

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081691.D
 Acq On : 10 Apr 2024 19:41
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2024
 Supervised By : Mahesh Dadoda 04/11/2024

Quant Time: Apr 11 09:28:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	25207	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	183867	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	242122	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	103096	33.293	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 110.967%#	
60) 4-Bromofluorobenzene	12.853	95	144991	30.459	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.533%	
63) Toluene-d8	10.571	98	295243	30.400	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	69893	19.844	ug/l	97
3) Chloromethane	2.360	50	76552	25.051	ug/l	100
4) Vinyl Chloride	2.518	62	57315	18.240	ug/l	99
5) Bromomethane	2.959	94	51287	19.272	ug/l	95
6) Chloroethane	3.124	64	53512	21.758	ug/l	95
7) Trichlorofluoromethane	3.506	101	122400	23.726	ug/l	100
8) Diethyl Ether	3.965	74	39892	20.733	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	70355	19.878	ug/l	96
10) 1,1-Dichloroethene	4.348	96	63431	19.541	ug/l	93
11) Methyl Iodide	4.589	142	71153	19.356	ug/l	99
12) Methyl Acetate	5.018	43	59021	19.802	ug/l #	87
13) Acrolein	4.177	56	38460	97.975	ug/l	96
14) Acrylonitrile	5.724	53	146517	98.754	ug/l	97
15) Acetone	4.424	58	34242	104.936	ug/l	95
16) Carbon Disulfide	4.712	76	185729	20.122	ug/l	96
17) Allyl chloride	5.030	41	74987	19.097	ug/l	89
18) Methylene Chloride	5.277	84	77469	20.727	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	38401	10.788	ug/l	88
20) Diisopropyl ether	6.677	45	202523	21.664	ug/l	96
21) 1,1-Dichloroethane	6.571	63	131581	21.111	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	87787	20.423	ug/l	94
23) tert-Butyl Alcohol	5.518	59	42773	81.212	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	206689	20.360	ug/l	94
25) Chloroform	7.971	83	150594	21.235	ug/l	97
26) Cyclohexane	8.259	56	99358	19.885	ug/l #	85
29) 1,1-Dichloropropene	8.371	75	92726	19.182	ug/l	95
30) 2-Butanone	7.489	43	174668	94.614	ug/l	98
31) 2,2-Dichloropropane	7.489	77	109480	18.183	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	133225	19.997	ug/l	99
33) Carbon Tetrachloride	8.365	117	116785	19.339	ug/l	96
34) Benzene	8.606	78	310170	19.919	ug/l	99
35) Methacrylonitrile	7.783	41	41639	19.913	ug/l	93
36) 1,2-Dichloroethane	8.677	62	105462	20.648	ug/l	98
37) Trichloroethene	9.353	130	81785	19.848	ug/l	96
38) Methylcyclohexane	9.606	83	105522	17.860	ug/l	97
39) 1,2-Dichloropropane	9.624	63	72734	20.021	ug/l	99
40) Dibromomethane	9.706	93	60251	20.821	ug/l	96
41) Bromodichloromethane	9.894	83	120988	20.503	ug/l	98
42) Vinyl Acetate	6.606	43	771510	100.320	ug/l	99

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	85200	20.941	ug/l #	87
44) Isopropyl Acetate	8.694	43	134052	19.664	ug/l	98
45) 1,4-Dioxane	9.700	88	25802	342.862	ug/l	97
46) Methyl methacrylate	9.683	41	63886	20.839	ug/l	84
47) n-amyl Acetate	12.494	43	118937	19.443	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	112420	19.996	ug/l	93
49) cis-1,3-Dichloropropene	10.312	75	119785	19.785	ug/l	91
50) 1,1,2-Trichloroethane	11.018	97	79314	20.469	ug/l	94
51) Ethyl methacrylate	10.877	69	106739	19.784	ug/l	85
52) 1,3-Dichloropropane	11.165	76	127814	20.125	ug/l	99
53) Dibromochloromethane	11.359	129	89934	19.430	ug/l	99
54) 1,2-Dibromoethane	11.477	107	78701	19.650	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	281942	106.416	ug/l	99
56) Bromoform	12.576	173	54936	18.561	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	408950	98.216	ug/l	94
59) 2-Hexanone	11.200	43	300244	96.016	ug/l	92
61) Tetrachloroethene	11.106	164	86996	19.391	ug/l	98
62) Toluene	10.630	91	349756	19.856	ug/l	100
64) Chlorobenzene	11.894	112	219420	19.644	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	78547	19.359	ug/l	94
66) Ethyl Benzene	11.965	91	352204	18.806	ug/l	98
67) m/p-Xylenes	12.071	106	289691	39.050	ug/l	94
68) o-Xylene	12.400	106	135580	19.251	ug/l	95
69) Styrene	12.412	104	229470	19.132	ug/l	97
70) Isopropylbenzene	12.700	105	347587	19.131	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	97782	20.603	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	79442m	18.080	ug/l	
73) Bromobenzene	12.982	156	86695	19.257	ug/l	93
74) n-propylbenzene	13.041	91	407052	18.717	ug/l	99
75) 2-Chlorotoluene	13.129	91	254861	19.670	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	296683	19.239	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	32391	17.801	ug/l	94
78) 4-Chlorotoluene	13.224	91	251864	19.599	ug/l	93
79) tert-butylbenzene	13.441	119	249317	19.004	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	298105	19.384	ug/l	98
81) sec-Butylbenzene	13.618	105	358769	18.962	ug/l	98
82) p-Isopropyltoluene	13.729	119	306834	19.336	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	164820	19.590	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	161926	19.882	ug/l	97
85) n-Butylbenzene	14.059	91	249151	18.641	ug/l	98
86) Hexachloroethane	14.335	117	58353	19.249	ug/l	83
87) 1,2-Dichlorobenzene	14.106	146	158742	19.821	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	20329	19.648	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	81397	18.543	ug/l	98
90) Hexachlorobutadiene	15.500	225	32887	18.695	ug/l	96
91) Naphthalene	15.641	128	260115	18.431	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	81397	18.543	ug/l	98

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

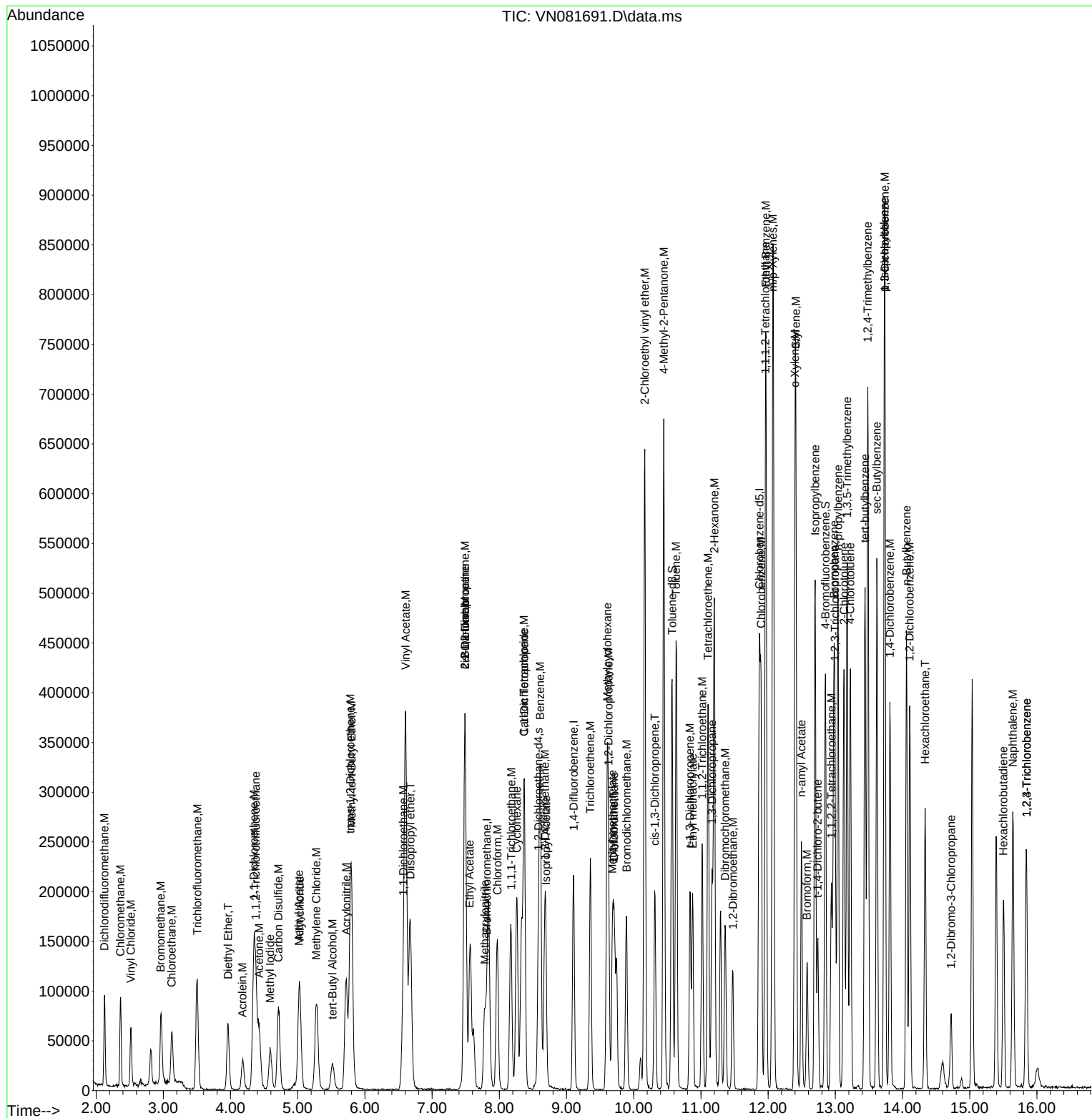
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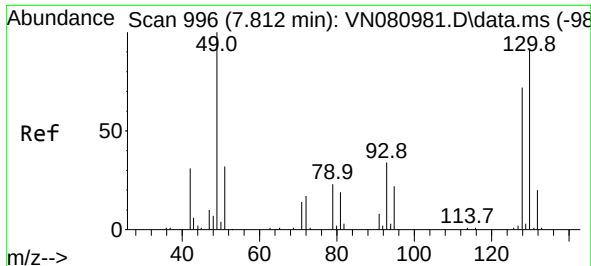
Instrument :
 MSVOA_N
 ClientSampleId :
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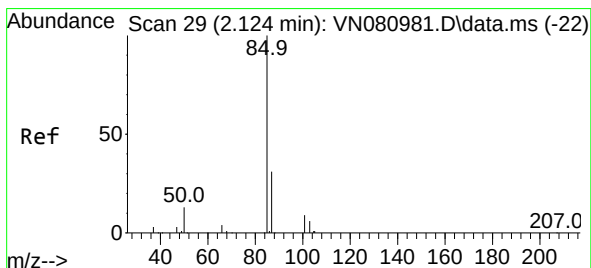
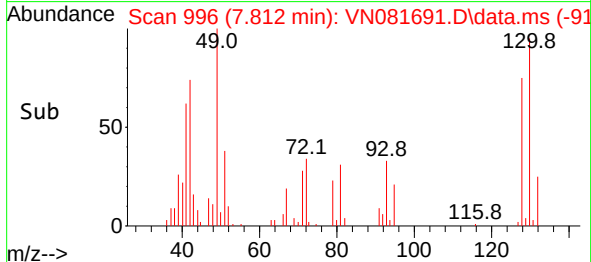
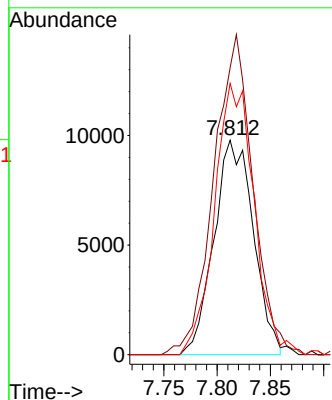
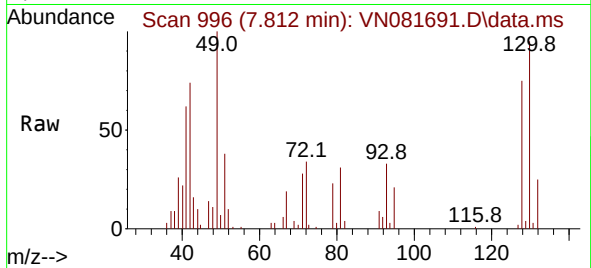
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 2520
Ion Ratio Lower Upper
128 100
49 148.5 0.0 403.7
130 124.9 0.0 323.3

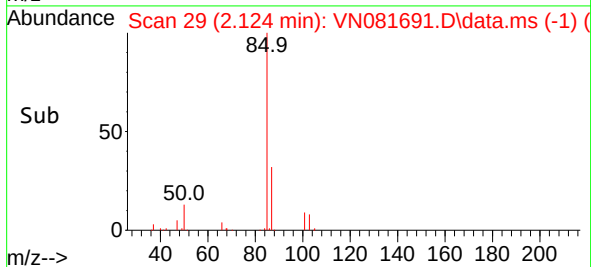
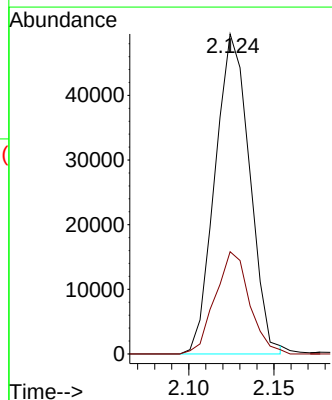
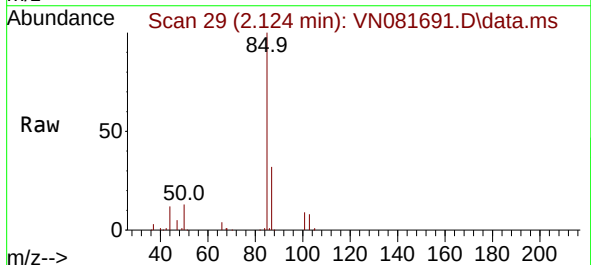
Manual Integrations
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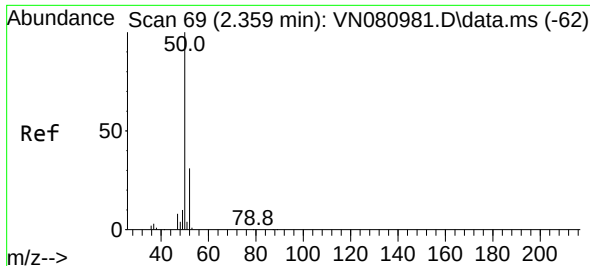
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#2
Dichlorodifluoromethane
Concen: 19.844 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion: 85 Resp: 69893
Ion Ratio Lower Upper
85 100
87 32.0 16.8 50.3





