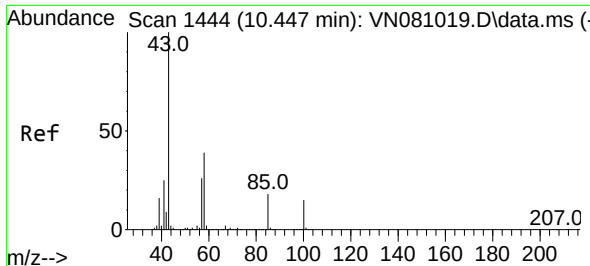
Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Tgt Ion: 98 Resp: 206497

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.0





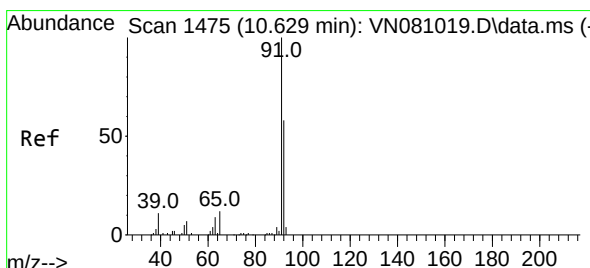
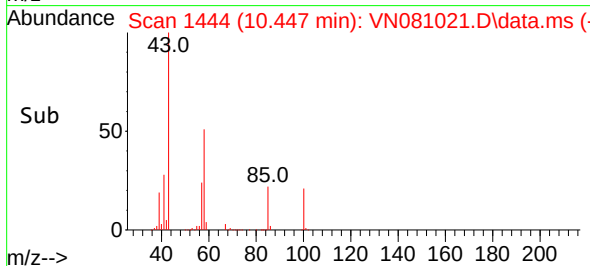
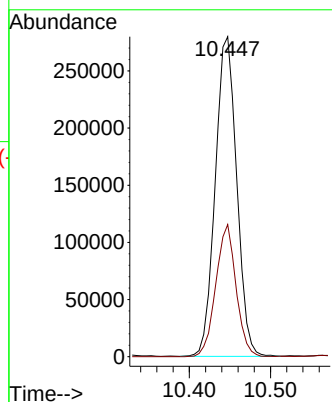
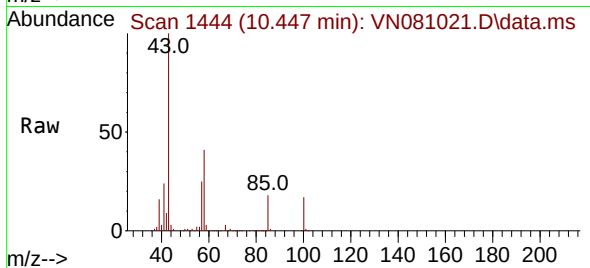
#51
4-Methyl-2-Pentanone
Concen: 49.199 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 51398
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.0

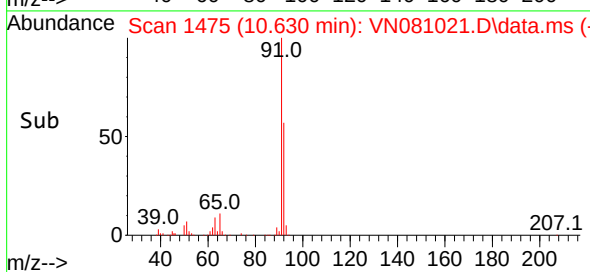
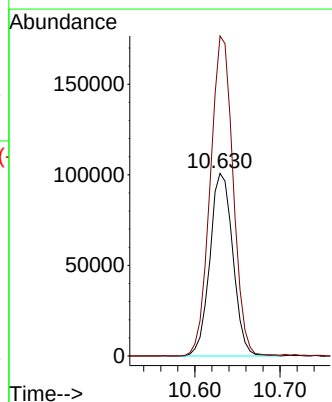
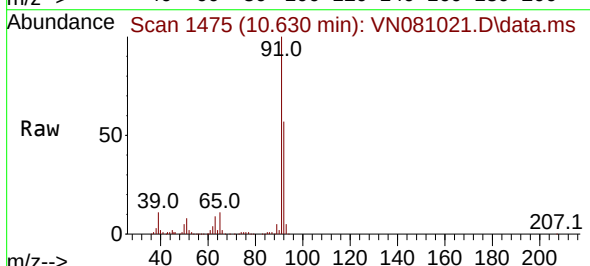
Manual Integrations
APPROVED

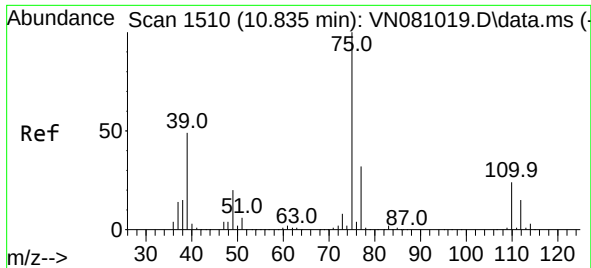
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#52
Toluene
Concen: 9.347 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

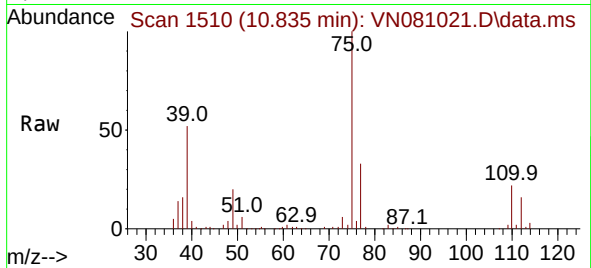
Tgt Ion: 92 Resp: 188719
Ion Ratio Lower Upper
92 100
91 174.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 9.277 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

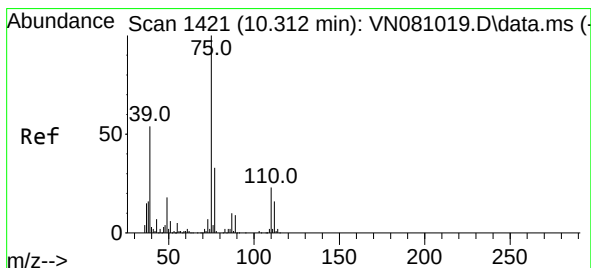
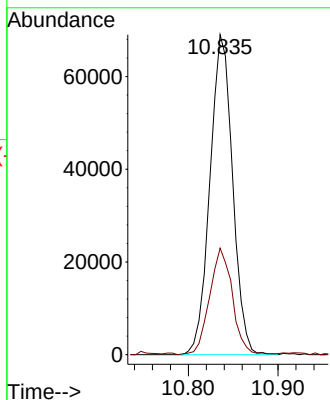
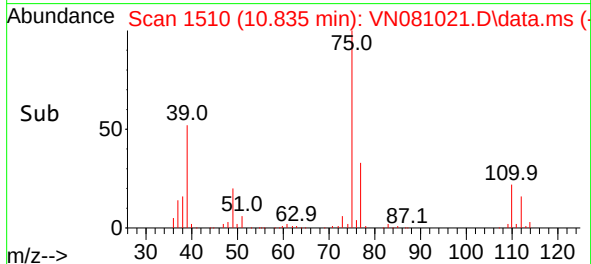
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 12088
Ion Ratio Lower Upper
75 100
77 33.3 25.5 38.3

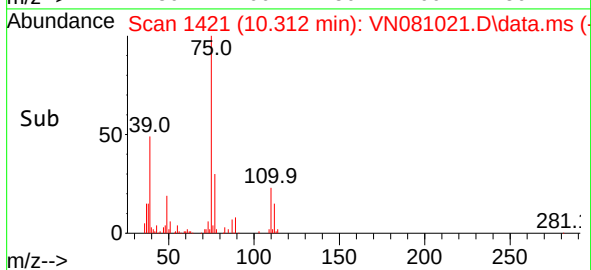
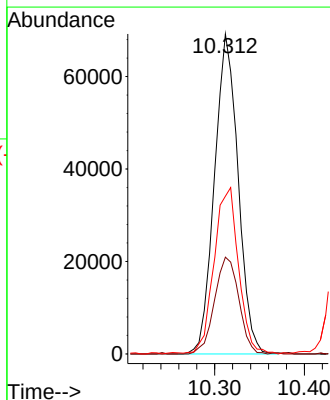
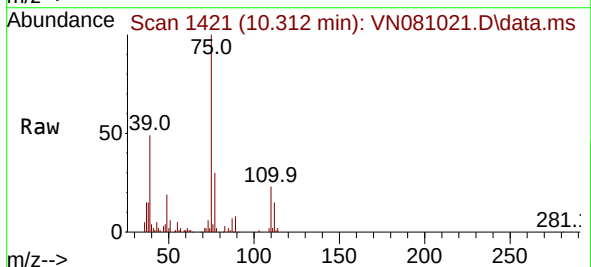
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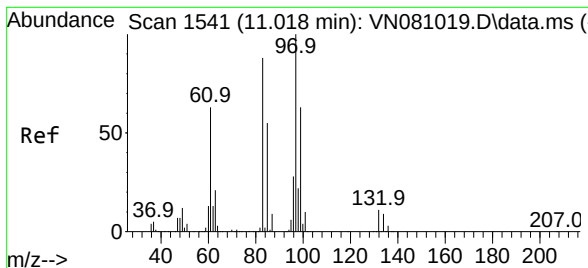
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#54
cis-1,3-Dichloropropene
Concen: 9.174 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

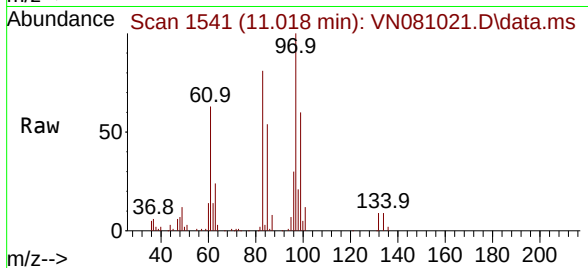
Tgt Ion: 75 Resp: 126432
Ion Ratio Lower Upper
75 100
77 30.2 23.3 34.9
39 49.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 9.535 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

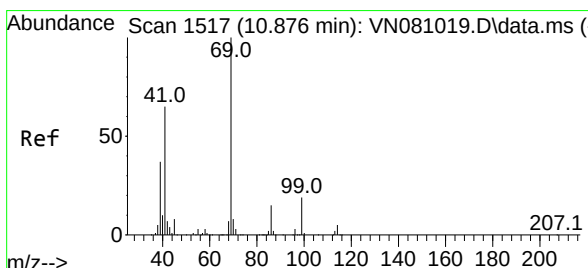
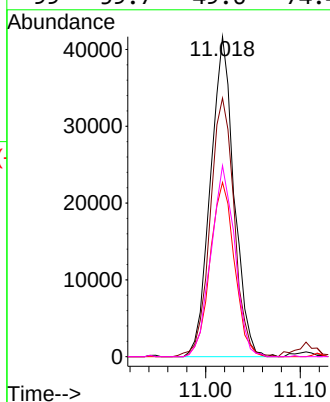
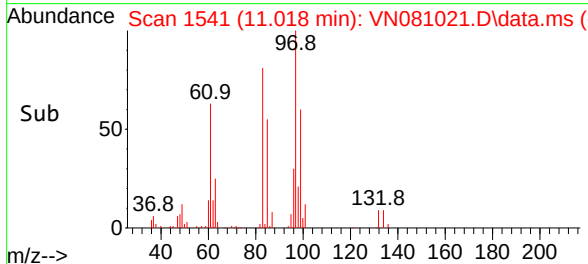
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



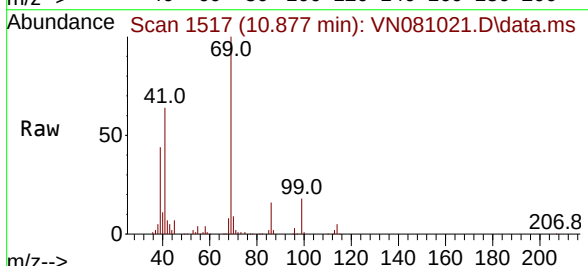
Tgt Ion: 97 Resp: 72398
Ion Ratio Lower Upper
97 100
83 80.8 72.9 109.3
85 54.4 50.2 75.2
99 59.7 49.6 74.4

