

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081022.D
 Acq On : 14 Feb 2024 13:25
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 07:34:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:33:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	633466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1132781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	943250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	338862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	45917	5.893	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.780%#		
35) Dibromofluoromethane	8.165	113	36643	5.642	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.280%#		
50) Toluene-d8	10.565	98	132572	5.788	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.580%#		
62) 4-Bromofluorobenzene	12.853	95	42276	5.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	38103	4.690	ug/l	91
3) Chloromethane	2.365	50	54987	5.440	ug/l	91
4) Vinyl Chloride	2.518	62	44393	5.203	ug/l	100
5) Bromomethane	2.942	94	23230	5.396	ug/l	94
6) Chloroethane	3.118	64	26284	4.791	ug/l	98
7) Trichlorofluoromethane	3.495	101	62711	5.221	ug/l	85
8) Diethyl Ether	3.959	74	24672	5.181	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	35517	5.011	ug/l	92
10) Methyl Iodide	4.583	142	35197	4.890	ug/l	95
11) Tert butyl alcohol	5.530	59	36207	25.906	ug/l #	72
12) 1,1-Dichloroethene	4.336	96	36705	5.316	ug/l	91
13) Acrolein	4.183	56	41106	29.017	ug/l	91
14) Allyl chloride	5.018	41	62318	5.543	ug/l	97
15) Acrylonitrile	5.712	53	88474	24.716	ug/l	93
16) Acetone	4.430	43	77405	25.377	ug/l	98
17) Carbon Disulfide	4.712	76	100215	5.010	ug/l	96
18) Methyl Acetate	5.024	43	41775	5.200	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	121962	5.063	ug/l	99
20) Methylene Chloride	5.265	84	41450	5.217	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	40123	5.286	ug/l	90
22) Diisopropyl ether	6.671	45	127972	5.204	ug/l	94
23) Vinyl Acetate	6.600	43	504893m	25.477	ug/l	
24) 1,1-Dichloroethane	6.565	63	69553	5.072	ug/l	98
25) 2-Butanone	7.477	43	125269	25.297	ug/l	97
26) 2,2-Dichloropropane	7.488	77	61455	4.869	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	43614	4.972	ug/l	92
28) Bromochloromethane	7.812	49	30290	5.471	ug/l #	70
29) Tetrahydrofuran	7.836	42	85618	26.903	ug/l	90
30) Chloroform	7.959	83	77450	5.262	ug/l	94
31) Cyclohexane	8.259	56	77942	5.758	ug/l #	87
32) 1,1,1-Trichloroethane	8.165	97	65563	5.045	ug/l	88
36) 1,1-Dichloropropene	8.371	75	54885	5.065	ug/l	97
37) Ethyl Acetate	7.553	43	49540	4.998	ug/l #	95
38) Carbon Tetrachloride	8.359	117	38983	4.915	ug/l #	94
39) Methylcyclohexane	9.600	83	64951	4.872	ug/l	95
40) Benzene	8.606	78	164123	5.122	ug/l	97

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:34:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28372	4.715	ug/l	95
42) 1,2-Dichloroethane	8.671	62	58258	5.122	ug/l	98
43) Isopropyl Acetate	8.683	43	94422	5.084	ug/l #	96
44) Trichloroethene	9.353	130	47932	5.050	ug/l	97
45) 1,2-Dichloropropane	9.624	63	40393	5.096	ug/l	100
46) Dibromomethane	9.706	93	28142	5.029	ug/l	92
47) Bromodichloromethane	9.888	83	54833	5.000	ug/l #	92
48) Methyl methacrylate	9.682	41	41749	4.775	ug/l	91
49) 1,4-Dioxane	9.694	88	22993	87.997	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	265364	25.621	ug/l	95
52) Toluene	10.629	92	100972	5.044	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	65801	5.093	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	67194	4.918	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	37705	5.009	ug/l	93
56) Ethyl methacrylate	10.871	69	60825	4.935	ug/l	93
57) 1,3-Dichloropropane	11.165	76	67244	5.000	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	159602	26.097	ug/l	92
59) 2-Hexanone	11.194	43	193430	25.429	ug/l	96
60) Dibromochloromethane	11.359	129	35204	4.918	ug/l	99
61) 1,2-Dibromoethane	11.471	107	39659	5.011	ug/l	99
64) Tetrachloroethene	11.100	164	50749	5.277	ug/l	86
65) Chlorobenzene	11.894	112	99954	5.054	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	34768	5.106	ug/l	97
67) Ethyl Benzene	11.965	91	188036	5.043	ug/l	97
68) m/p-Xylenes	12.071	106	141110	10.262	ug/l	99
69) o-Xylene	12.400	106	69449	5.207	ug/l	99
70) Styrene	12.412	104	104934	4.937	ug/l	98
71) Bromoform	12.582	173	16617	4.796	ug/l #	92
73) Isopropylbenzene	12.700	105	171713	5.015	ug/l	98
74) N-amyl acetate	12.494	43	81845	5.196	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	43408	5.166	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	35510m	4.824	ug/l	
77) Bromobenzene	12.982	156	35784	5.160	ug/l	80
78) n-propylbenzene	13.035	91	195646	5.008	ug/l	96
79) 2-Chlorotoluene	13.129	91	118147	5.236	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	137149	5.163	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	17095	5.315	ug/l	92
82) 4-Chlorotoluene	13.223	91	114001	5.228	ug/l	98
83) tert-Butylbenzene	13.441	119	119254	5.243	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	131985	5.157	ug/l	95
85) sec-Butylbenzene	13.617	105	158895	5.092	ug/l	95
86) p-Isopropyltoluene	13.729	119	127228	5.070	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	61933	5.252	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	63262	5.192	ug/l	98
89) n-Butylbenzene	14.059	91	112767	4.909	ug/l	98
90) Hexachloroethane	14.341	117	4549m	6.045	ug/l	
91) 1,2-Dichlorobenzene	14.106	146	58979	5.159	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10400	4.827	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	32744	4.781	ug/l	97
94) Hexachlorobutadiene	15.506	225	14012	4.947	ug/l	93
95) Naphthalene	15.641	128	122453	5.026	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32598	4.857	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:33:58 2024
Response via : Initial Calibration

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

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Data File : VN081022.D
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Operator : JC\MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

VSTDIC005

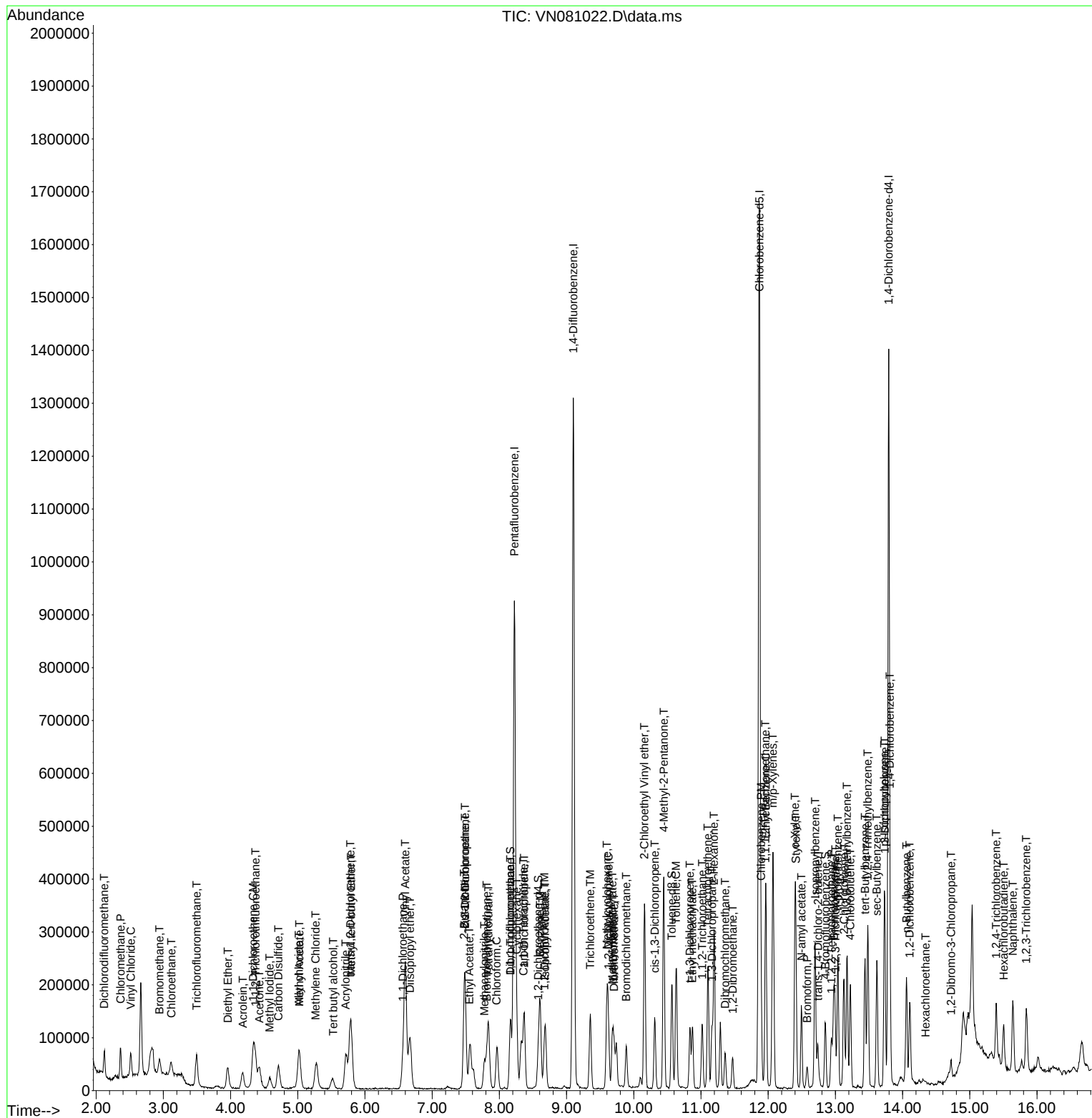
Manual Integrations

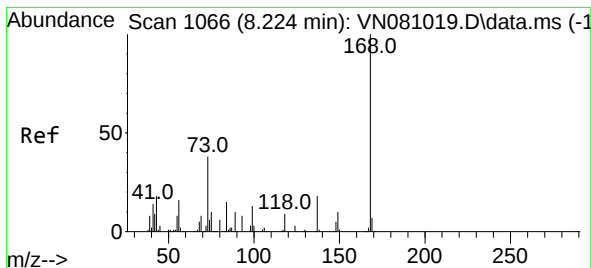
APPROVED

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Supervised By :Mahesh Dadoda 02/15/2024

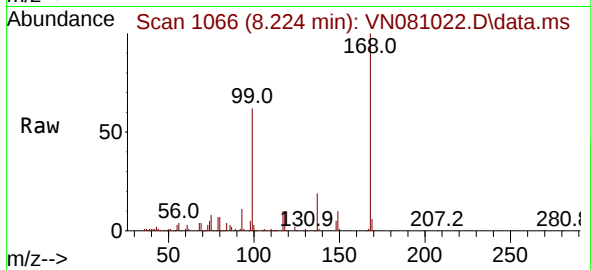
Quant Time: Feb 15 07:34:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:33:58 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

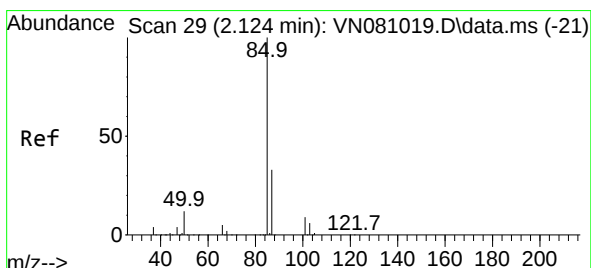
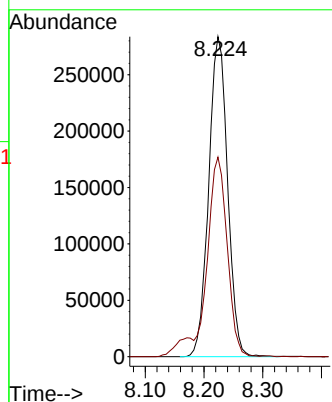
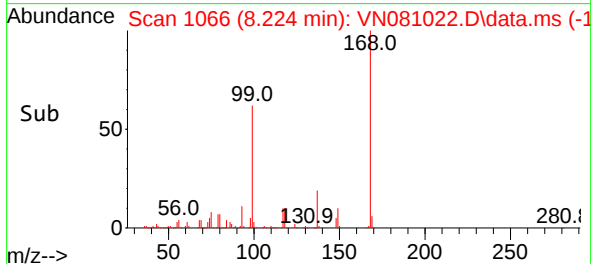
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 633460
Ion Ratio Lower Upper
168 100
99 62.3 59.9 89.9

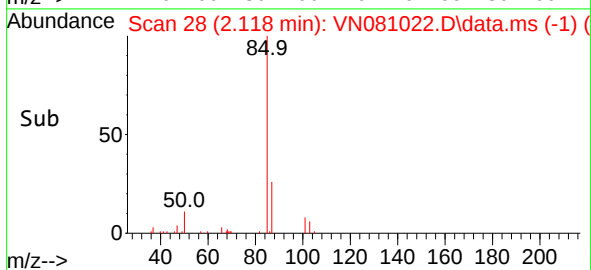
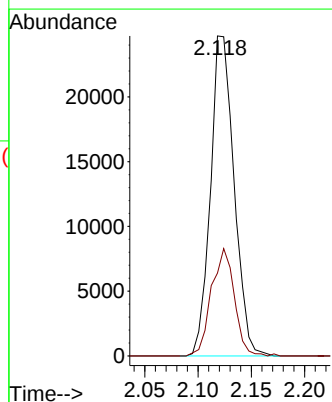
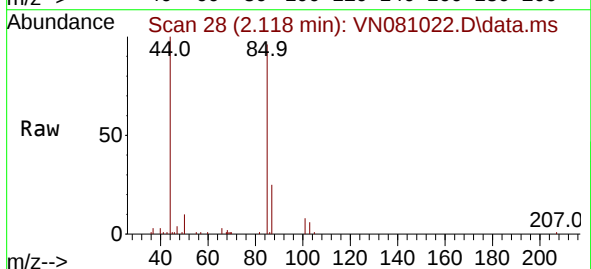
Manual Integrations
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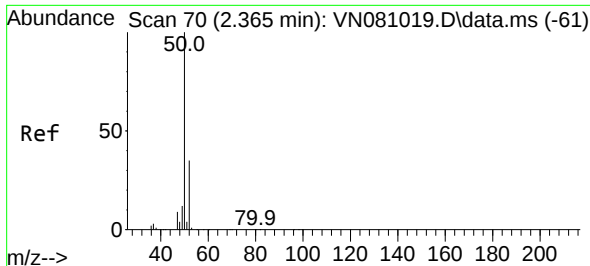
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#2
Dichlorodifluoromethane
Concen: 4.690 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

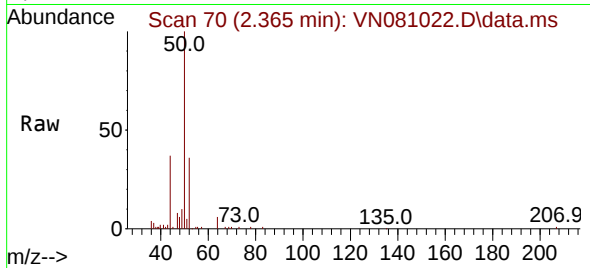
Tgt Ion: 85 Resp: 38103
Ion Ratio Lower Upper
85 100
87 25.9 15.3 45.9





#3
Chloromethane
Concen: 5.440 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

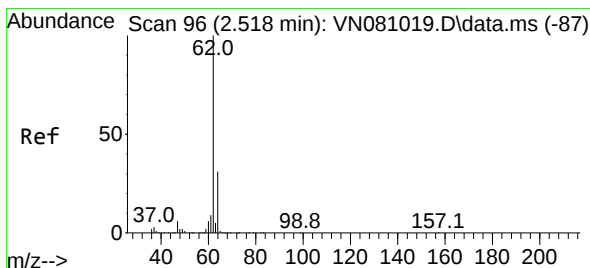
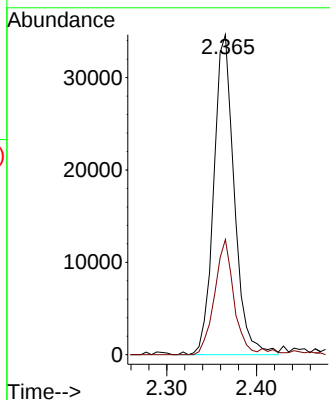
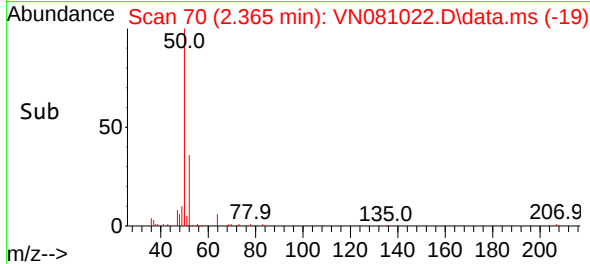
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 5498
Ion Ratio Lower Upper
50 100
52 36.0 25.0 37.4

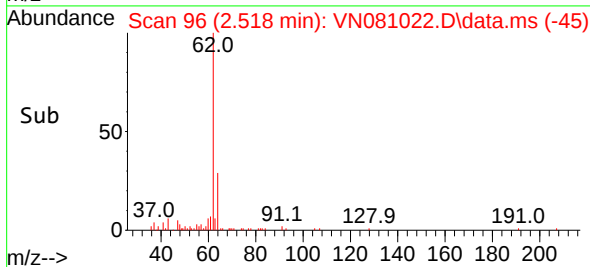
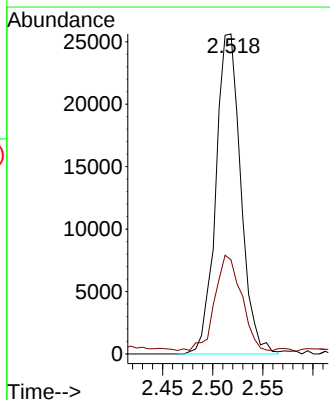
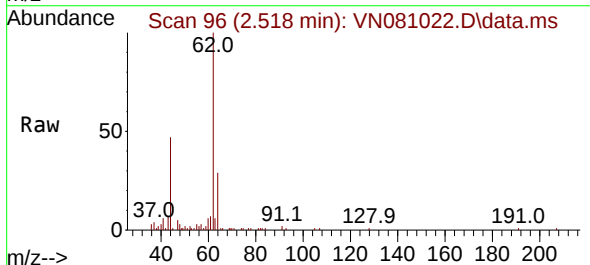
Manual Integrations
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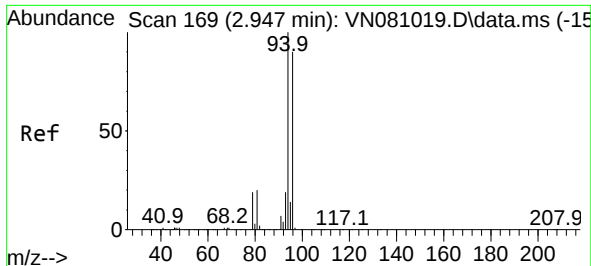
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#4
Vinyl Chloride
Concen: 5.203 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

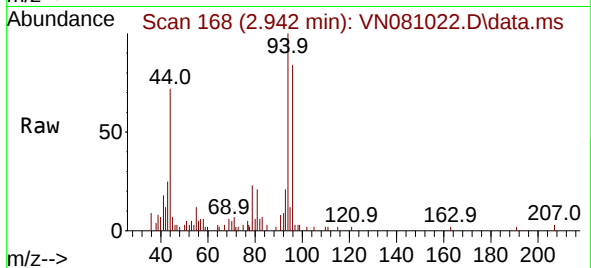
Tgt Ion: 62 Resp: 44393
Ion Ratio Lower Upper
62 100
64 28.3 22.7 34.1





#5
Bromomethane
Concen: 5.396 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

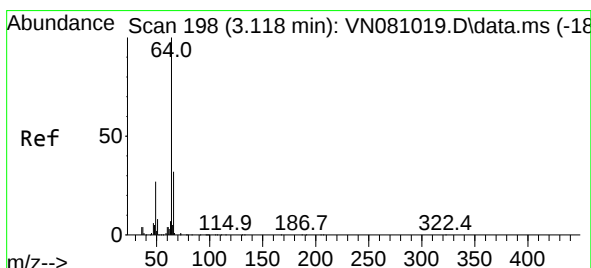
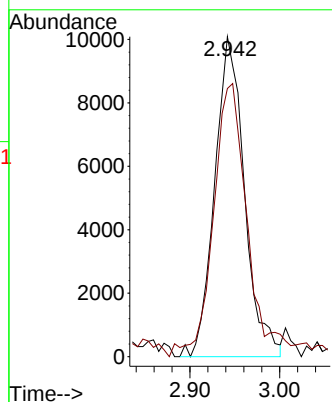
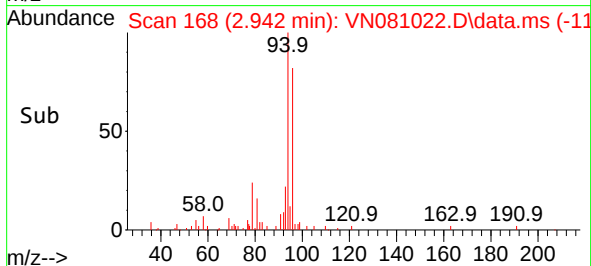
Instrument :
MSVOA_N
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VSTDICC005



Tgt Ion: 94 Resp: 23230
Ion Ratio Lower Upper
94 100
96 81.0 69.2 103.8

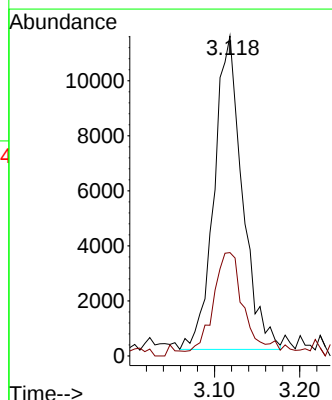
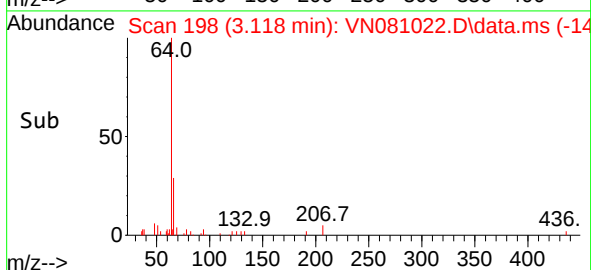
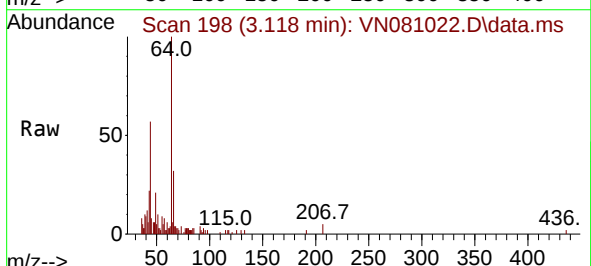
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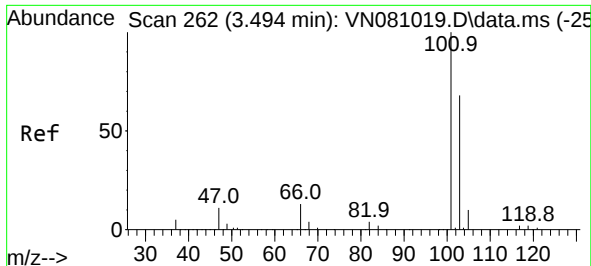
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#6
Chloroethane
Concen: 4.791 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

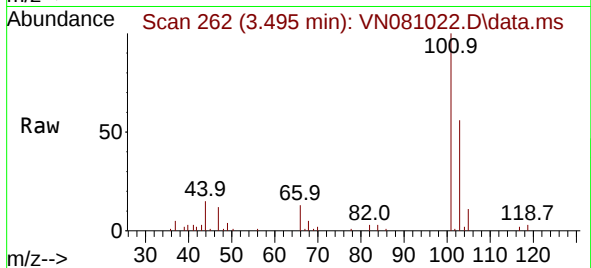
Tgt Ion: 64 Resp: 26284
Ion Ratio Lower Upper
64 100
66 31.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 5.221 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

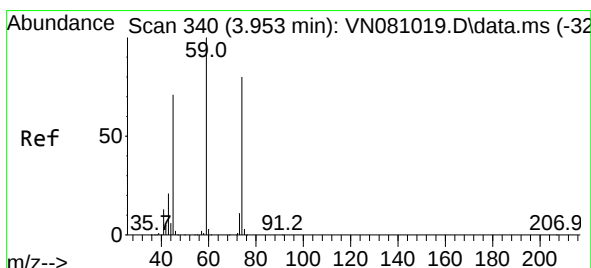
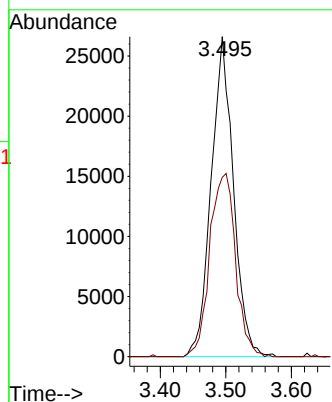
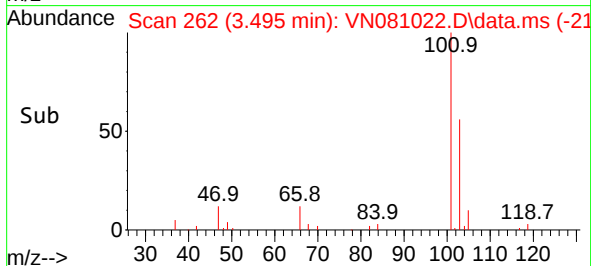
Instrument :
MSVOA_N
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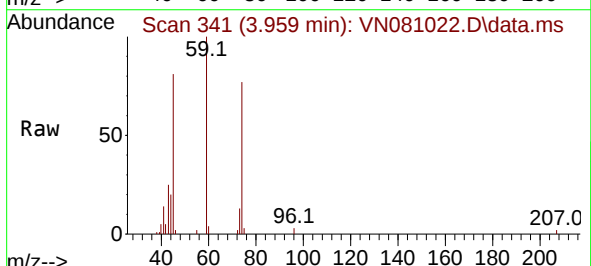
Tgt Ion:101 Resp: 6271
Ion Ratio Lower Upper
101 100
103 56.0 54.4 81.6

Manual Integrations
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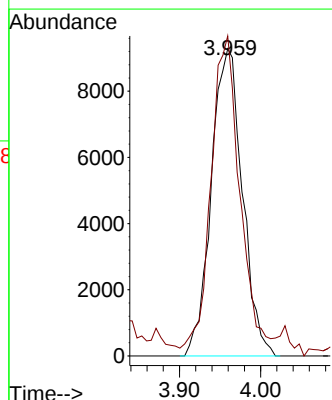
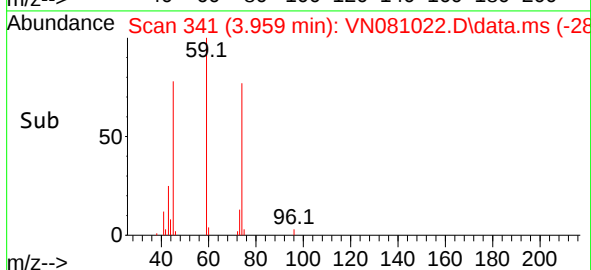
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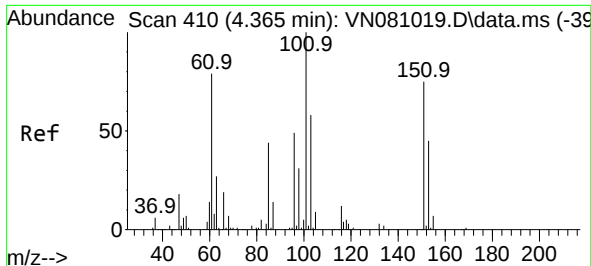