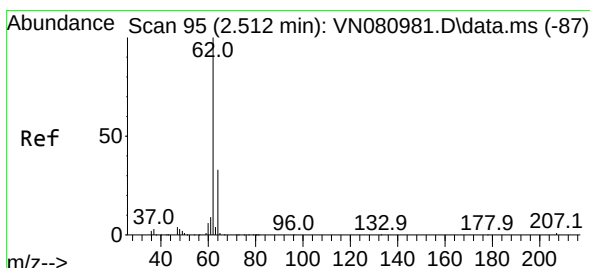
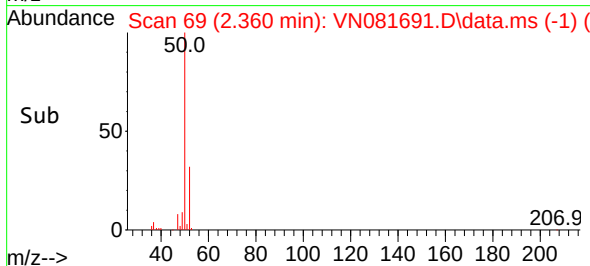
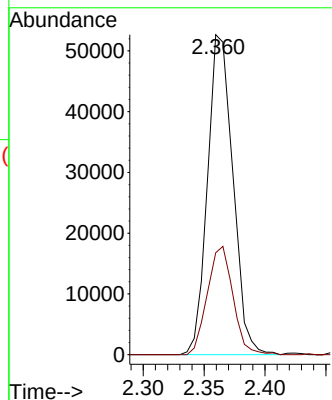
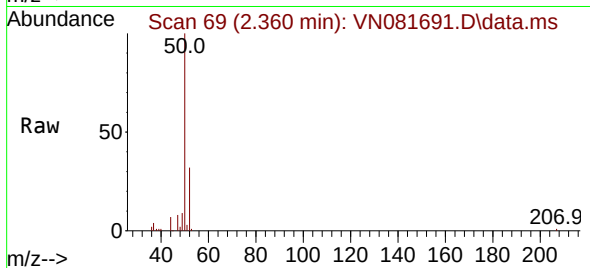
#3
Chloromethane
Concen: 25.051 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 76552
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

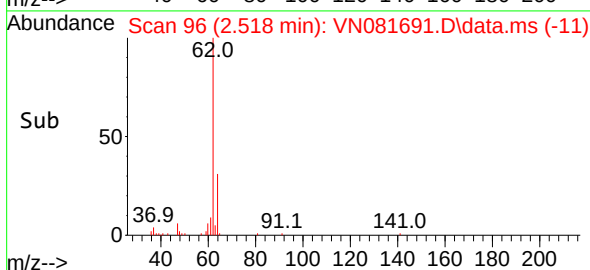
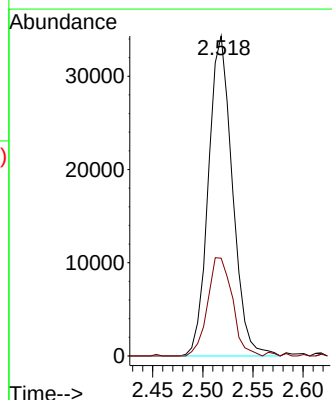
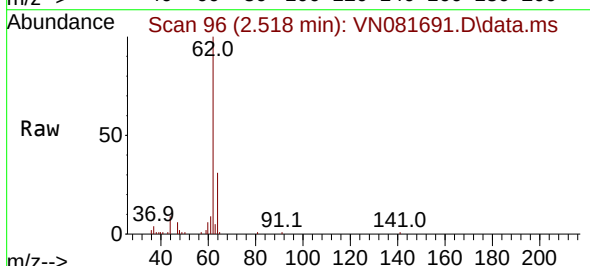
Manual Integrations
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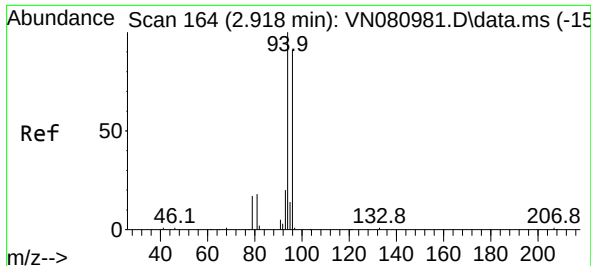
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#4
Vinyl Chloride
Concen: 18.240 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

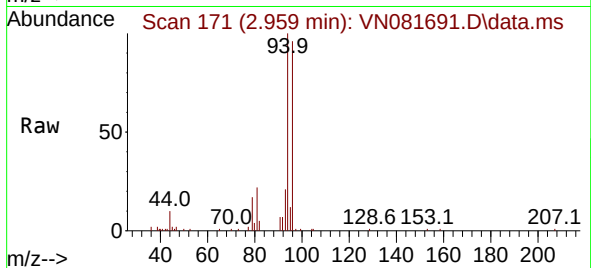
Tgt Ion: 62 Resp: 57315
Ion Ratio Lower Upper
62 100
64 30.5 24.1 36.1





#5
Bromomethane
Concen: 19.272 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

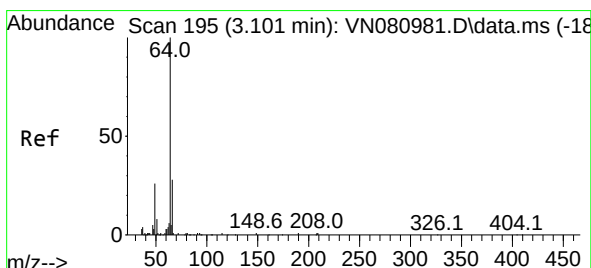
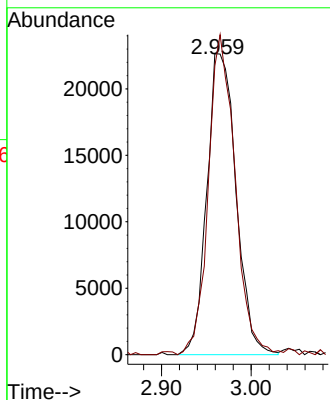
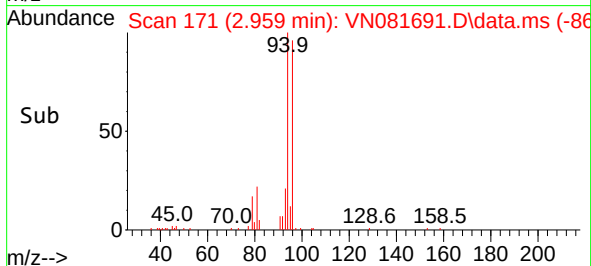
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



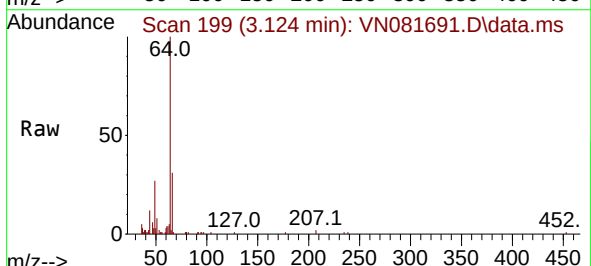
Tgt Ion: 94 Resp: 5128
Ion Ratio Lower Upper
94 100
96 96.0 72.8 109.2

Manual Integrations
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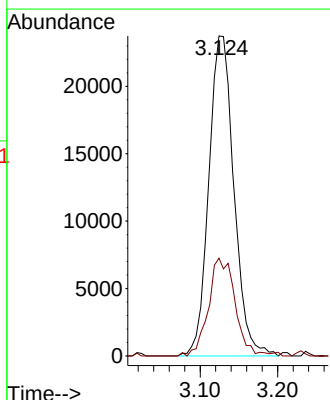
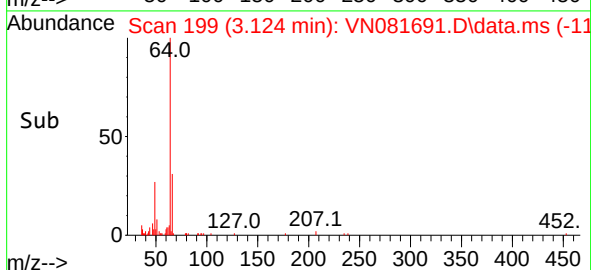
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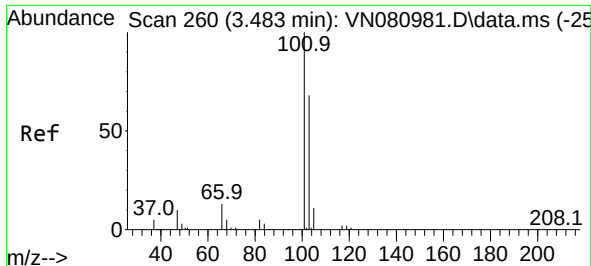


#6
Chloroethane
Concen: 21.758 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



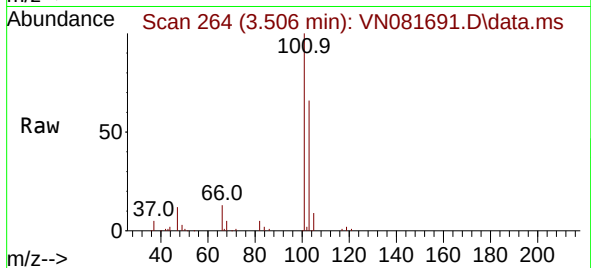
Tgt Ion: 64 Resp: 53512
Ion Ratio Lower Upper
64 100
66 30.5 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 23.726 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

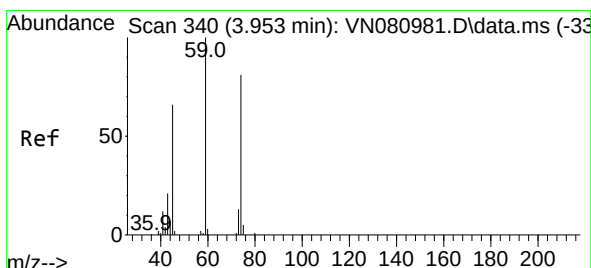
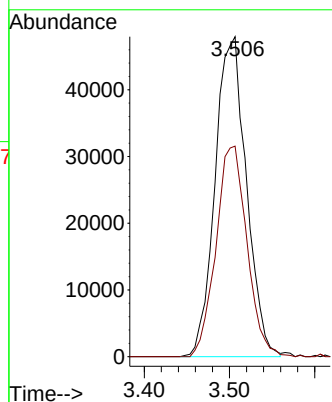
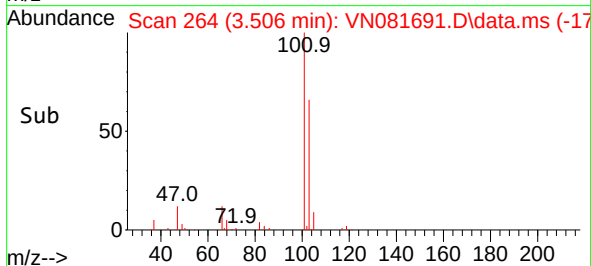
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 122400
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.0 79.4

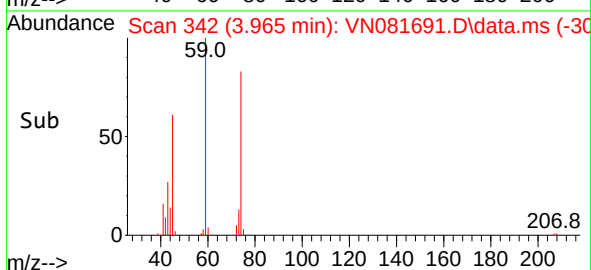
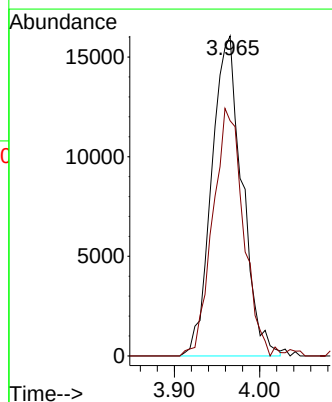
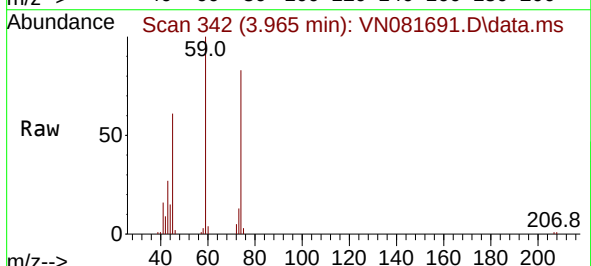
Manual Integrations
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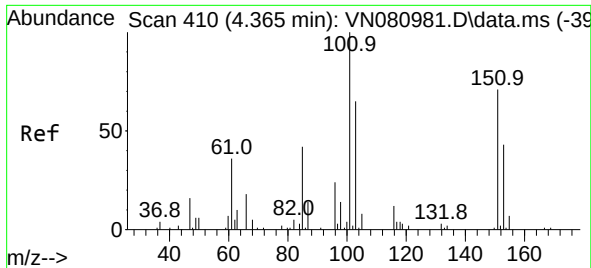
Reviewed By :John Carlone 04/11/2024
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#8
 Diethyl Ether
 Concen: 20.733 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