Manual Integrations
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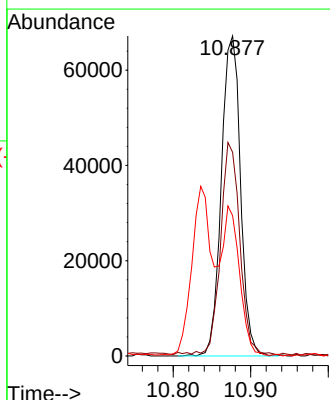
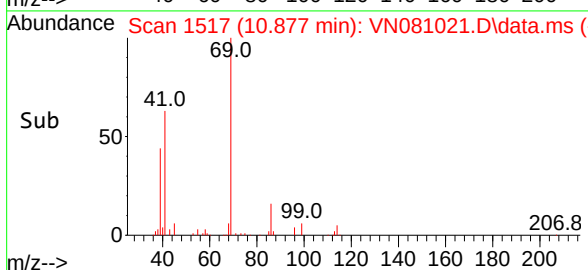
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

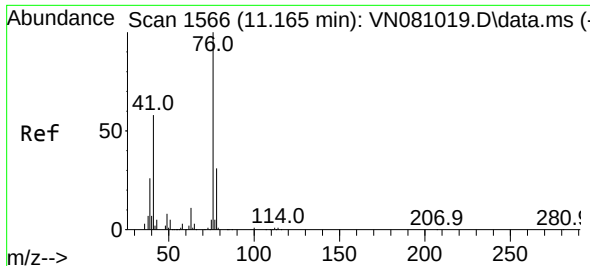


#56
Ethyl methacrylate
Concen: 9.286 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



Tgt Ion: 69 Resp: 115445
Ion Ratio Lower Upper
69 100
41 67.3 61.0 91.6
39 45.2 31.8 47.6





#57

1,3-Dichloropropane

Concen: 9.358 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 126938

Ion Ratio Lower Upper

76 100

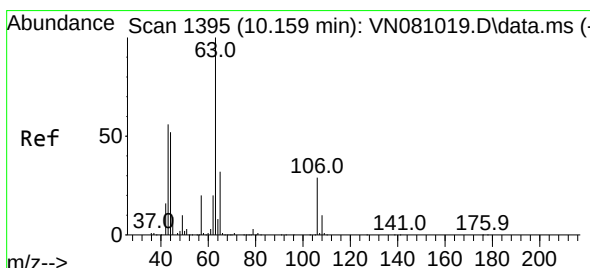
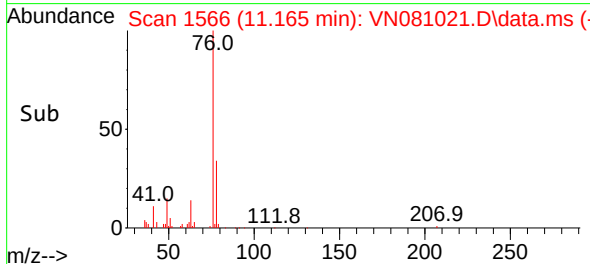
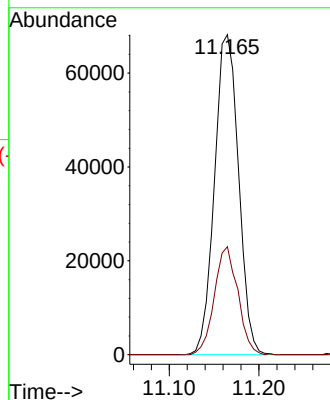
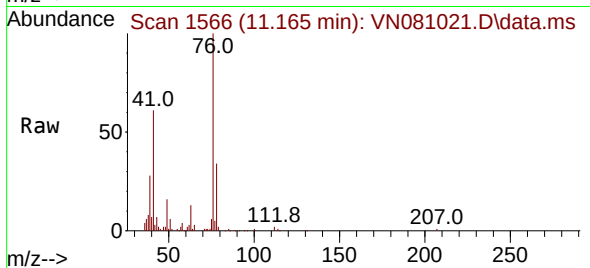
78 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 46.458 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081021.D

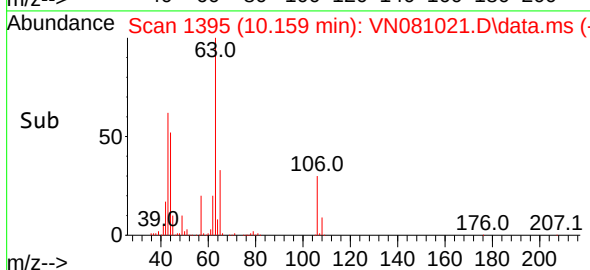
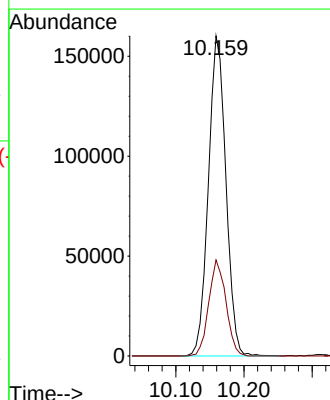
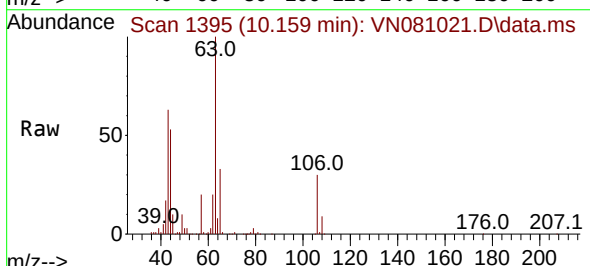
Acq: 14 Feb 2024 13:01

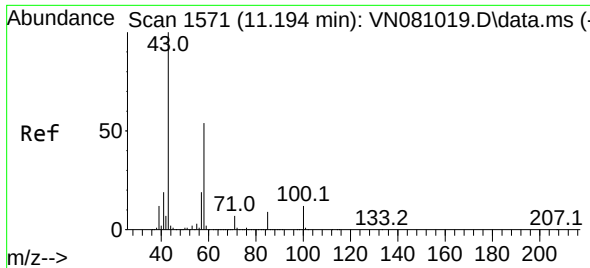
Tgt Ion: 63 Resp: 286584

Ion Ratio Lower Upper

63 100

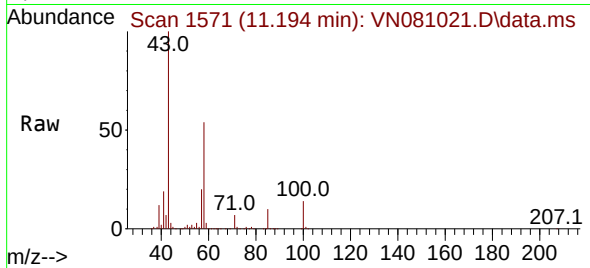
106 29.4 18.6 28.0#





#59
2-Hexanone
Concen: 48.845 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

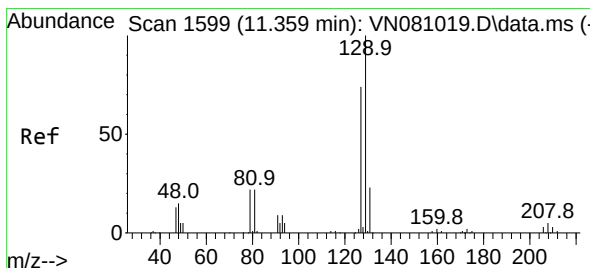
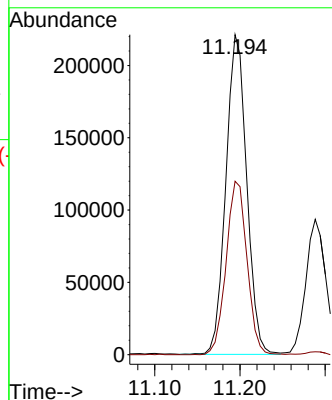
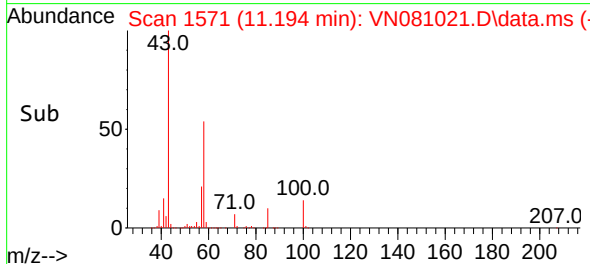
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 37475
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8

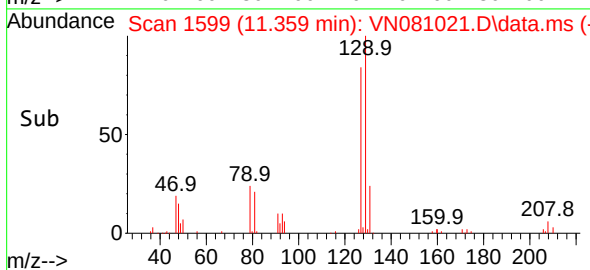
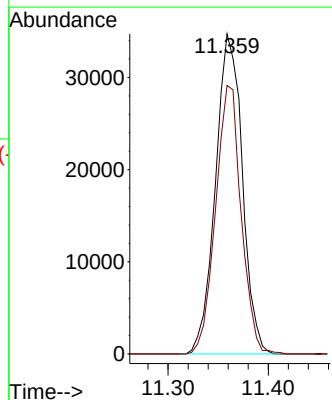
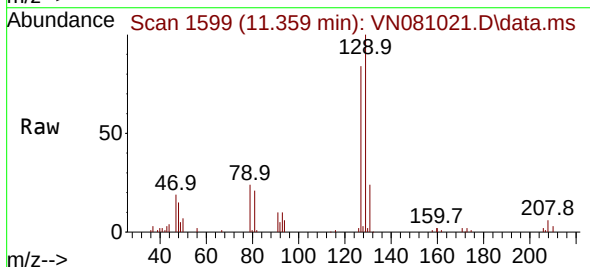
Manual Integrations
APPROVED

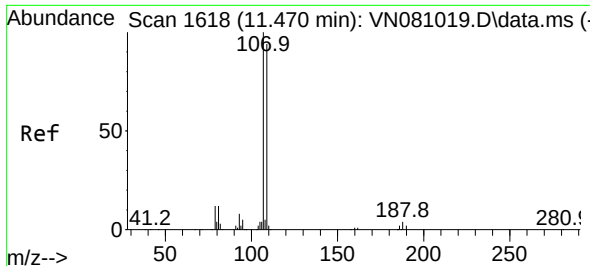
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#60
Dibromochloromethane
Concen: 8.933 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

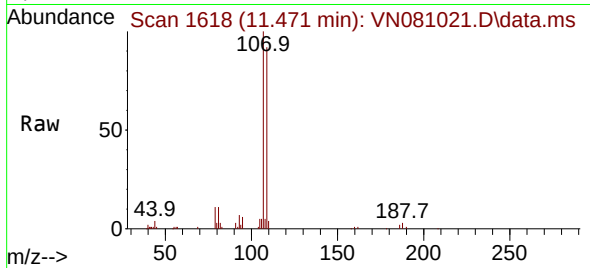
Tgt Ion:129 Resp: 64493
Ion Ratio Lower Upper
129 100
127 80.0 39.4 118.2





#61
1,2-Dibromoethane
Concen: 9.177 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

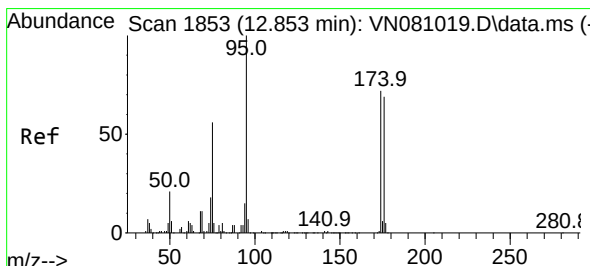
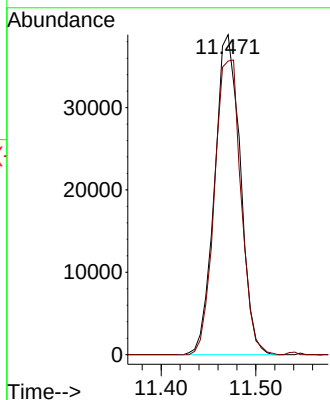
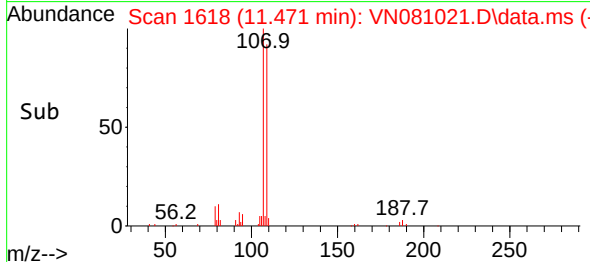
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 7326
Ion Ratio Lower Upper
107 100
109 95.0 73.4 110.2