#8
Diethyl Ether
Concen: 5.181 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



Tgt Ion: 74 Resp: 24672
Ion Ratio Lower Upper
74 100
45 94.3 53.3 159.9





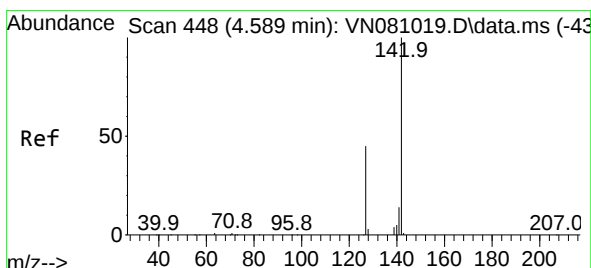
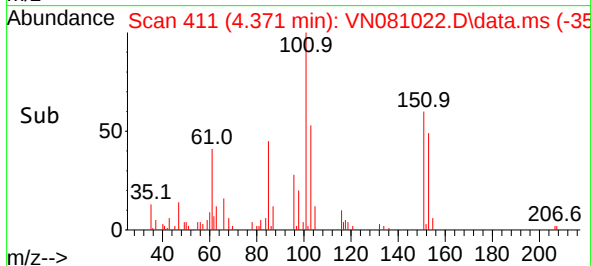
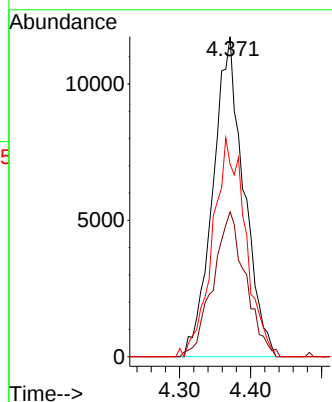
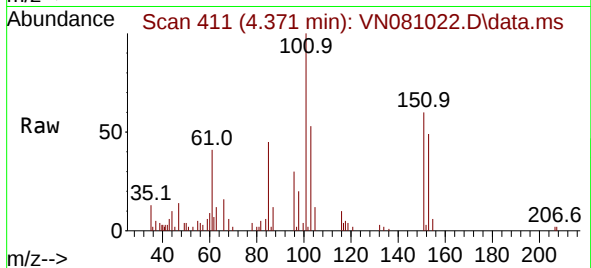
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.011 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3551
Ion Ratio Lower Upper
101 100
85 47.6 38.1 57.1
151 72.6 49.1 73.7

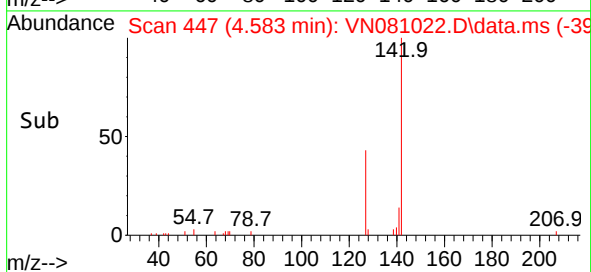
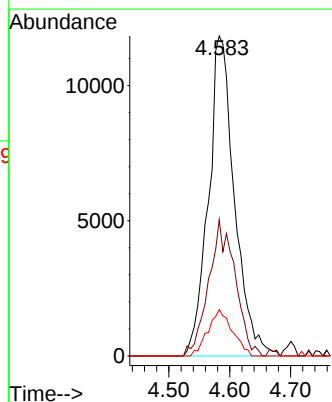
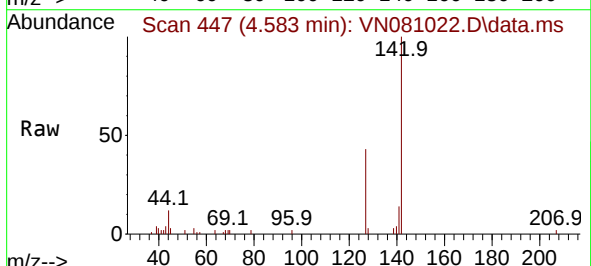
Manual Integrations
APPROVED

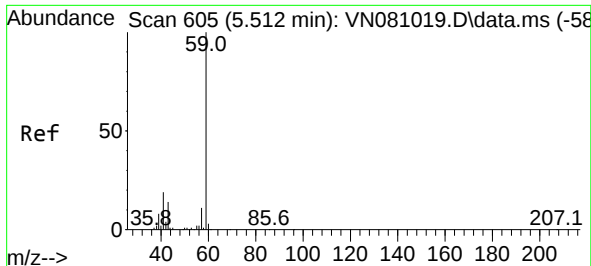
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#10
Methyl Iodide
Concen: 4.890 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

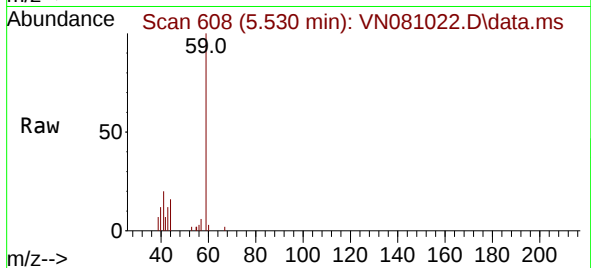
Tgt Ion:142 Resp: 35197
Ion Ratio Lower Upper
142 100
127 42.5 37.0 55.4
141 14.5 12.5 18.7





#11
Tert butyl alcohol
Concen: 25.906 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

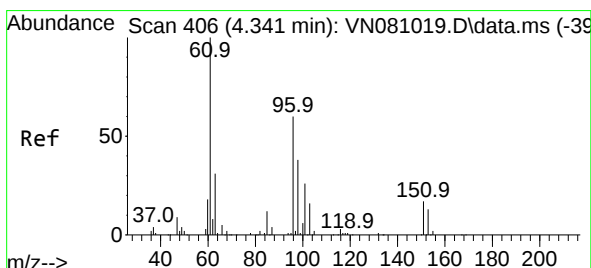
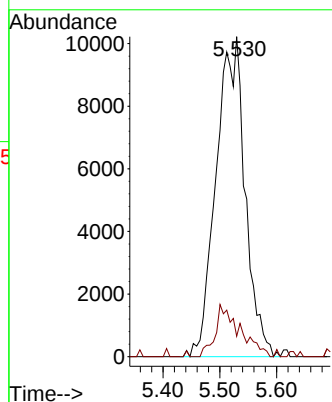
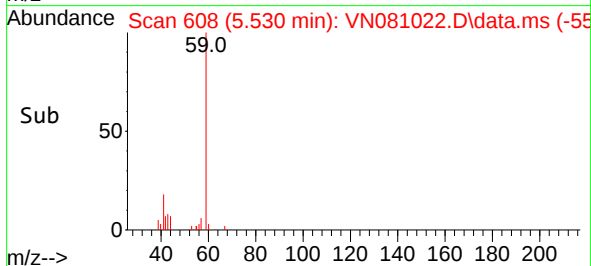
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



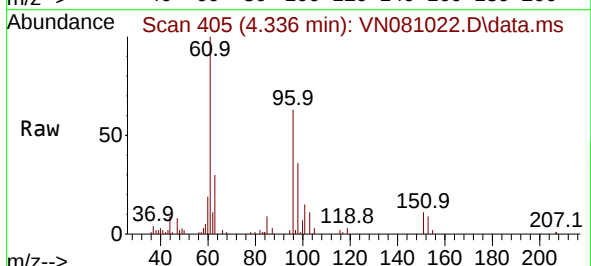
Tgt Ion: 59 Resp: 3620
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
APPROVED

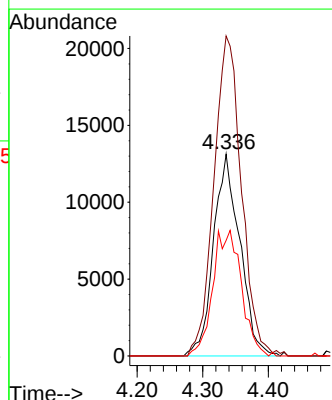
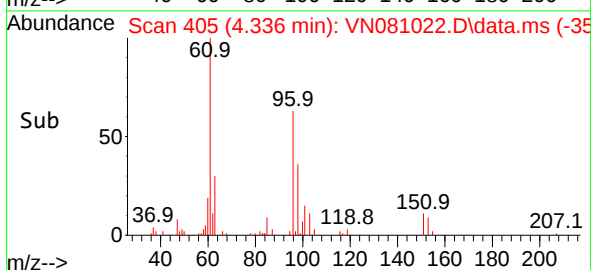
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

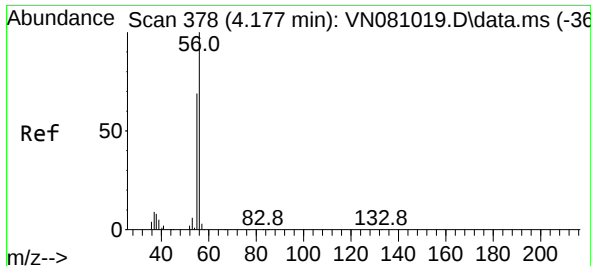


#12
1,1-Dichloroethene
Concen: 5.316 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



Tgt Ion: 96 Resp: 36705
Ion Ratio Lower Upper
96 100
61 158.6 138.2 207.4
98 57.3 49.2 73.8





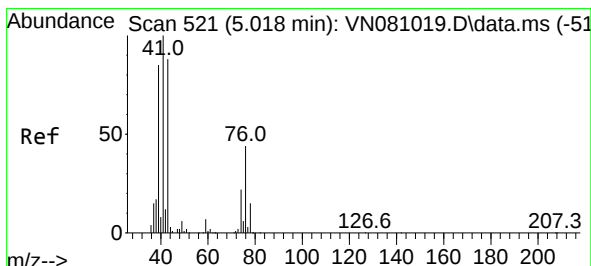
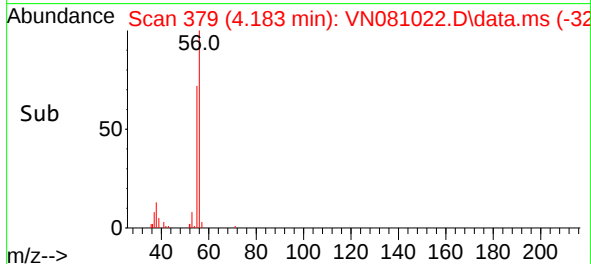
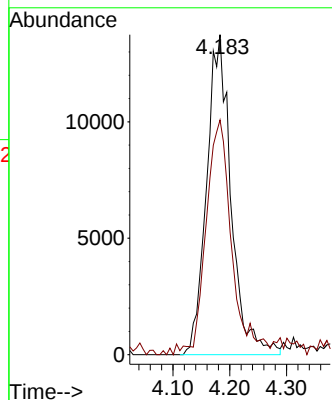
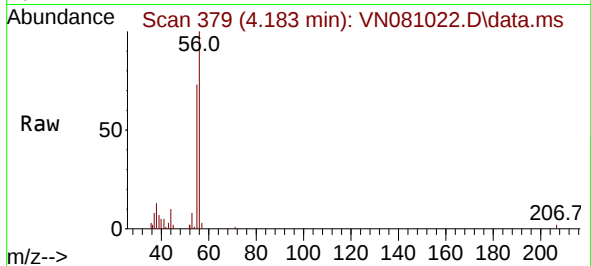
#13
Acrolein
Concen: 29.017 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 41100
Ion Ratio Lower Upper
56 100
55 76.7 55.3 82.9

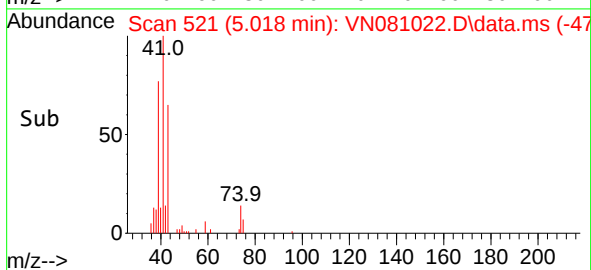
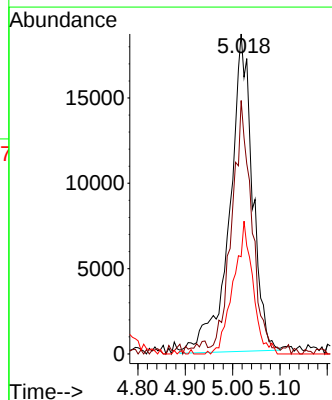
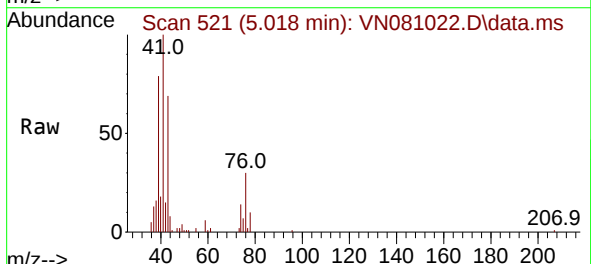
Manual Integrations
APPROVED

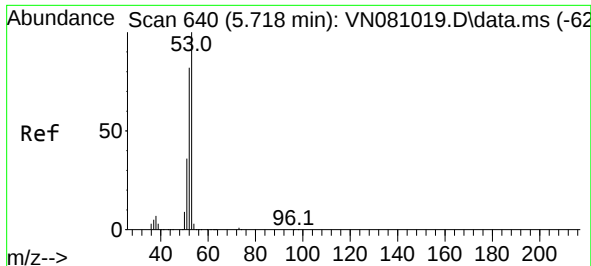
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#14
Allyl chloride
Concen: 5.543 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

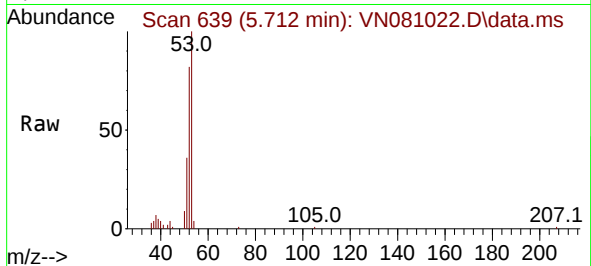
Tgt Ion: 41 Resp: 62318
Ion Ratio Lower Upper
41 100
39 70.3 57.7 86.5
76 35.8 26.8 40.2





#15
Acrylonitrile
Concen: 24.716 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

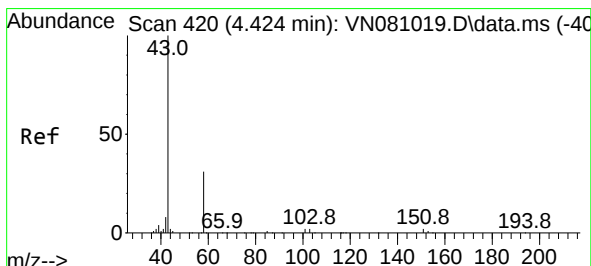
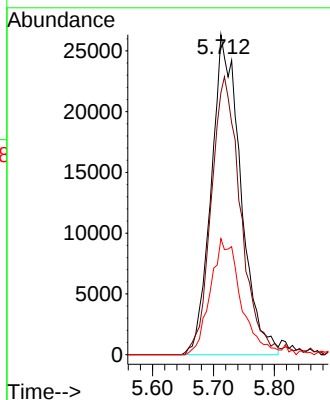
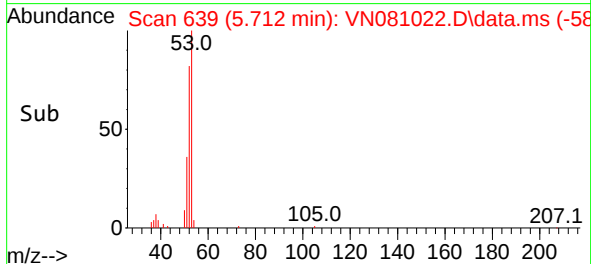
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



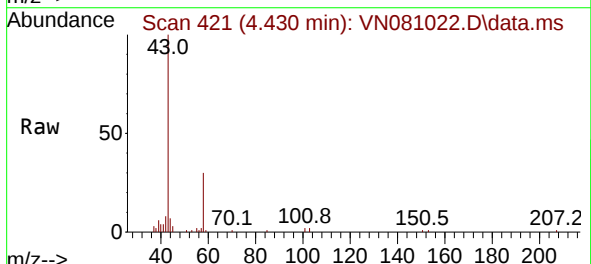
Tgt Ion: 53 Resp: 88474
Ion Ratio Lower Upper
53 100
52 86.7 64.8 97.2
51 37.6 26.9 40.3

Manual Integrations
APPROVED

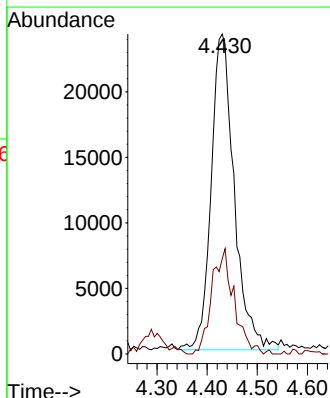
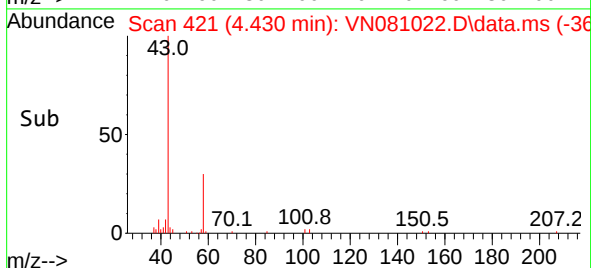
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

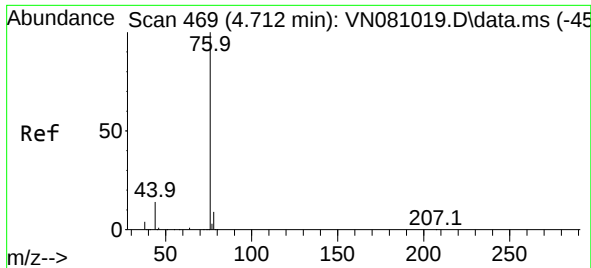


#16
Acetone
Concen: 25.377 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



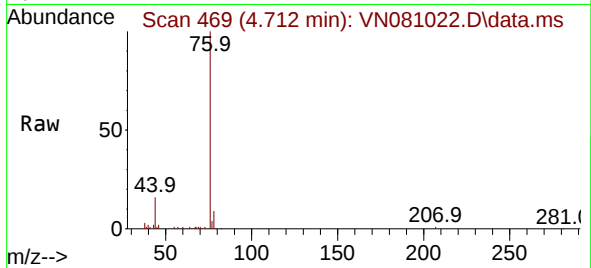
Tgt Ion: 43 Resp: 77405
Ion Ratio Lower Upper
43 100
58 30.1 24.8 37.2





#17
Carbon Disulfide
Concen: 5.010 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

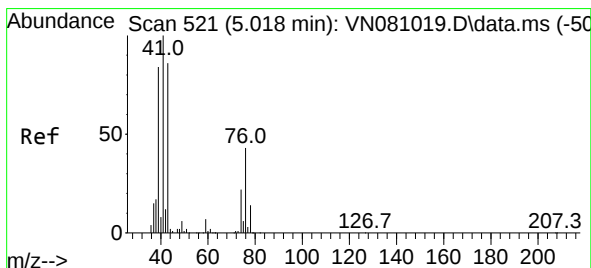
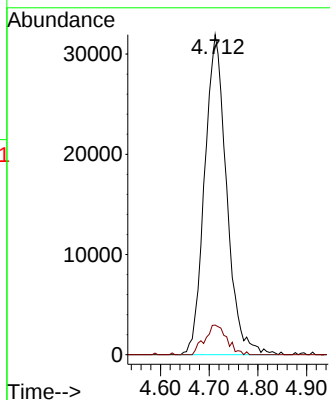
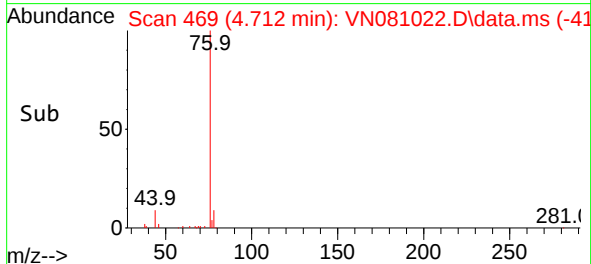
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



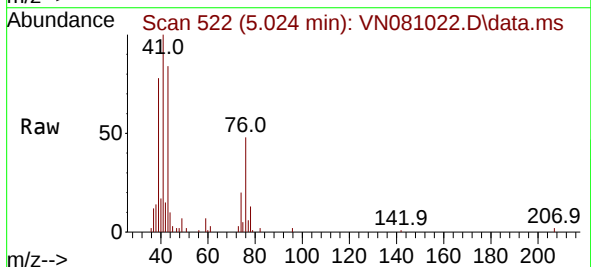
Tgt Ion: 76 Resp: 100215
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5

Manual Integrations
APPROVED

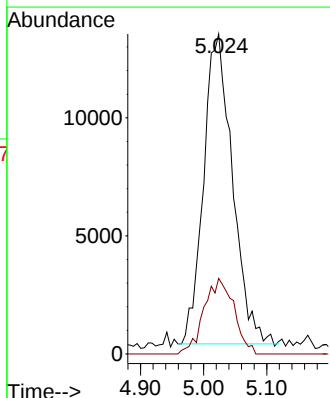
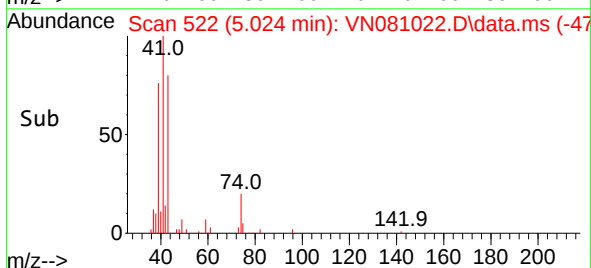
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

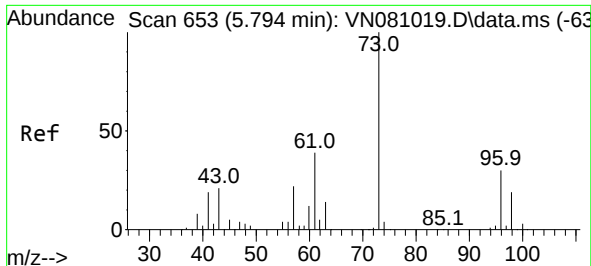


#18
Methyl Acetate
Concen: 5.200 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



Tgt Ion: 43 Resp: 41775
Ion Ratio Lower Upper
43 100
74 25.2 17.3 25.9





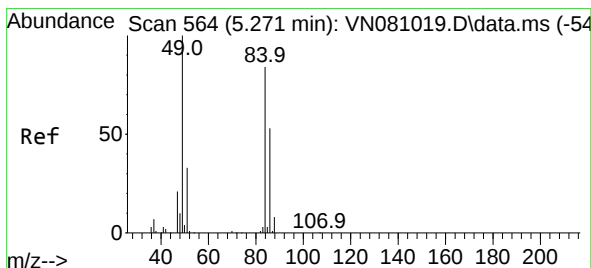
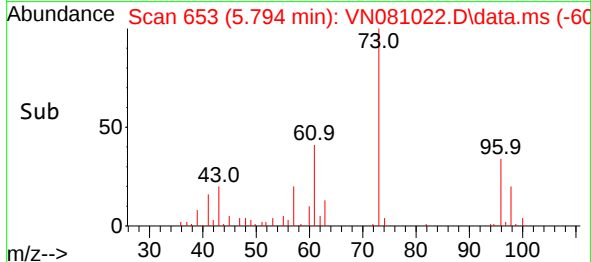
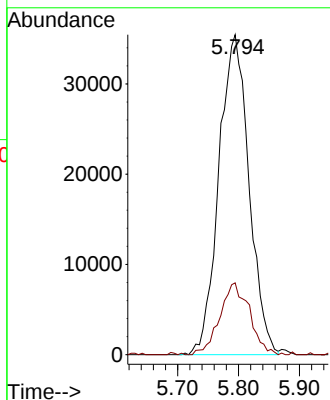
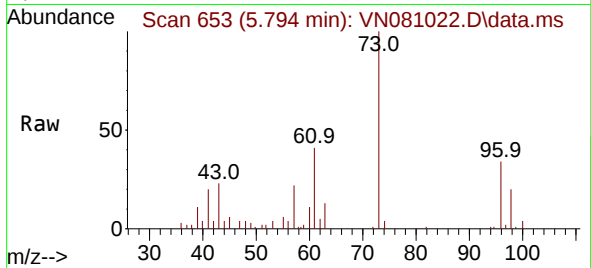
#19
Methyl tert-butyl Ether
Concen: 5.063 ug/l
RT: 5.794 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 121962
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4

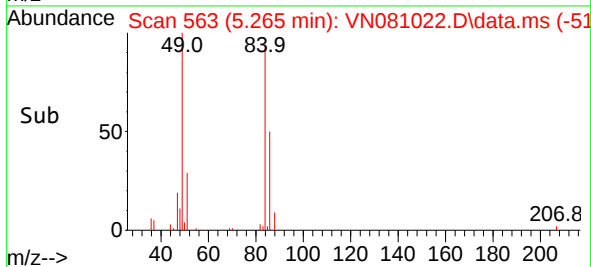
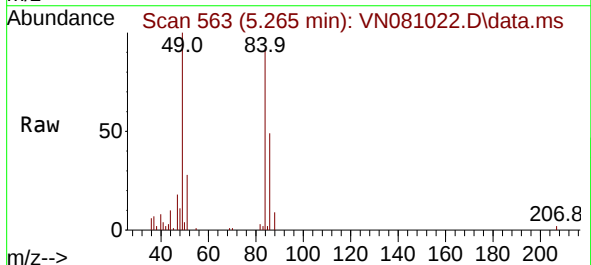
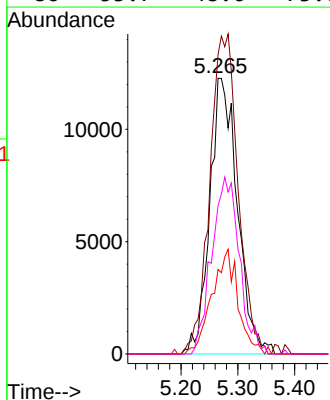
Manual Integrations
APPROVED

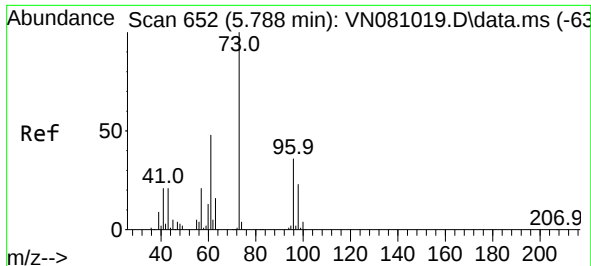
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#20
Methylene Chloride
Concen: 5.217 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

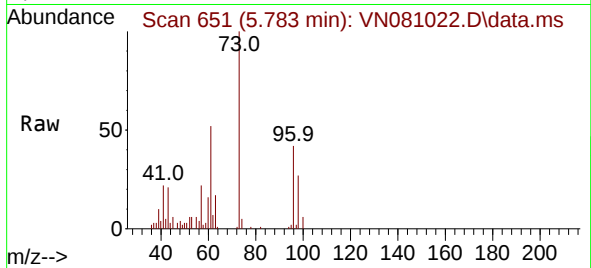
Tgt Ion: 84 Resp: 41450
Ion Ratio Lower Upper
84 100
49 108.6 108.1 162.1
51 30.7 32.9 49.3#
86 53.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 5.286 ug/l
RT: 5.783 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