Tgt Ion: 74 Resp: 39892
 Ion Ratio Lower Upper
 74 100
 45 76.9 16.4 147.4





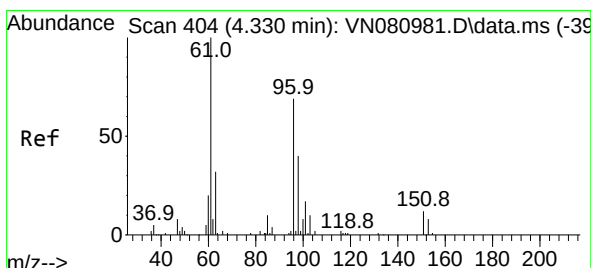
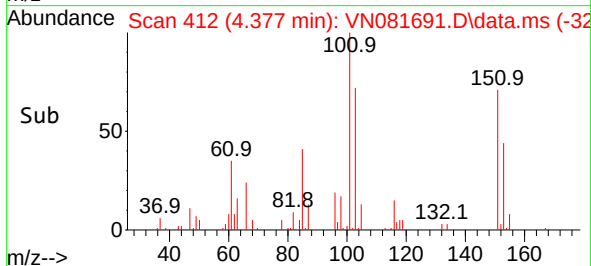
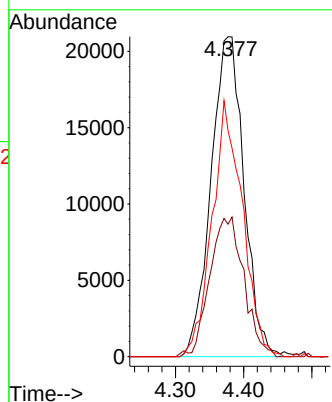
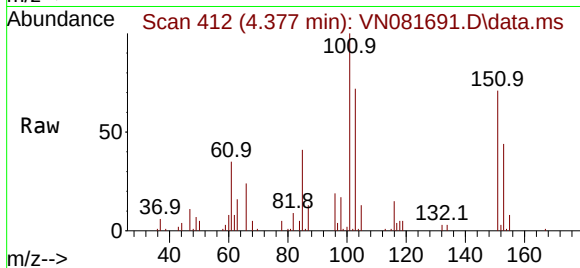
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.878 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

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Tgt Ion:101 Resp: 7035
Ion Ratio Lower Upper
101 100
85 44.9 0.0 90.6
151 73.8 0.0 157.6

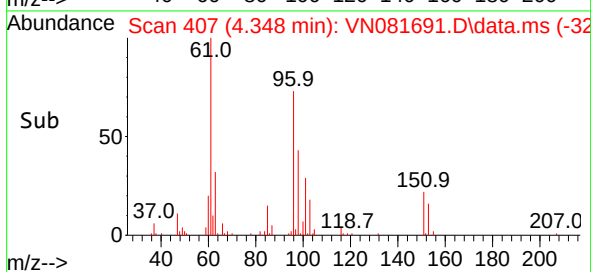
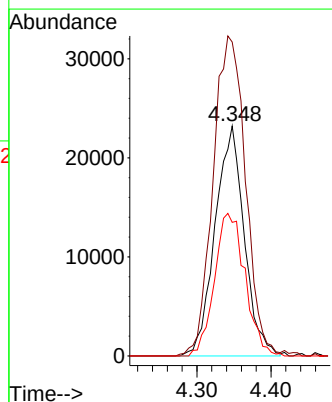
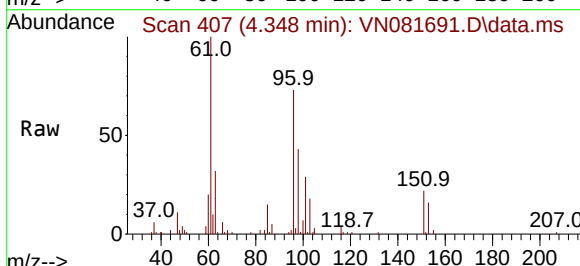
Manual Integrations
APPROVED

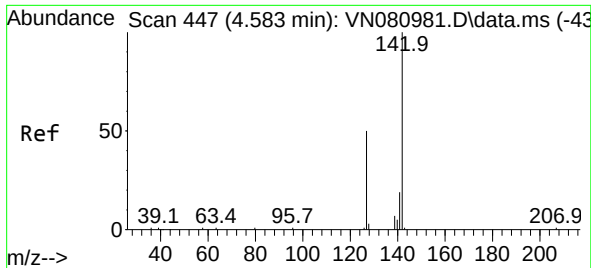
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#10
1,1-Dichloroethene
Concen: 19.541 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

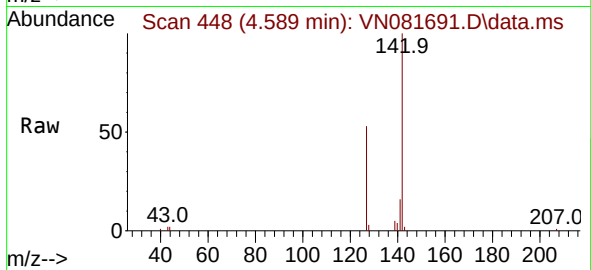
Tgt Ion: 96 Resp: 63431
Ion Ratio Lower Upper
96 100
61 135.7 117.6 176.4
98 58.1 48.4 72.6





#11
Methyl Iodide
Concen: 19.356 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

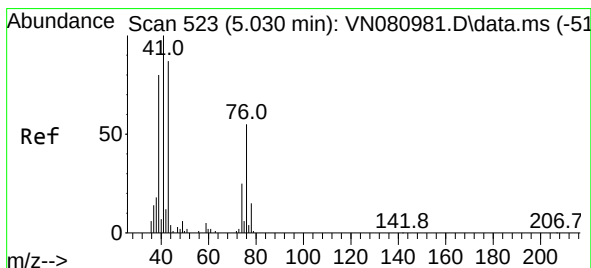
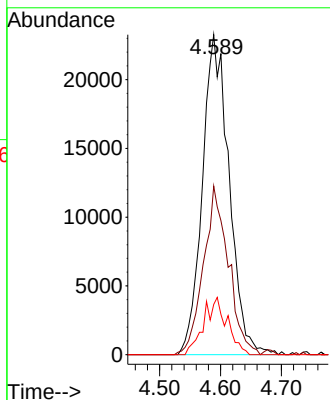
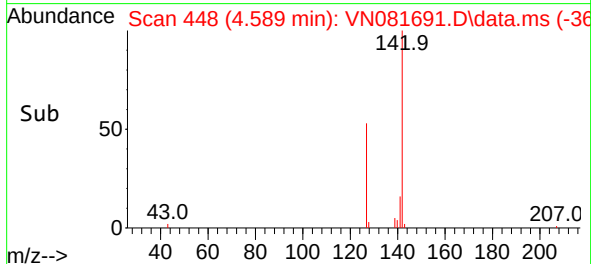
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 7115
Ion Ratio Lower Upper
142 100
127 52.3 26.3 78.9
141 15.7 8.3 24.9

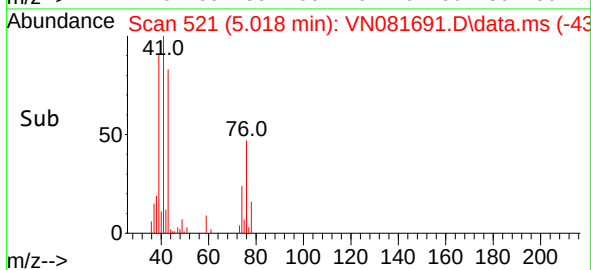
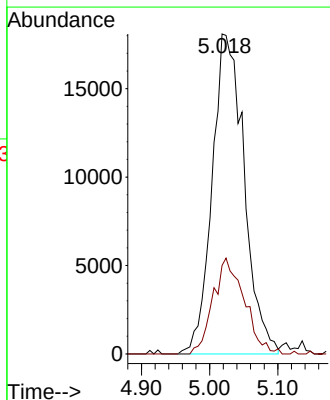
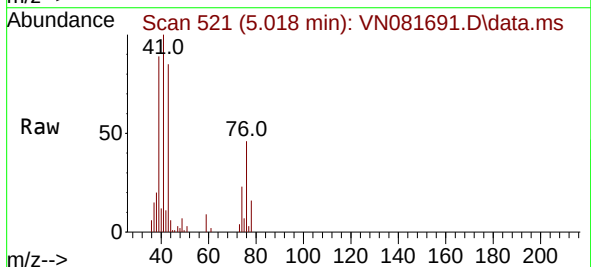
Manual Integrations
APPROVED

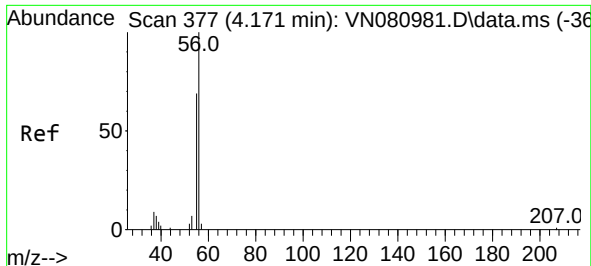
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#12
Methyl Acetate
Concen: 19.802 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

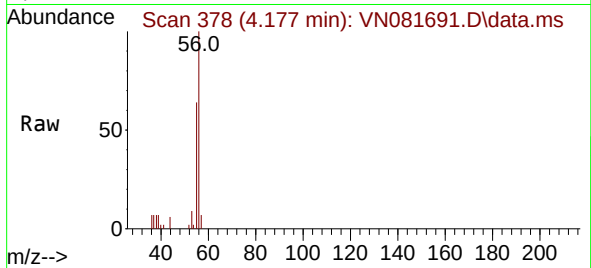
Tgt Ion: 43 Resp: 59021
Ion Ratio Lower Upper
43 100
74 27.0 27.7 41.5#





#13
Acrolein
Concen: 97.975 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

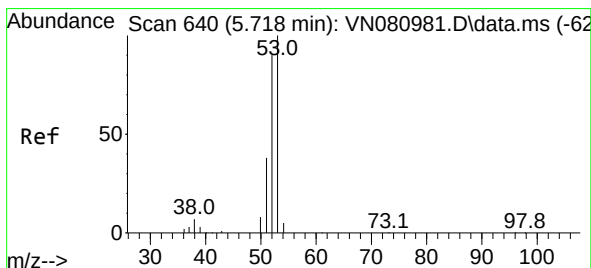
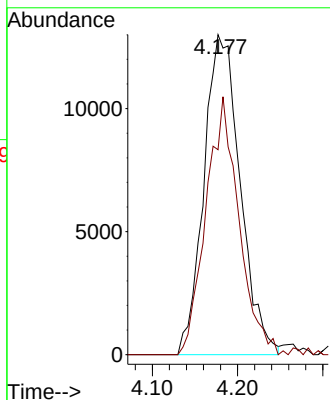
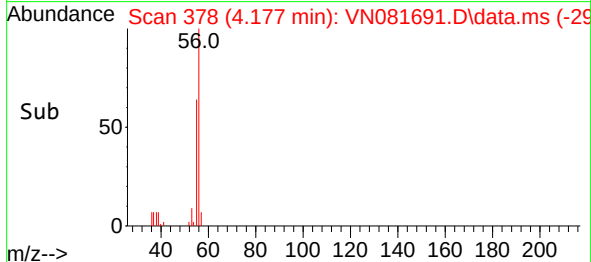
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



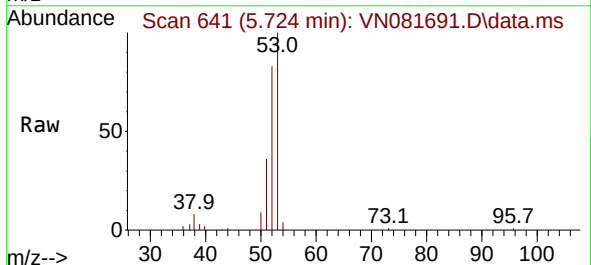
Tgt Ion: 56 Resp: 38460
Ion Ratio Lower Upper
56 100
55 72.8 55.5 83.3

Manual Integrations
APPROVED

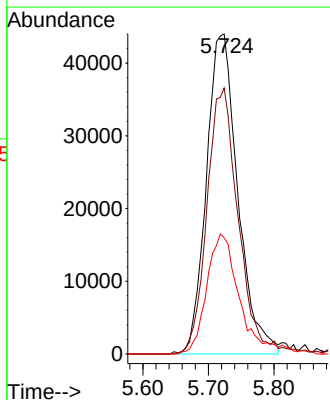
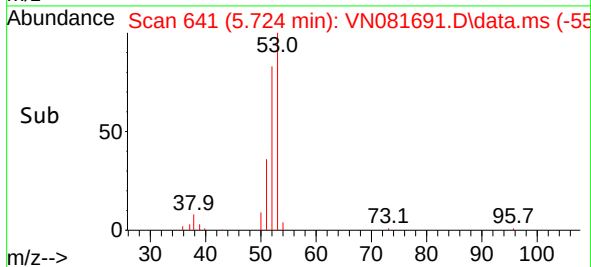
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