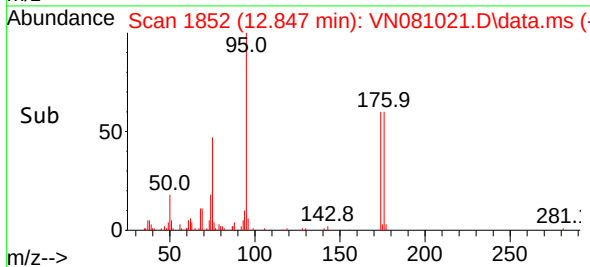
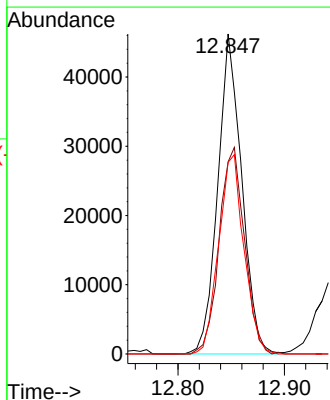
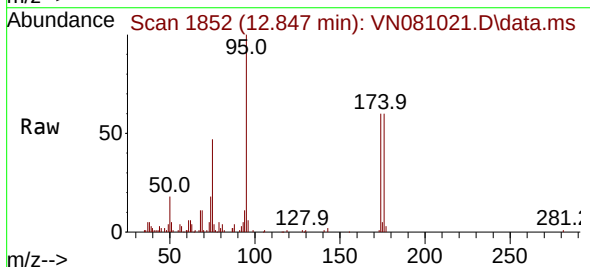
Manual Integrations
APPROVED

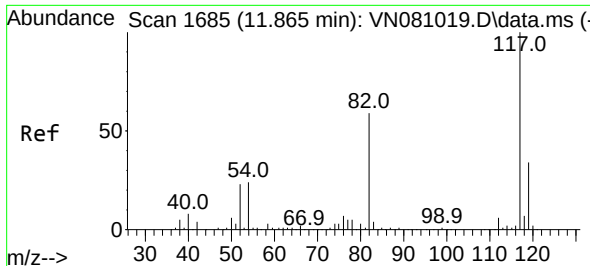
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#62
4-Bromofluorobenzene
Concen: 9.153 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

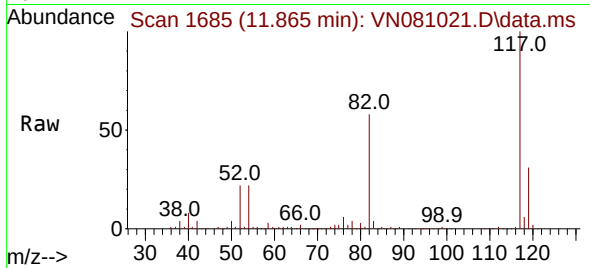
Tgt Ion: 95 Resp: 71924
Ion Ratio Lower Upper
95 100
174 68.7 0.0 120.4
176 65.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

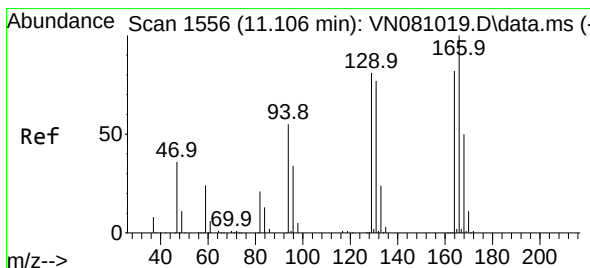
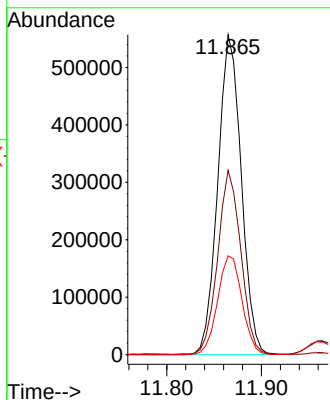
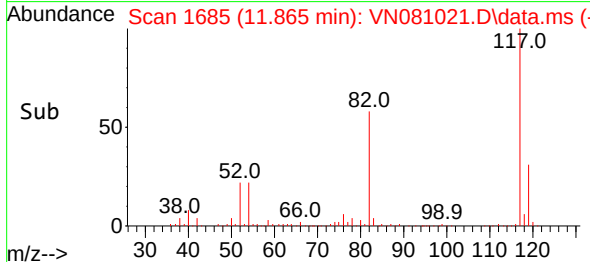
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 95886
Ion Ratio Lower Upper
117 100
82 57.5 52.7 79.1
119 30.9 25.3 37.9

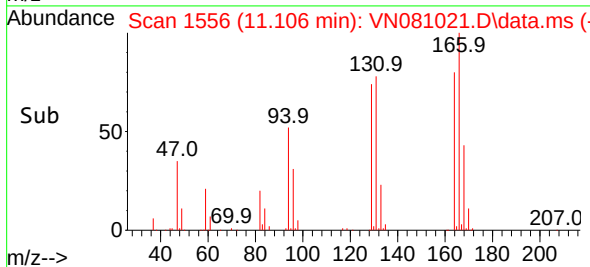
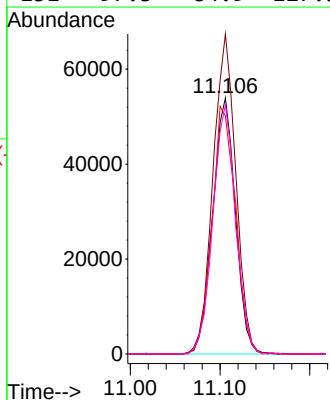
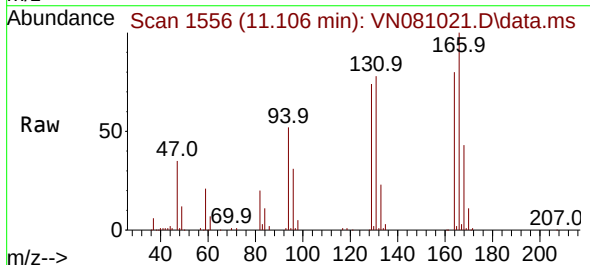
Manual Integrations
APPROVED

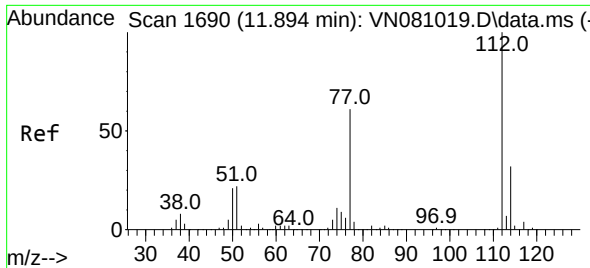
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#64
Tetrachloroethene
Concen: 9.716 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion:164 Resp: 94980
Ion Ratio Lower Upper
164 100
166 125.0 105.8 158.6
129 92.9 89.6 134.4
131 97.3 84.9 127.3





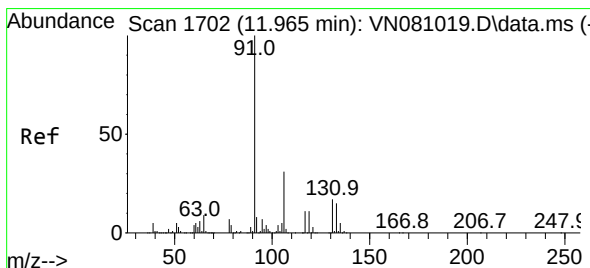
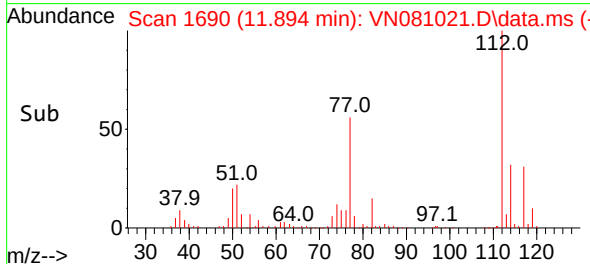
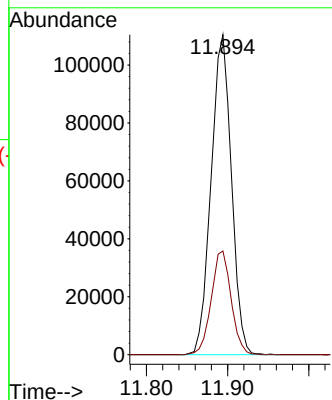
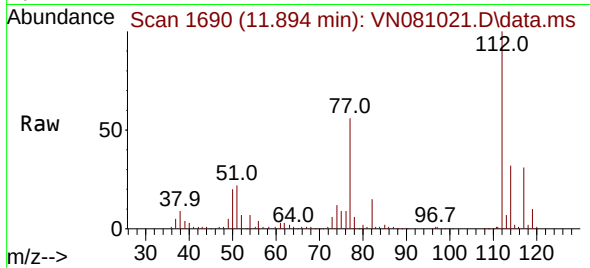
#65
Chlorobenzene
Concen: 9.547 ug/l
RT: 11.894 min Scan# 11196
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 191962
Ion Ratio Lower Upper
112 100
114 32.4 23.7 35.5

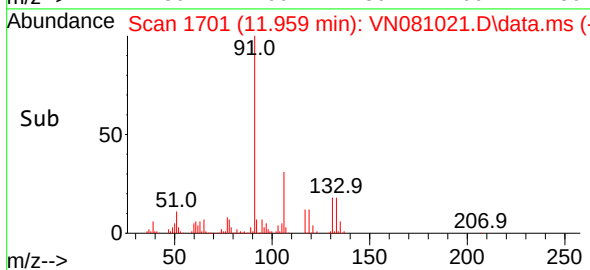
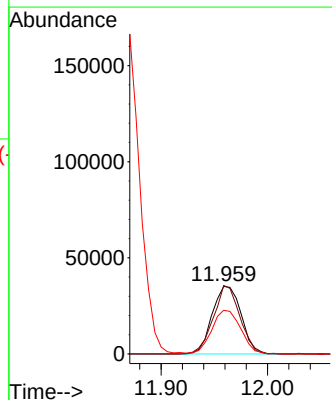
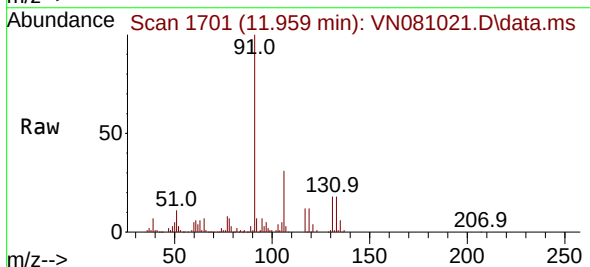
Manual Integrations
APPROVED

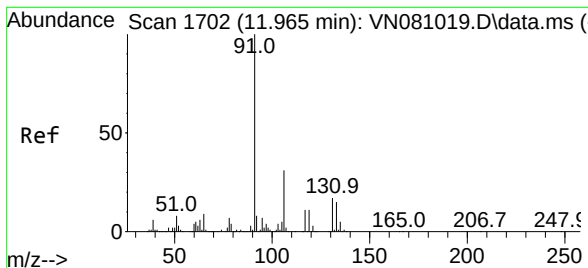
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 9.551 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

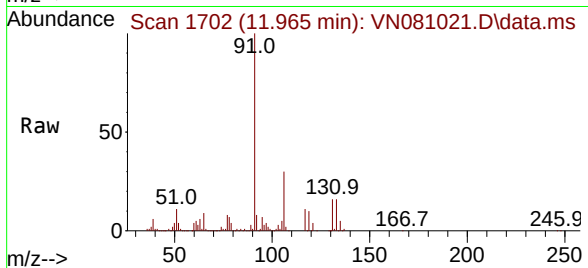
Tgt Ion:131 Resp: 66114
Ion Ratio Lower Upper
131 100
133 93.0 46.8 140.3
119 64.9 34.6 103.9





#67
Ethyl Benzene
Concen: 9.605 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

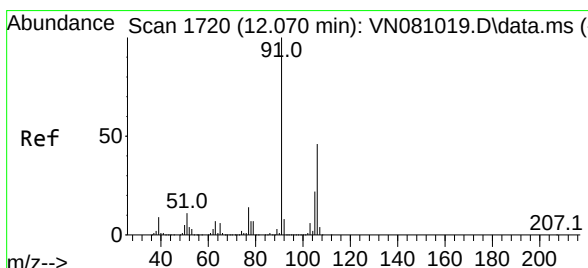
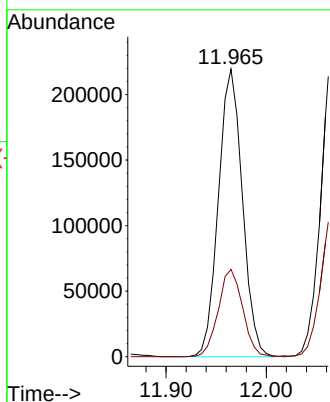
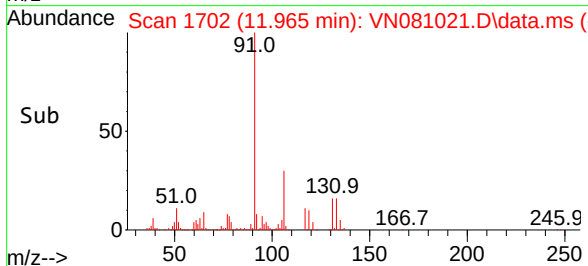
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