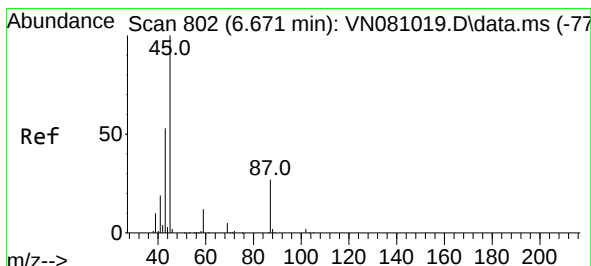
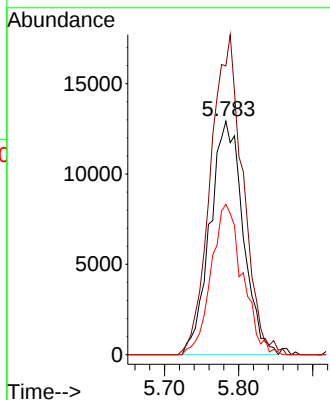
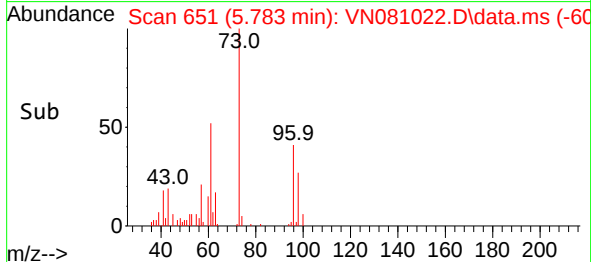
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 4012
Ion Ratio Lower Upper
96 100
61 123.7 112.8 169.2
98 64.4 51.0 76.4

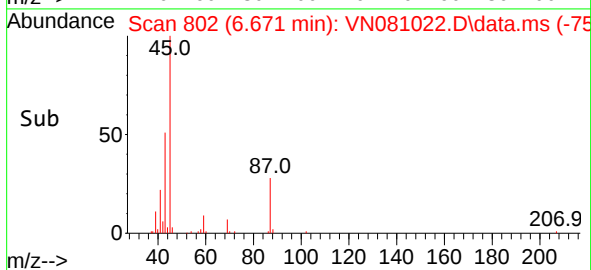
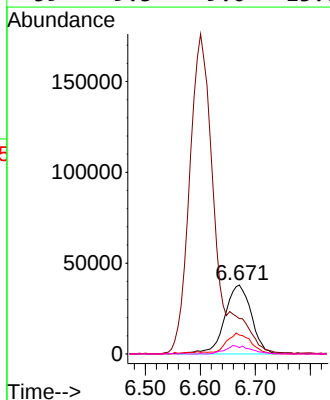
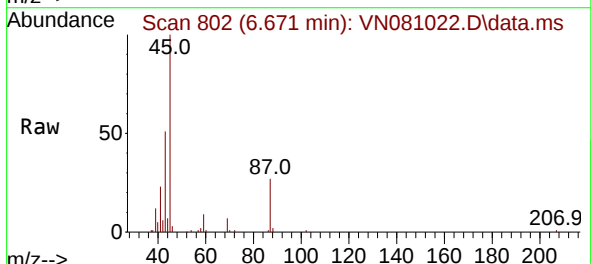
Manual Integrations
APPROVED

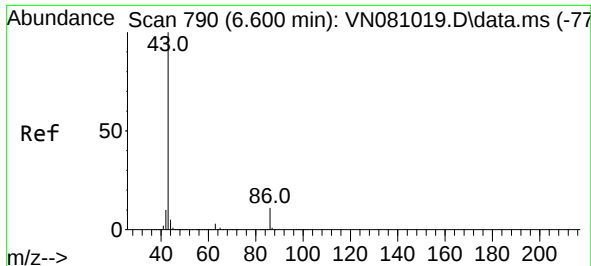
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#22
Diisopropyl ether
Concen: 5.204 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

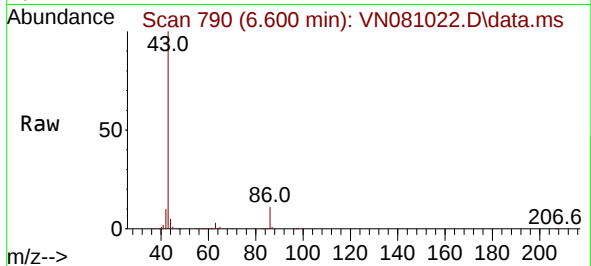
Tgt Ion: 45 Resp: 127972
Ion Ratio Lower Upper
45 100
43 49.2 41.8 62.8
87 26.6 18.1 27.1
59 9.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 25.477 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081022.D
 Acq: 14 Feb 2024 13:25

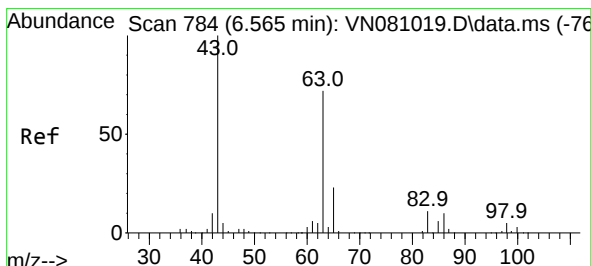
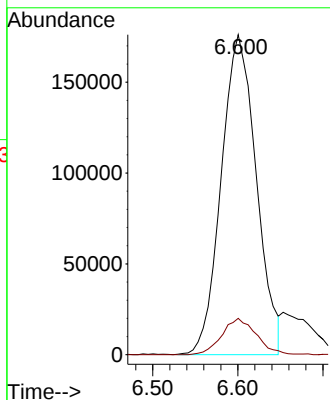
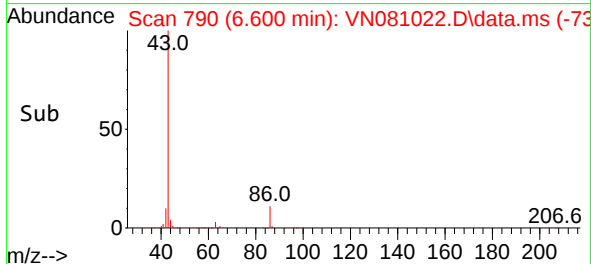
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 50489
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7

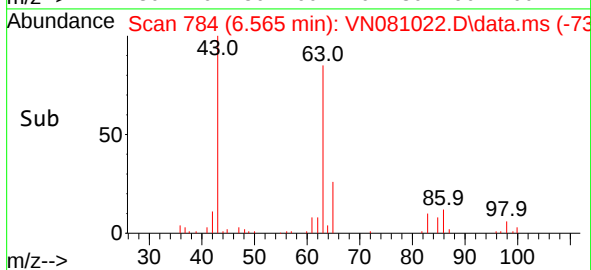
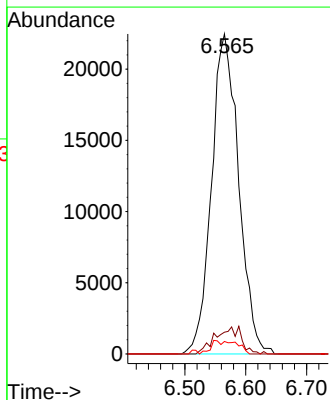
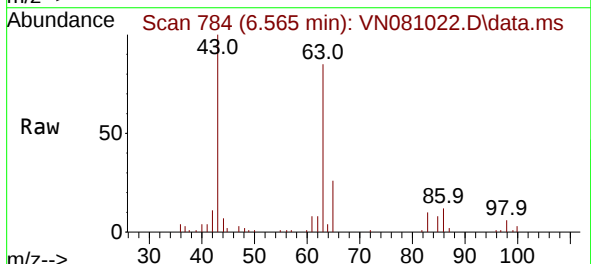
Manual Integrations
 APPROVED

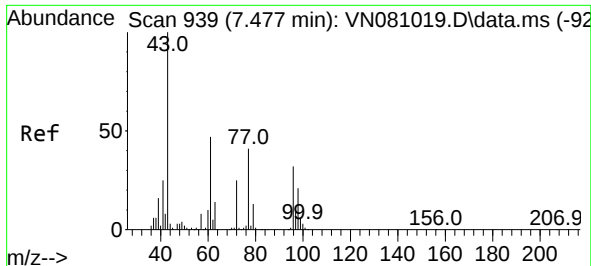
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#24
 1,1-Dichloroethane
 Concen: 5.072 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081022.D
 Acq: 14 Feb 2024 13:25

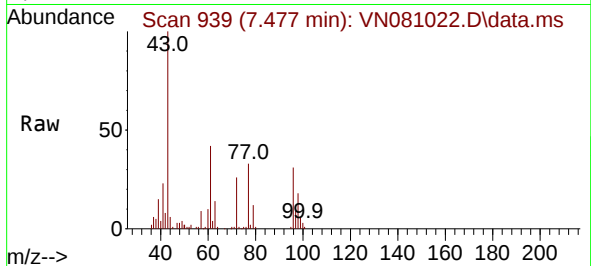
Tgt Ion: 63 Resp: 69553
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.9 8.6
 100 3.9 1.9 5.7





#25
2-Butanone
Concen: 25.297 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

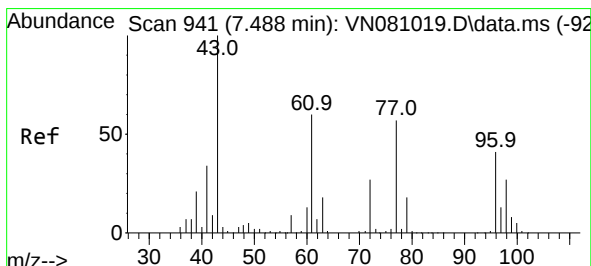
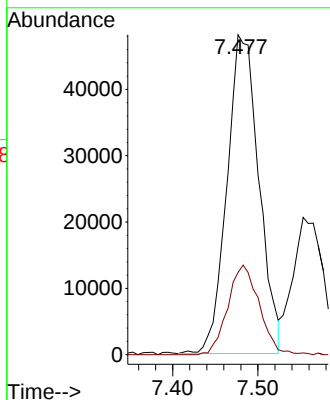
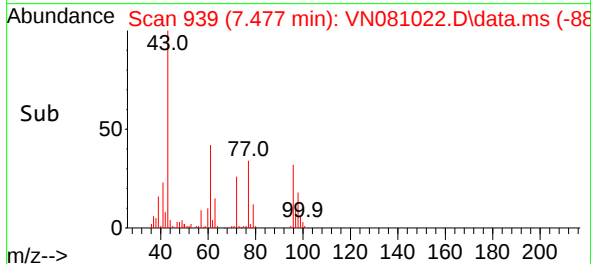
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 125269
Ion Ratio Lower Upper
43 100
72 25.8 19.5 29.3

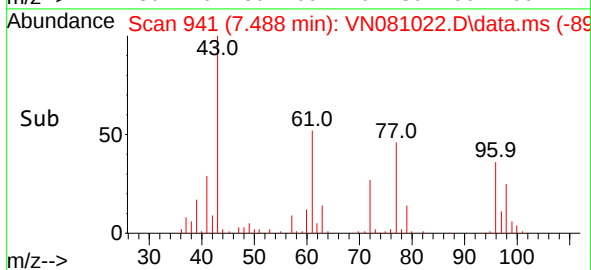
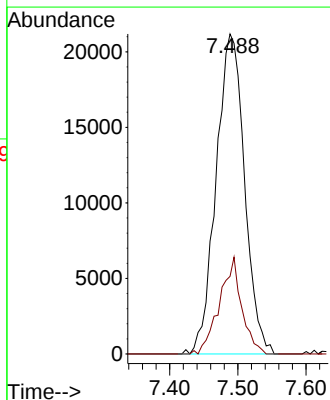
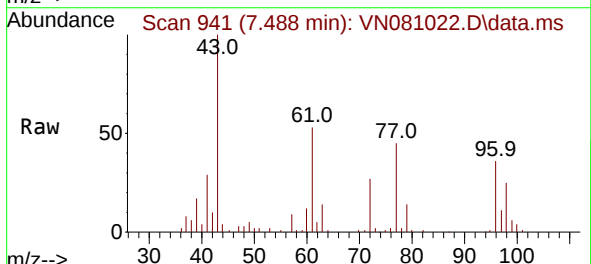
Manual Integrations
APPROVED

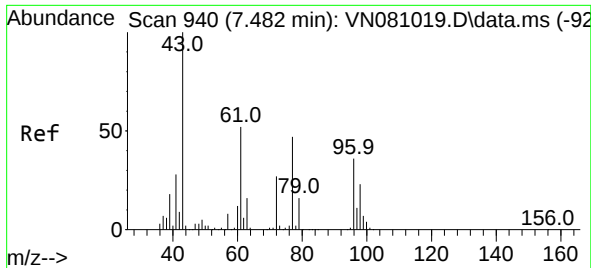
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#26
2,2-Dichloropropane
Concen: 4.869 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

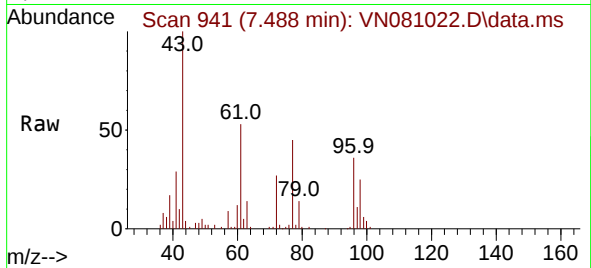
Tgt Ion: 77 Resp: 61455
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 4.972 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081022.D
 Acq: 14 Feb 2024 13:25

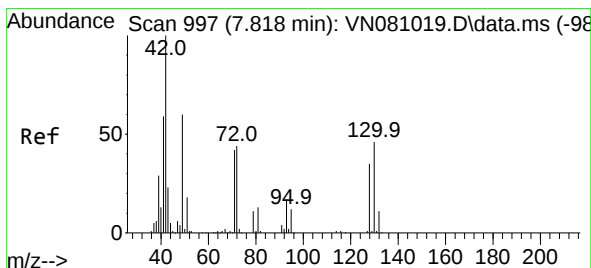
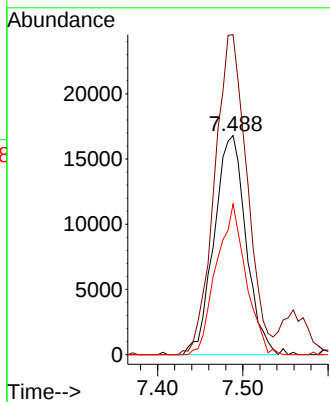
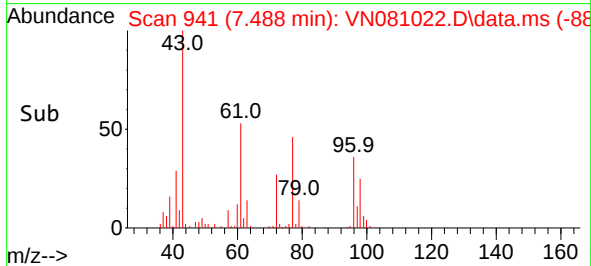
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 43614
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 325.4
 98 63.8 0.0 130.4

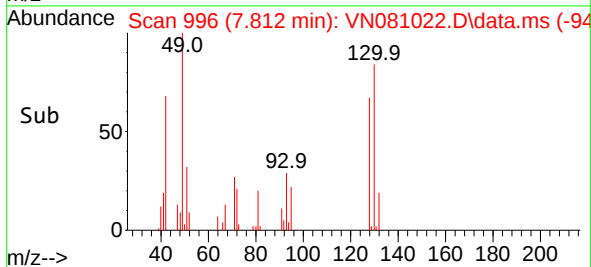
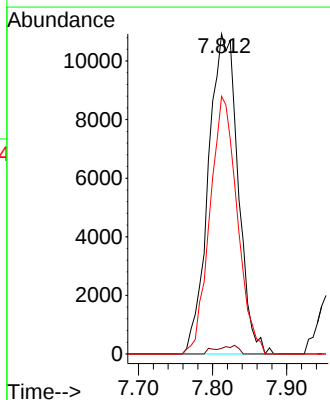
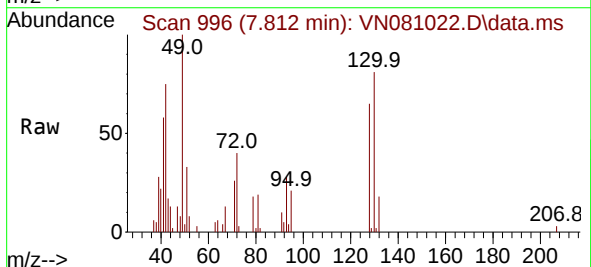
Manual Integrations
 APPROVED

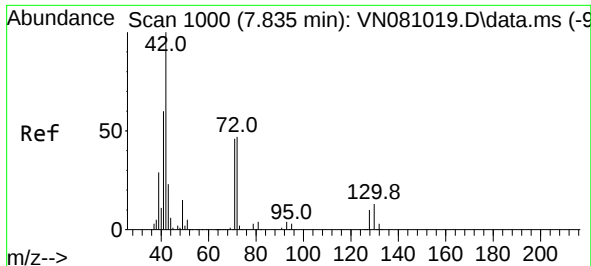
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#28
 Bromochloromethane
 Concen: 5.471 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081022.D
 Acq: 14 Feb 2024 13:25

Tgt Ion: 49 Resp: 30290
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 1.6#
 130 74.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 26.903 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

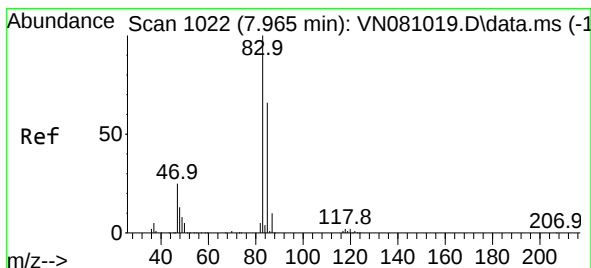
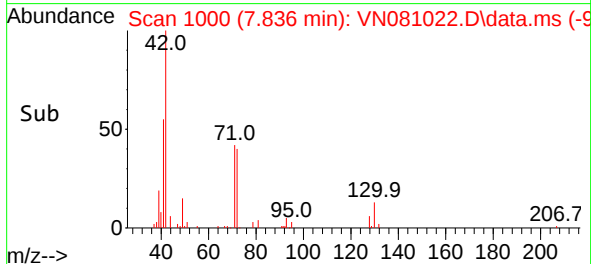
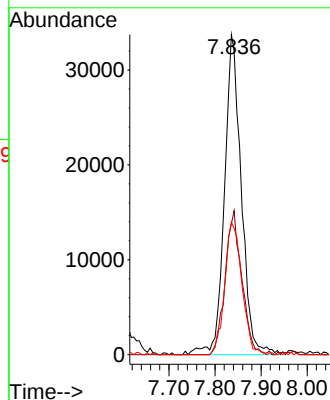
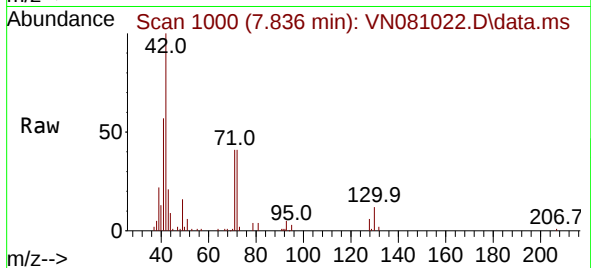
Tgt Ion:	42	Resp:	85618
Ion Ratio	Lower	Upper	
42	100		
72	44.5	31.1	46.7
71	42.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#30

Chloroform

Concen: 5.262 ug/l

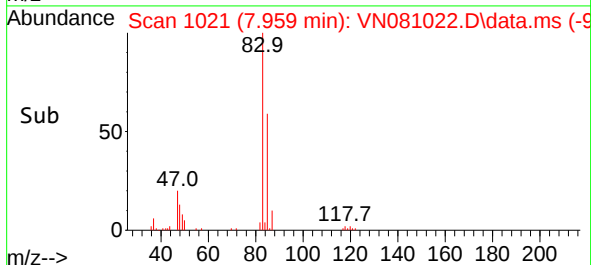
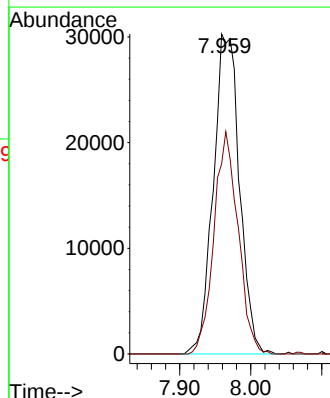
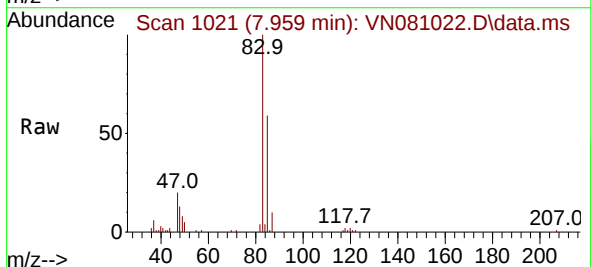
RT: 7.959 min Scan# 1021

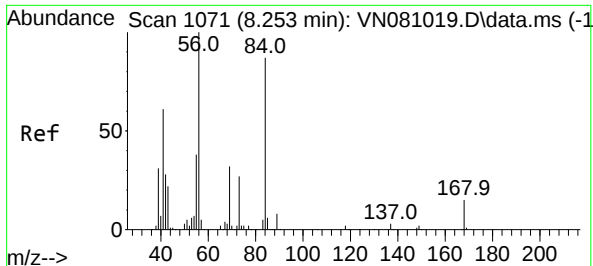
Delta R.T. -0.006 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

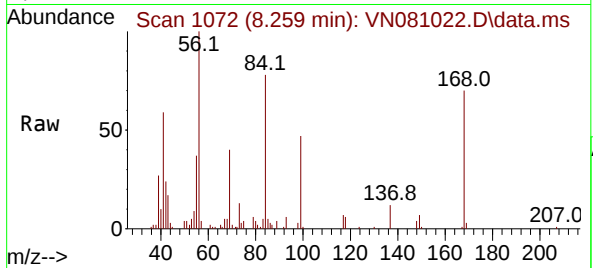
Tgt Ion:	83	Resp:	77450
Ion Ratio	Lower	Upper	
83	100		
85	59.4	51.0	76.6





#31
Cyclohexane
Concen: 5.758 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

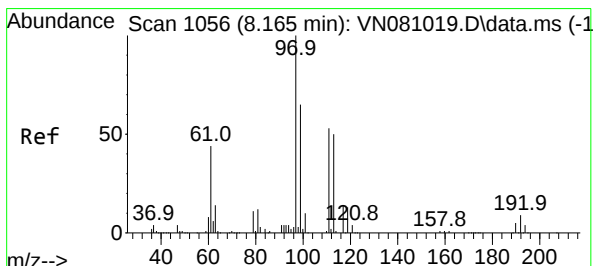
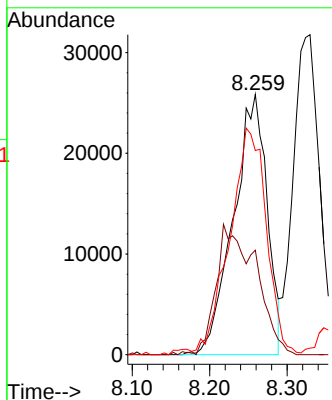
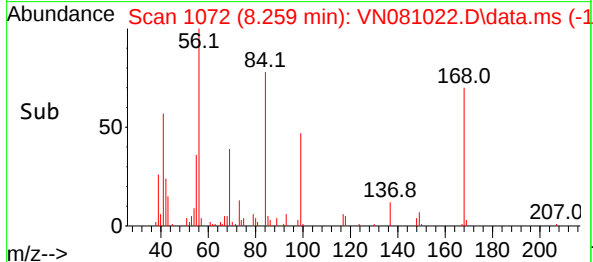
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



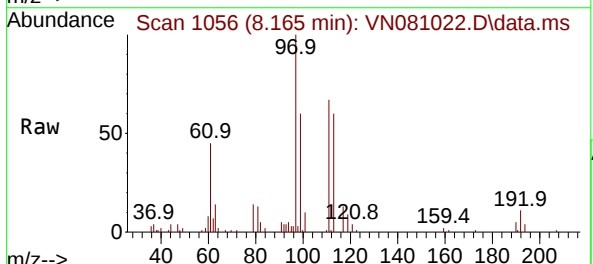
Tgt Ion: 56 Resp: 7794
Ion Ratio Lower Upper
56 100
69 40.1 20.1 30.1
84 76.8 56.9 85.3

Manual Integrations
APPROVED

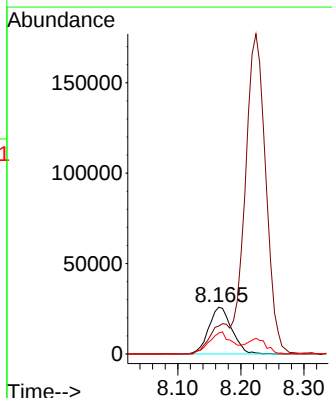
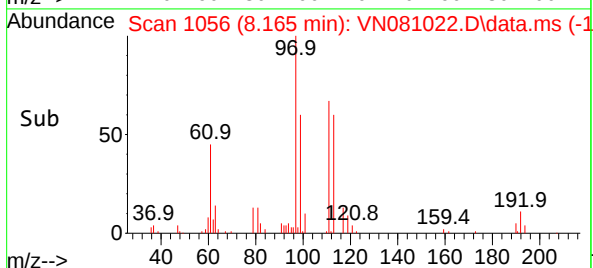
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

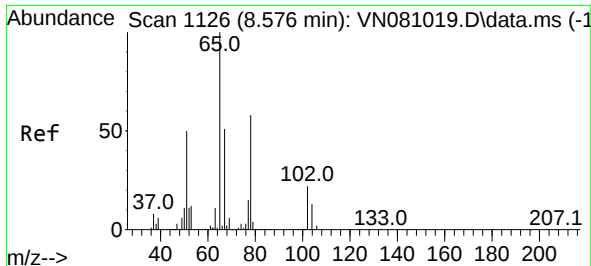


#32
1,1,1-Trichloroethane
Concen: 5.045 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



Tgt Ion: 97 Resp: 65563
Ion Ratio Lower Upper
97 100
99 56.6 53.4 80.0
61 46.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 5.893 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 4591

Ion Ratio Lower Upper

65 100

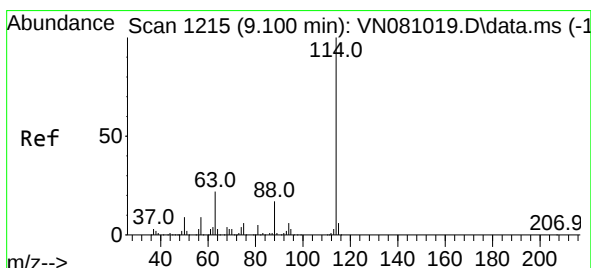
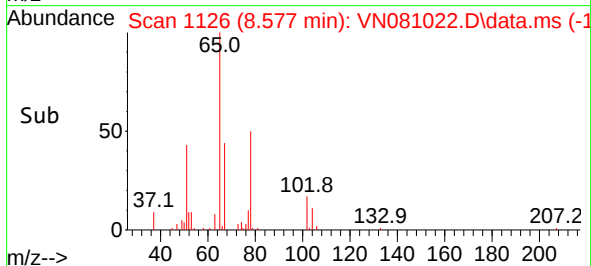
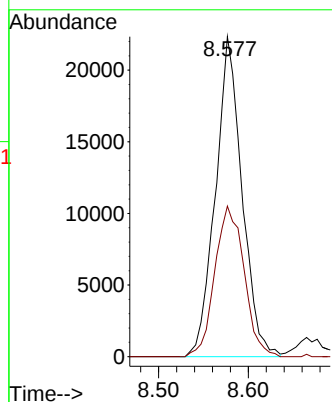
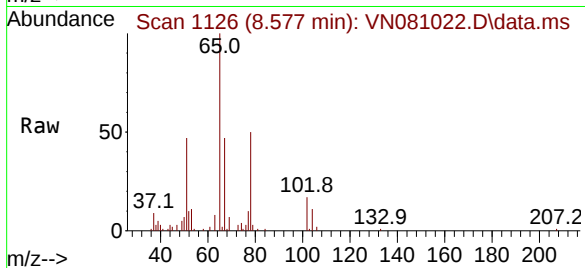
67 51.7 0.0 102.4