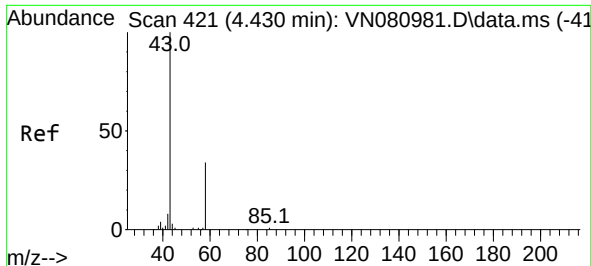


#14
Acrylonitrile
Concen: 98.754 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



Tgt Ion: 53 Resp: 146517
Ion Ratio Lower Upper
53 100
52 81.3 41.3 123.9
51 36.9 16.8 50.3





#15

Acetone

Concen: 104.936 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN081691.D

Acq: 10 Apr 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 3424

Ion Ratio Lower Upper

58 100

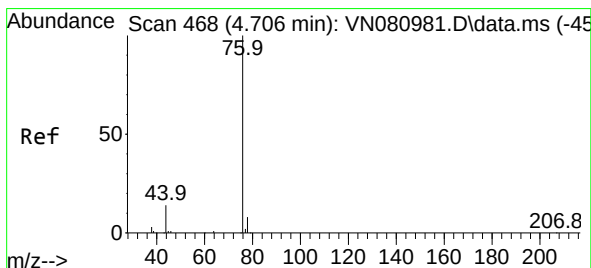
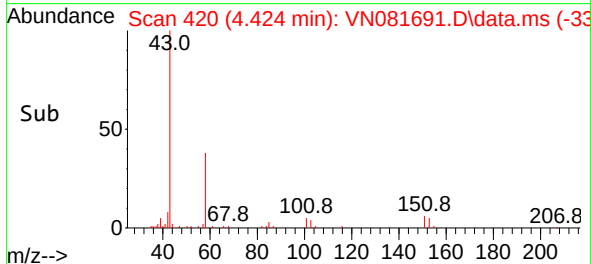
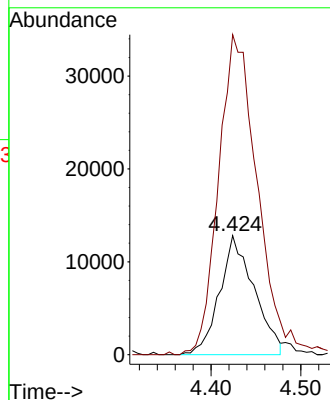
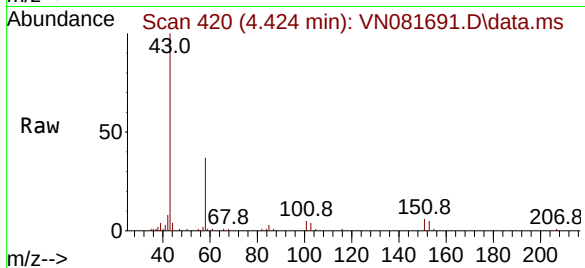
43 268.9 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#16

Carbon Disulfide

Concen: 20.122 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081691.D

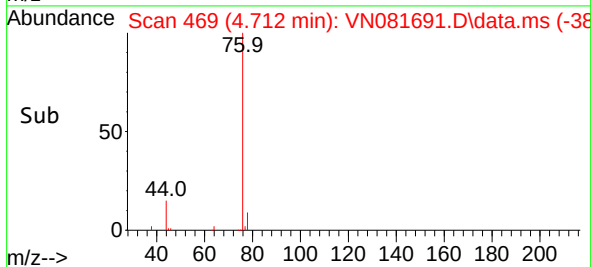
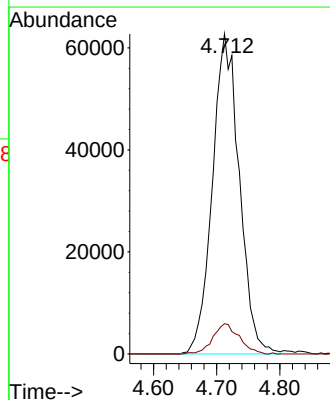
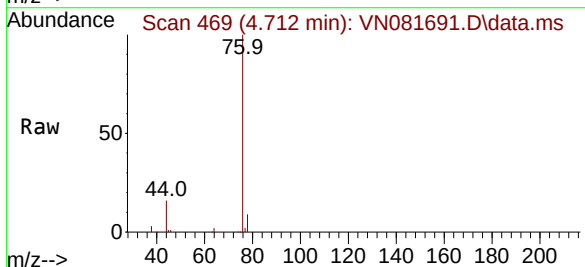
Acq: 10 Apr 2024 19:41

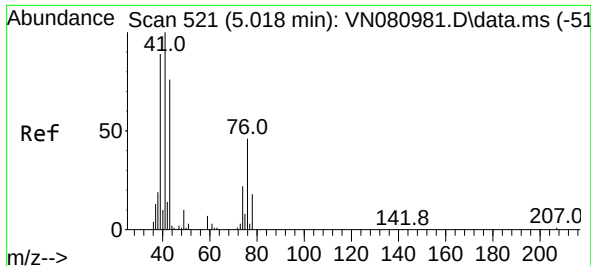
Tgt Ion: 76 Resp: 185729

Ion Ratio Lower Upper

76 100

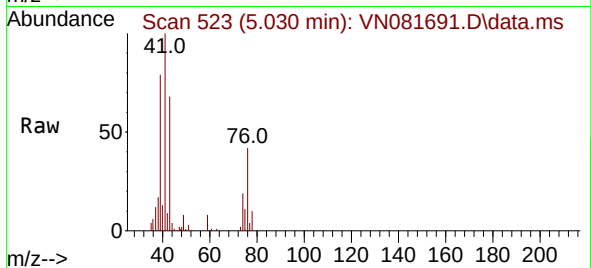
78 9.4 6.3 9.5





#17
 Allyl chloride
 Concen: 19.097 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

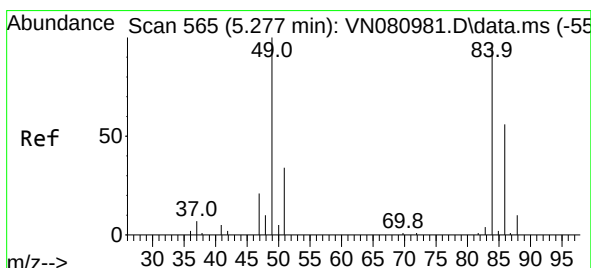
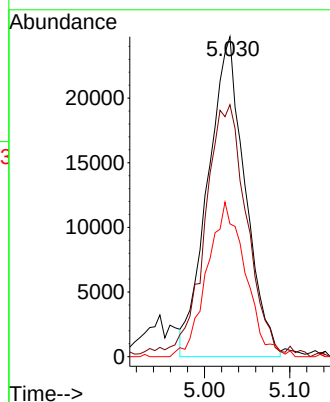
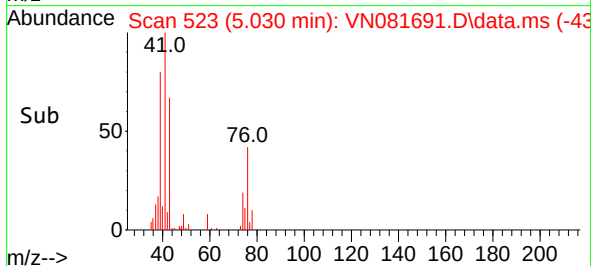
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 7498
 Ion Ratio Lower Upper
 41 100
 39 78.5 37.6 112.9
 76 40.5 27.8 83.4

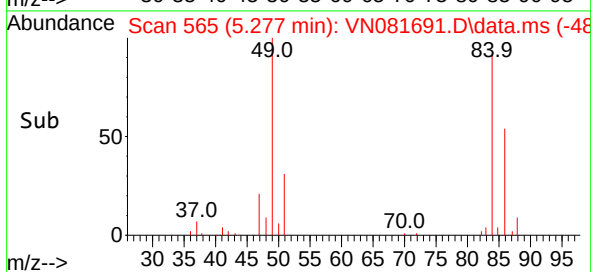
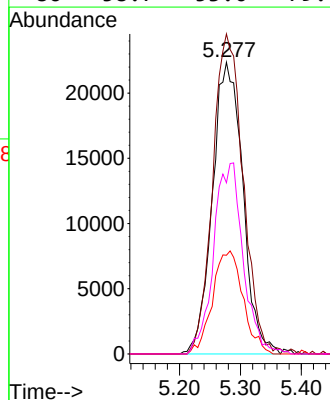
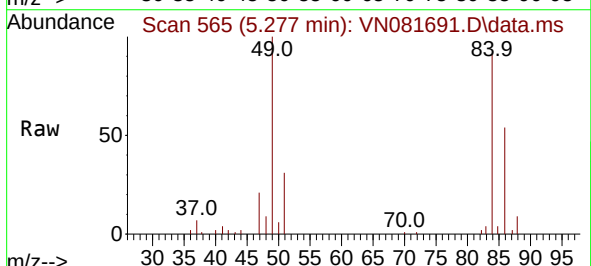
Manual Integrations
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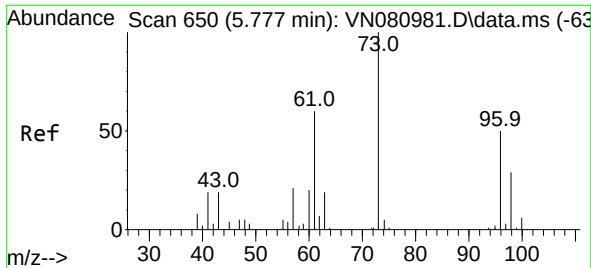
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#18
 Methylene Chloride
 Concen: 20.727 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

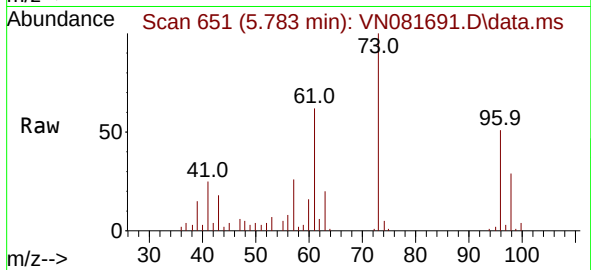
Tgt Ion: 84 Resp: 77469
 Ion Ratio Lower Upper
 84 100
 49 109.7 86.0 129.0
 51 33.9 30.0 45.0
 86 58.7 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 10.788 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

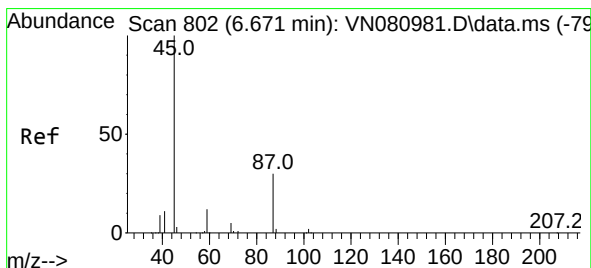
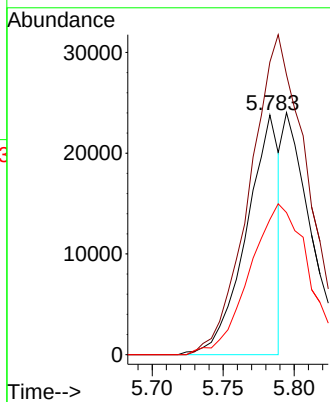
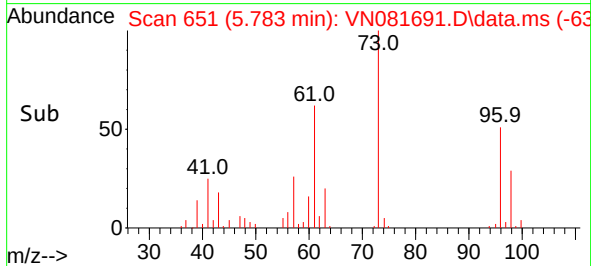
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



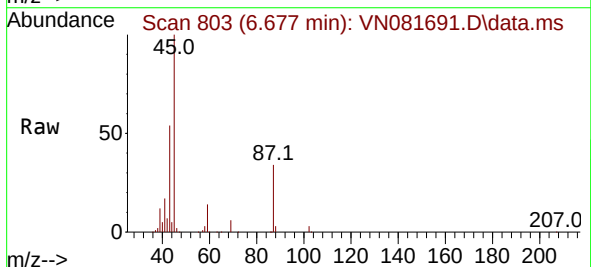
Tgt Ion: 96 Resp: 3840
Ion Ratio Lower Upper
96 100
61 122.1 111.8 167.6
98 56.4 49.2 73.8

Manual Integrations
APPROVED

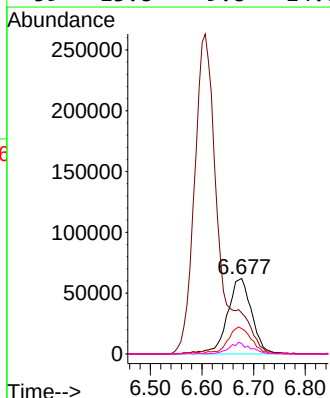
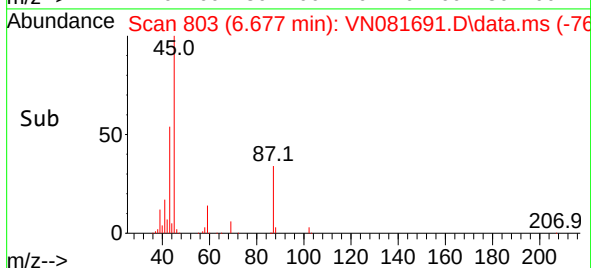
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