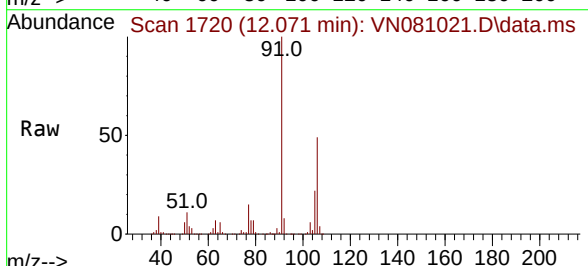
Tgt Ion: 91 Resp: 364109
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

Manual Integrations
APPROVED

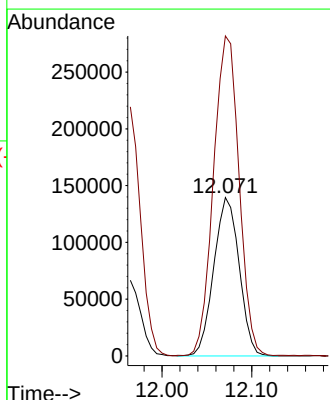
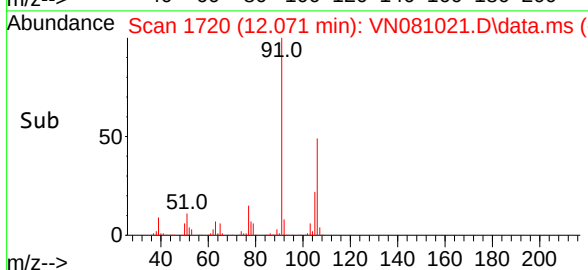
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

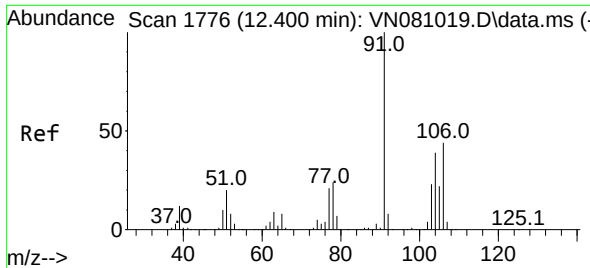


#68
m/p-Xylenes
Concen: 19.596 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



Tgt Ion:106 Resp: 273929
Ion Ratio Lower Upper
106 100
91 203.7 169.0 253.6





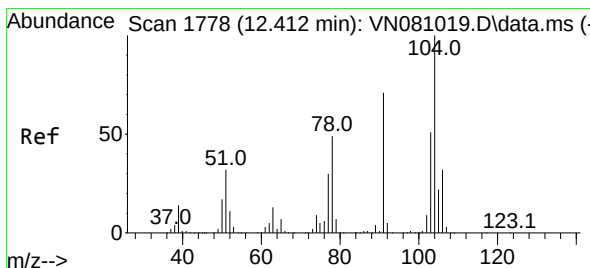
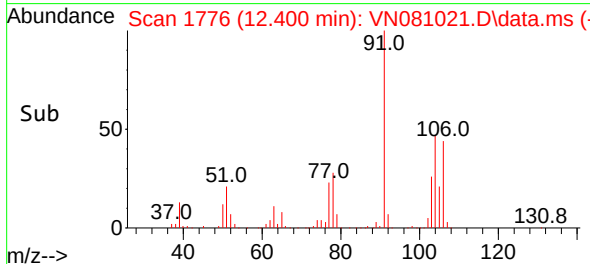
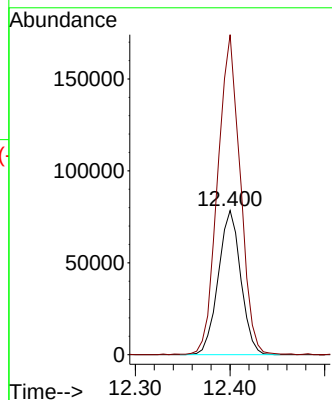
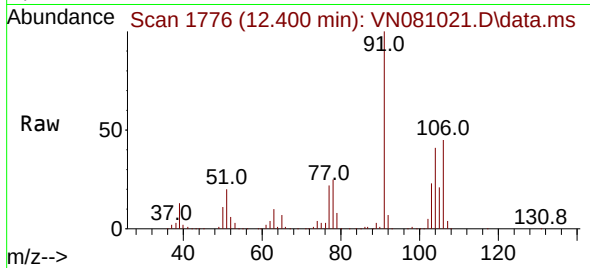
#69
o-Xylene
Concen: 9.536 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 129285
Ion Ratio Lower Upper
106 100
91 223.4 112.1 336.3

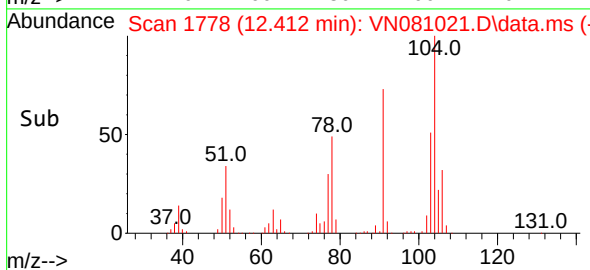
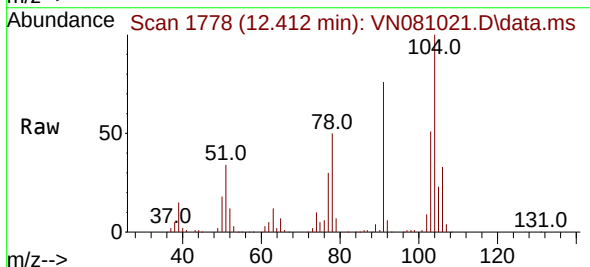
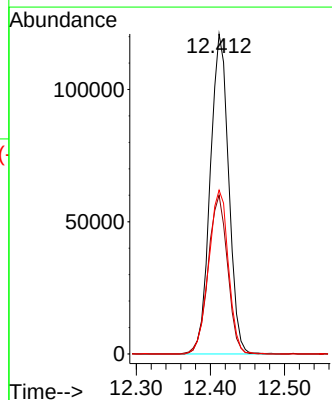
Manual Integrations
APPROVED

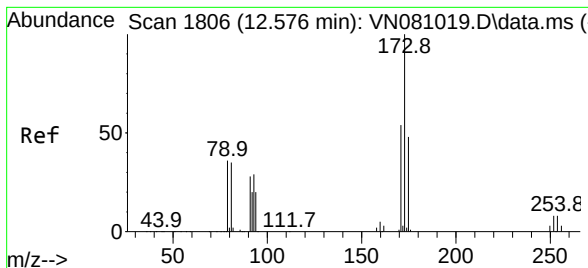
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#70
Styrene
Concen: 9.680 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion:104 Resp: 209156
Ion Ratio Lower Upper
104 100
78 52.0 43.8 65.8
103 54.6 44.2 66.2





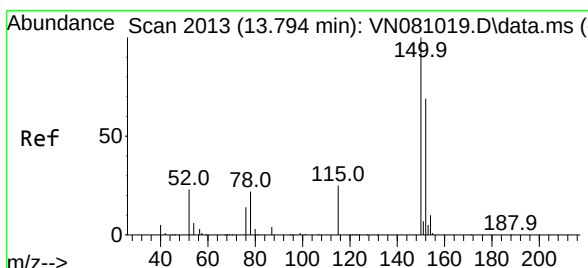
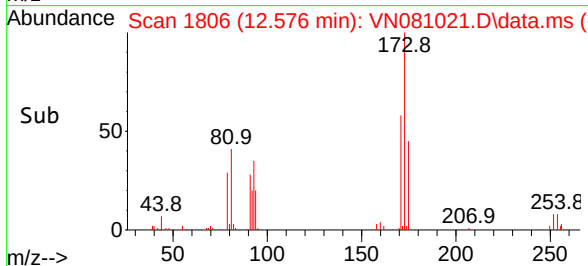
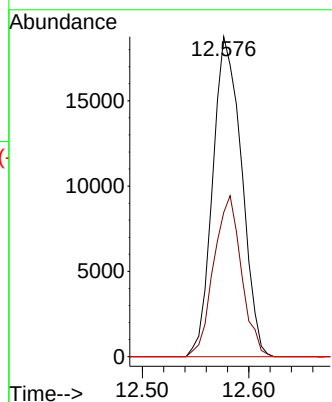
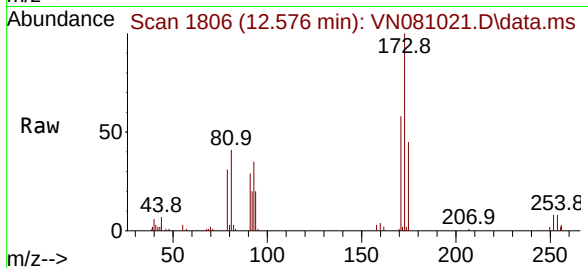
#71
Bromoform
Concen: 10.014 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 35269
Ion Ratio Lower Upper
173 100
175 48.4 23.1 69.2
254 0.0 0.0 0.0

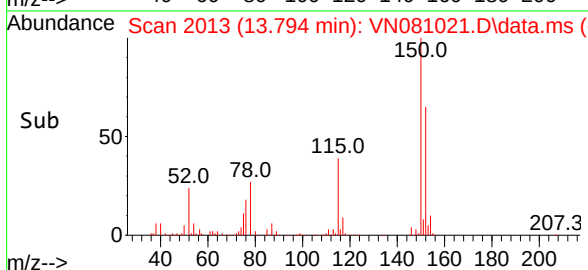
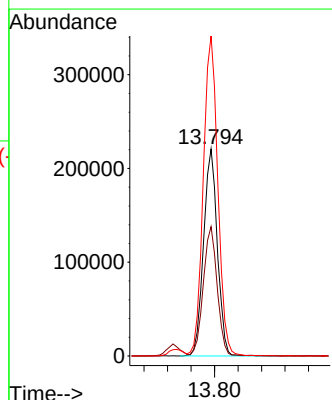
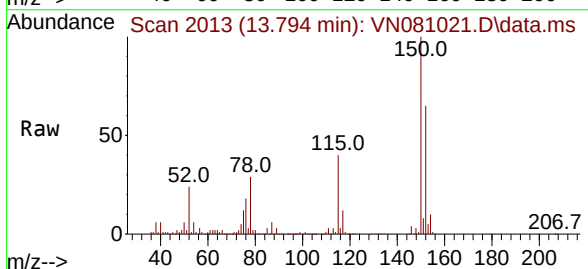
Manual Integrations
APPROVED

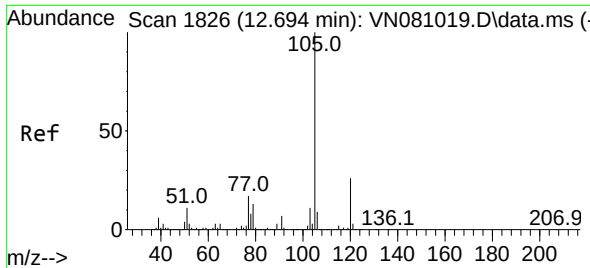
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion:152 Resp: 358494
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 162.9 0.0 339.8





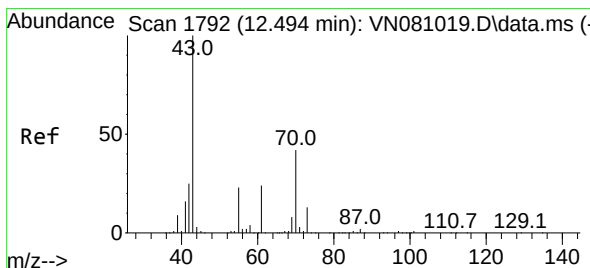
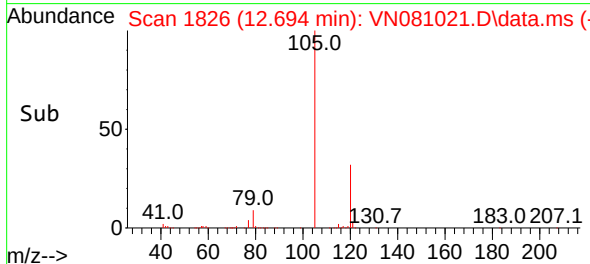
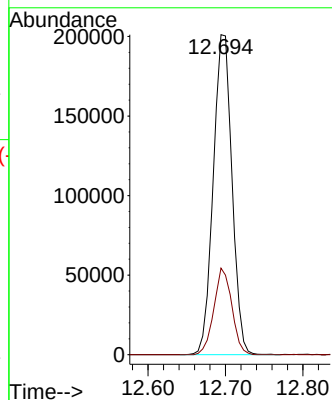
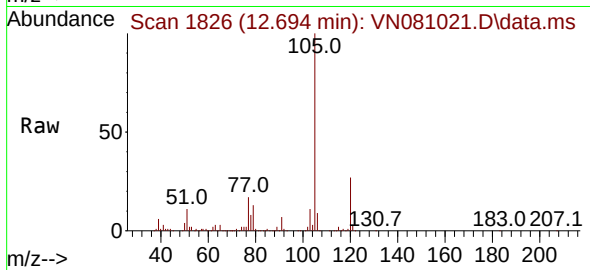
#73
Isopropylbenzene
Concen: 9.325 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 33774
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6