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: VN081022.D

Acq: 14 Feb 2024 13:25

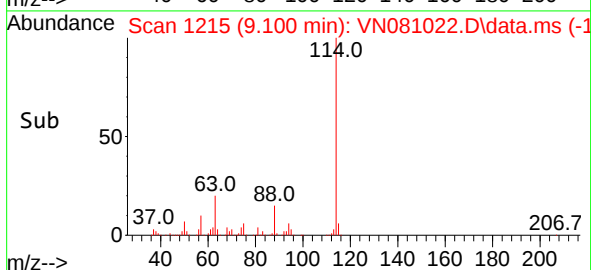
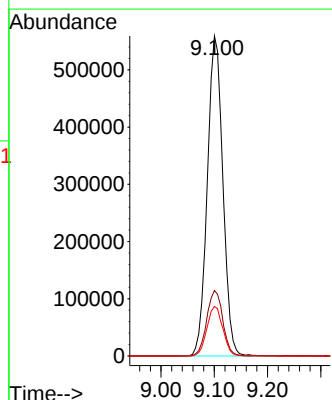
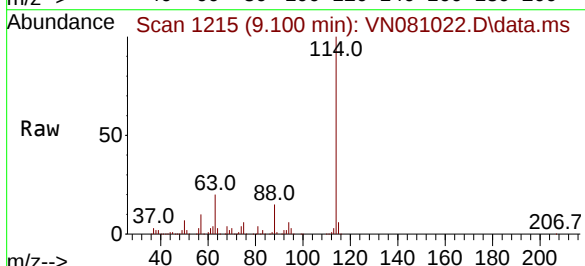
Tgt Ion:114 Resp: 1132781

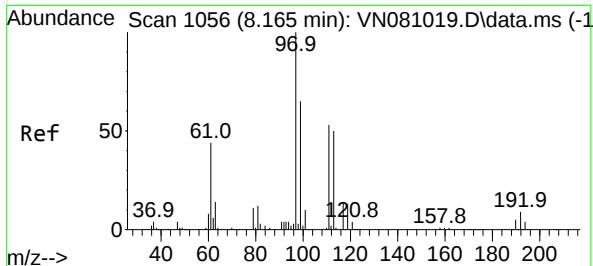
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 5.642 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

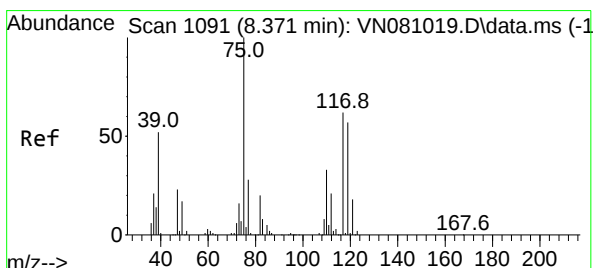
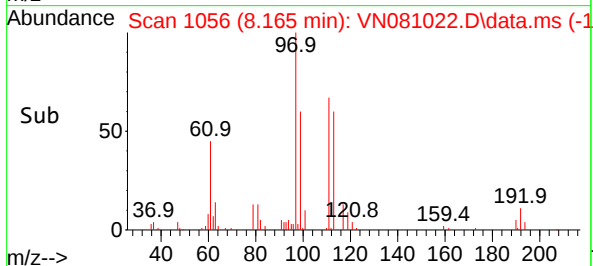
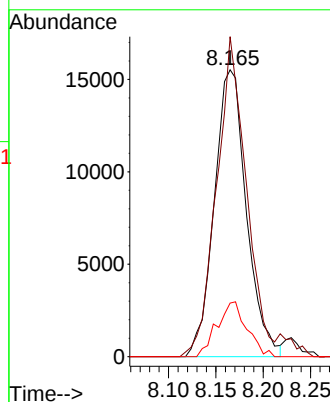
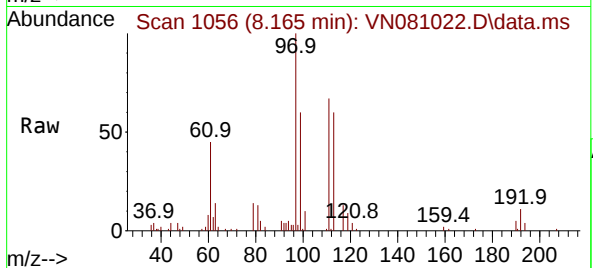
Tgt Ion:	113	Resp:	3664
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.2	123.4
192	17.8	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#36

1,1-Dichloropropene

Concen: 5.065 ug/l

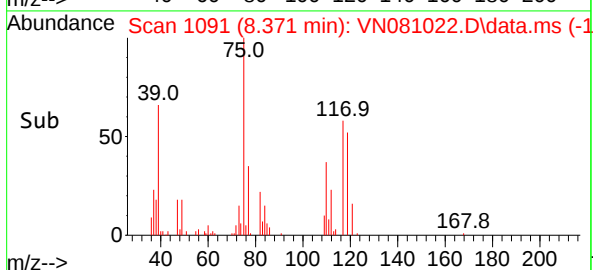
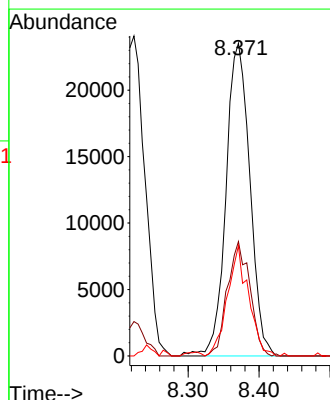
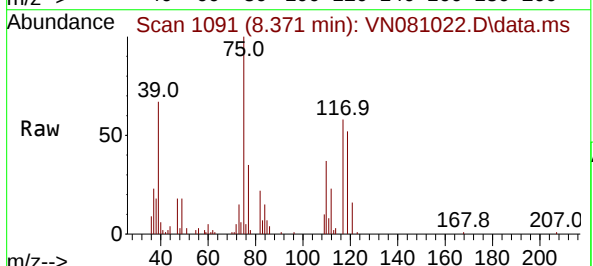
RT: 8.371 min Scan# 1091

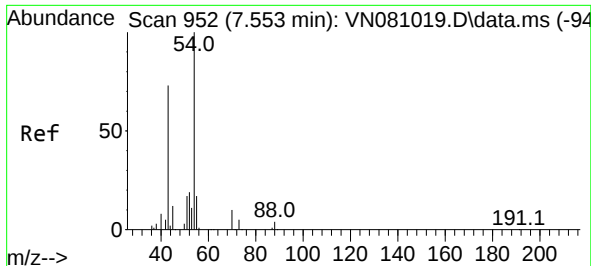
Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion:	75	Resp:	54885
Ion Ratio	Lower	Upper	
75	100		
110	34.7	16.0	48.0
77	31.2	25.8	38.6





#37

Ethyl Acetate

Concen: 4.998 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

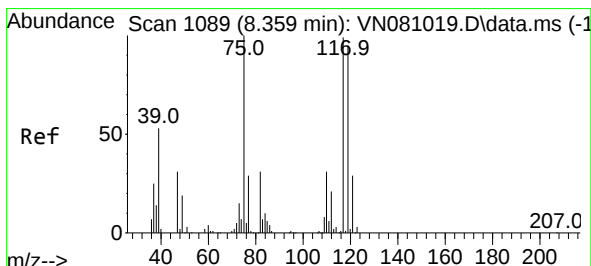
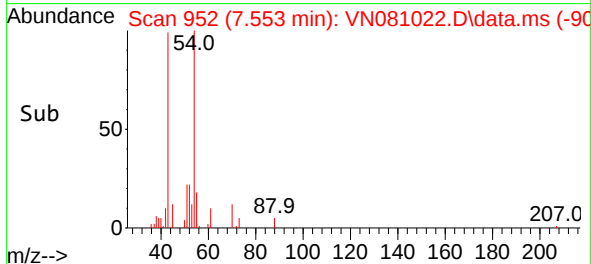
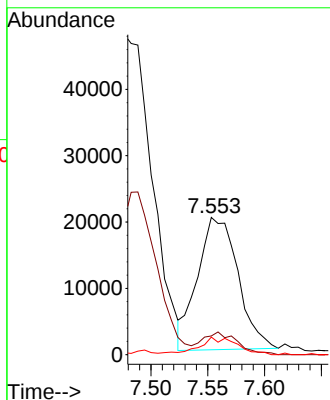
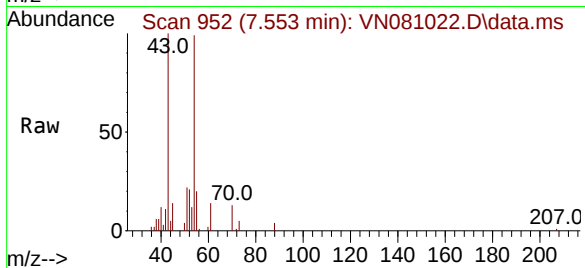
Tgt Ion:	43	Resp:	49540
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.6	15.8
70	12.5	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#38

Carbon Tetrachloride

Concen: 4.915 ug/l

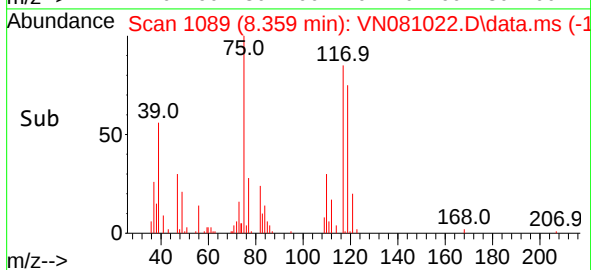
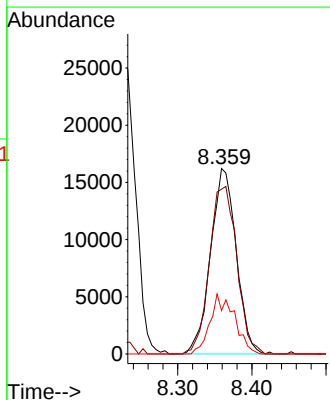
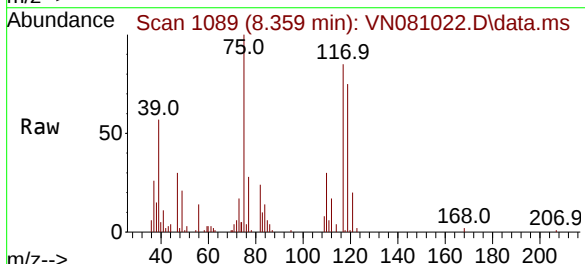
RT: 8.359 min Scan# 1089

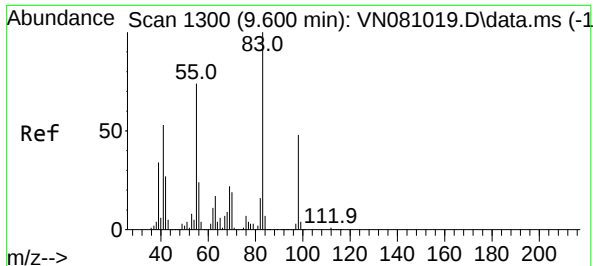
Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion:	117	Resp:	38983
Ion	Ratio	Lower	Upper
117	100		
119	88.9	73.4	110.2
121	23.4	24.4	36.6





#39

Methylcyclohexane

Concen: 4.872 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

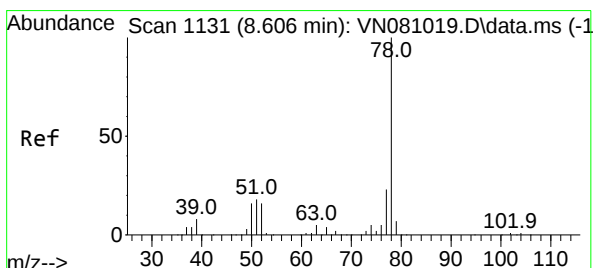
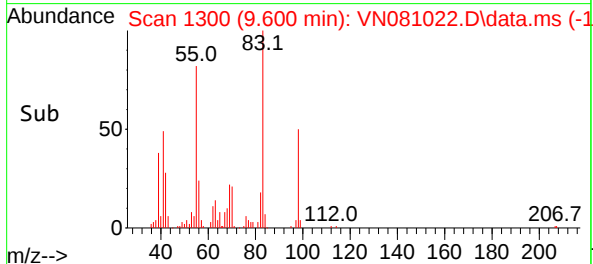
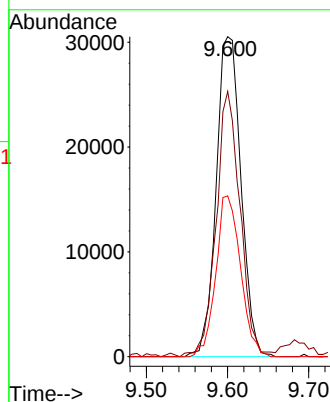
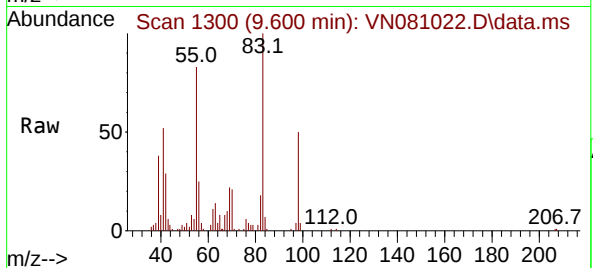
Tgt Ion: 83 Resp: 6495
 Ion Ratio Lower Upper
 83 100
 55 82.9 65.7 98.5
 98 50.2 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#40

Benzene

Concen: 5.122 ug/l

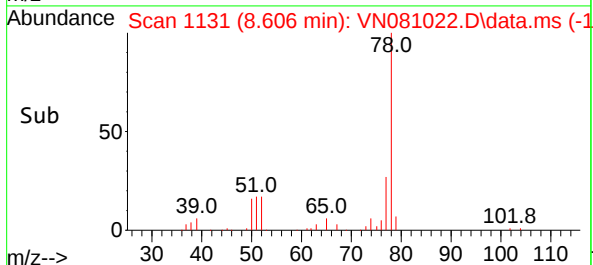
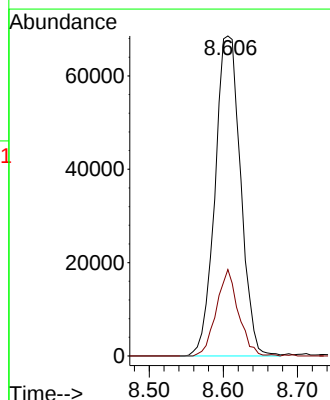
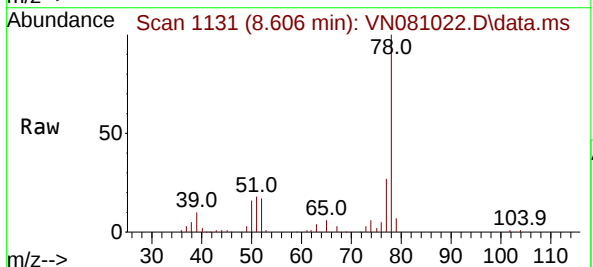
RT: 8.606 min Scan# 1131

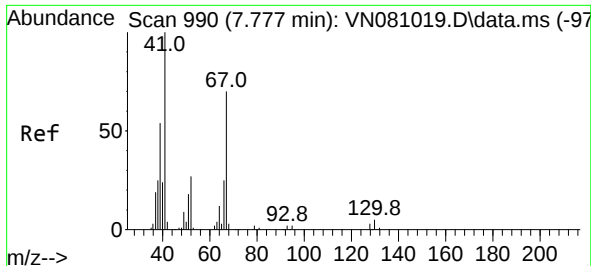
Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion: 78 Resp: 164123
 Ion Ratio Lower Upper
 78 100
 77 27.0 20.4 30.6





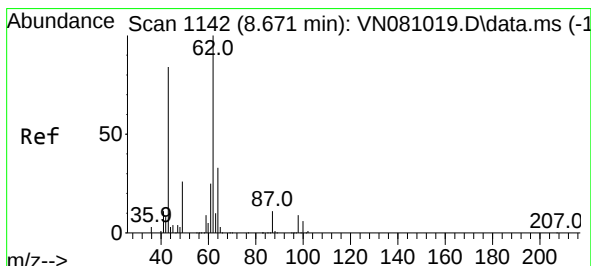
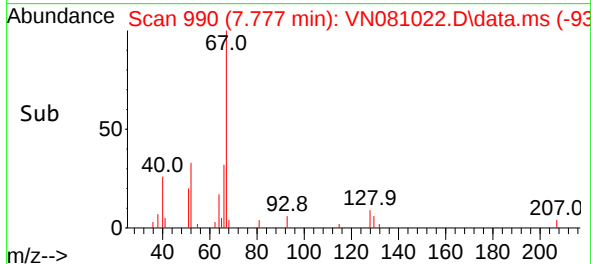
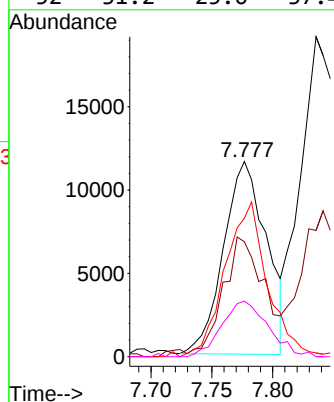
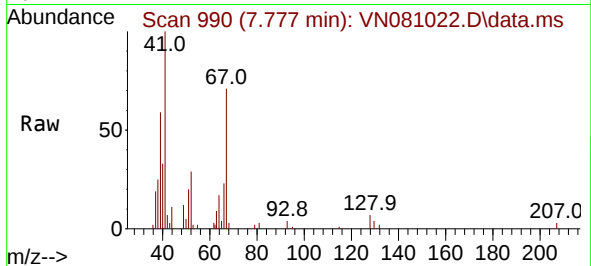
#41
Methacrylonitrile
Concen: 4.715 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 41	Resp: 2837
Ion Ratio	Lower Upper
41 100	
39 59.3	48.4 72.6
67 79.5	56.8 85.2
52 31.2	25.0 37.4

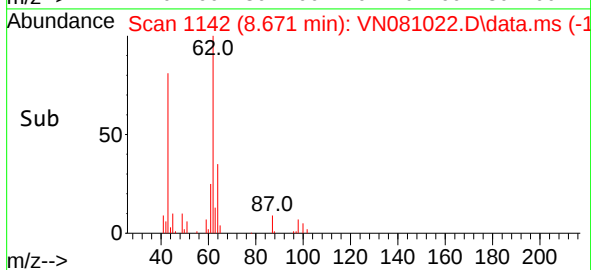
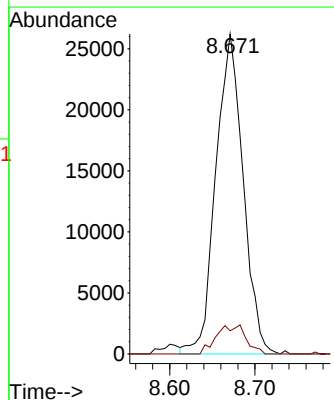
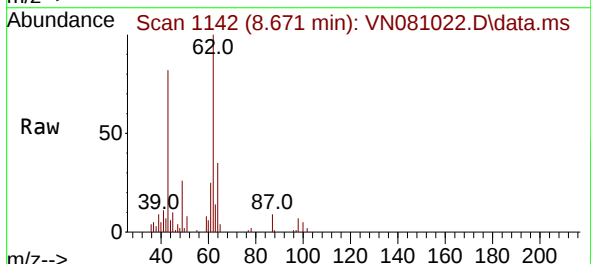
Manual Integrations
APPROVED

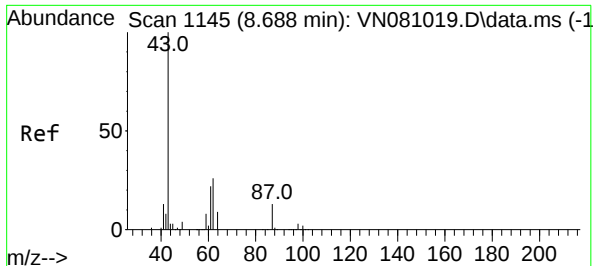
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#42
1,2-Dichloroethane
Concen: 5.122 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Tgt Ion: 62	Resp: 58258
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 18.0





#43

Isopropyl Acetate

Concen: 5.084 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

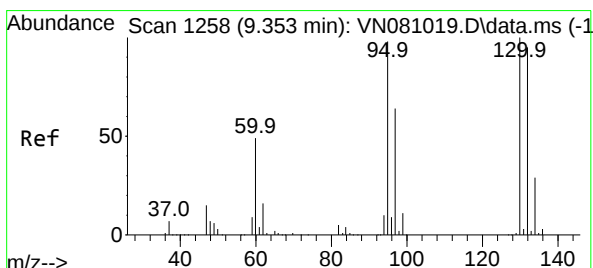
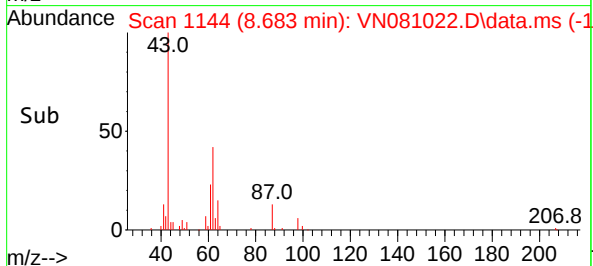
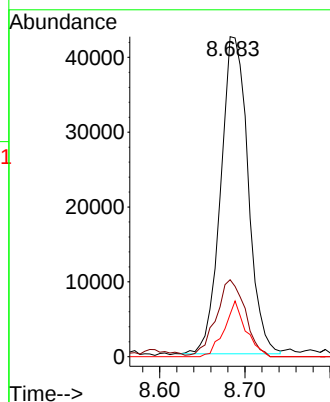
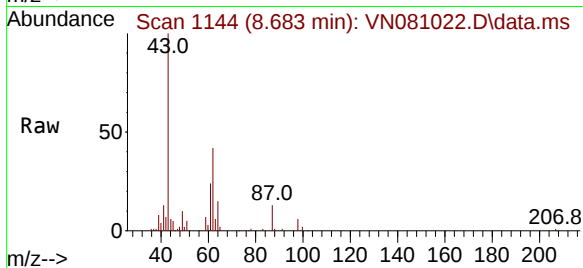
Tgt Ion: 43	Resp: 9442
Ion Ratio	Lower Upper
43 100	
61 25.9	19.9 29.9
87 13.8	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#44

Trichloroethene

Concen: 5.050 ug/l

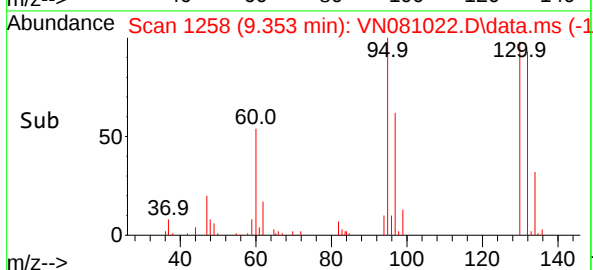
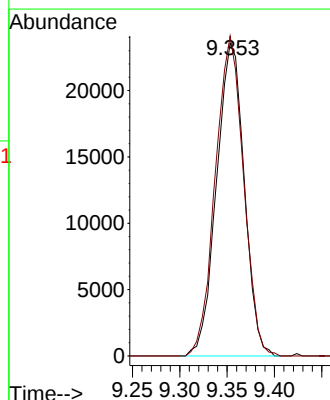
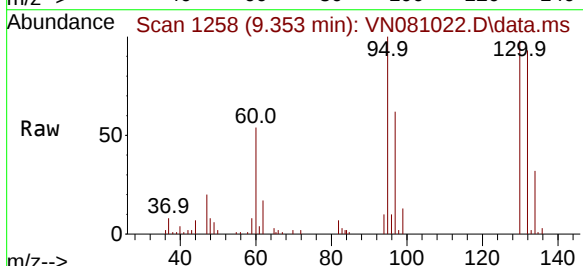
RT: 9.353 min Scan# 1258

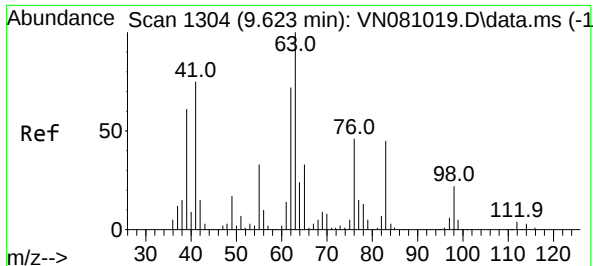
Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion:130	Resp: 47932
Ion Ratio	Lower Upper
130 100	
95 102.2	0.0 210.4





#45

1,2-Dichloropropane

Concen: 5.096 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 4039

Ion Ratio Lower Upper

63 100

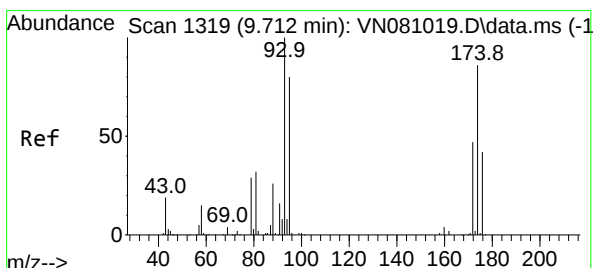
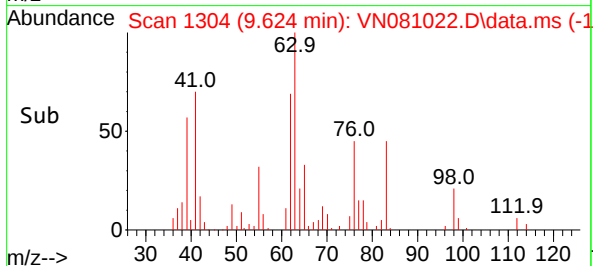
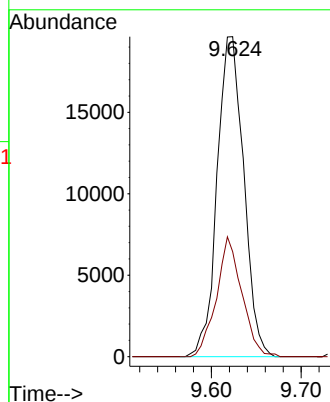
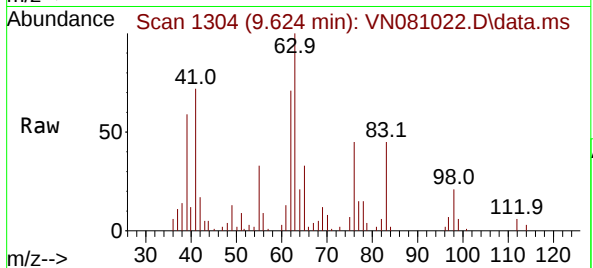
65 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#46