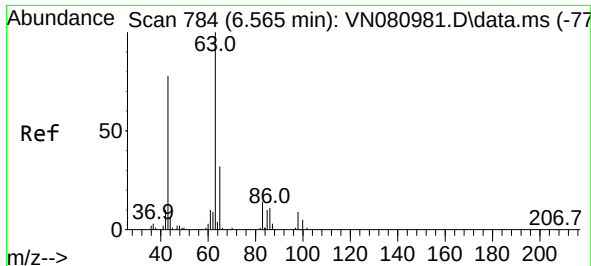


#20
Diisopropyl ether
Concen: 21.664 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



Tgt Ion: 45 Resp: 202523
Ion Ratio Lower Upper
45 100
43 52.2 40.4 60.6
87 33.2 23.8 35.8
59 13.8 9.8 14.6





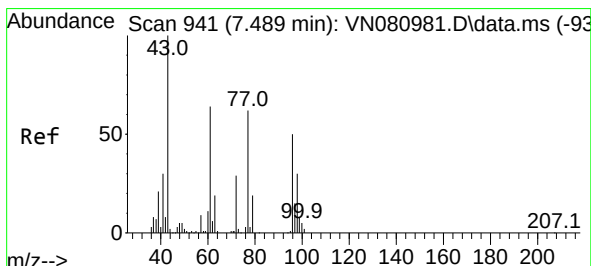
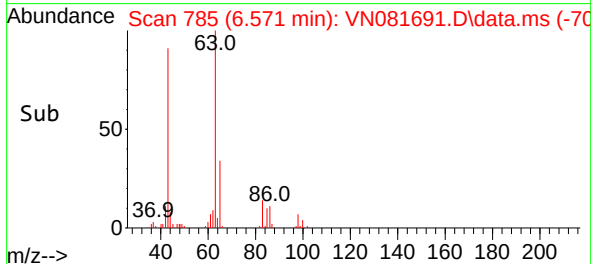
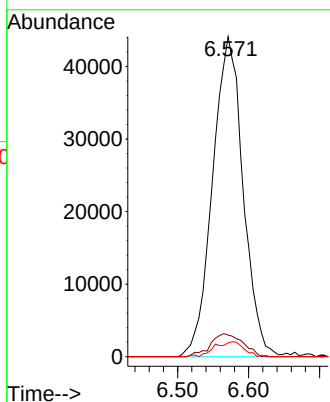
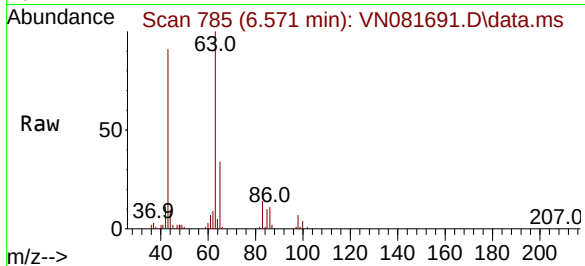
#21
1,1-Dichloroethane
Concen: 21.111 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 13158
Ion Ratio Lower Upper
63 100
98 6.8 4.1 12.3
100 4.3 3.0 9.0

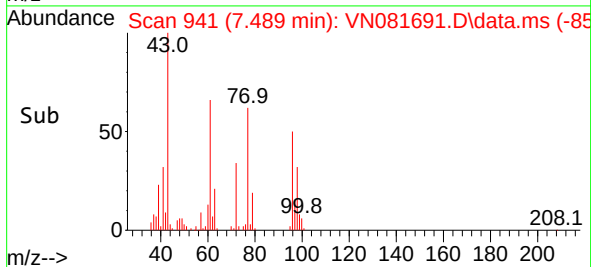
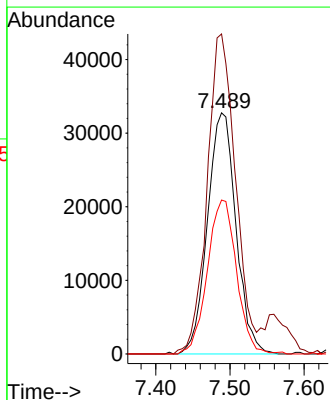
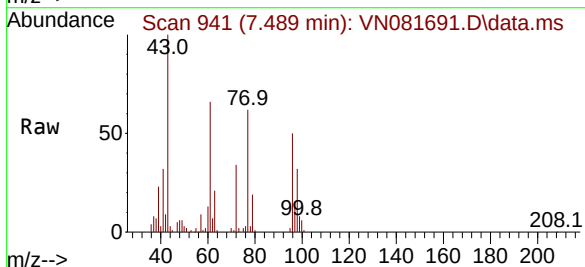
Manual Integrations
APPROVED

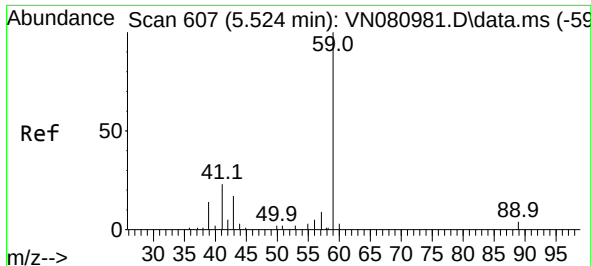
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#22
cis-1,2-Dichloroethene
Concen: 20.423 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

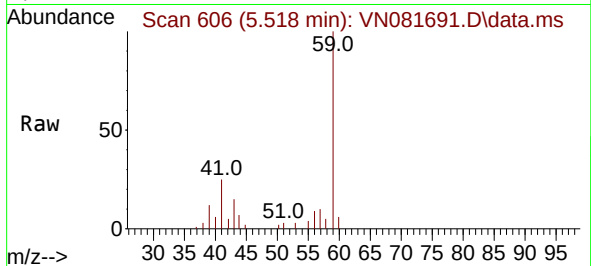
Tgt Ion: 96 Resp: 87787
Ion Ratio Lower Upper
96 100
61 131.2 113.5 170.3
98 64.9 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 81.212 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

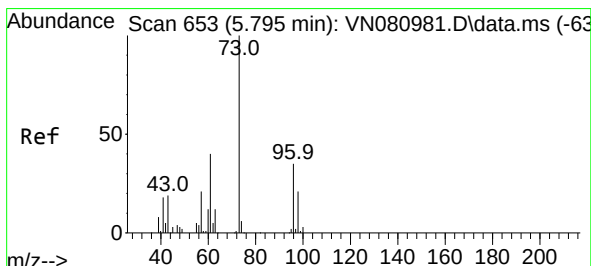
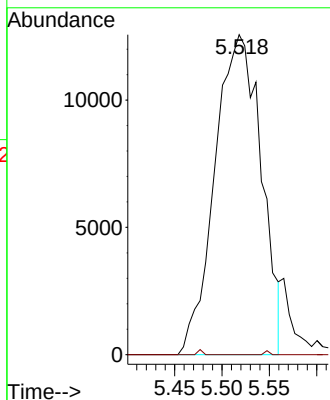
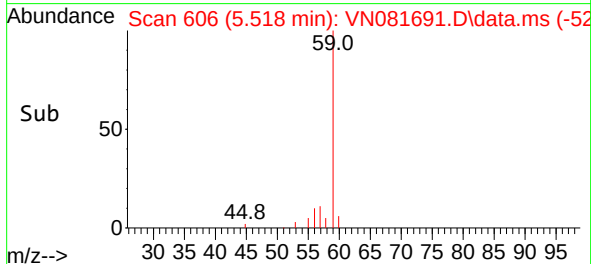
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 4277
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

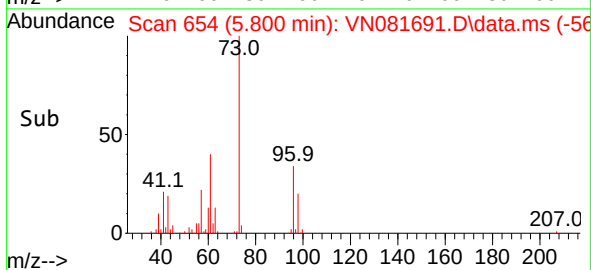
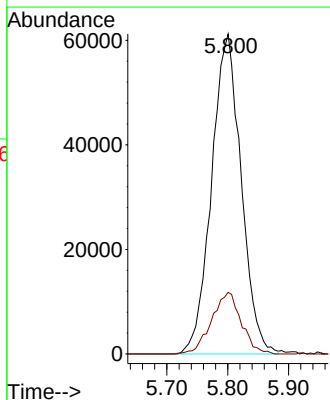
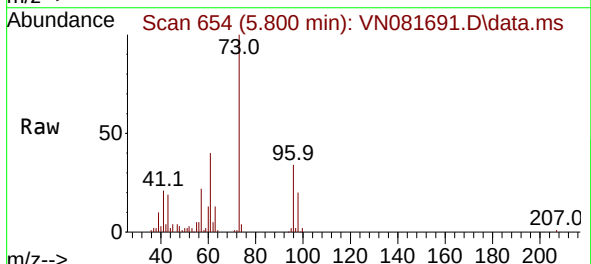
Manual Integrations
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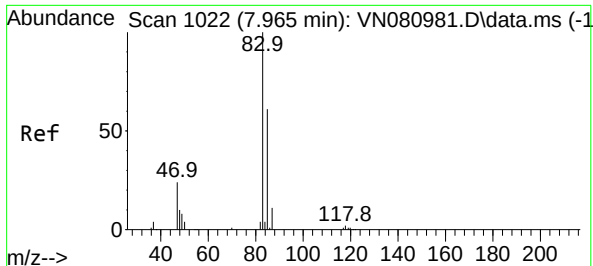
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#24
Methyl tert-Butyl Ether
Concen: 20.360 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion: 73 Resp: 206689
Ion Ratio Lower Upper
73 100
43 19.3 13.4 20.2





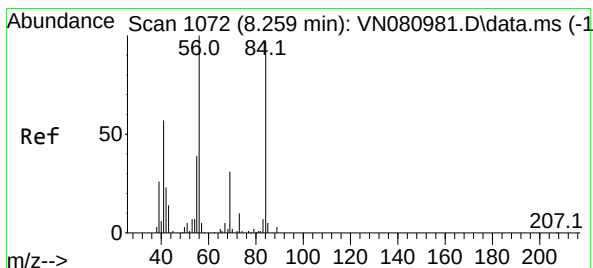
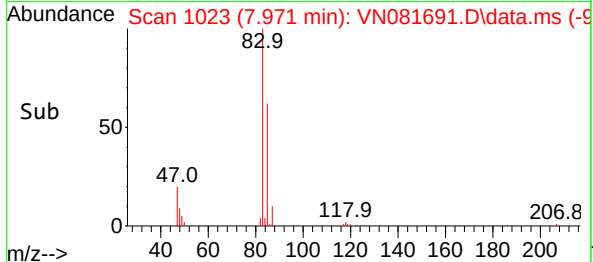
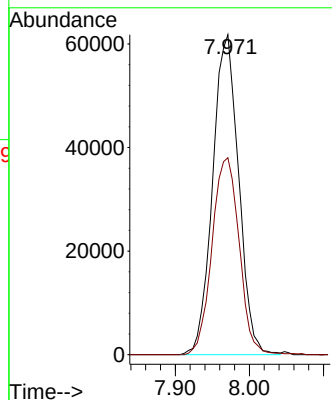
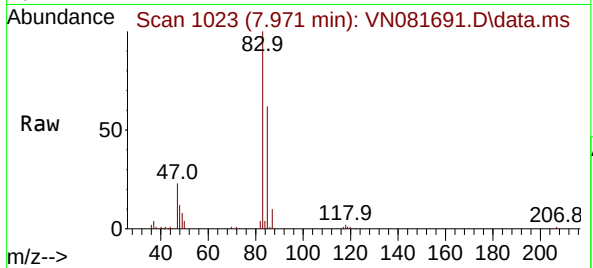
#25
Chloroform
Concen: 21.235 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 150594
Ion Ratio Lower Upper
83 100
85 61.6 50.9 76.3

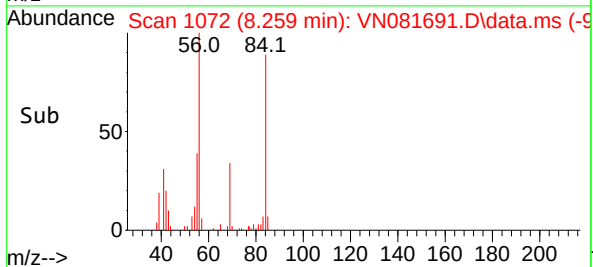
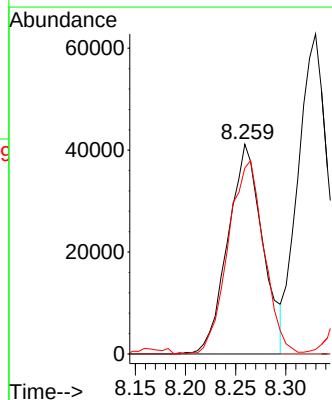
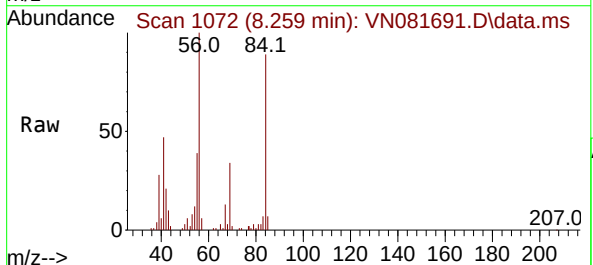
Manual Integrations
APPROVED