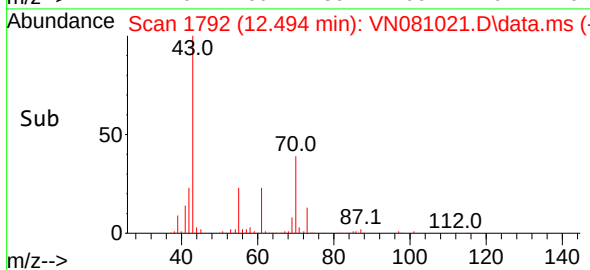
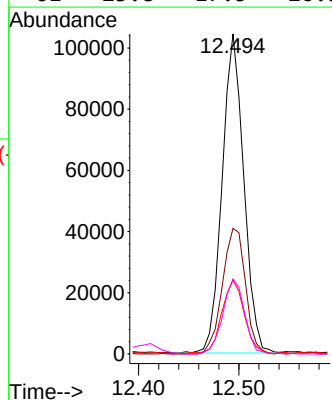
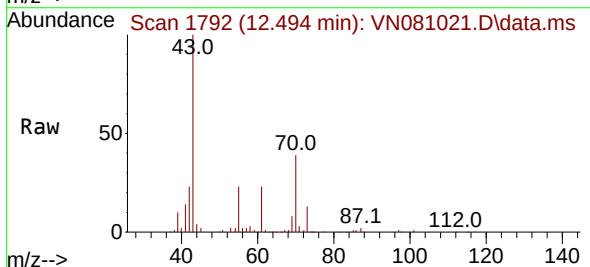
Manual Integrations
APPROVED

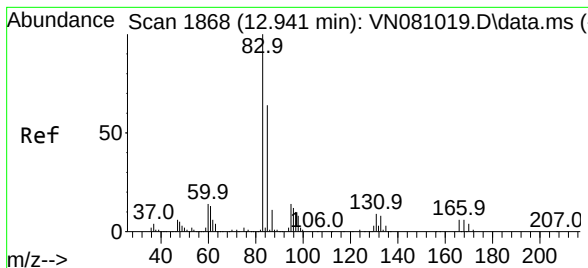
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#74
N-ethyl acetate
Concen: 9.351 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

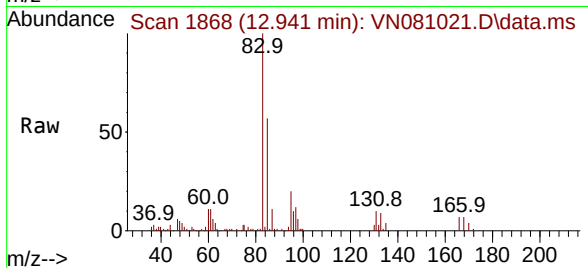
Tgt Ion: 43 Resp: 155828
Ion Ratio Lower Upper
43 100
70 42.0 30.1 45.1
55 24.4 17.0 25.4
61 23.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 9.659 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

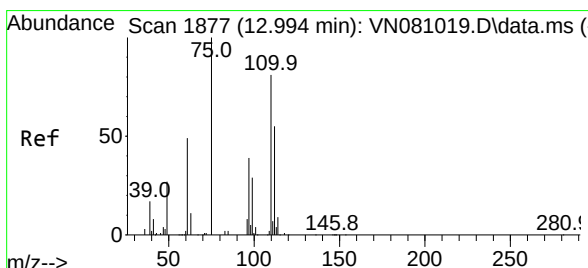
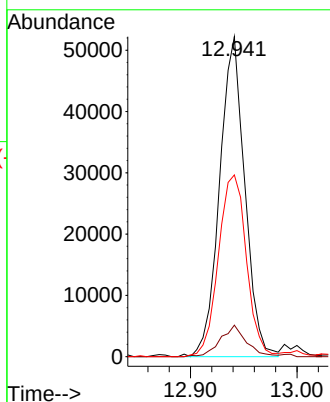
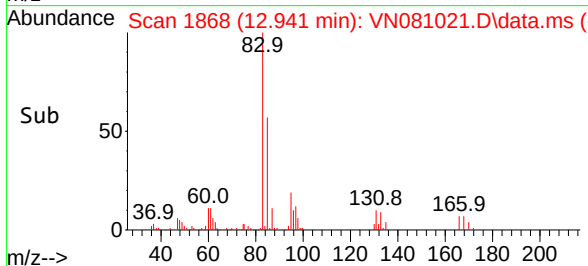
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



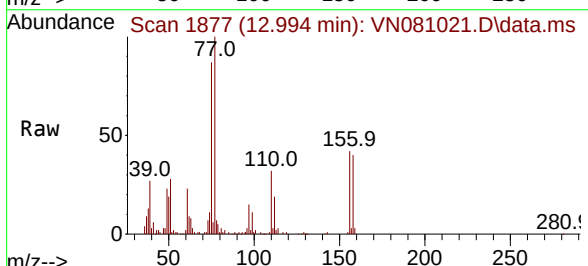
Tgt Ion: 83 Resp: 85874
Ion Ratio Lower Upper
83 100
131 10.1 4.1 12.3
85 63.0 32.1 96.3

Manual Integrations
APPROVED

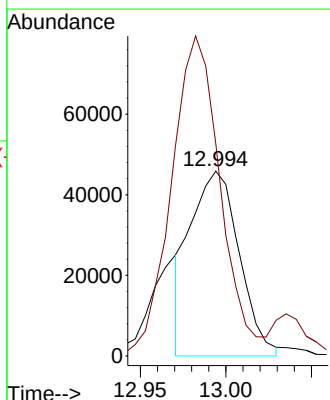
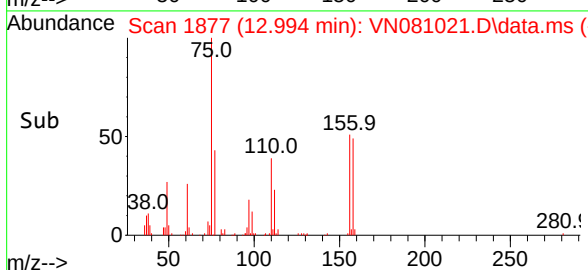
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

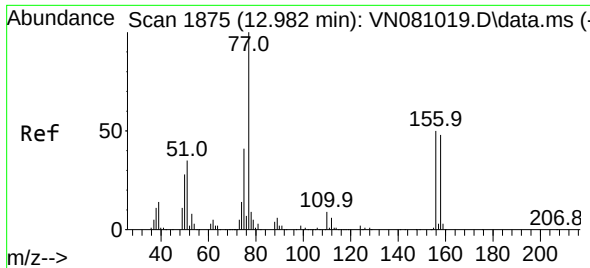


#76
1,2,3-Trichloropropane
Concen: 11.620 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



Tgt Ion: 75 Resp: 90495
Ion Ratio Lower Upper
75 100
77 174.7 91.0 272.8





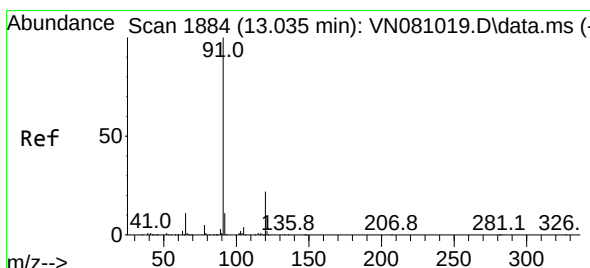
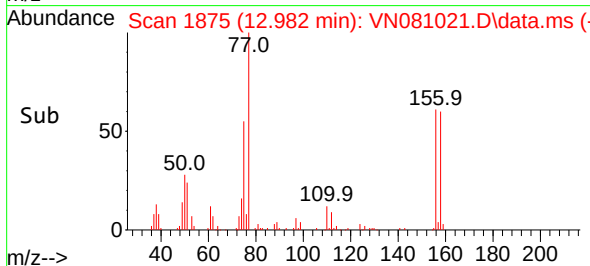
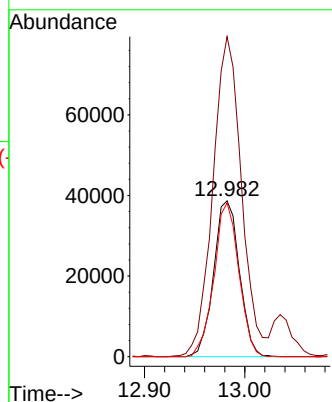
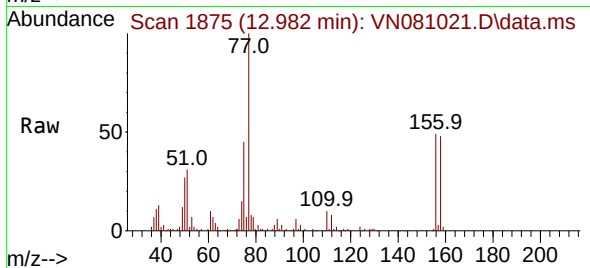
#77
Bromobenzene
Concen: 9.385 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 6885
Ion Ratio Lower Upper
156 100
77 229.6 138.1 414.3
158 95.5 46.5 139.5

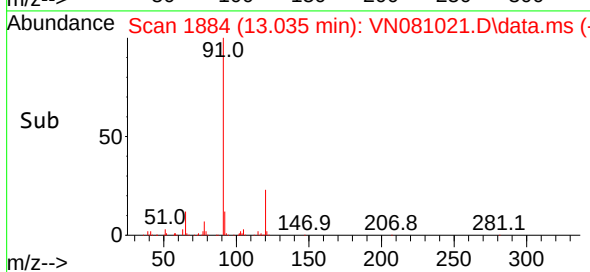
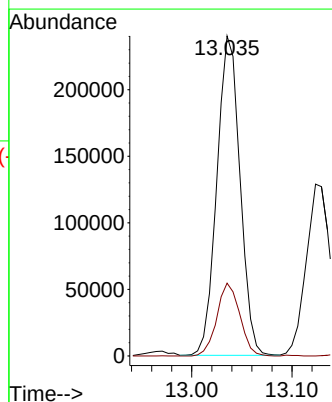
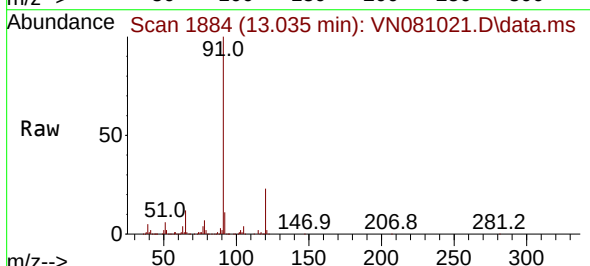
Manual Integrations
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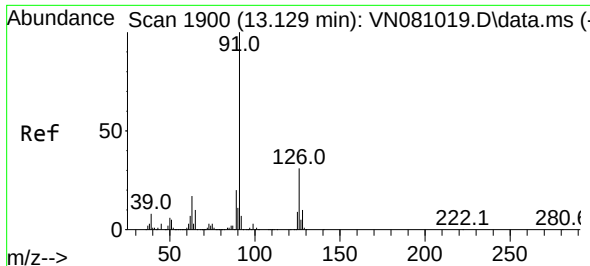
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#78
n-propylbenzene
Concen: 9.304 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

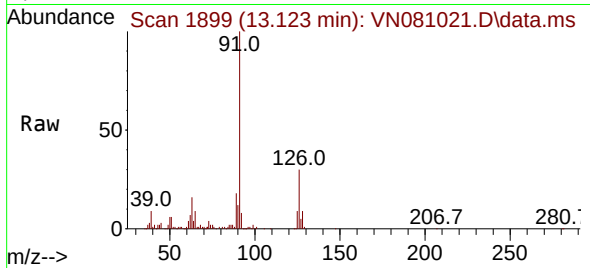
Tgt Ion: 91 Resp: 384567
Ion Ratio Lower Upper
91 100
120 22.6 10.3 30.9