Dibromomethane

Concen: 5.029 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

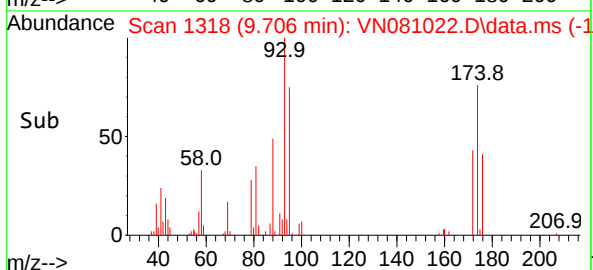
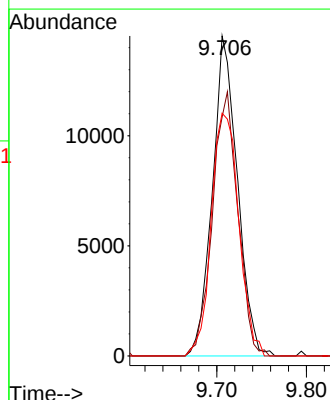
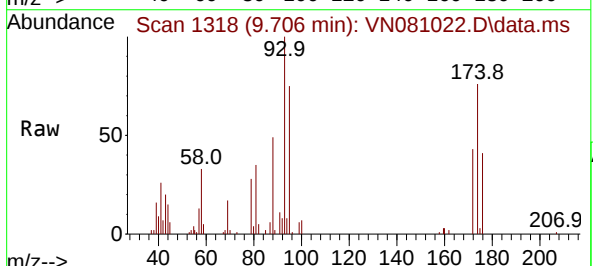
Tgt Ion: 93 Resp: 28142

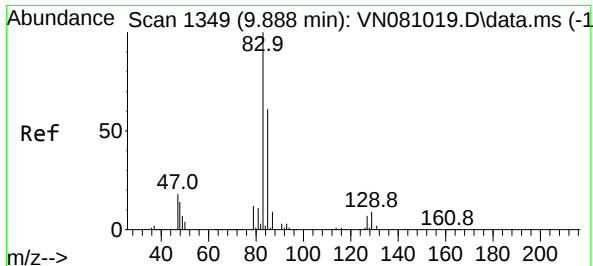
Ion Ratio Lower Upper

93 100

95 83.8 68.1 102.1

174 83.8 57.2 85.8





#47

Bromodichloromethane

Concen: 5.000 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

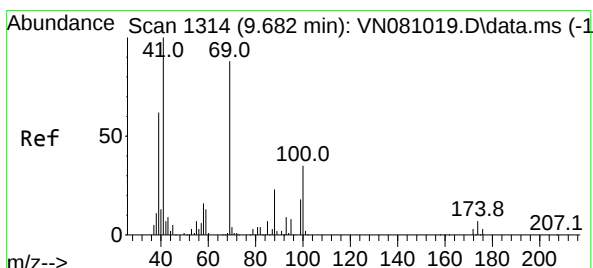
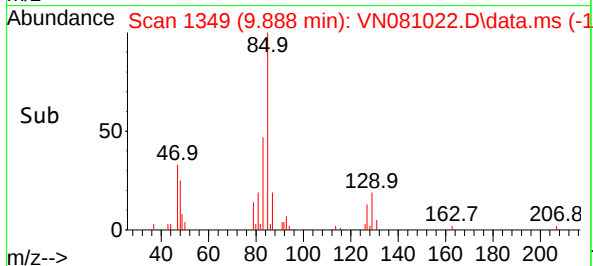
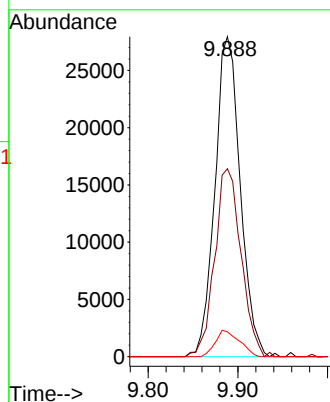
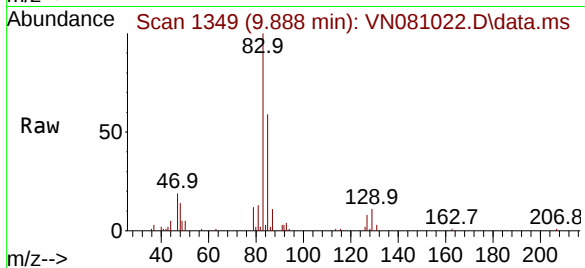
Tgt Ion:	83	Resp:	5483
Ion Ratio	Lower	Upper	
83	100		
85	58.8	52.3	78.5
127	7.8	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#48

Methyl methacrylate

Concen: 4.775 ug/l

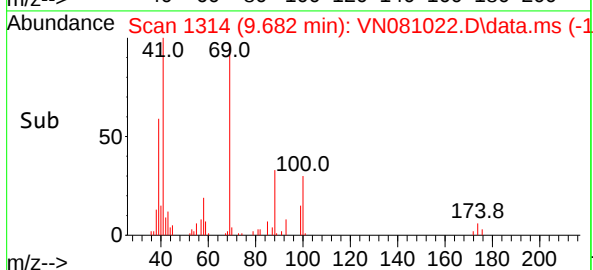
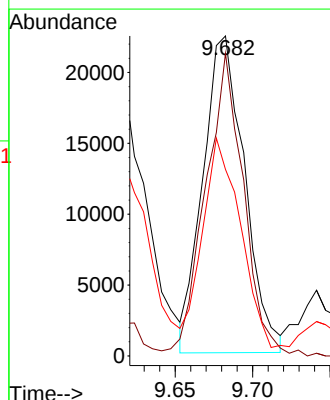
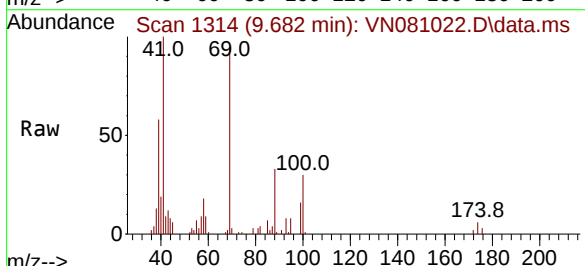
RT: 9.682 min Scan# 1314

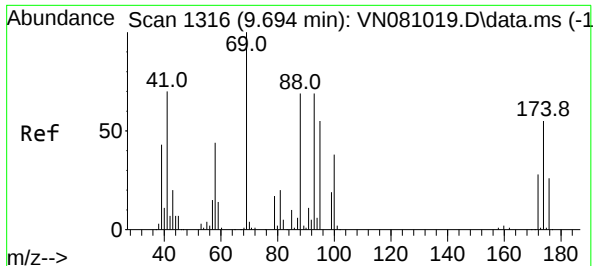
Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion:	41	Resp:	41749
Ion Ratio	Lower	Upper	
41	100		
69	87.6	62.2	93.2
39	64.4	47.6	71.4





#49

1,4-Dioxane

Concen: 87.997 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

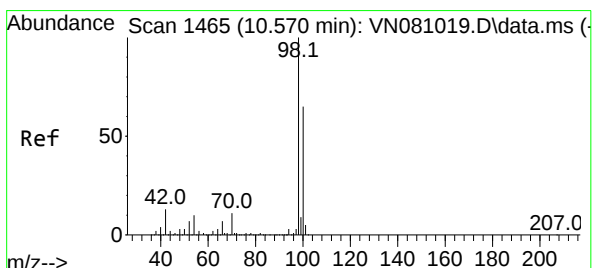
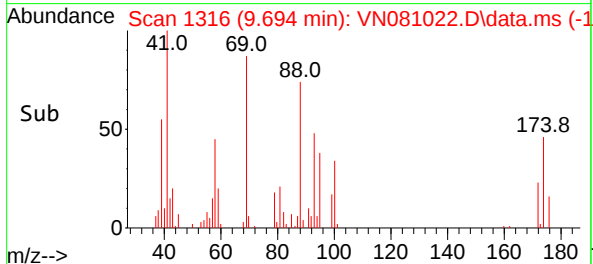
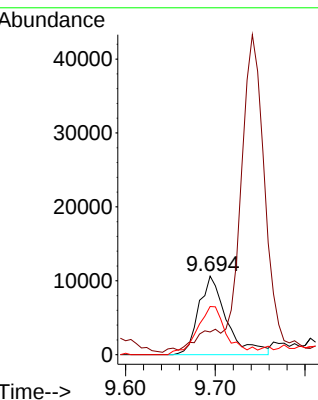
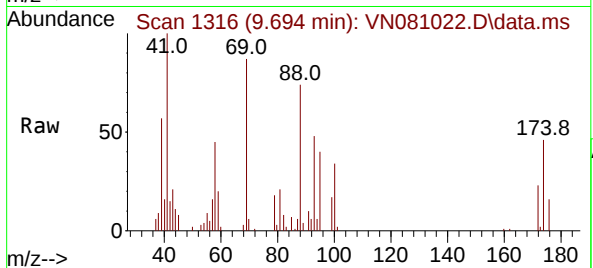
Tgt Ion: 88 Resp: 22993
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.1 45.1
 58 62.7 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#50

Toluene-d8

Concen: 5.788 ug/l

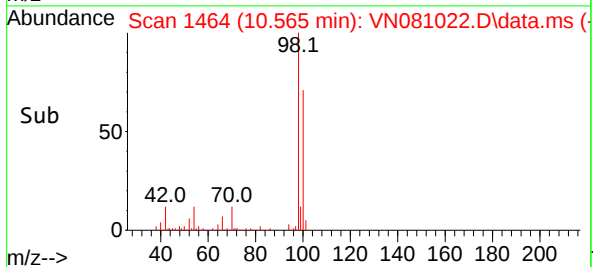
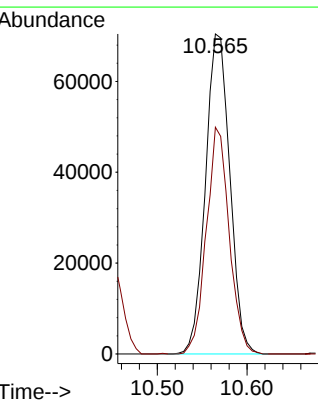
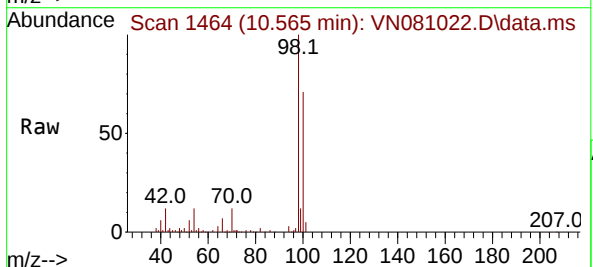
RT: 10.565 min Scan# 1464

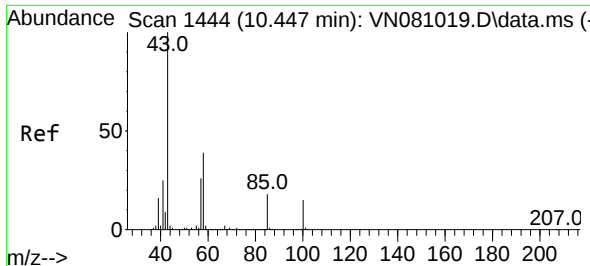
Delta R.T. -0.006 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

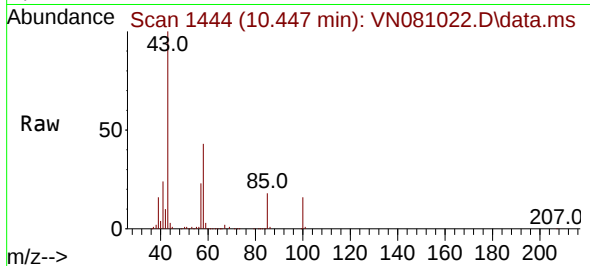
Tgt Ion: 98 Resp: 132572
 Ion Ratio Lower Upper
 98 100
 100 66.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 25.621 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

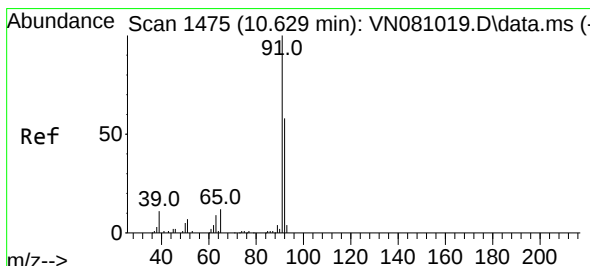
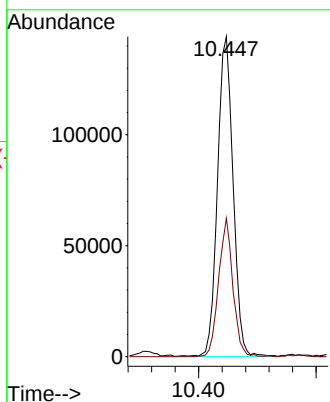
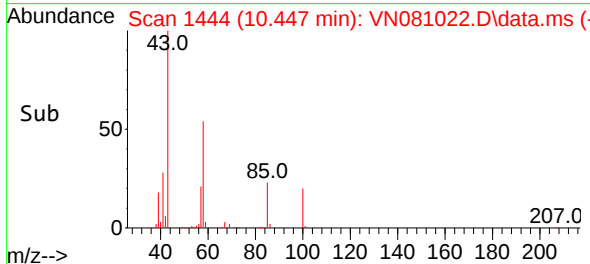
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 265364
Ion Ratio Lower Upper
43 100
58 39.7 29.4 44.0

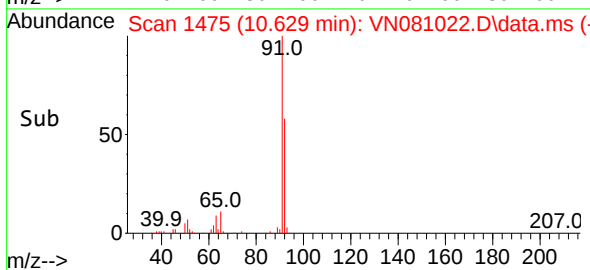
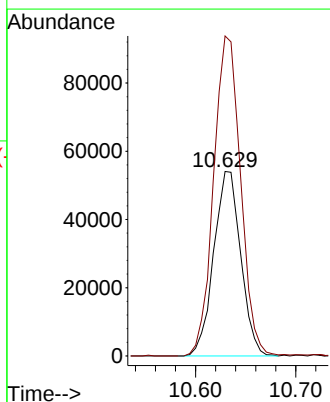
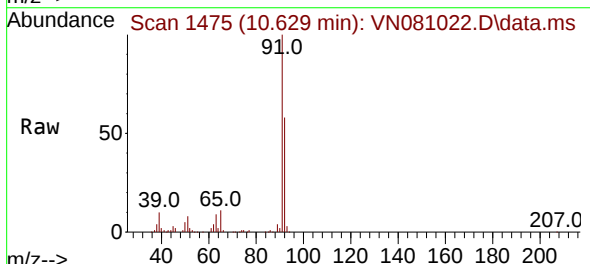
Manual Integrations
APPROVED

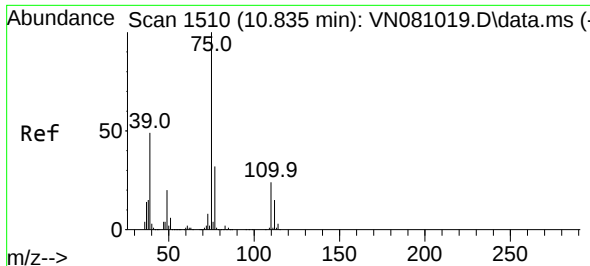
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#52
Toluene
Concen: 5.044 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

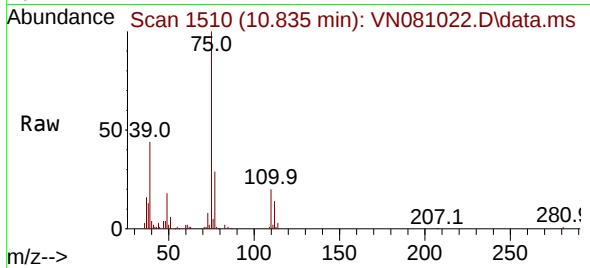
Tgt Ion: 92 Resp: 100972
Ion Ratio Lower Upper
92 100
91 174.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 5.093 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

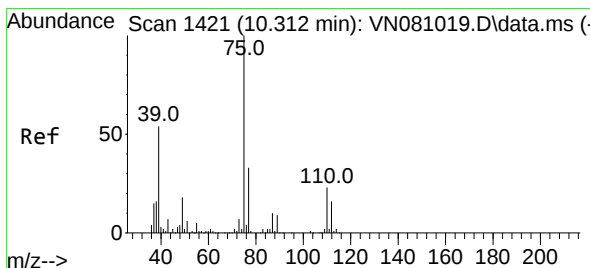
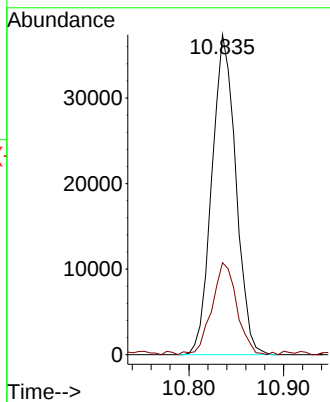
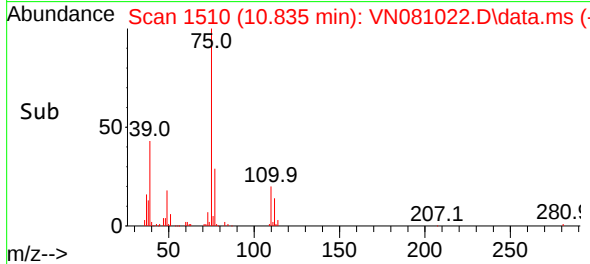
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



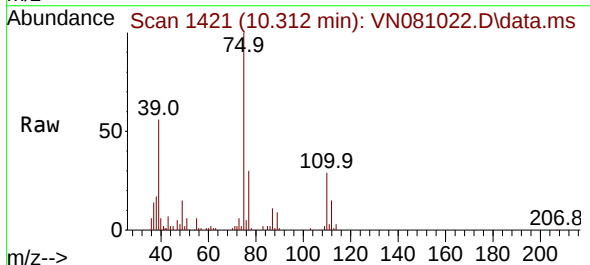
Tgt Ion: 75 Resp: 6580
Ion Ratio Lower Upper
75 100
77 28.7 25.5 38.3

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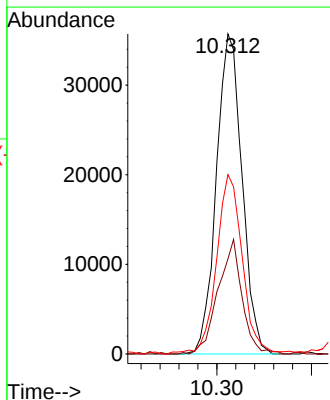
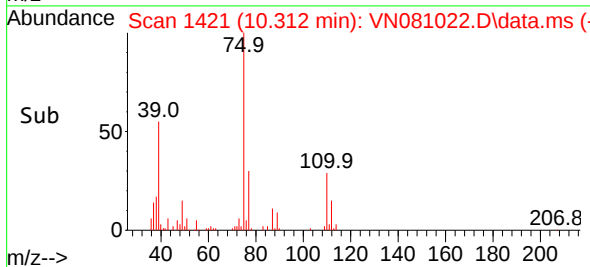
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

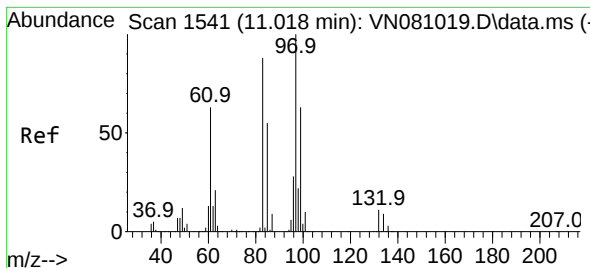


#54
cis-1,3-Dichloropropene
Concen: 4.918 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



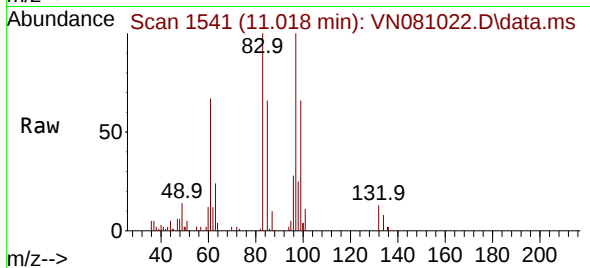
Tgt Ion: 75 Resp: 67194
Ion Ratio Lower Upper
75 100
77 29.7 23.3 34.9
39 55.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 5.009 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

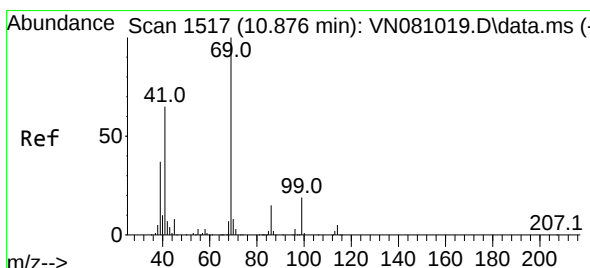
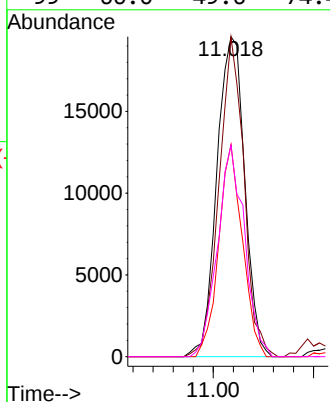
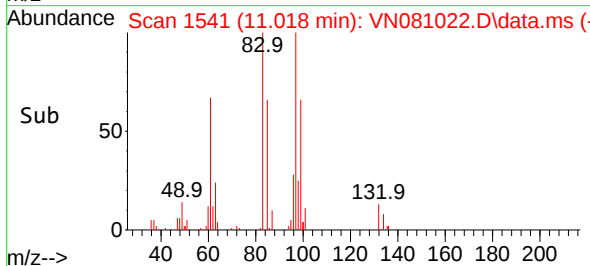
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



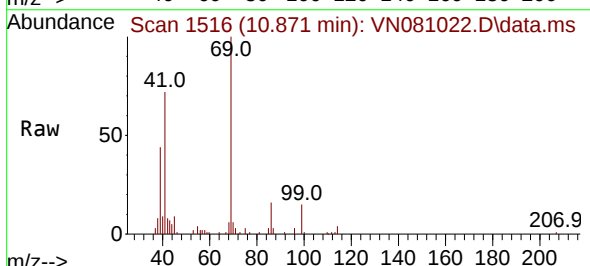
Tgt Ion: 97	Resp: 3770
Ion Ratio	Lower Upper
97 100	
83 99.8	72.9 109.3
85 66.2	50.2 75.2
99 66.0	49.6 74.4

Manual Integrations
APPROVED

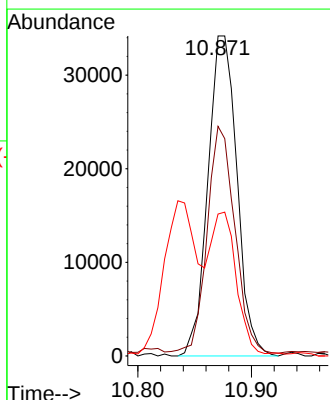
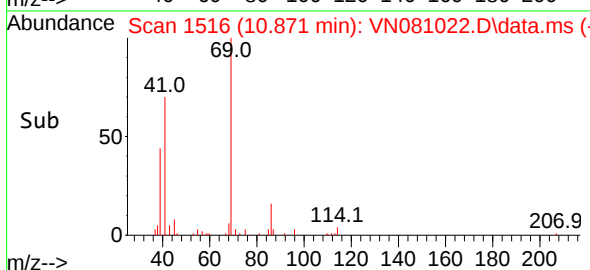
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

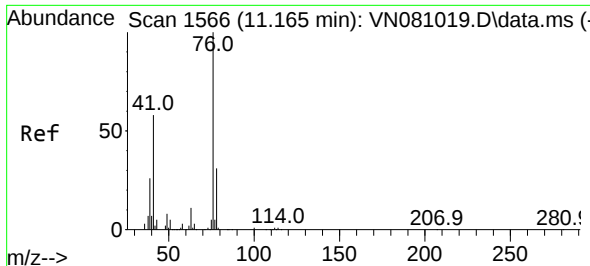


#56
Ethyl methacrylate
Concen: 4.935 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



Tgt Ion: 69	Resp: 60825
Ion Ratio	Lower Upper
69 100	
41 67.4	61.0 91.6
39 38.7	31.8 47.6





#57

1,3-Dichloropropane

Concen: 5.000 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 67244

Ion Ratio Lower Upper

76 100

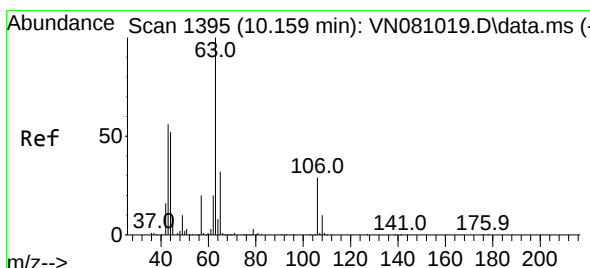
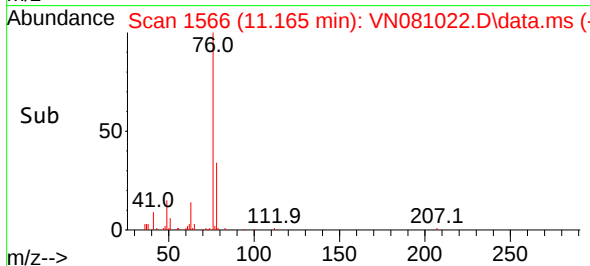
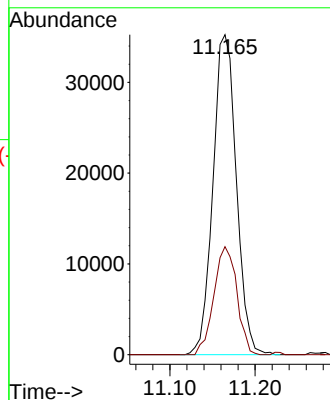
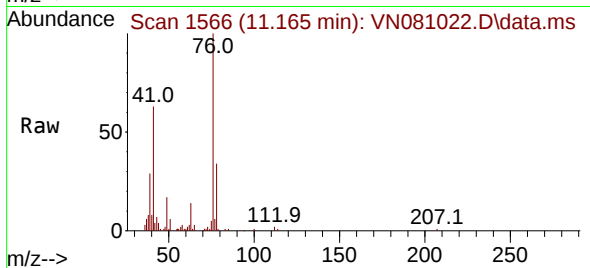
78 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 26.097 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081022.D

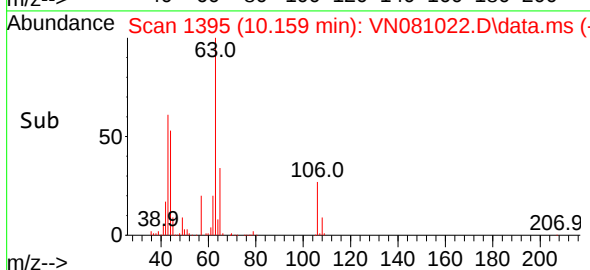
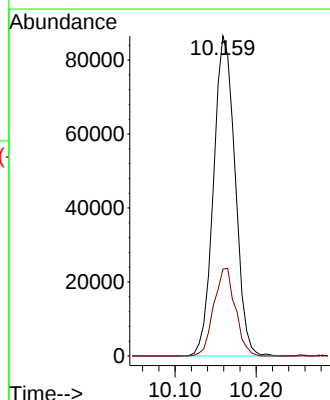
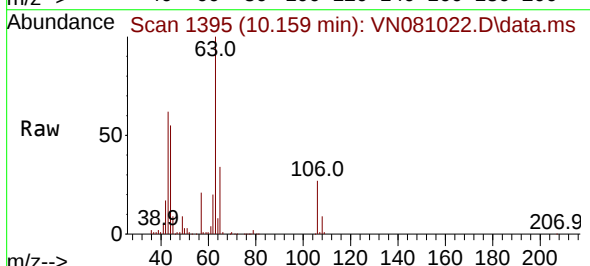
Acq: 14 Feb 2024 13:25