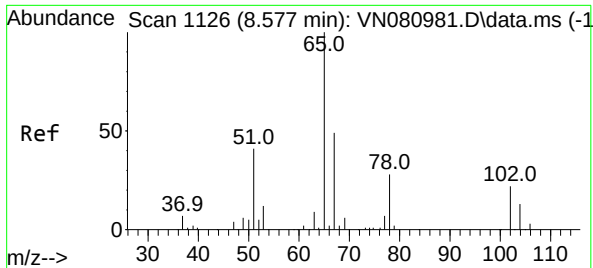
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#26
Cyclohexane
Concen: 19.885 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion: 56 Resp: 99358
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 94.7 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 33.293 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

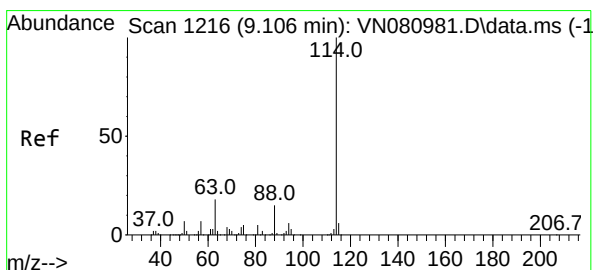
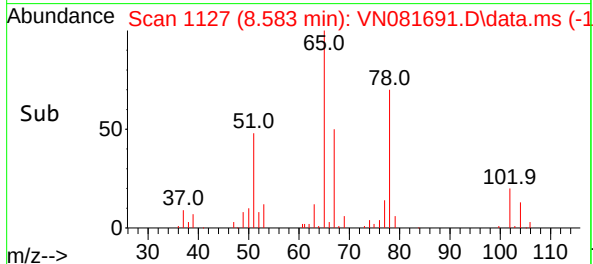
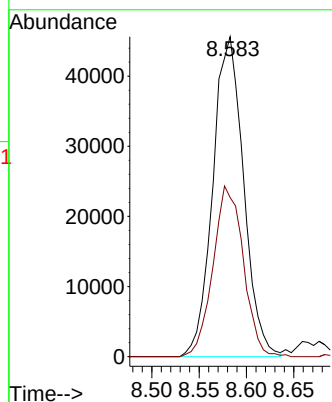
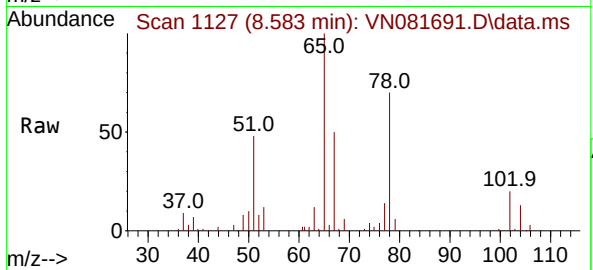
Tgt Ion: 65 Resp: 103090
Ion Ratio Lower Upper
65 100
67 52.5 43.2 64.8

Manual Integrations

APPROVED

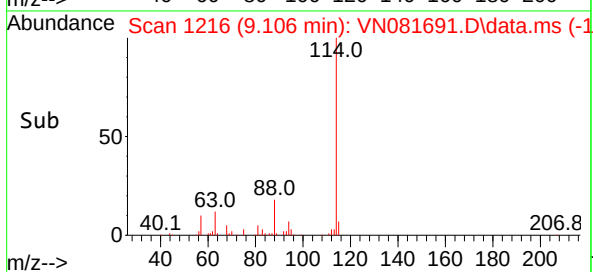
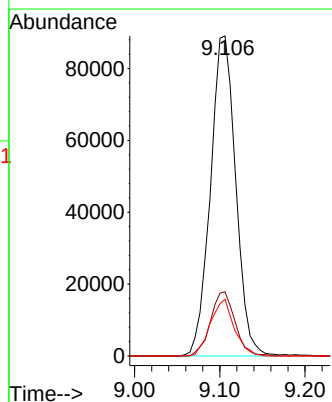
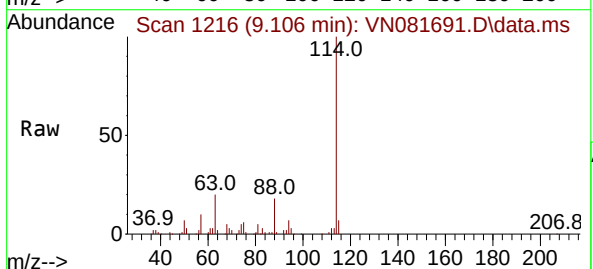
Reviewed By :John Carlone 04/11/2024

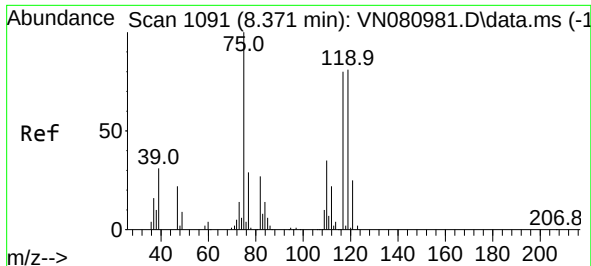
Supervised By :Mahesh Dadoda 04/11/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion:114 Resp: 183867
Ion Ratio Lower Upper
114 100
63 19.3 15.9 23.9
88 16.7 12.7 19.1





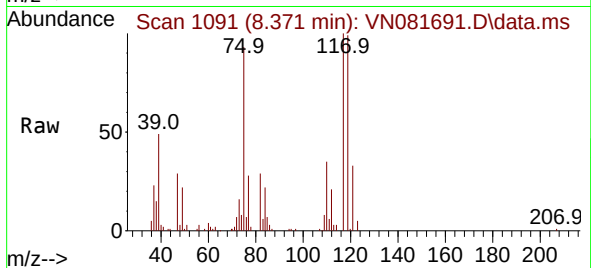
#29
1,1-Dichloropropene
Concen: 19.182 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



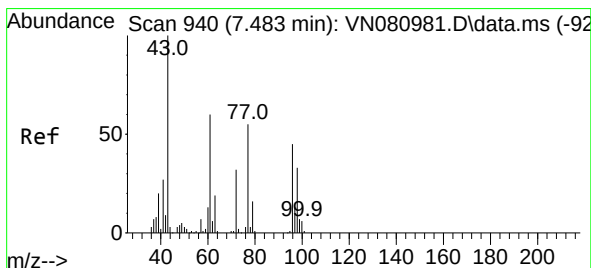
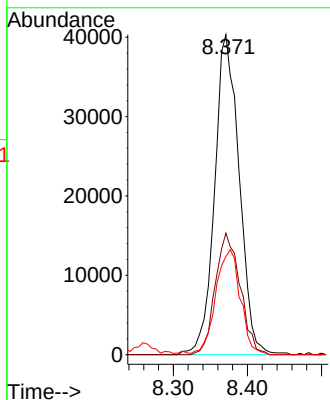
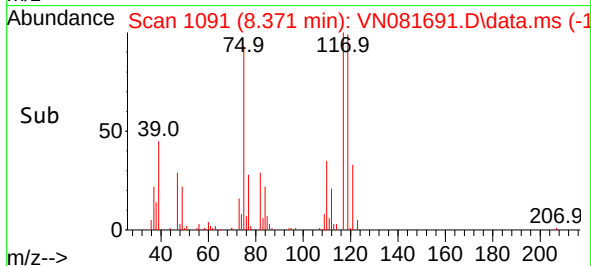
Tgt Ion: 75 Resp: 92720
Ion Ratio Lower Upper
75 100
110 38.4 0.0 70.2
77 33.0 0.0 61.4

Manual Integrations

APPROVED

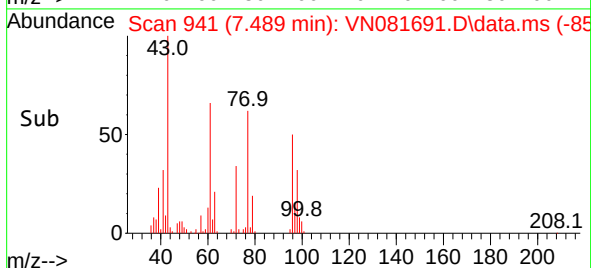
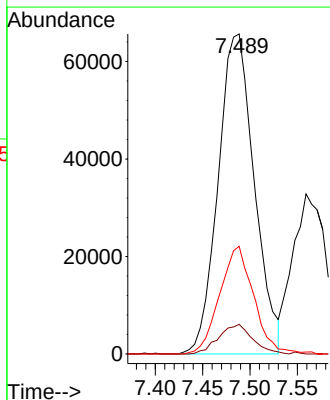
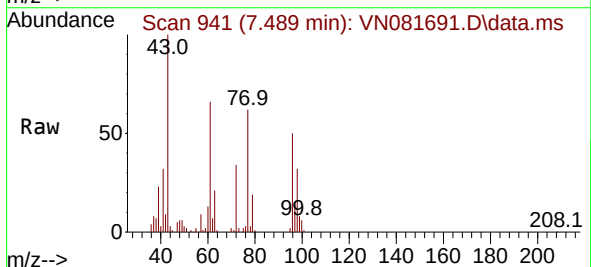
Reviewed By :John Carlone 04/11/2024

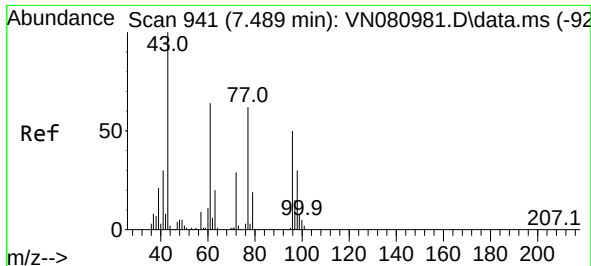
Supervised By :Mahesh Dadoda 04/11/2024



#30
2-Butanone
Concen: 94.614 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

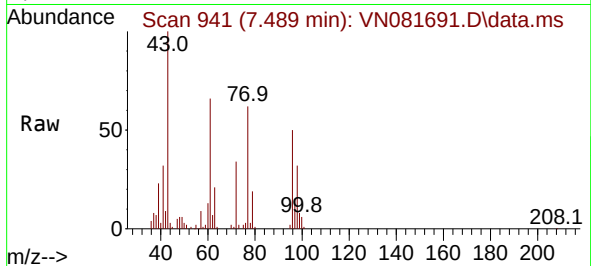
Tgt Ion: 43 Resp: 174668
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 31.5 24.0 36.0





#31
2,2-Dichloropropane
Concen: 18.183 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

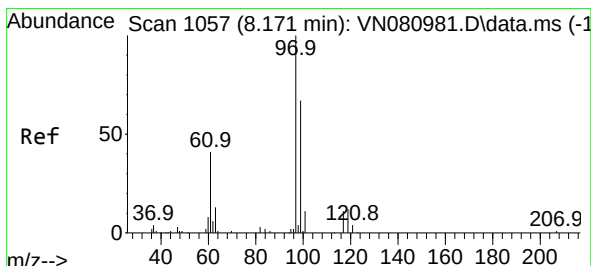
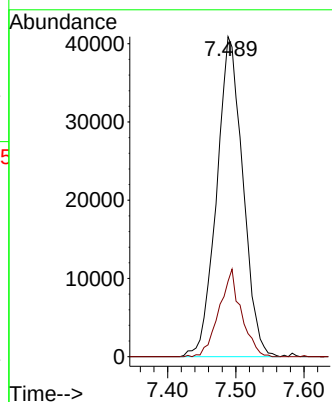
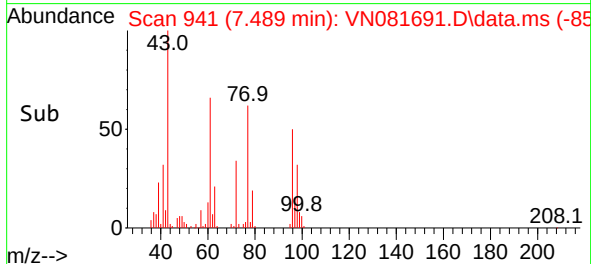
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



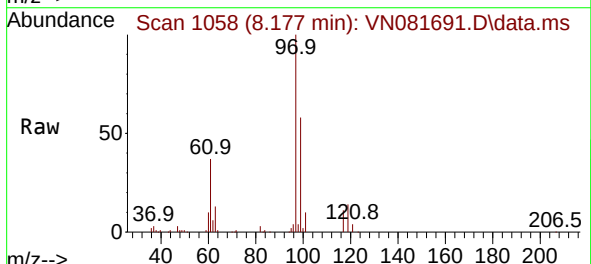
Tgt Ion: 77 Resp: 109480
Ion Ratio Lower Upper
77 100
97 23.0 18.3 27.5

Manual Integrations
APPROVED

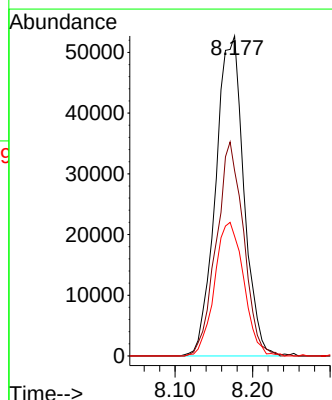
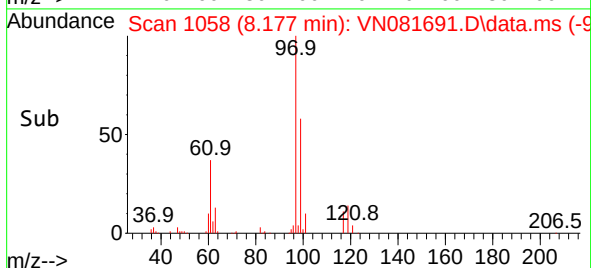
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