#79
2-Chlorotoluene
Concen: 9.261 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

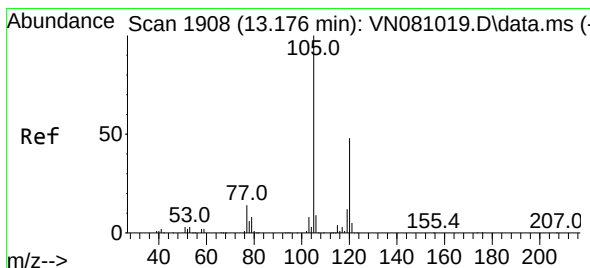
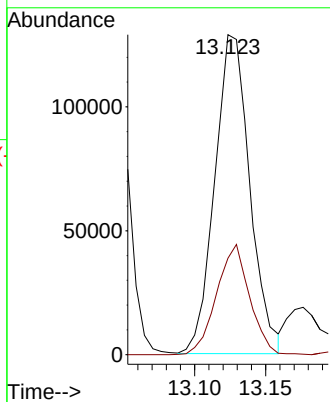
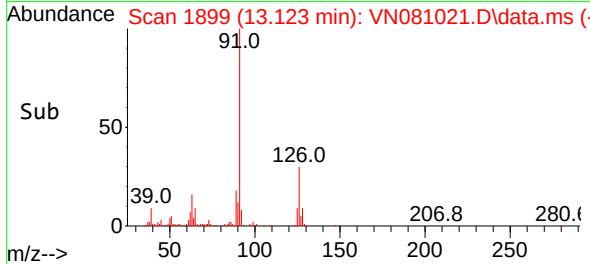
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



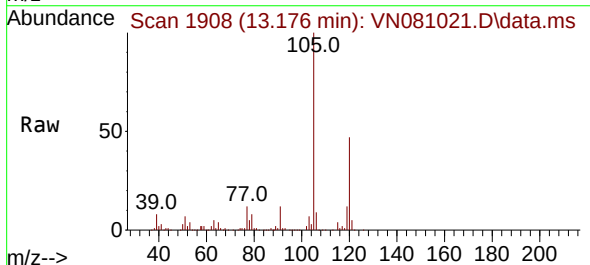
Tgt Ion: 91 Resp: 22108
Ion Ratio Lower Upper
91 100
126 32.5 14.8 44.4

Manual Integrations
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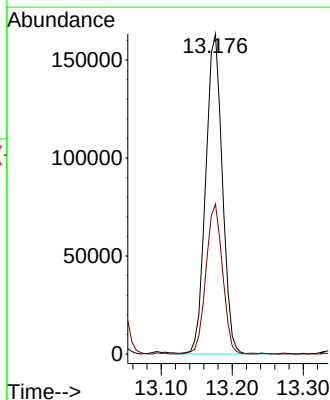
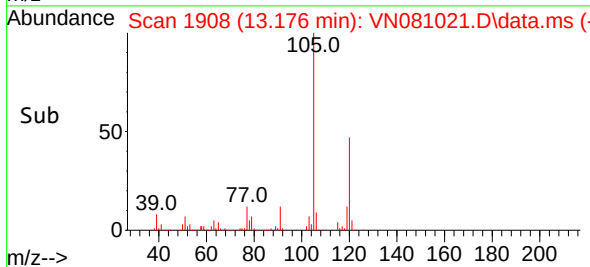
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

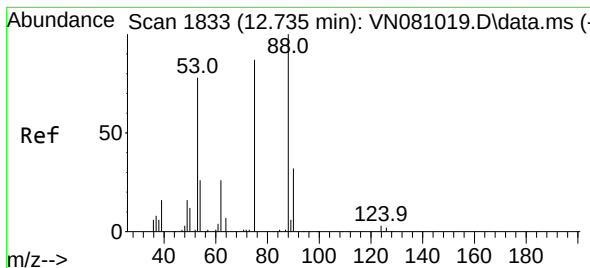


#80
1,3,5-Trimethylbenzene
Concen: 9.478 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



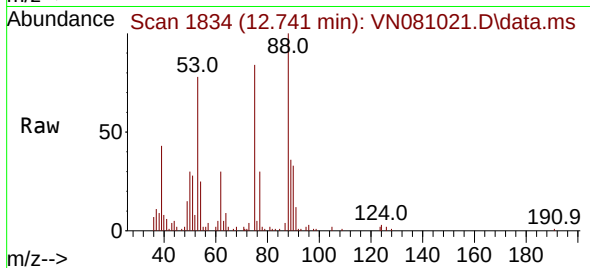
Tgt Ion:105 Resp: 266344
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 9.179 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

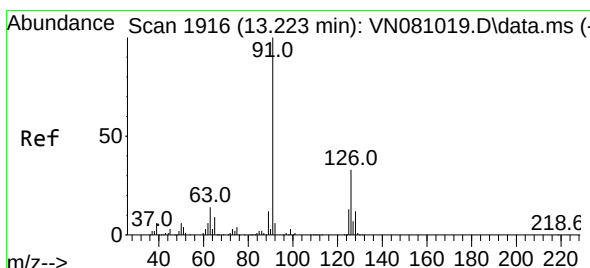
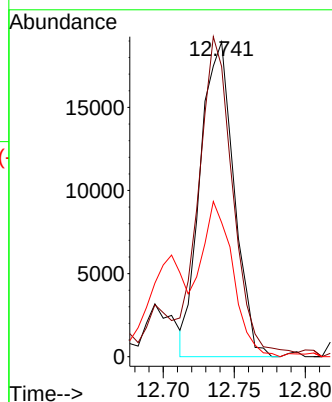
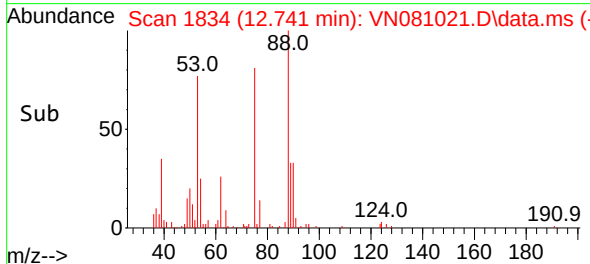
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 31234
Ion Ratio Lower Upper
75 100
53 105.0 71.4 107.2
89 46.7 33.4 50.0

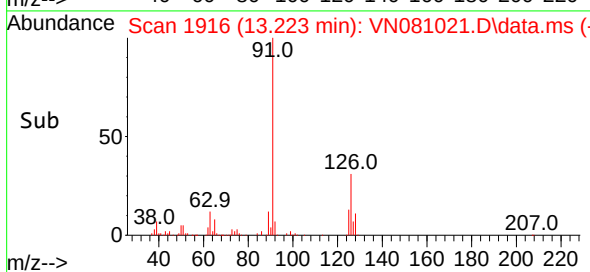
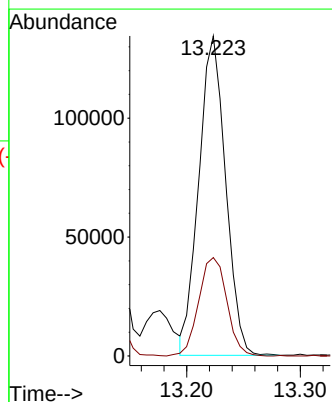
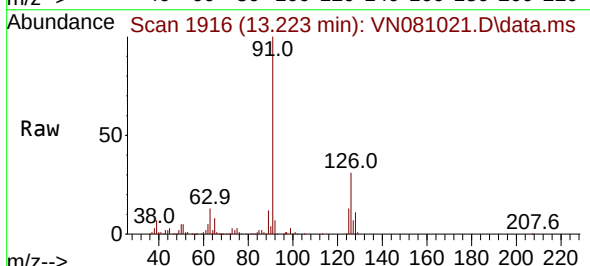
Manual Integrations
APPROVED

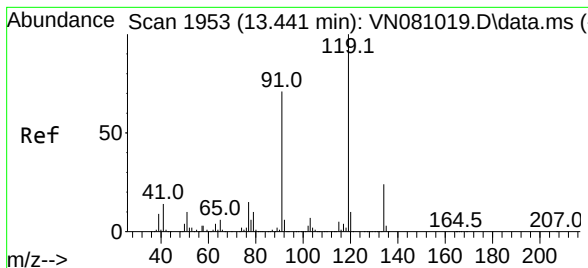
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#82
4-Chlorotoluene
Concen: 9.540 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

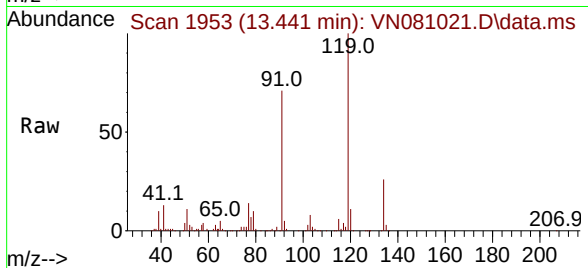
Tgt Ion: 91 Resp: 220084
Ion Ratio Lower Upper
91 100
126 32.3 15.3 45.9





#83
tert-Butylbenzene
Concen: 9.187 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

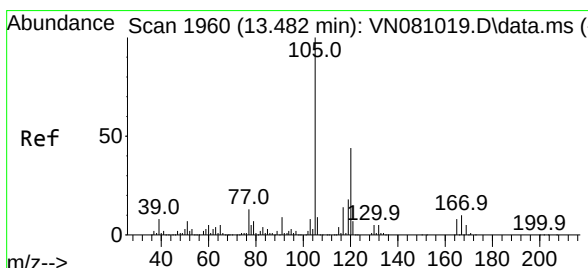
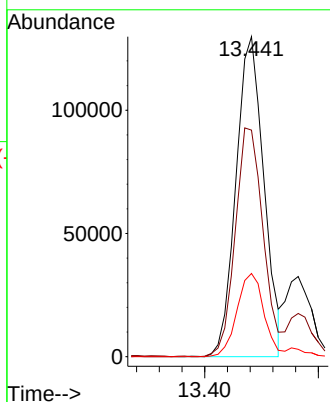
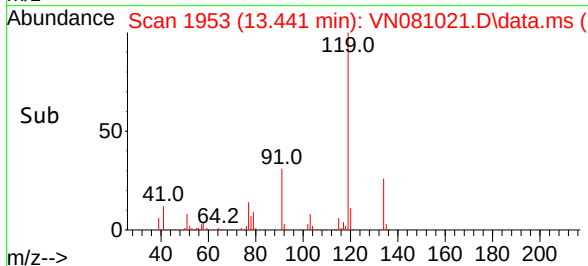
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



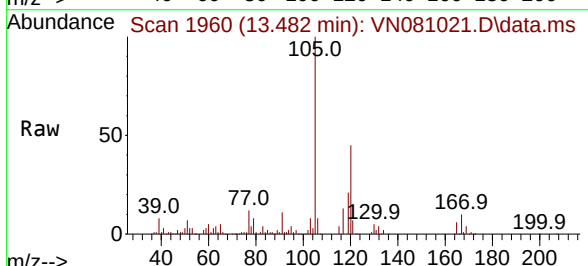
Tgt Ion:119 Resp: 221070
Ion Ratio Lower Upper
119 100
91 72.9 36.8 110.4
134 25.3 12.4 37.4

Manual Integrations
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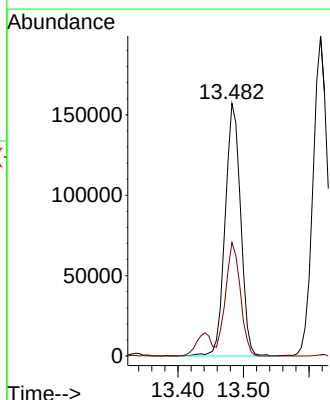
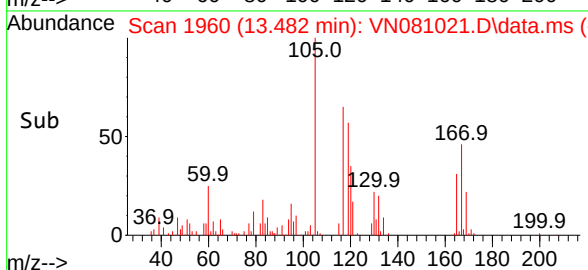
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

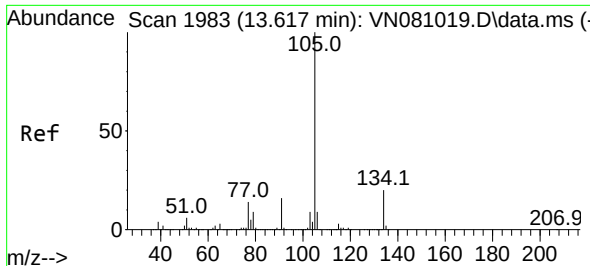


#84
1,2,4-Trimethylbenzene
Concen: 9.500 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01