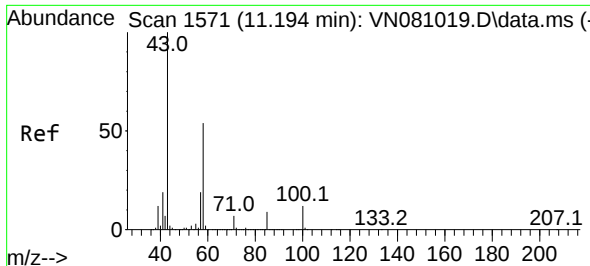
Tgt Ion: 63 Resp: 159602

Ion Ratio Lower Upper

63 100

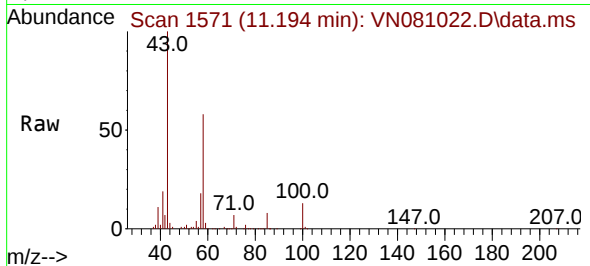
106 27.3 18.6 28.0





#59
2-Hexanone
Concen: 25.429 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

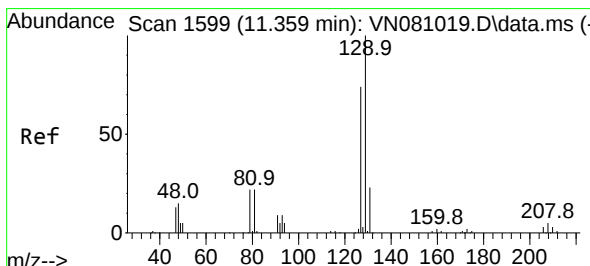
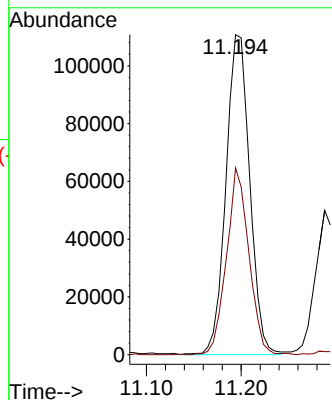
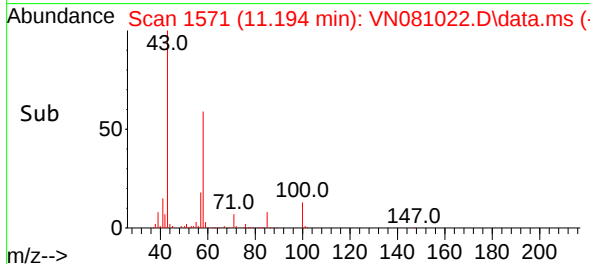
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



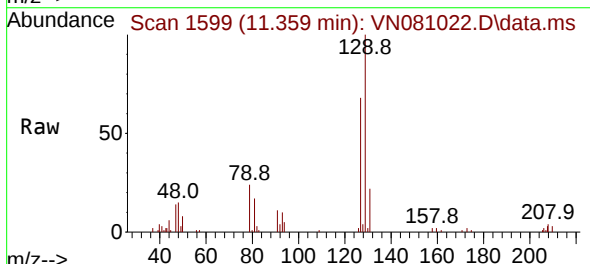
Tgt Ion: 43 Resp: 193430
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8

Manual Integrations
APPROVED

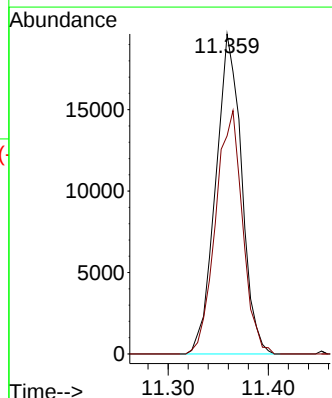
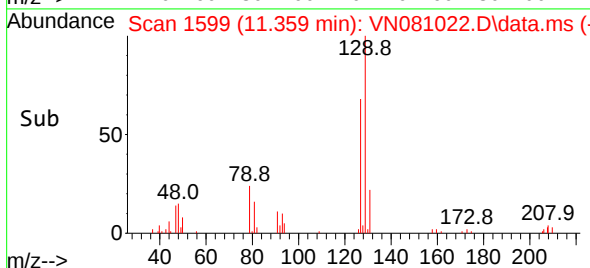
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

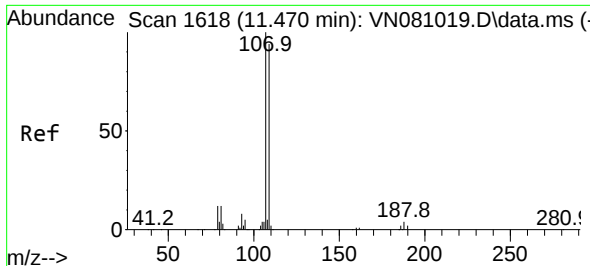


#60
Dibromochloromethane
Concen: 4.918 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



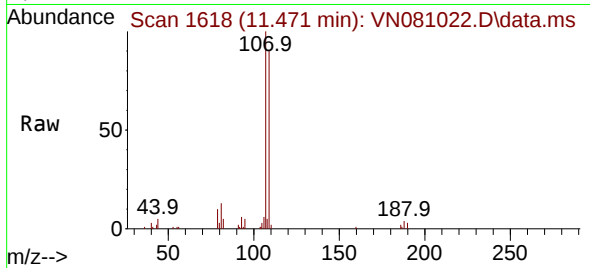
Tgt Ion:129 Resp: 35204
Ion Ratio Lower Upper
129 100
127 79.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 5.011 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

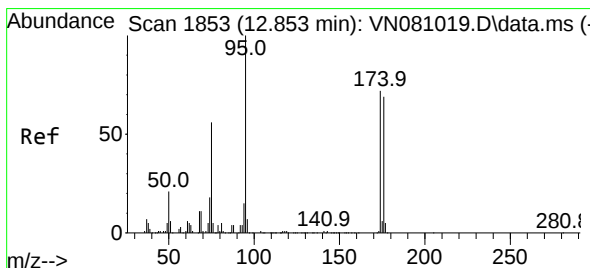
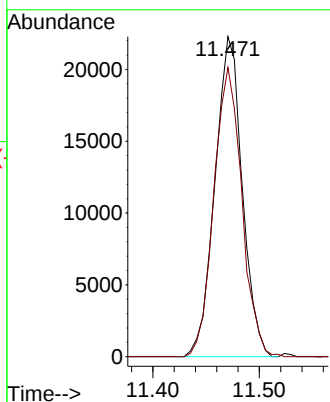
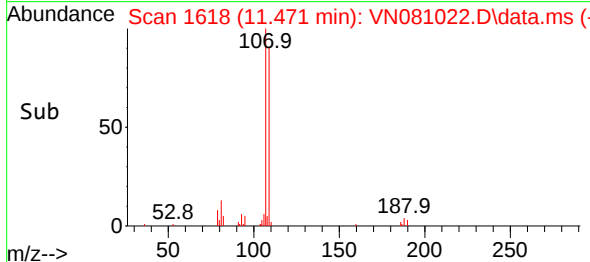
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



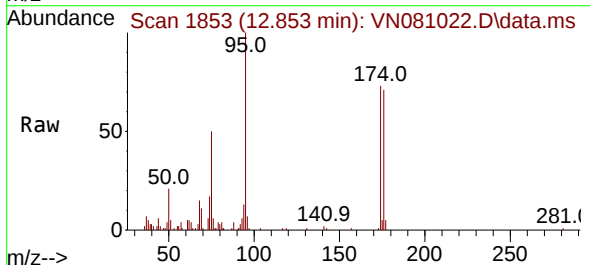
Tgt Ion:107 Resp: 39659
Ion Ratio Lower Upper
107 100
109 92.5 73.4 110.2

Manual Integrations
APPROVED

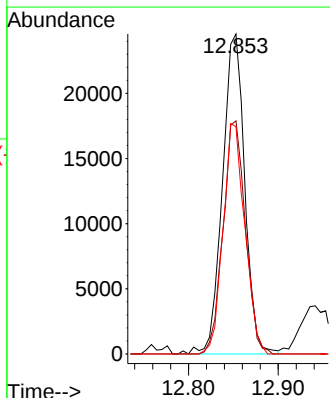
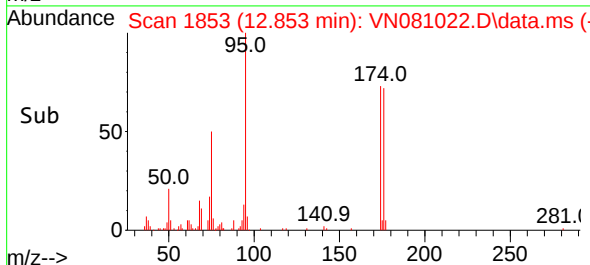
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

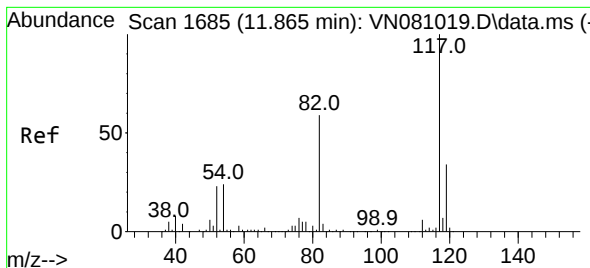


#62
4-Bromofluorobenzene
Concen: 5.427 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



Tgt Ion: 95 Resp: 42276
Ion Ratio Lower Upper
95 100
174 73.0 0.0 120.4
176 70.4 0.0 121.0





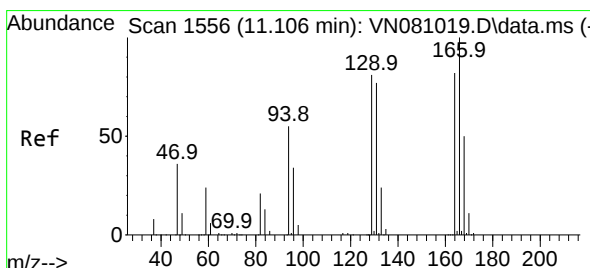
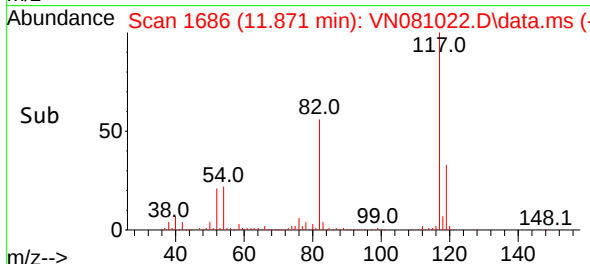
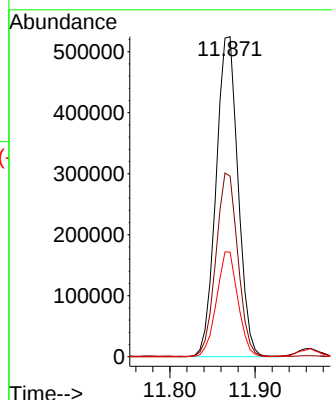
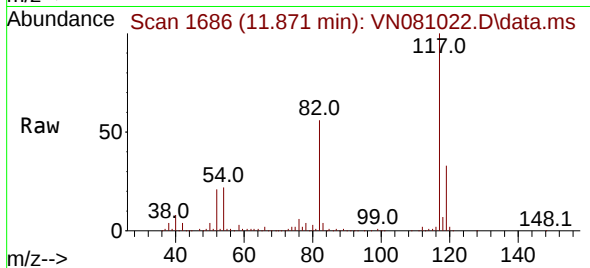
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 943250
Ion Ratio Lower Upper
117 100
82 56.3 52.7 79.1
119 32.7 25.3 37.9

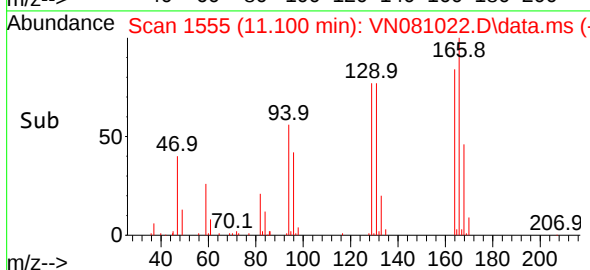
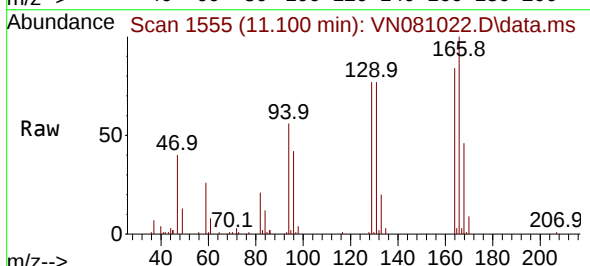
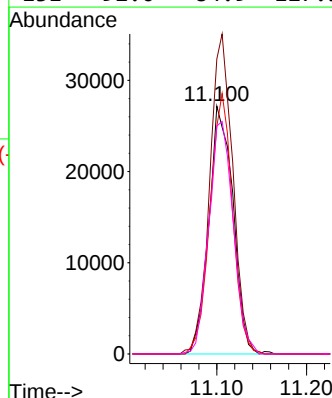
Manual Integrations
APPROVED

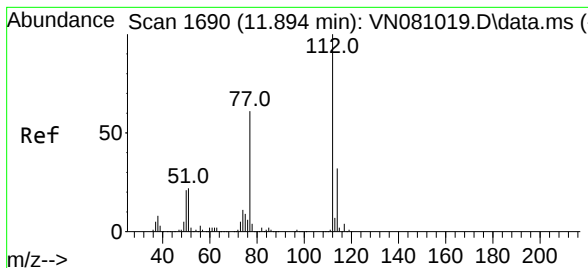
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#64
Tetrachloroethene
Concen: 5.277 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Tgt Ion:164 Resp: 50749
Ion Ratio Lower Upper
164 100
166 119.0 105.8 158.6
129 91.8 89.6 134.4
131 92.0 84.9 127.3





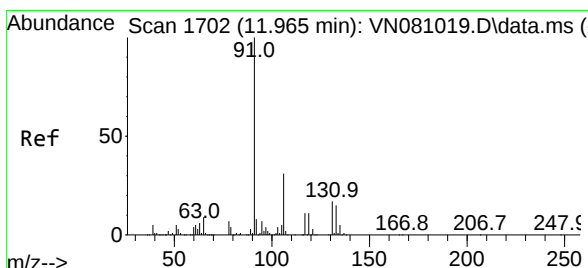
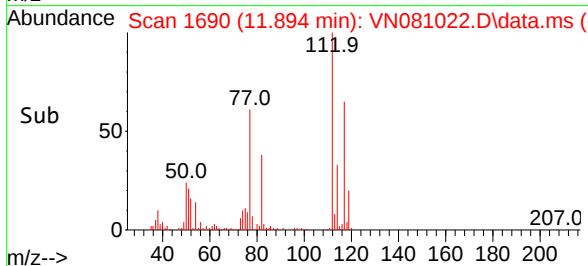
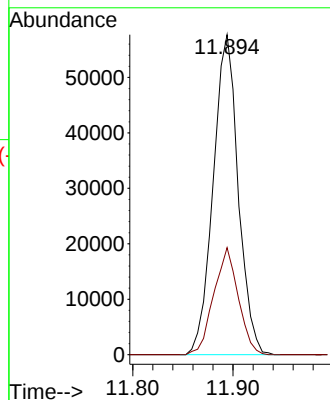
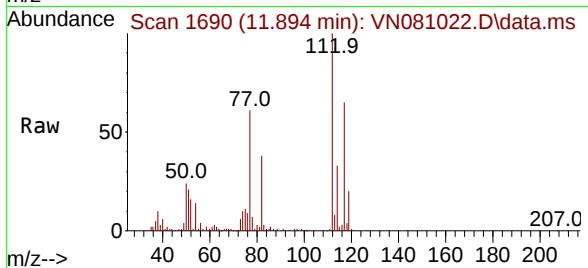
#65
Chlorobenzene
Concen: 5.054 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 99954
Ion Ratio Lower Upper
112 100
114 33.4 23.7 35.5

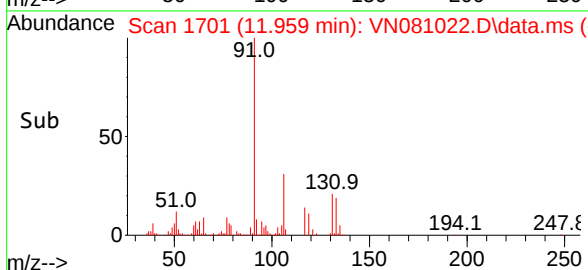
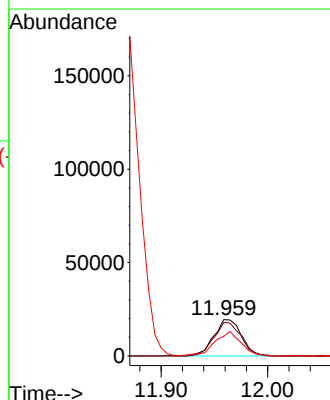
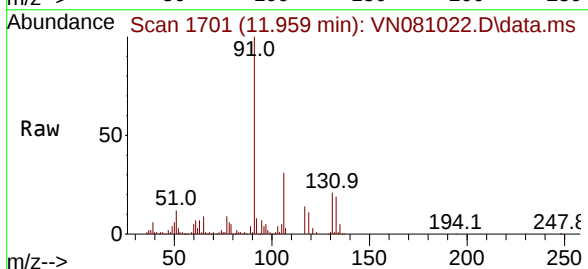
Manual Integrations
APPROVED

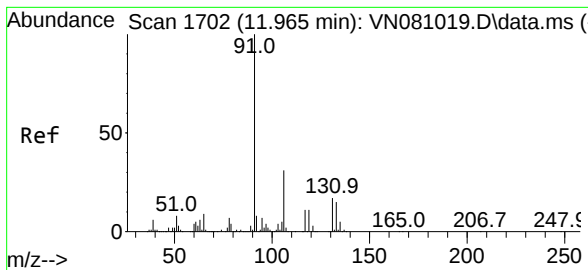
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.106 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

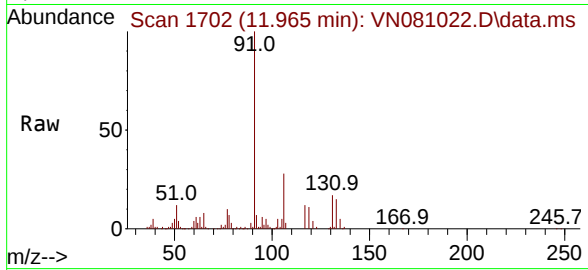
Tgt Ion:131 Resp: 34768
Ion Ratio Lower Upper
131 100
133 92.5 46.8 140.3
119 64.5 34.6 103.9





#67
Ethyl Benzene
Concen: 5.043 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

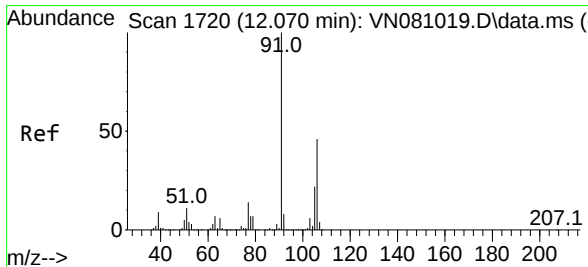
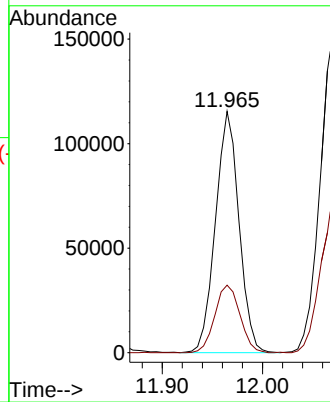
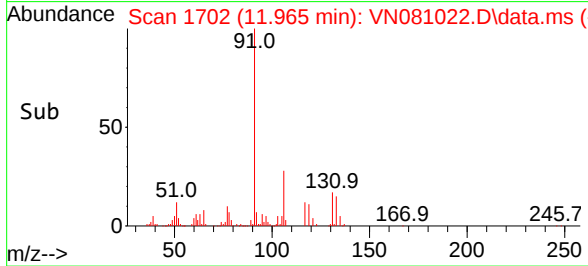
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



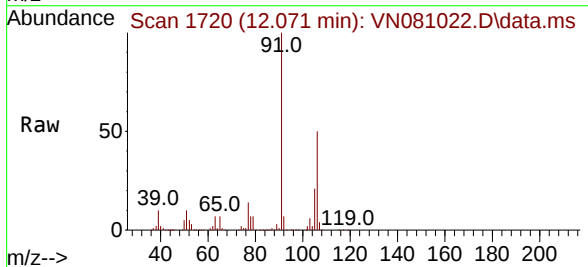
Tgt Ion: 91 Resp: 188030
Ion Ratio Lower Upper
91 100
106 28.0 23.8 35.6

Manual Integrations
APPROVED

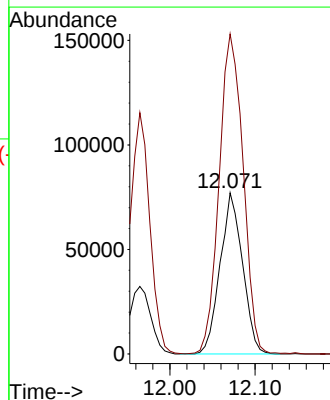
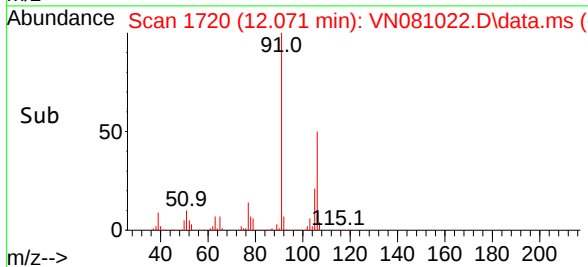
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

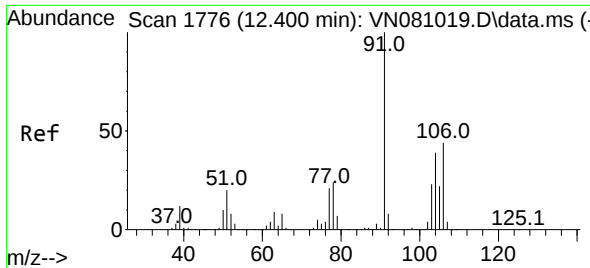


#68
m/p-Xylenes
Concen: 10.262 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



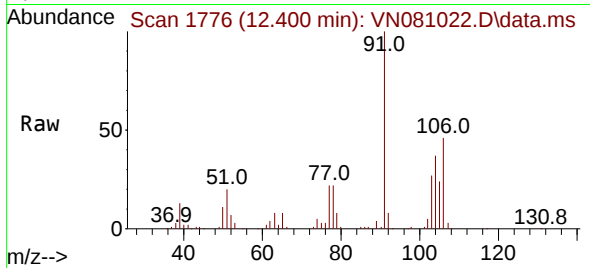
Tgt Ion:106 Resp: 141110
Ion Ratio Lower Upper
106 100
91 212.4 169.0 253.6





#69
o-Xylene
Concen: 5.207 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

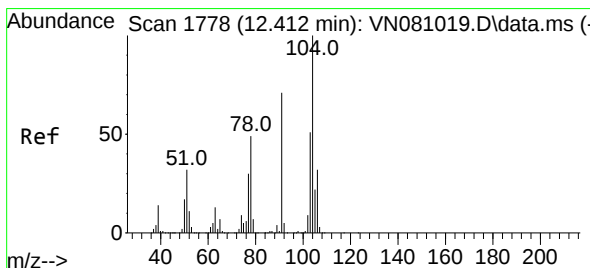
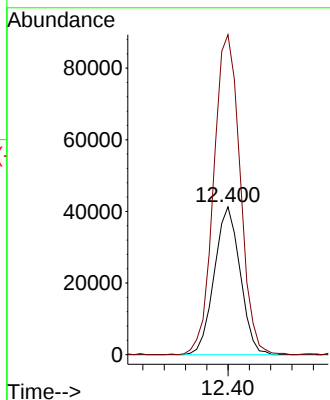
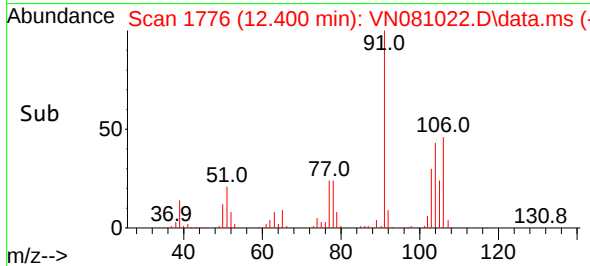
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:106 Resp: 69449
Ion Ratio Lower Upper
106 100
91 221.9 112.1 336.3

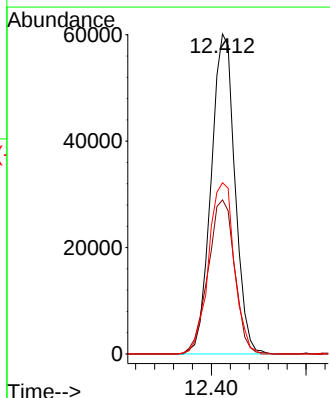
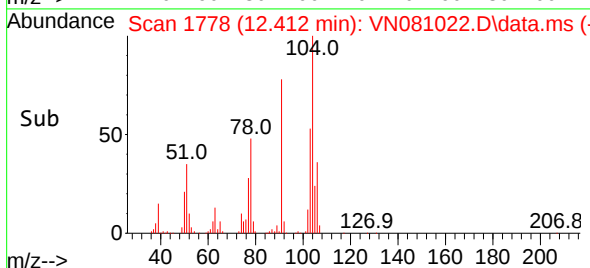
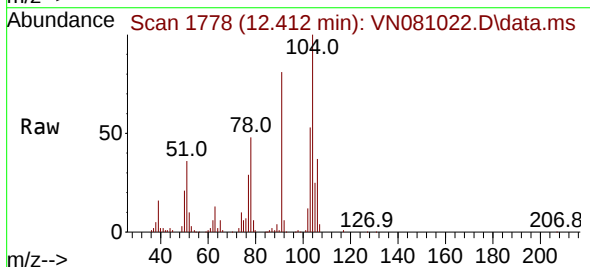
Manual Integrations
APPROVED

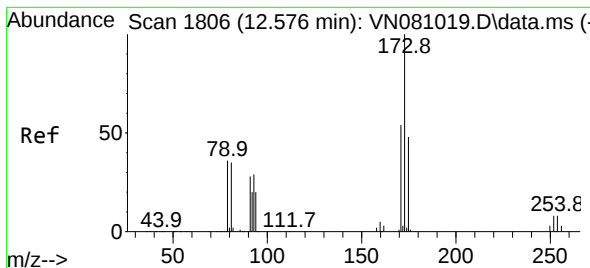
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#70
Styrene
Concen: 4.937 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Tgt Ion:104 Resp: 104934
Ion Ratio Lower Upper
104 100
78 53.7 43.8 65.8
103 57.7 44.2 66.2