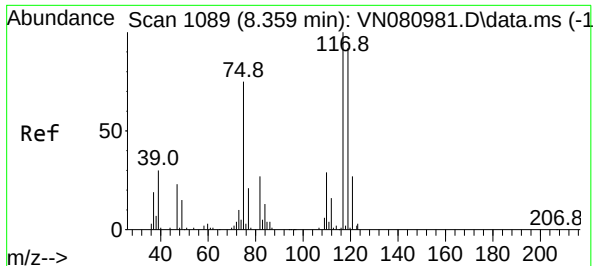


#32
1,1,1-Trichloroethane
Concen: 19.997 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



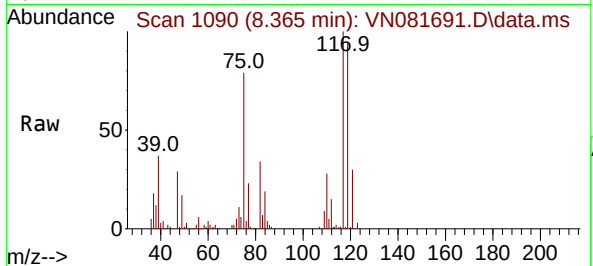
Tgt Ion: 97 Resp: 133225
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 43.0 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.339 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

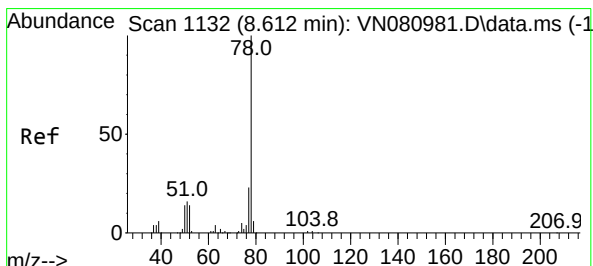
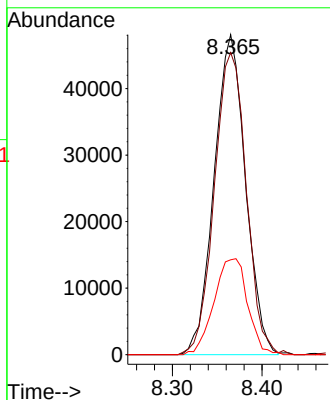
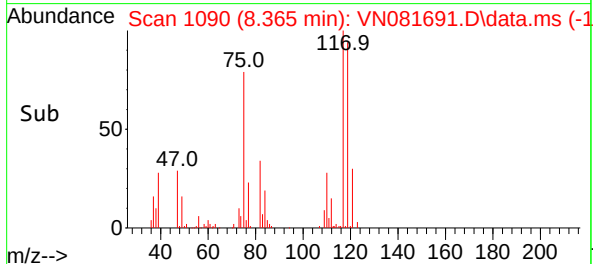
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 11678
Ion Ratio Lower Upper
117 100
119 94.4 77.7 116.5
121 29.6 27.0 40.6

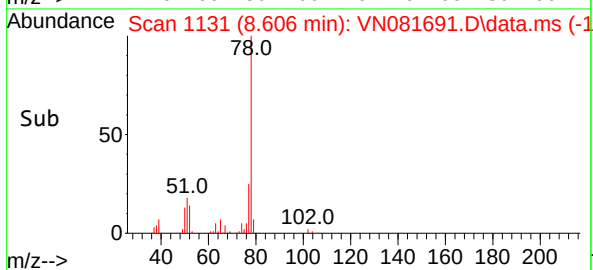
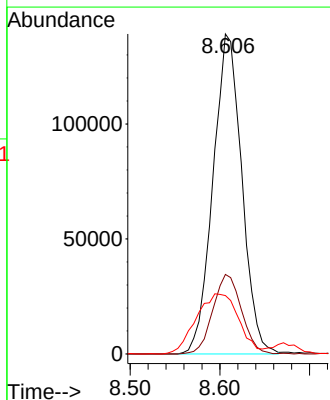
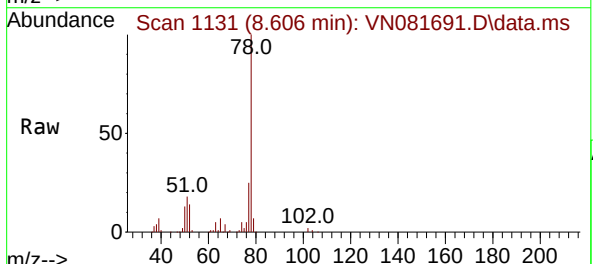
Manual Integrations
APPROVED

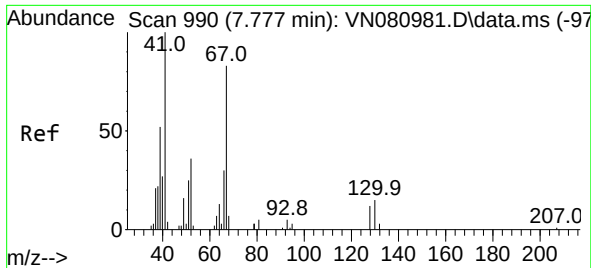
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#34
Benzene
Concen: 19.919 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

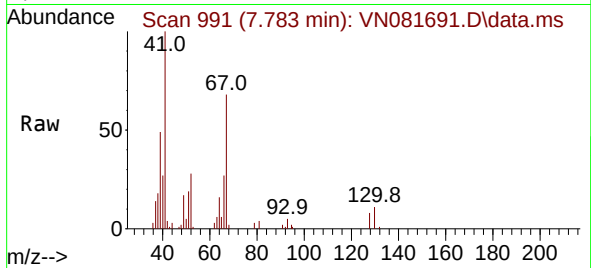
Tgt Ion: 78 Resp: 310170
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8
51 16.5 13.3 19.9





#35
Methacrylonitrile
Concen: 19.913 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

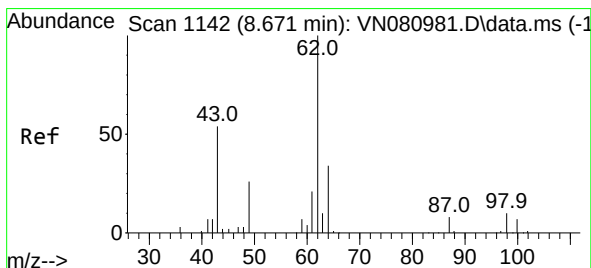
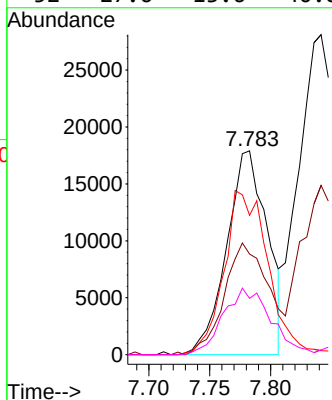
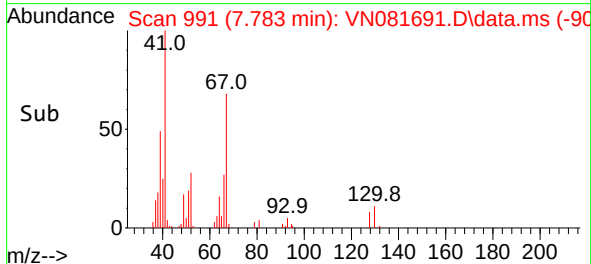
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 41639
Ion Ratio Lower Upper
41 100
39 48.1 25.3 75.9
67 68.3 38.7 116.1
52 27.6 13.6 40.8

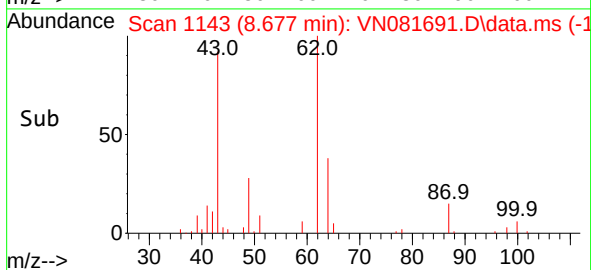
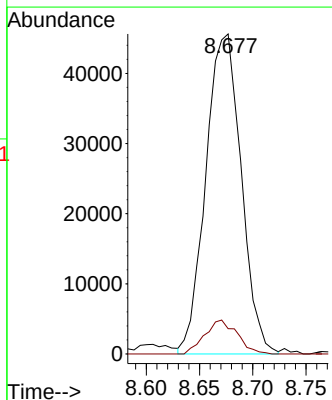
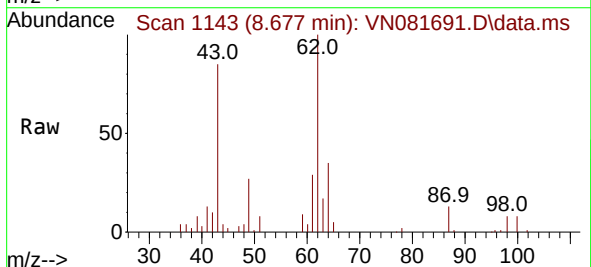
Manual Integrations
APPROVED

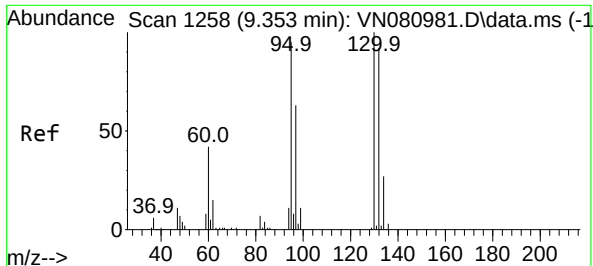
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#36
1,2-Dichloroethane
Concen: 20.648 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion: 62 Resp: 105462
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.4





#37

Trichloroethene

Concen: 19.848 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081691.D

Acq: 10 Apr 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 8178

Ion Ratio Lower Upper

130 100

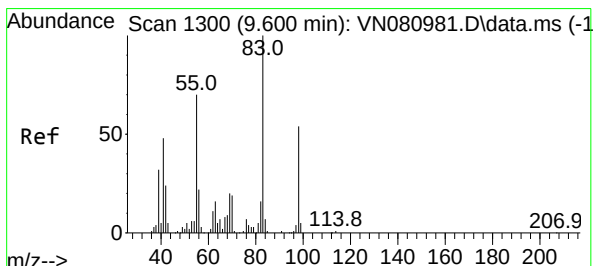
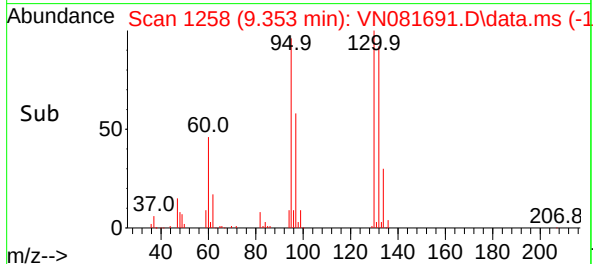
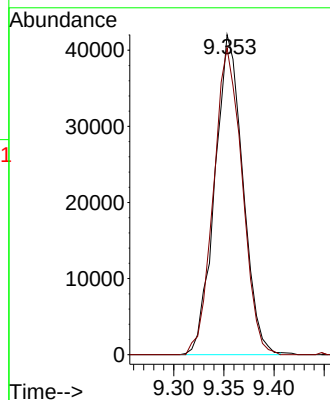
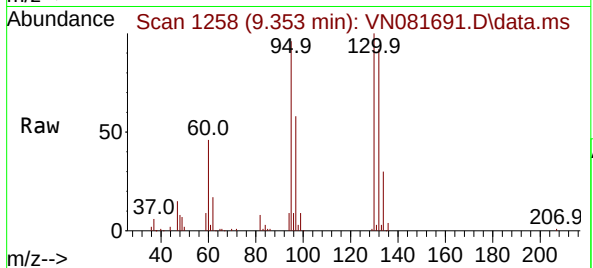
95 95.9 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#38

Methylcyclohexane

Concen: 17.860 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN081691.D

Acq: 10 Apr 2024 19:41

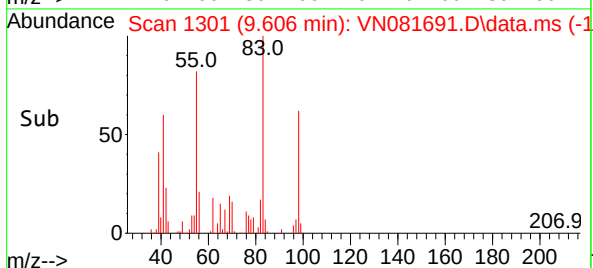
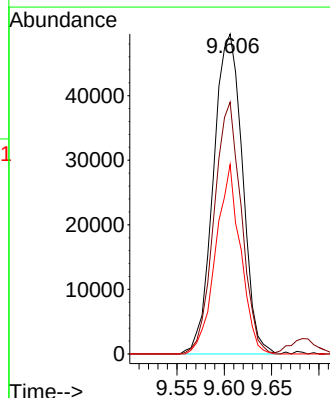
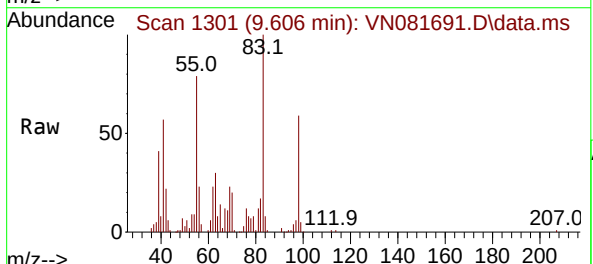
Tgt Ion: 83 Resp: 105522

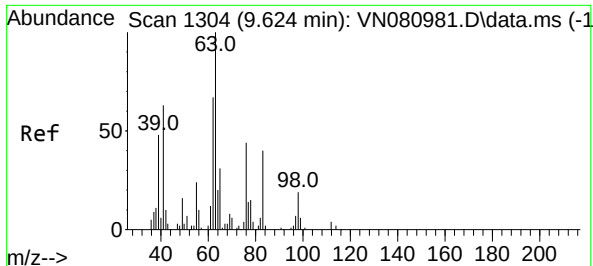
Ion Ratio Lower Upper

83 100

55 74.2 36.6 109.9

98 50.9 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.021 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081691.D