Tgt Ion:105 Resp: 257232
Ion Ratio Lower Upper
105 100
120 42.7 20.9 62.7





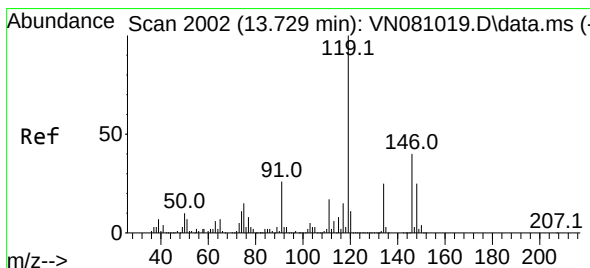
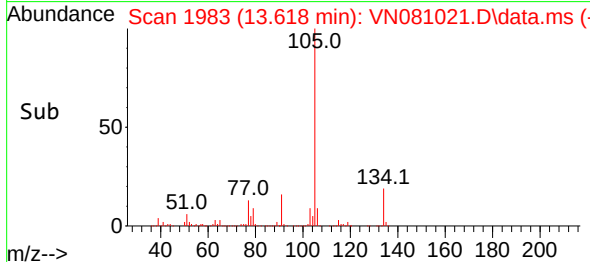
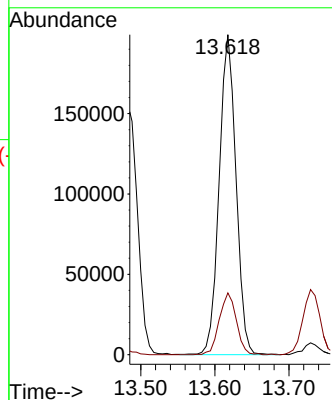
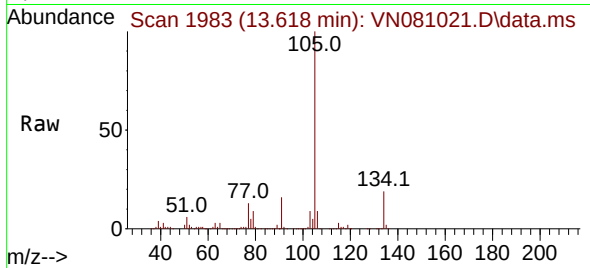
#85
 sec-Butylbenzene
 Concen: 9.518 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081021.D
 Acq: 14 Feb 2024 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 31421
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.6 25.8

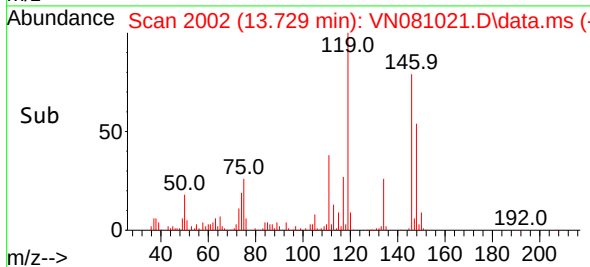
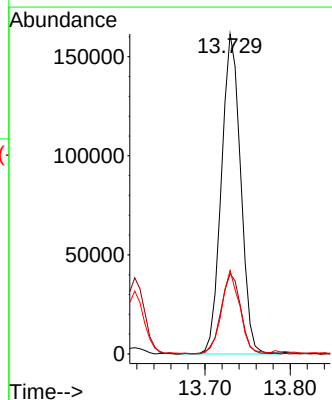
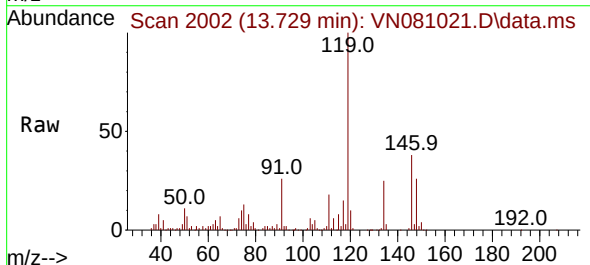
Manual Integrations
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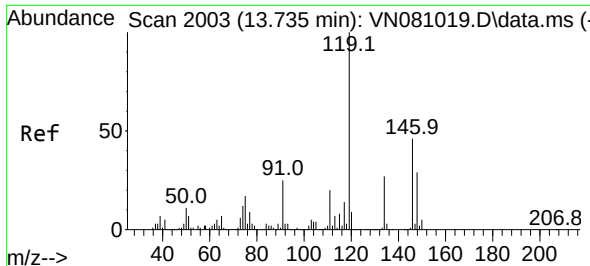
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#86
 p-Isopropyltoluene
 Concen: 9.530 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081021.D
 Acq: 14 Feb 2024 13:01

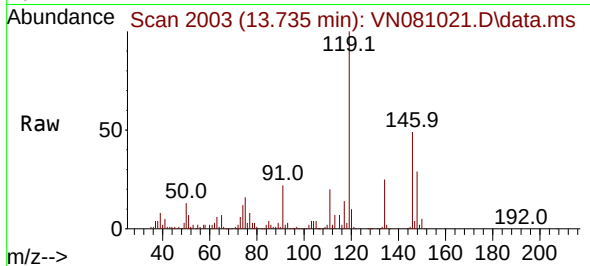
Tgt Ion:119 Resp: 253017
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 24.5 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 9.525 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081021.D
 Acq: 14 Feb 2024 13:01

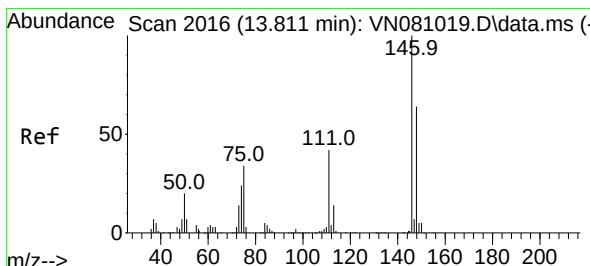
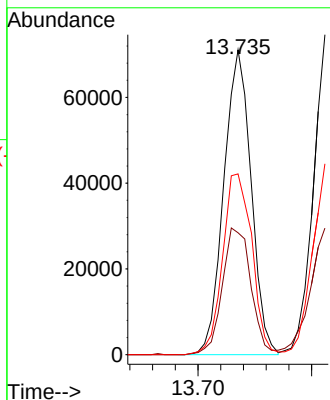
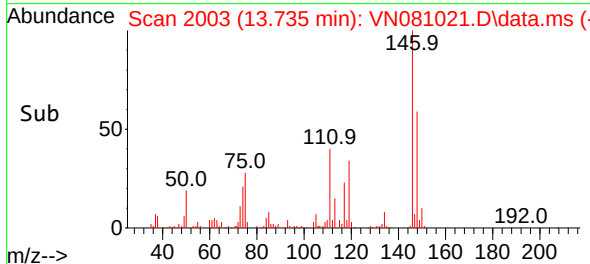
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



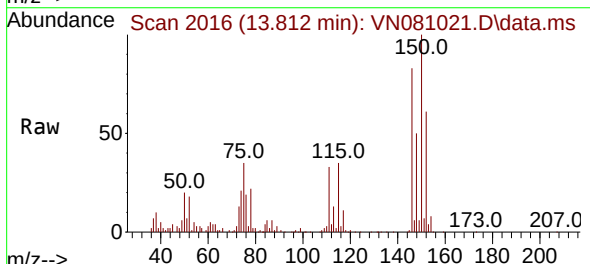
Tgt Ion:146 Resp: 118824
 Ion Ratio Lower Upper
 146 100
 111 43.4 23.9 71.7
 148 63.5 32.6 97.7

Manual Integrations
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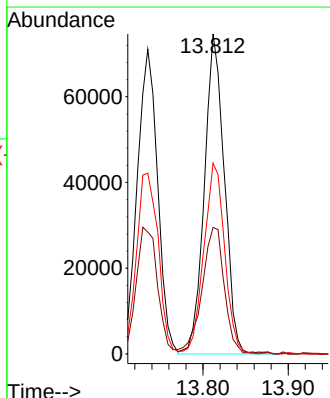
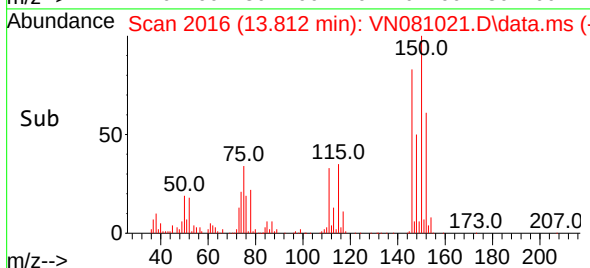
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024

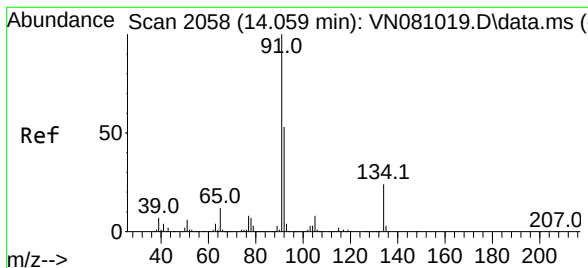


#88
 1,4-Dichlorobenzene
 Concen: 9.443 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081021.D
 Acq: 14 Feb 2024 13:01



Tgt Ion:146 Resp: 121721
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.6 67.7
 148 62.3 31.9 95.5





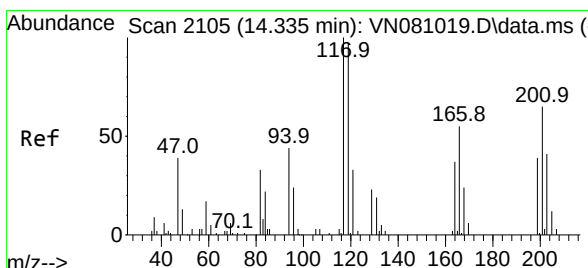
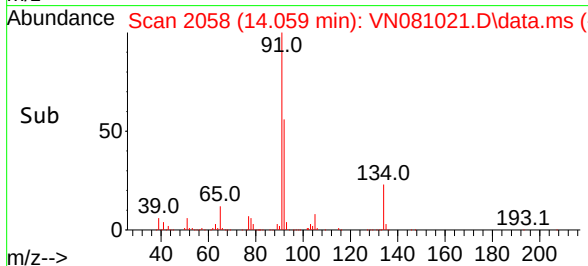
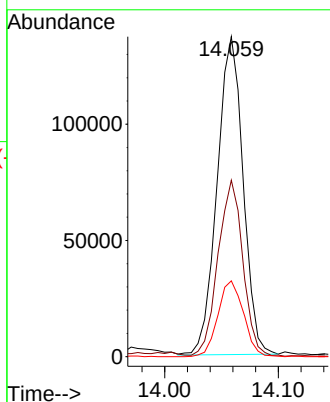
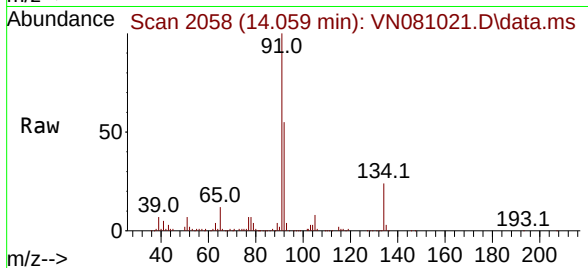
#89
n-Butylbenzene
Concen: 8.933 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 217088
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 23.6 10.8 32.4

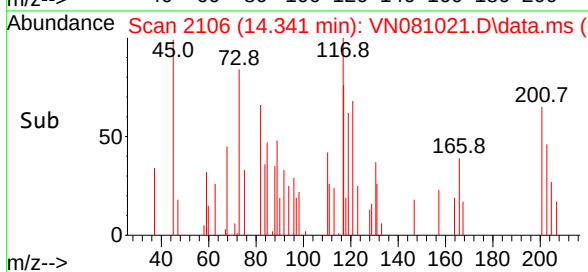
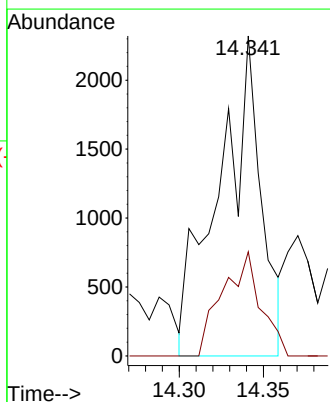
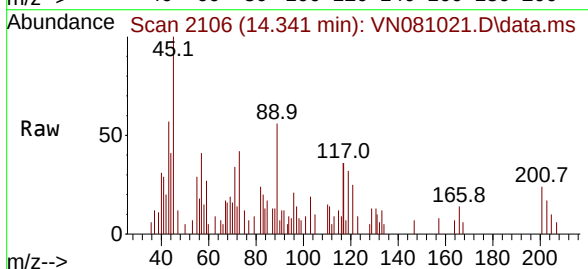
Manual Integrations
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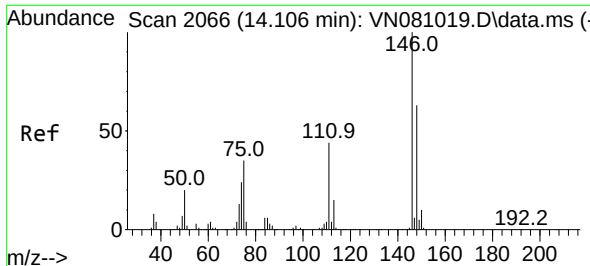
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#90
Hexachloroethane
Concen: 9.122 ug/l m
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion:117 Resp: 4056
Ion Ratio Lower Upper
117 100
201 29.4 30.0 90.0#