#71

Bromoform

Concen: 4.796 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

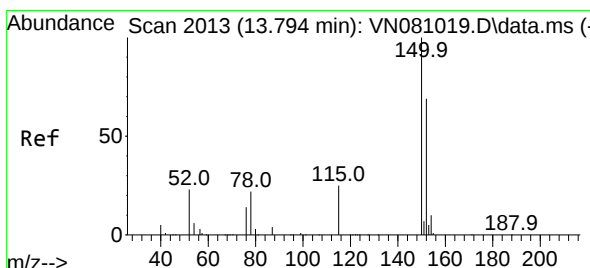
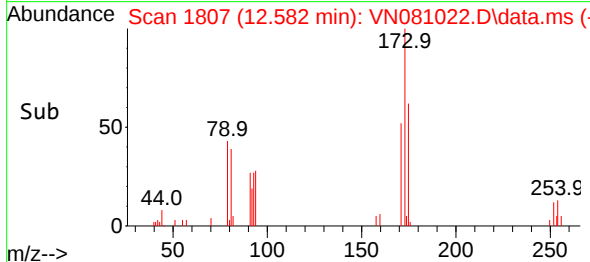
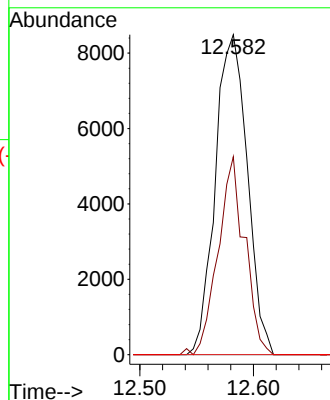
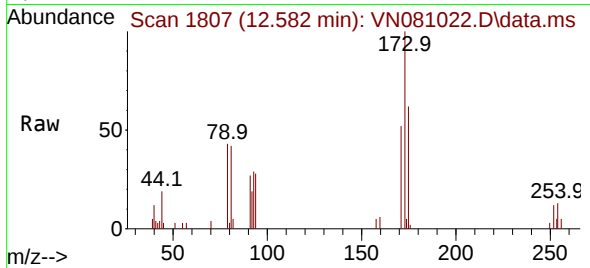
Tgt Ion:173 Resp: 1661
 Ion Ratio Lower Upper
 173 100
 175 51.5 23.1 69.2
 254 0.0 0.0 0.0

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

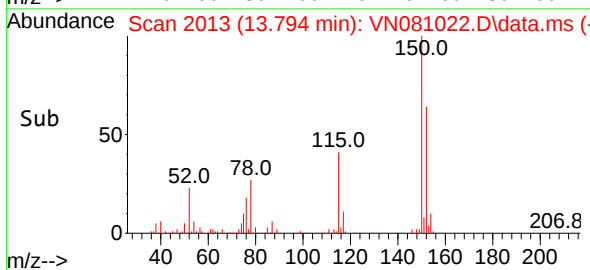
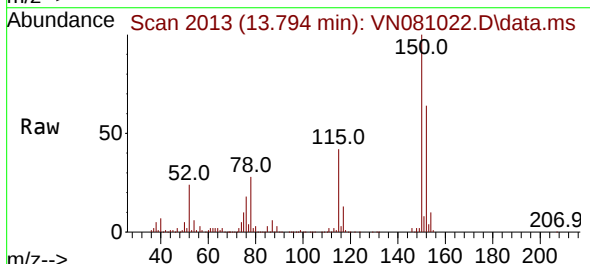
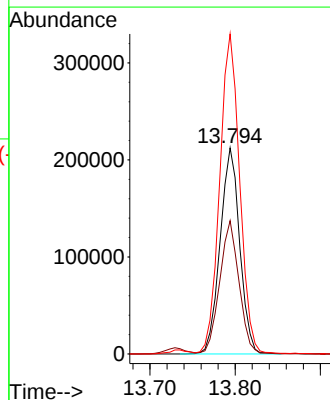
RT: 13.794 min Scan# 2013

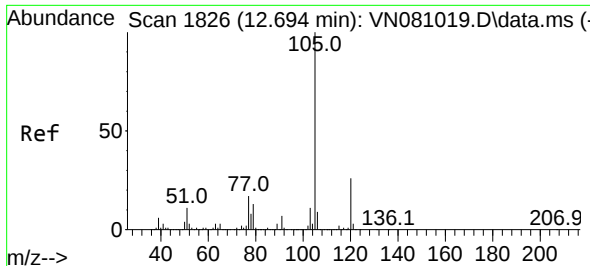
Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion:152 Resp: 338862
 Ion Ratio Lower Upper
 152 100
 115 63.5 32.3 96.8
 150 158.6 0.0 339.8





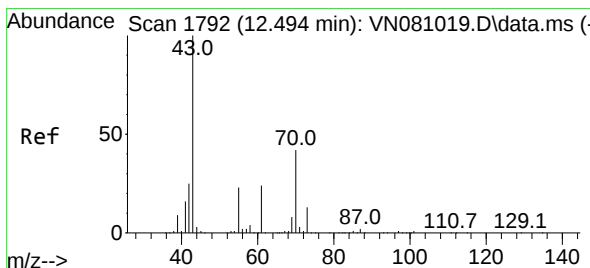
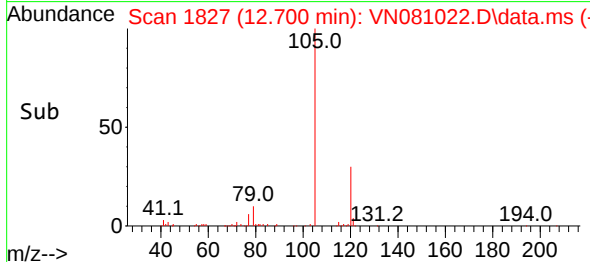
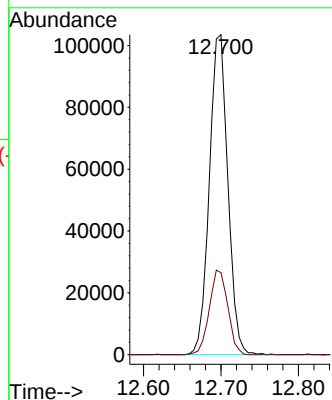
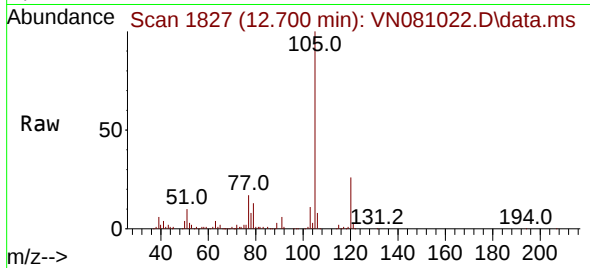
#73
Isopropylbenzene
Concen: 5.015 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 17171
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.6

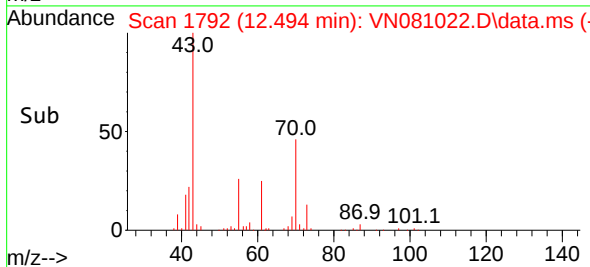
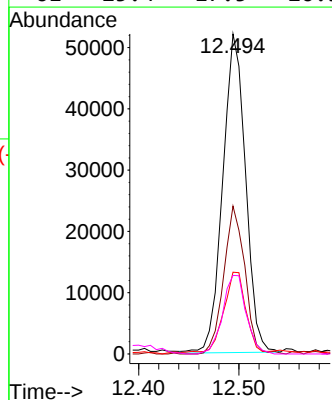
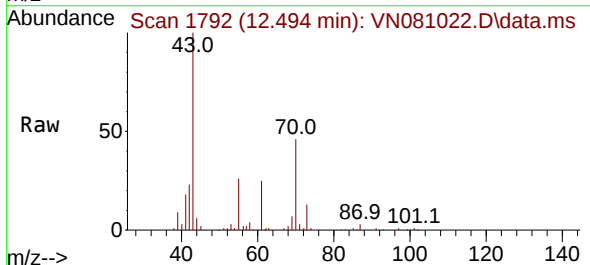
Manual Integrations
APPROVED

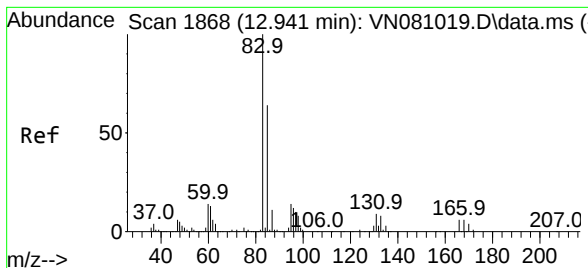
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#74
N-ethyl acetate
Concen: 5.196 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

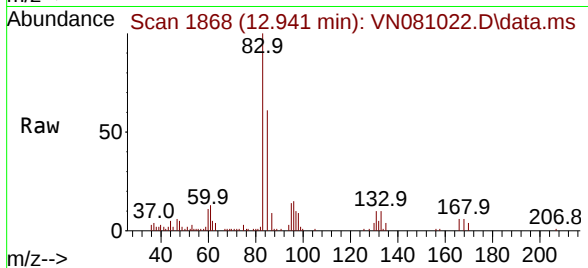
Tgt Ion: 43 Resp: 81845
Ion Ratio Lower Upper
43 100
70 43.0 30.1 45.1
55 26.0 17.0 25.4#
61 25.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.166 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

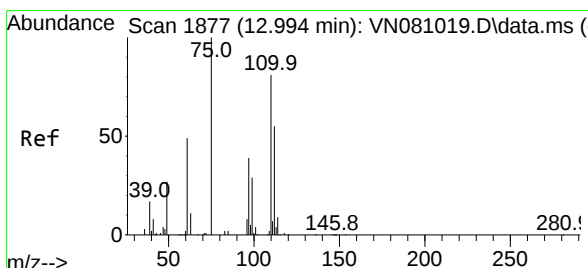
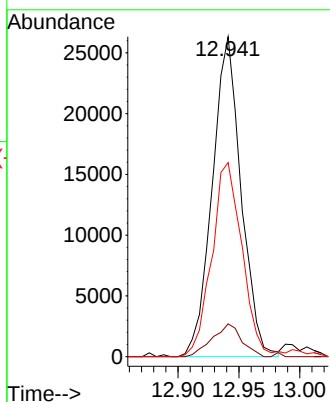
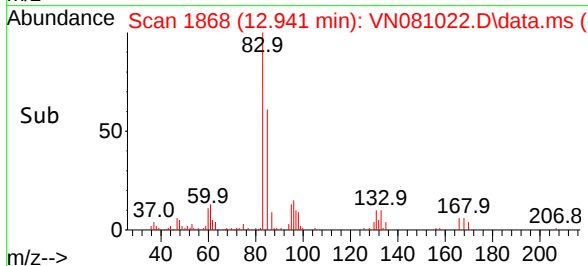
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



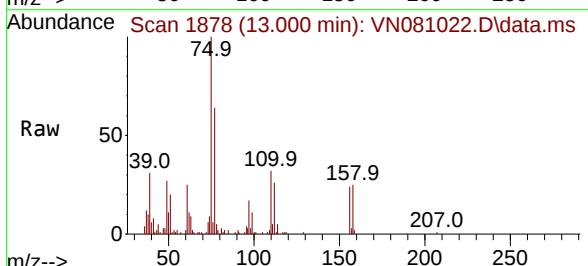
Tgt Ion: 83 Resp: 43408
Ion Ratio Lower Upper
83 100
131 10.4 4.1 12.3
85 63.8 32.1 96.3

Manual Integrations
APPROVED

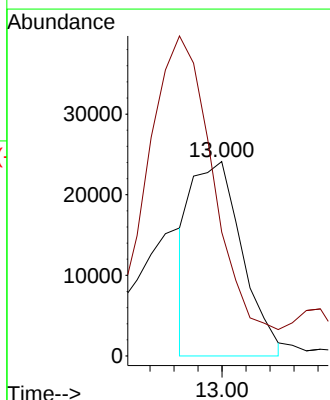
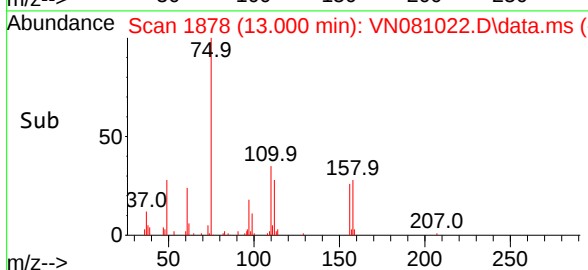
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

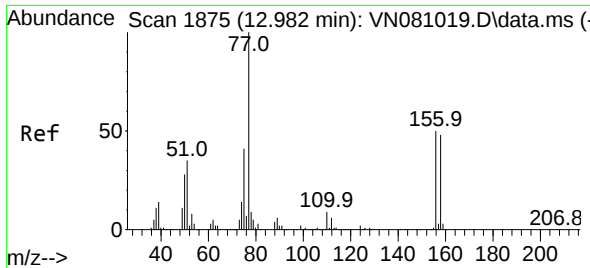


#76
1,2,3-Trichloropropane
Concen: 4.824 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



Tgt Ion: 75 Resp: 35510
Ion Ratio Lower Upper
75 100
77 228.8 91.0 272.8





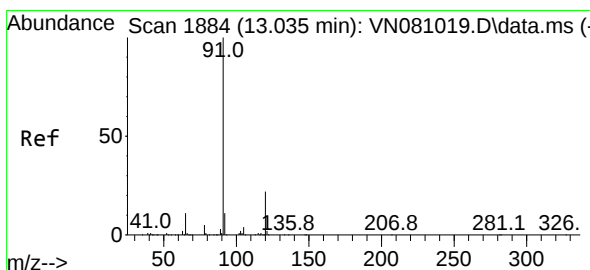
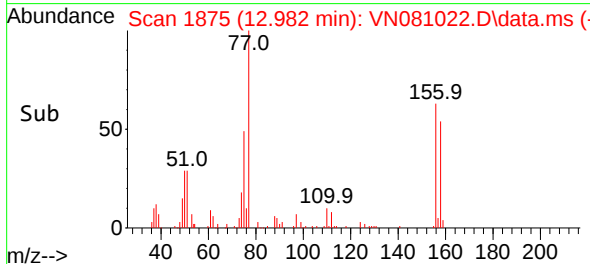
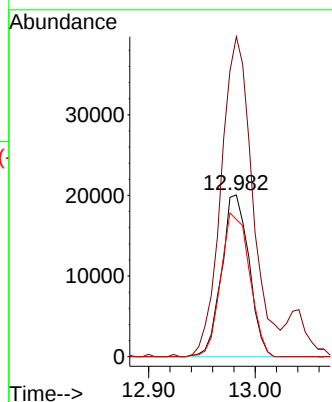
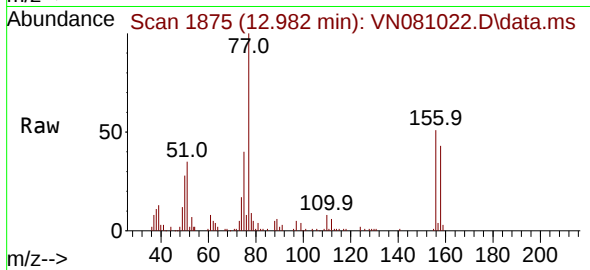
#77
Bromobenzene
Concen: 5.160 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 35784
Ion Ratio Lower Upper
156 100
77 227.0 138.1 414.3
158 93.1 46.5 139.5

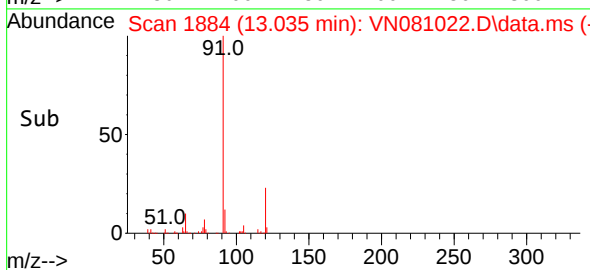
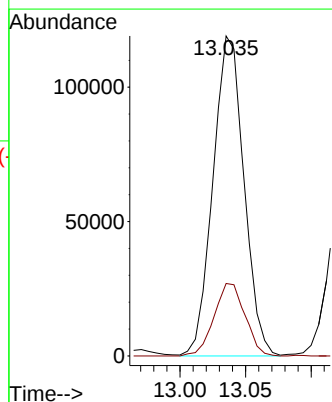
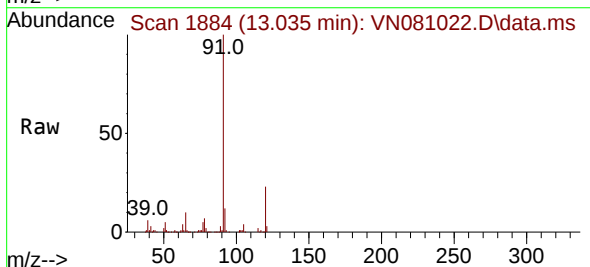
Manual Integrations
APPROVED

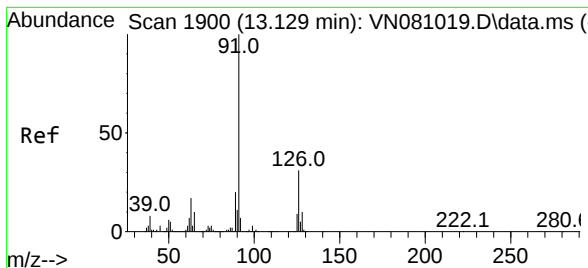
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#78
n-propylbenzene
Concen: 5.008 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Tgt Ion: 91 Resp: 195646
Ion Ratio Lower Upper
91 100
120 22.6 10.3 30.9





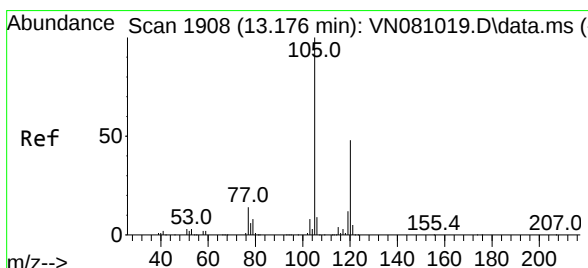
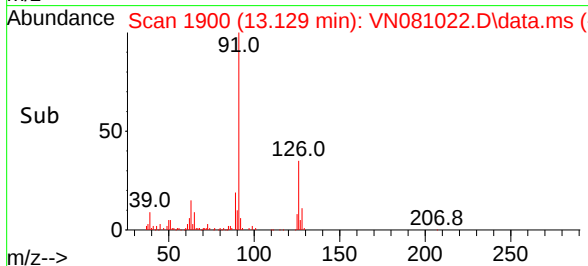
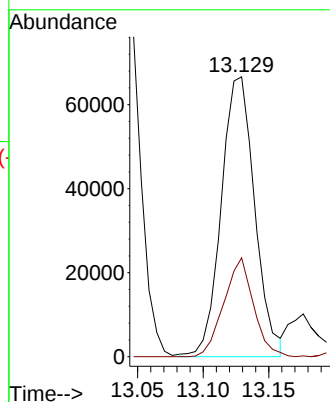
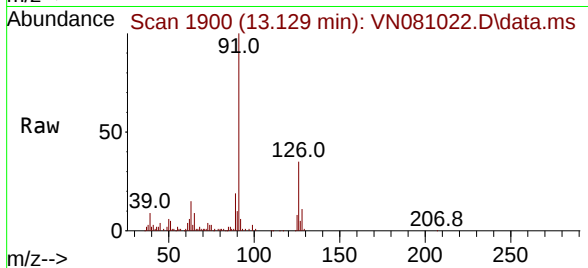
#79
2-Chlorotoluene
Concen: 5.236 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 11814
Ion Ratio Lower Upper
91 100
126 31.3 14.8 44.4

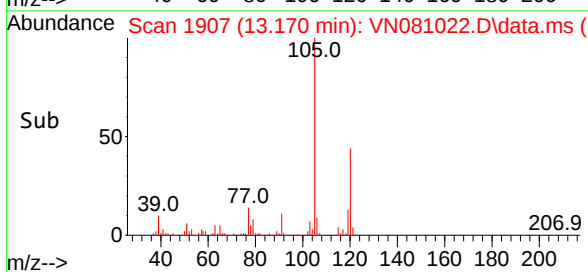
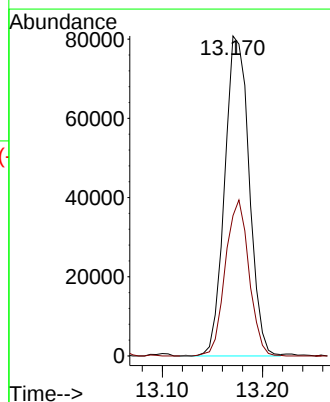
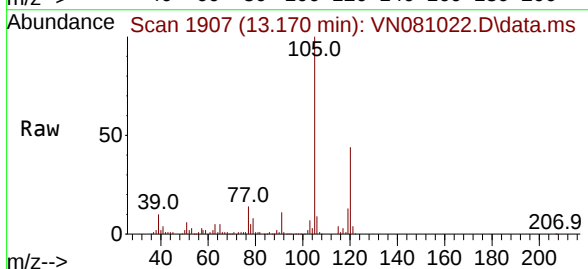
Manual Integrations
APPROVED

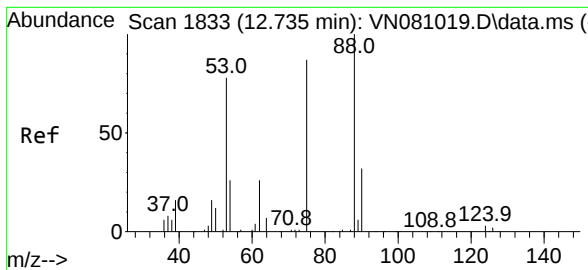
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.163 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Tgt Ion:105 Resp: 137149
Ion Ratio Lower Upper
105 100
120 47.0 23.0 69.0





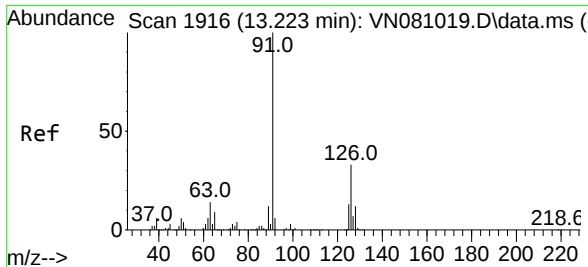
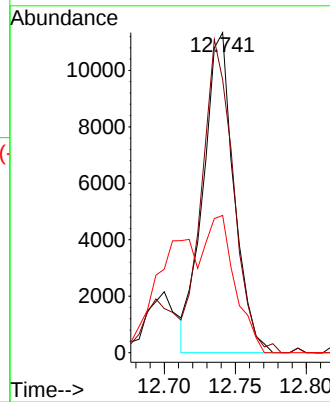
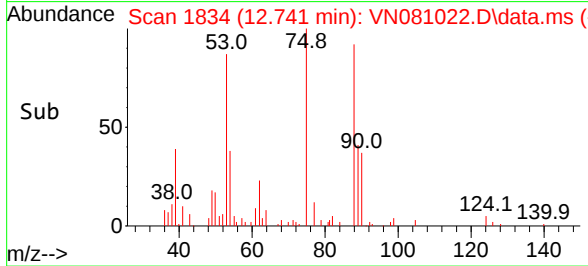
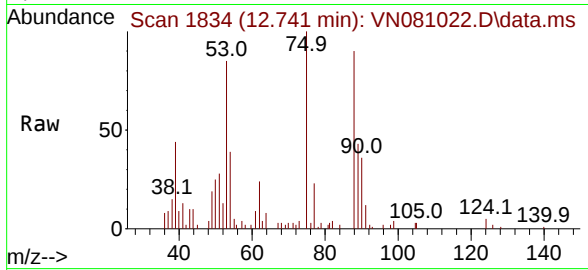
#81
trans-1,4-Dichloro-2-butene
Concen: 5.315 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 17095
Ion Ratio Lower Upper
75 100
53 99.7 71.4 107.2
89 41.4 33.4 50.0

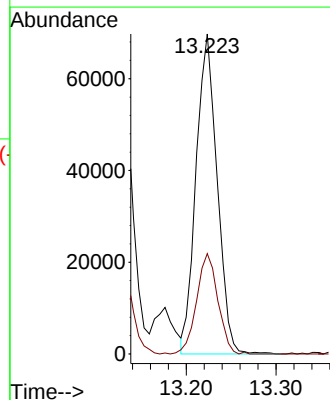
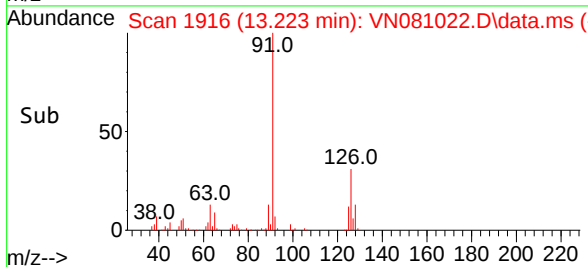
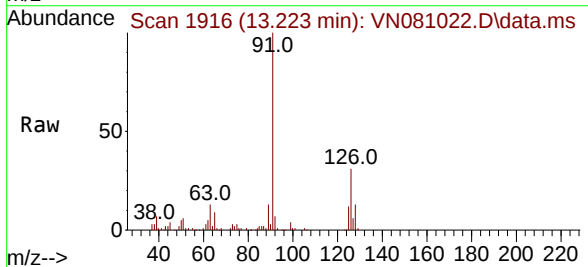
Manual Integrations
APPROVED

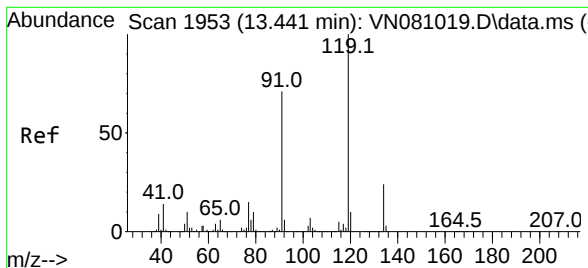
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#82
4-Chlorotoluene
Concen: 5.228 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

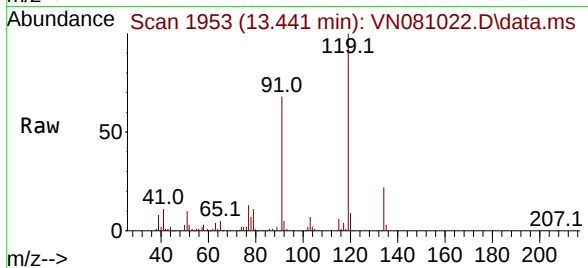
Tgt Ion: 91 Resp: 114001
Ion Ratio Lower Upper
91 100
126 31.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 5.243 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

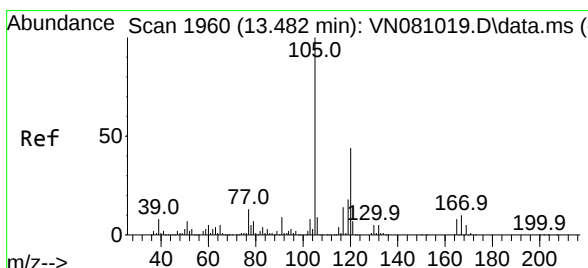
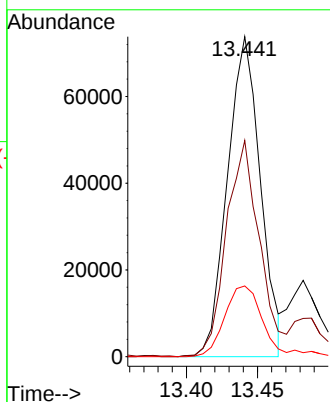
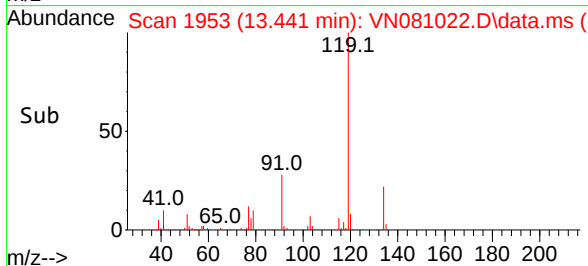
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