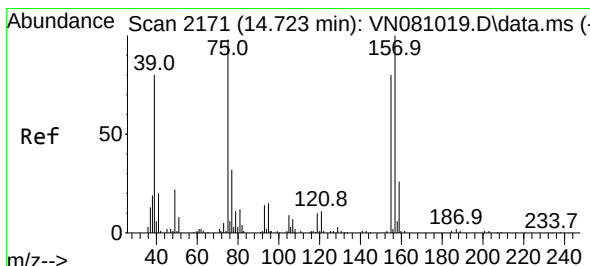
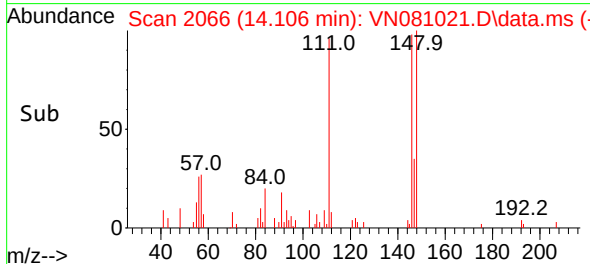
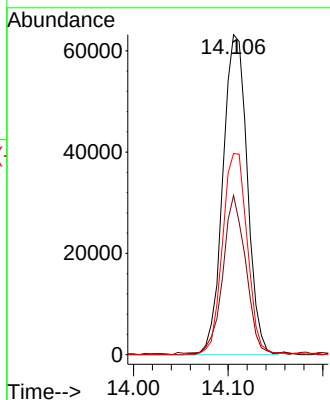
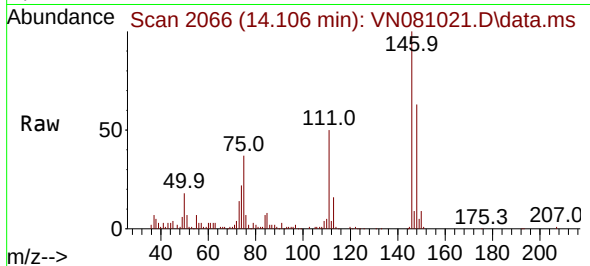
#91
1,2-Dichlorobenzene
Concen: 9.365 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 11325
Ion Ratio Lower Upper
146 100
111 47.3 23.9 71.8
148 63.7 31.4 94.0

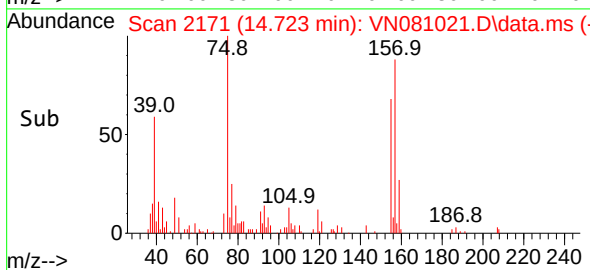
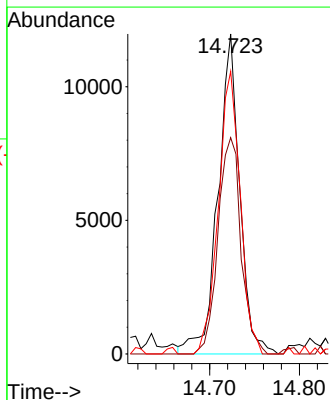
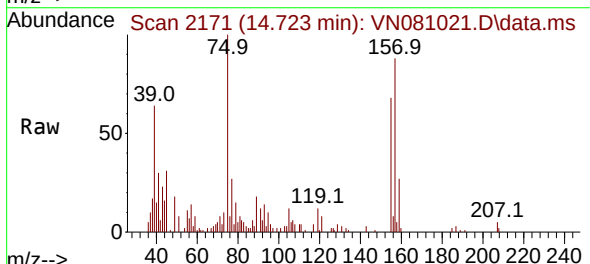
Manual Integrations
APPROVED

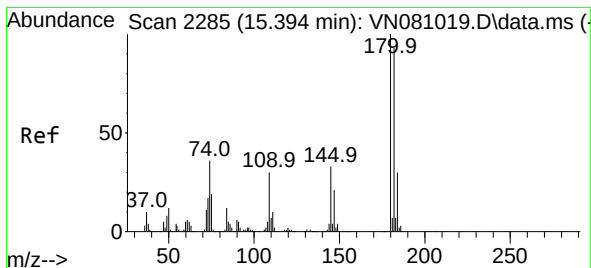
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.988 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081021.D
Acq: 14 Feb 2024 13:01

Tgt Ion: 75 Resp: 20082
Ion Ratio Lower Upper
75 100
155 71.9 31.8 95.4
157 88.7 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 9.007 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:180 Resp: 65260

Ion Ratio Lower Upper

180 100

182 94.5 46.6 139.7

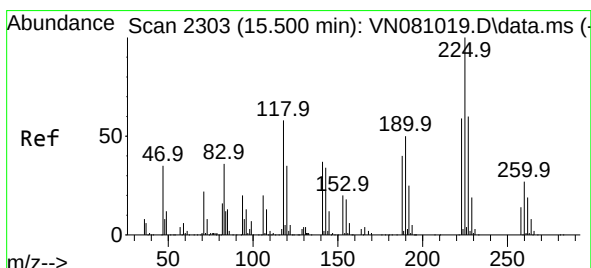
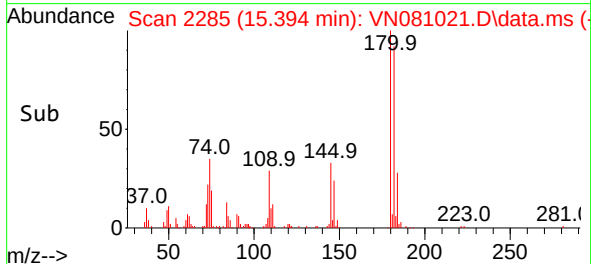
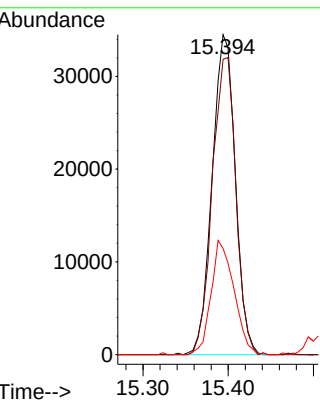
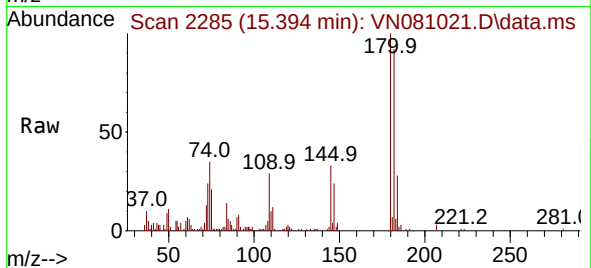
145 35.4 16.8 50.3

Manual Integrations

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Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#94

Hexachlorobutadiene

Concen: 8.799 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

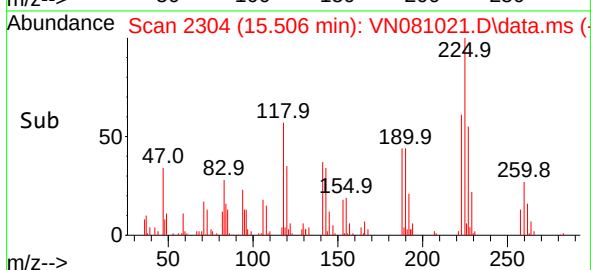
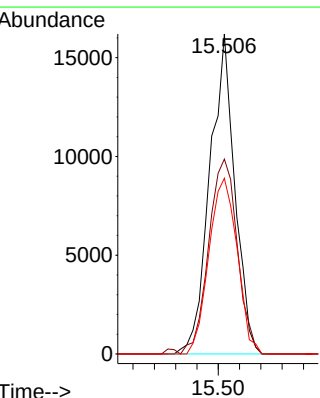
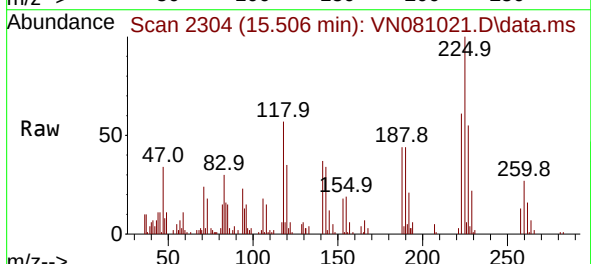
Tgt Ion:225 Resp: 26365

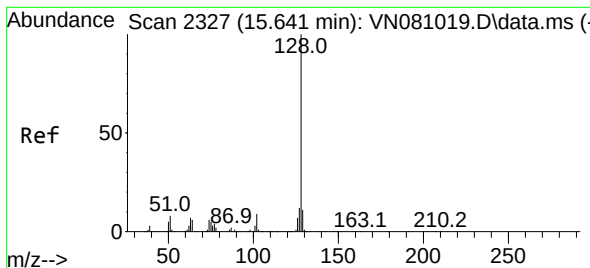
Ion Ratio Lower Upper

225 100

223 70.3 33.3 99.8

227 62.1 33.1 99.2





#95

Naphthalene

Concen: 9.138 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:128 Resp: 23554

Ion Ratio Lower Upper

128 100

127 13.6 10.0 15.0

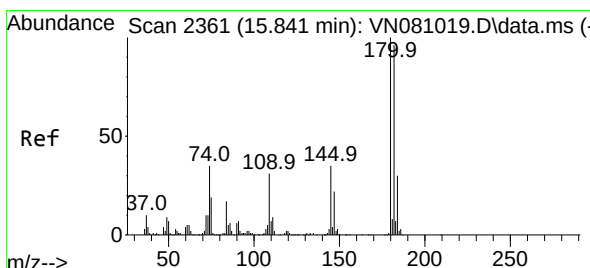
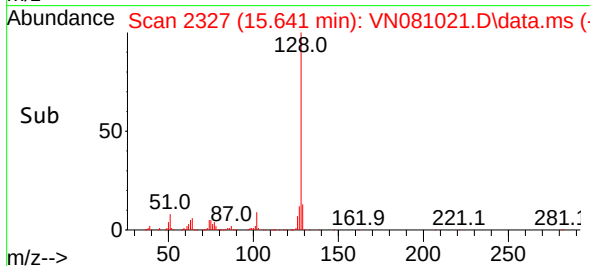
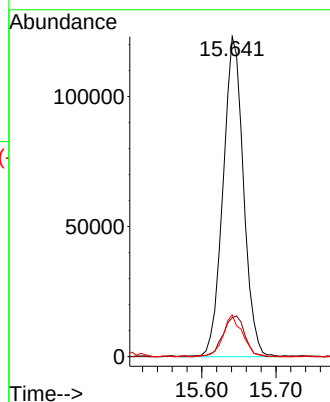
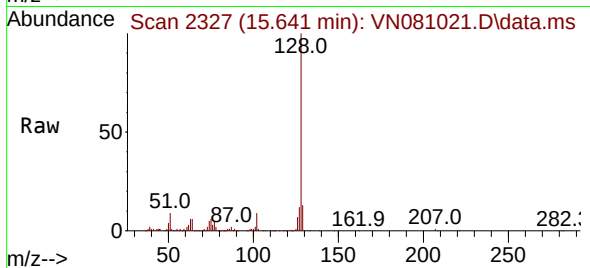
129 12.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 9.182 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081021.D

Acq: 14 Feb 2024 13:01

Tgt Ion:180 Resp: 65193

Ion Ratio Lower Upper

180 100

182 100.3 46.5 139.3

145 36.6 17.8 53.4