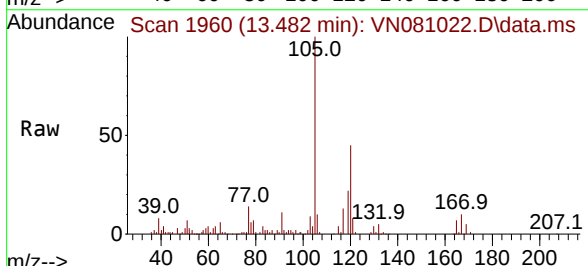
Tgt Ion:119 Resp: 119254
Ion Ratio Lower Upper
119 100
91 68.5 36.8 110.4
134 26.0 12.4 37.4

Manual Integrations
APPROVED

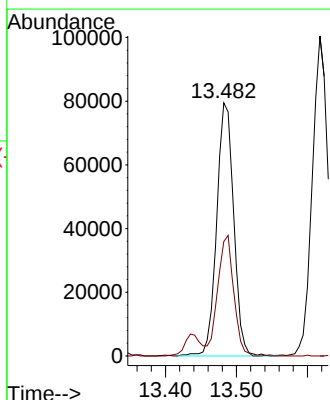
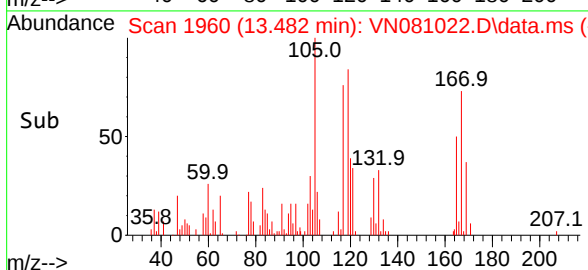
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

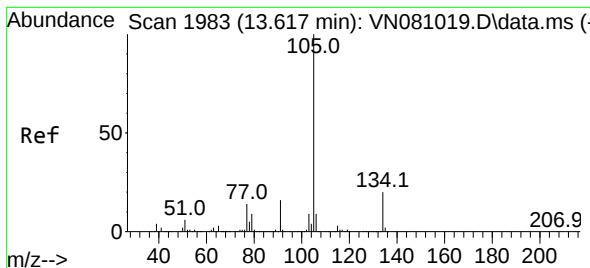


#84
1,2,4-Trimethylbenzene
Concen: 5.157 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25



Tgt Ion:105 Resp: 131985
Ion Ratio Lower Upper
105 100
120 45.1 20.9 62.7





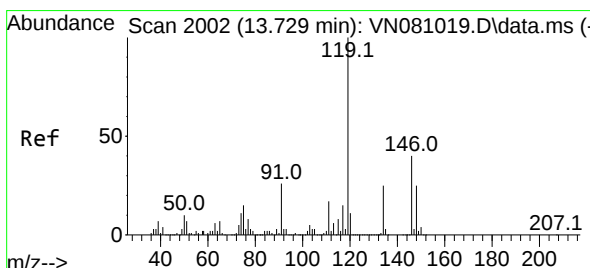
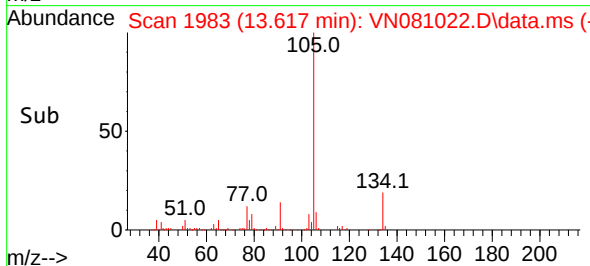
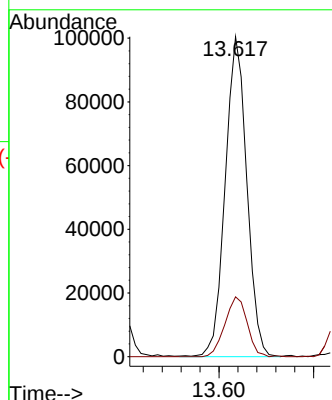
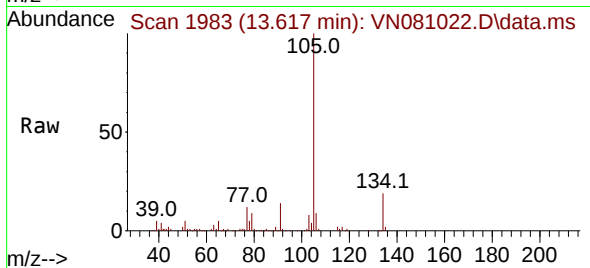
#85
 sec-Butylbenzene
 Concen: 5.092 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081022.D
 Acq: 14 Feb 2024 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 15889
 Ion Ratio Lower Upper
 105 100
 134 19.3 8.6 25.8

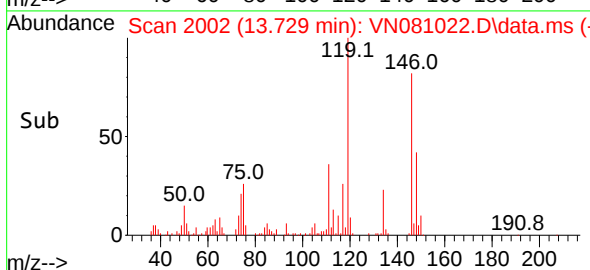
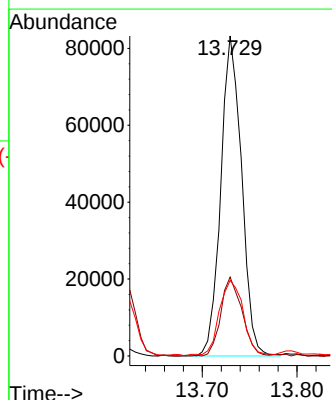
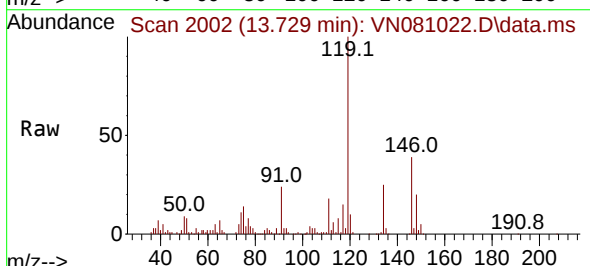
Manual Integrations
 APPROVED

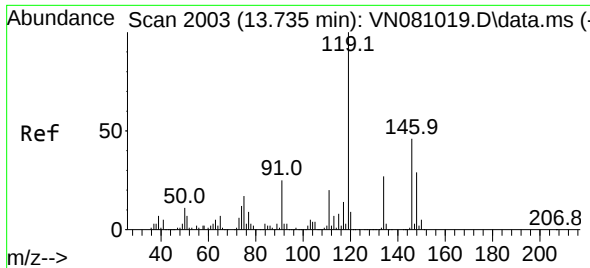
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#86
 p-Isopropyltoluene
 Concen: 5.070 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081022.D
 Acq: 14 Feb 2024 13:25

Tgt Ion:119 Resp: 127228
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.4 37.2
 91 27.4 13.5 40.4





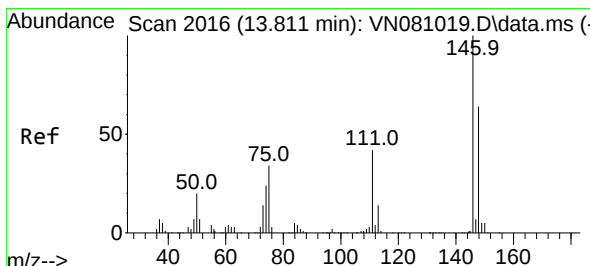
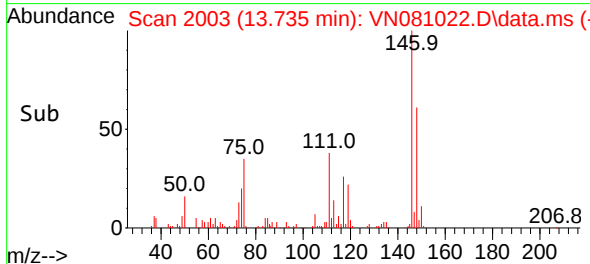
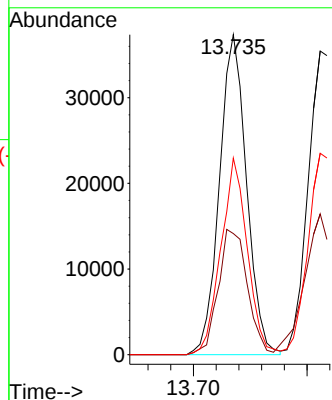
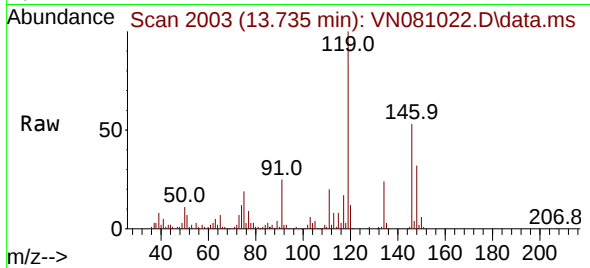
#87
1,3-Dichlorobenzene
Concen: 5.252 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 6193
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.7
148 60.1 32.6 97.7

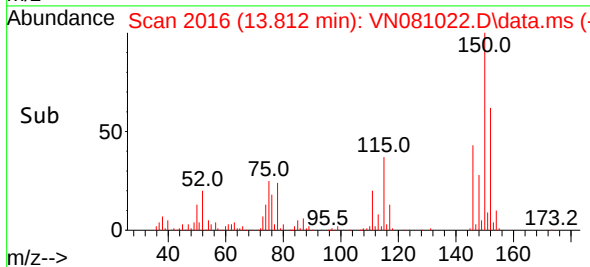
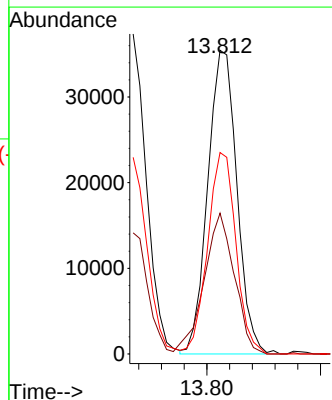
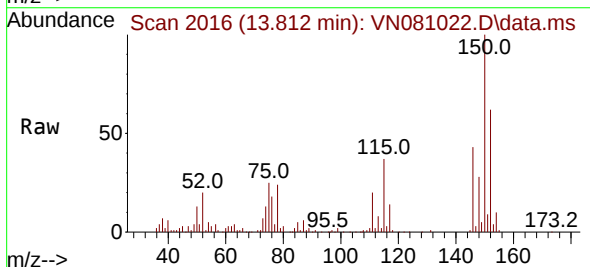
Manual Integrations
APPROVED

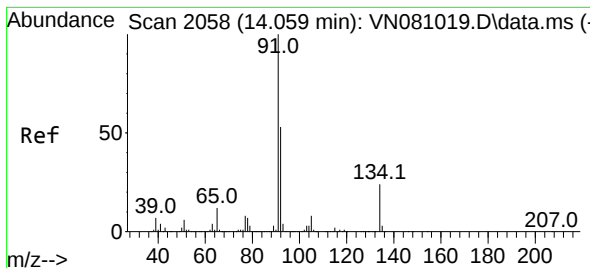
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#88
1,4-Dichlorobenzene
Concen: 5.192 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Tgt Ion:146 Resp: 63262
Ion Ratio Lower Upper
146 100
111 48.2 22.6 67.7
148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 4.909 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

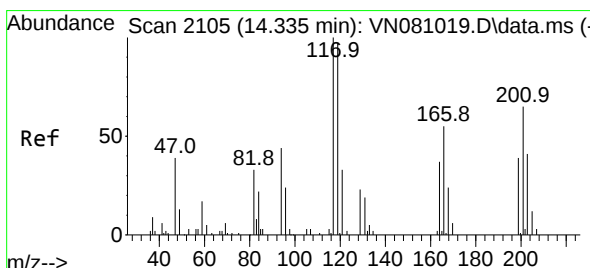
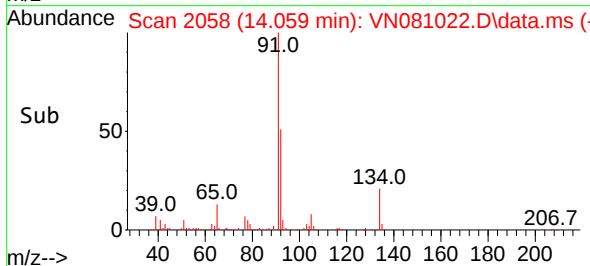
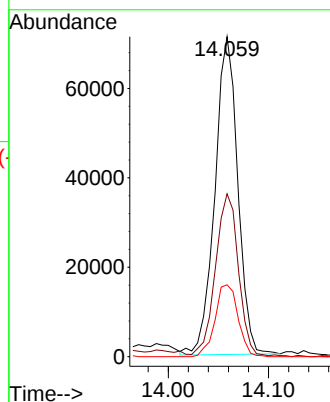
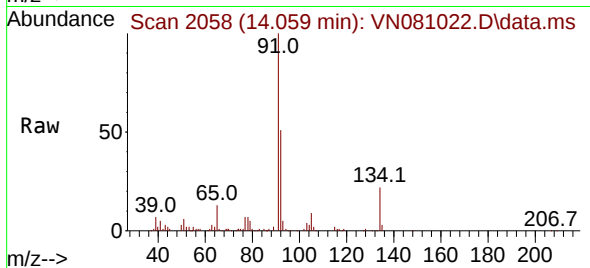
Tgt Ion:	91	Resp:	11276
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.7	80.1
134	22.7	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#90

Hexachloroethane

Concen: 6.045 ug/l m

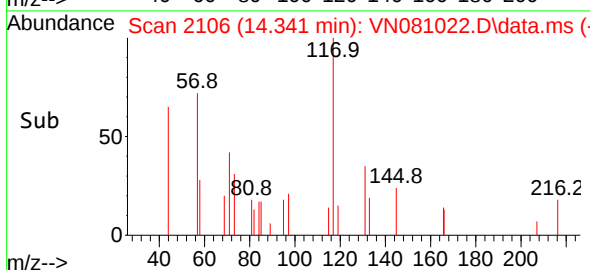
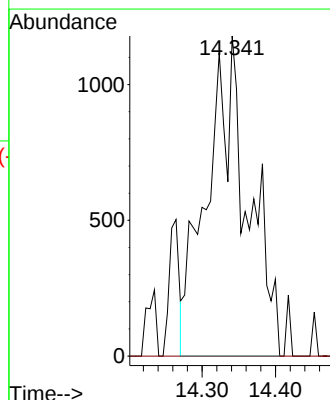
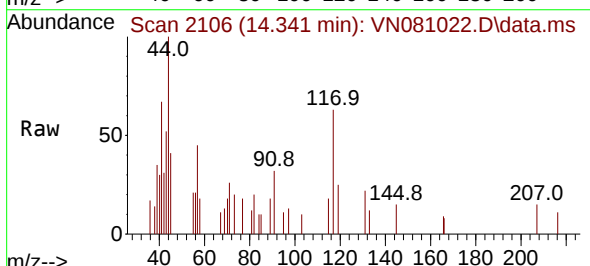
RT: 14.341 min Scan# 2106

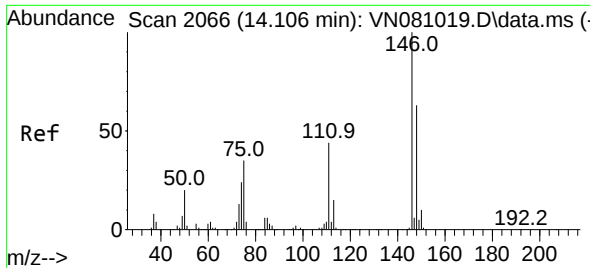
Delta R.T. 0.006 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion:	117	Resp:	4549
Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.0	90.0





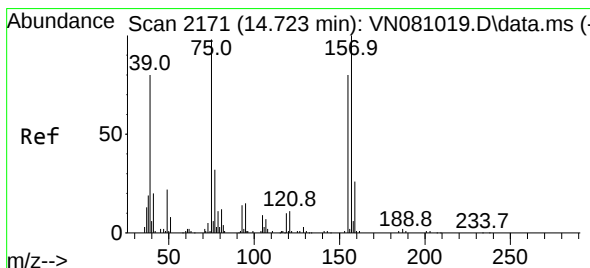
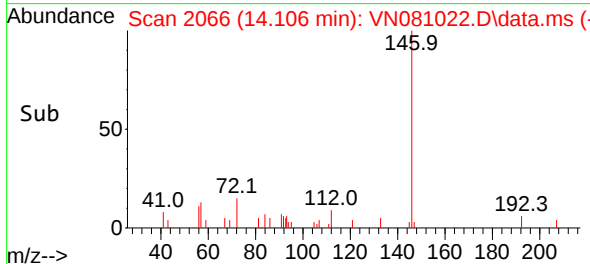
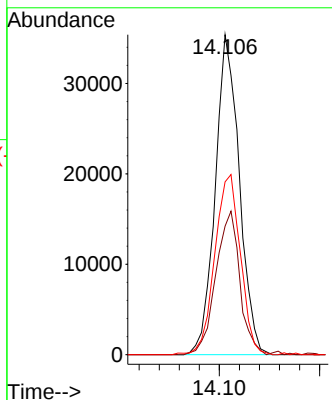
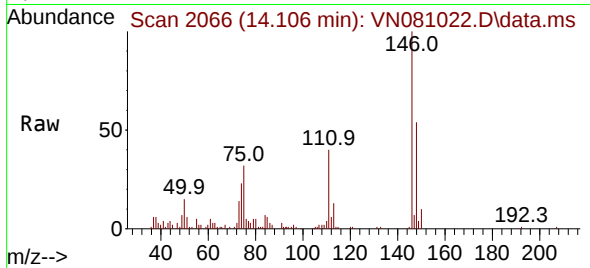
#91
1,2-Dichlorobenzene
Concen: 5.159 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 58979
Ion Ratio Lower Upper
146 100
111 44.7 23.9 71.8
148 59.9 31.4 94.0

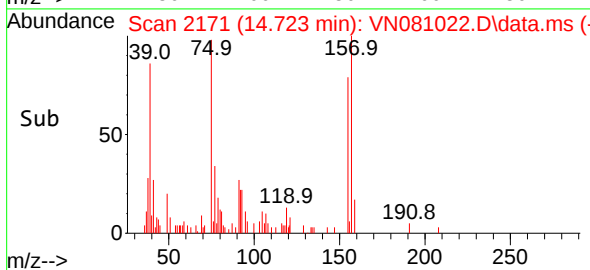
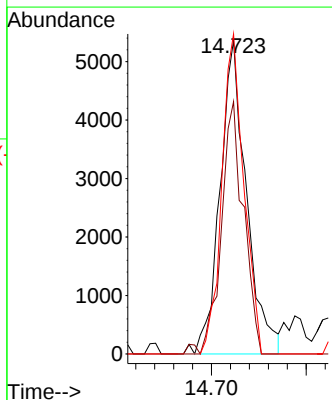
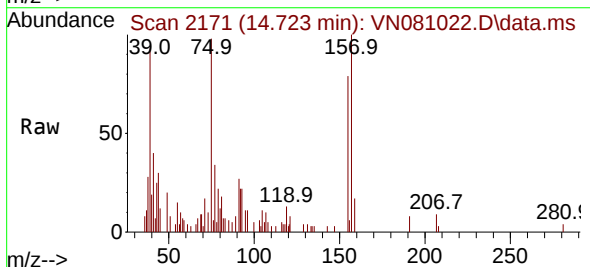
Manual Integrations
APPROVED

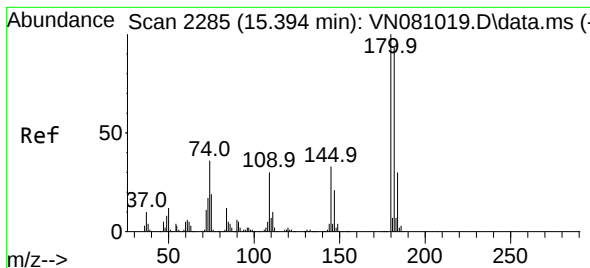
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.827 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081022.D
Acq: 14 Feb 2024 13:25

Tgt Ion: 75 Resp: 10400
Ion Ratio Lower Upper
75 100
155 68.2 31.8 95.4
157 84.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 4.781 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

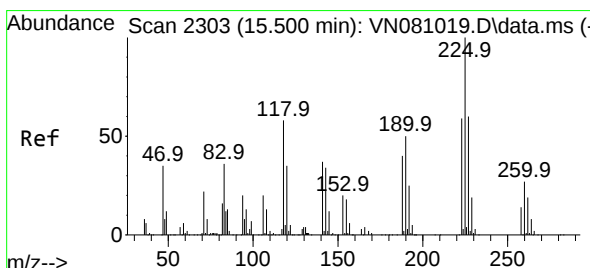
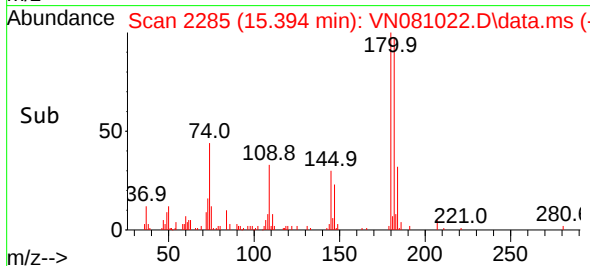
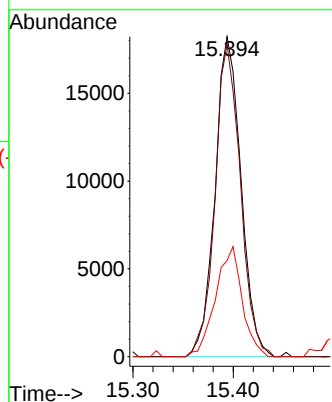
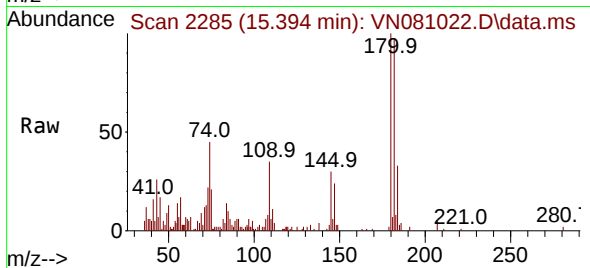
Tgt Ion:	180	Resp:	3274
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.6	139.7
145	35.3	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#94

Hexachlorobutadiene

Concen: 4.947 ug/l

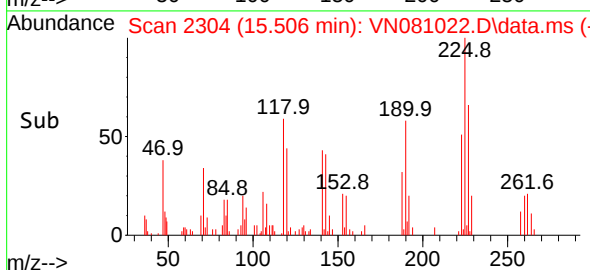
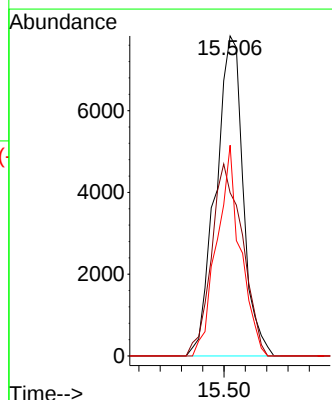
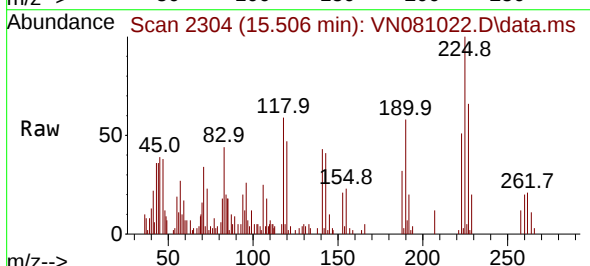
RT: 15.506 min Scan# 2304

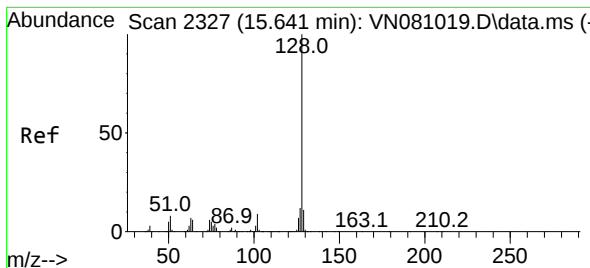
Delta R.T. 0.006 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion:	225	Resp:	14012
Ion Ratio	Lower	Upper	
225	100		
223	67.7	33.3	99.8
227	56.7	33.1	99.2





#95

Naphthalene

Concen: 5.026 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

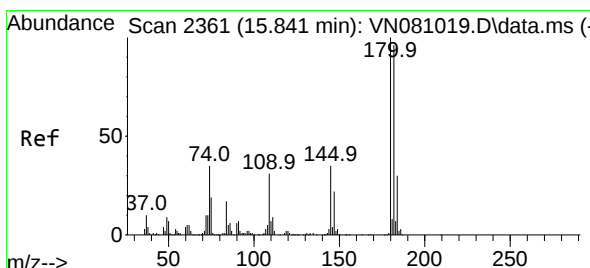
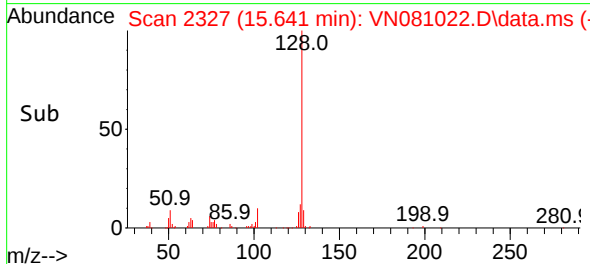
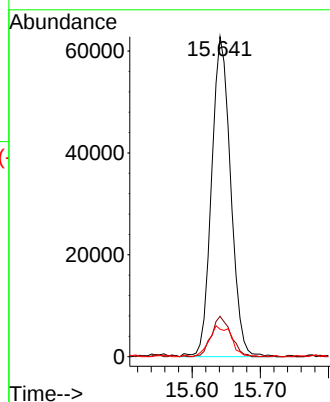
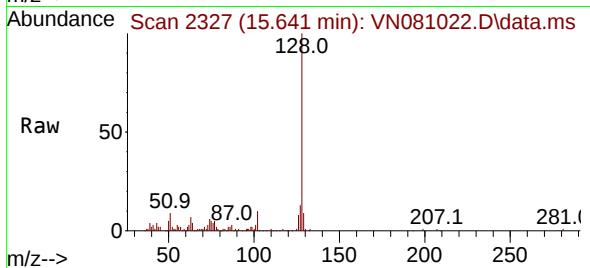
Tgt Ion:128 Resp: 12245
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.0 15.0
 129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.857 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081022.D

Acq: 14 Feb 2024 13:25

Tgt Ion:180 Resp: 32598
 Ion Ratio Lower Upper
 180 100
 182 93.4 46.5 139.3
 145 38.4 17.8 53.4