Acq: 10 Apr 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 72734

Ion Ratio Lower Upper

63 100

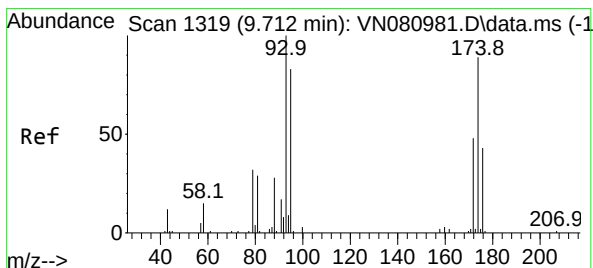
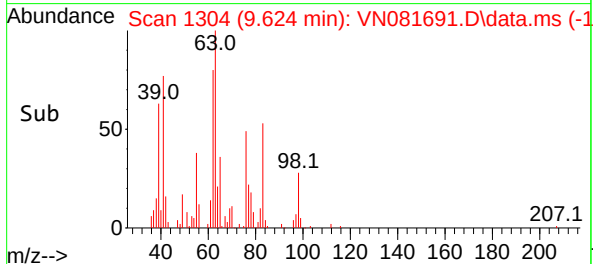
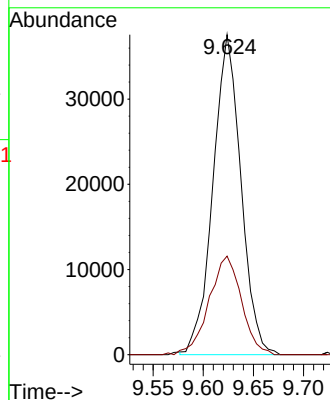
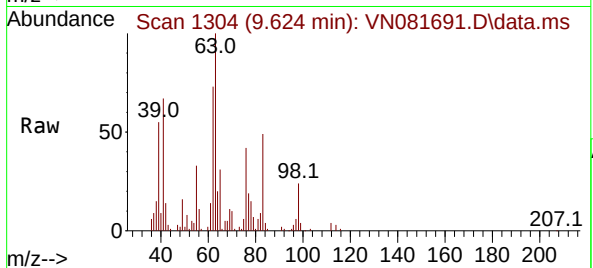
65 30.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#40

Dibromomethane

Concen: 20.821 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081691.D

Acq: 10 Apr 2024 19:41

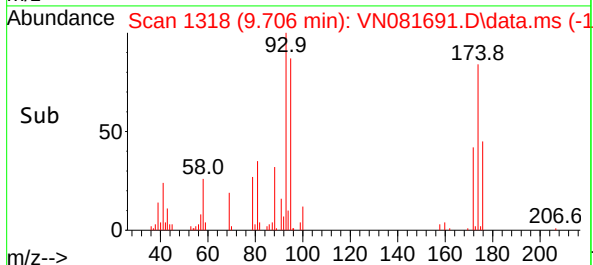
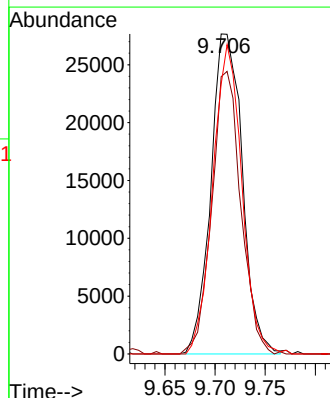
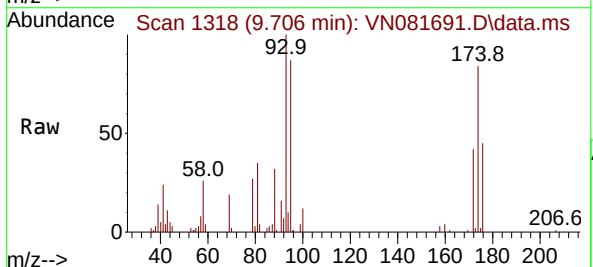
Tgt Ion: 93 Resp: 60251

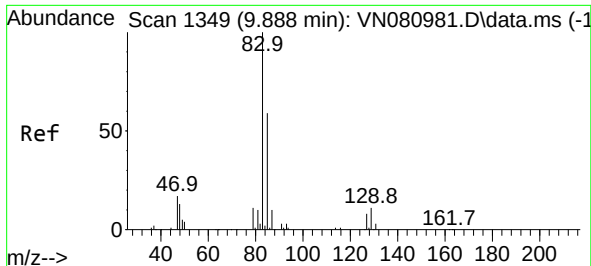
Ion Ratio Lower Upper

93 100

95 81.7 0.0 164.6

174 89.4 0.0 193.2





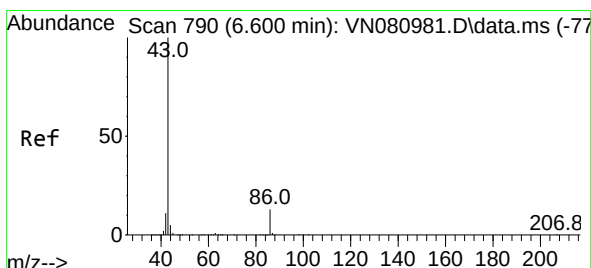
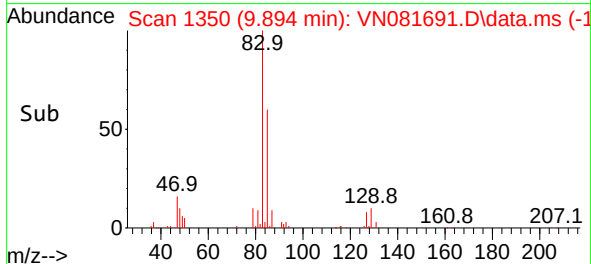
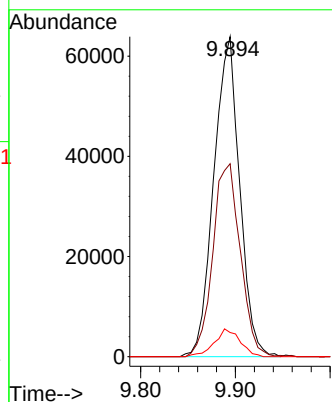
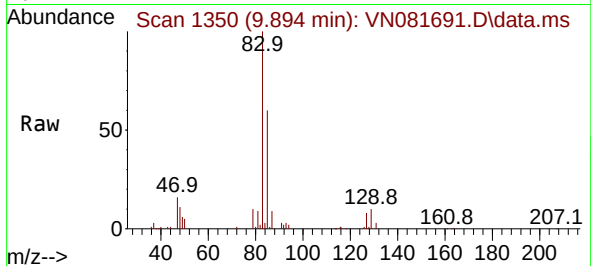
#41
Bromodichloromethane
Concen: 20.503 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 120988
Ion Ratio Lower Upper
83 100
85 60.3 49.4 74.2
127 7.5 7.3 10.9

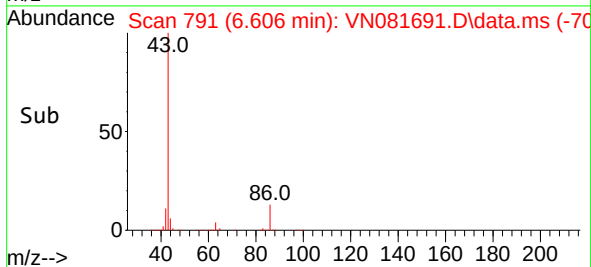
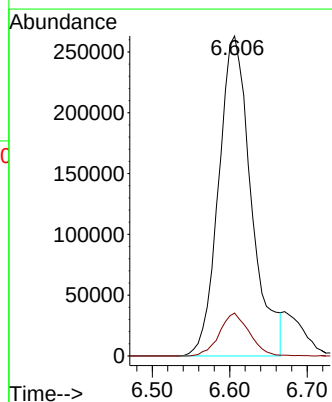
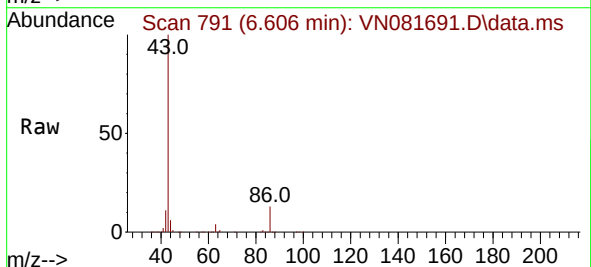
Manual Integrations
APPROVED

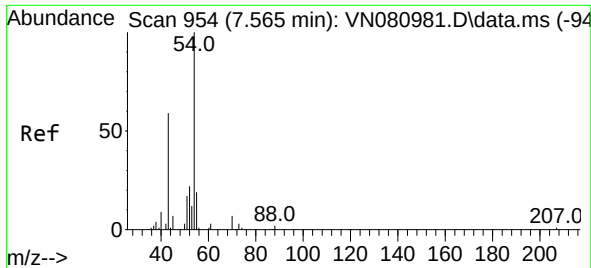
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#42
Vinyl Acetate
Concen: 100.320 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

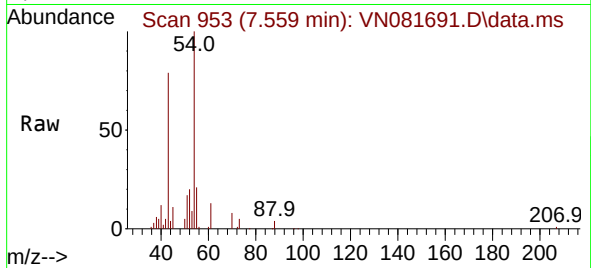
Tgt Ion: 43 Resp: 771510
Ion Ratio Lower Upper
43 100
86 12.3 9.4 14.2





#43
Ethyl Acetate
Concen: 20.941 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

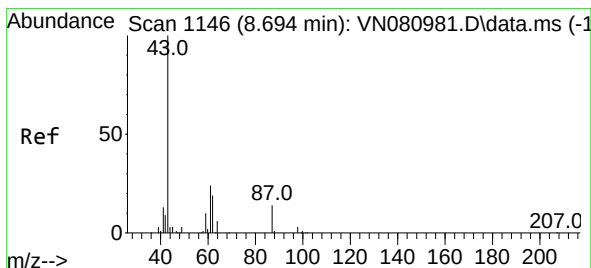
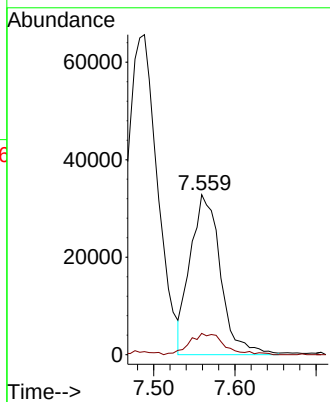
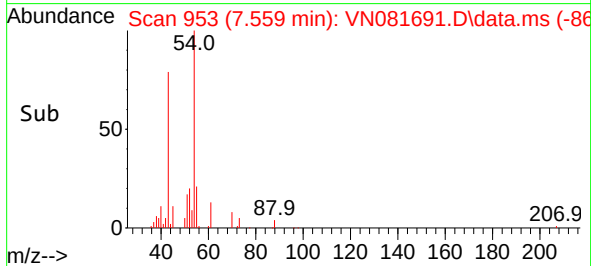
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



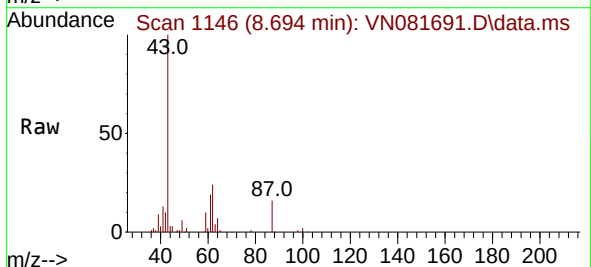
Tgt Ion: 43 Resp: 85200
Ion Ratio Lower Upper
43 100
45 8.0 10.6 15.8

Manual Integrations
APPROVED

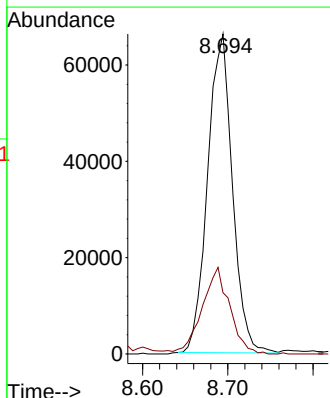
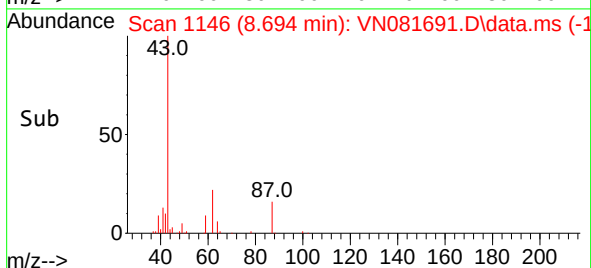
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

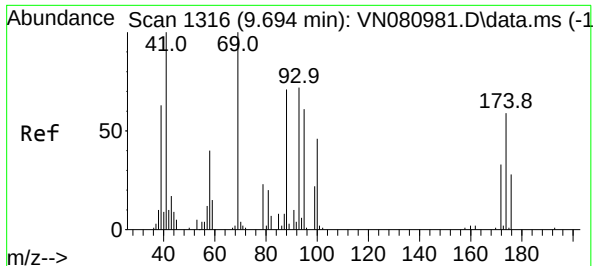


#44
Isopropyl Acetate
Concen: 19.664 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



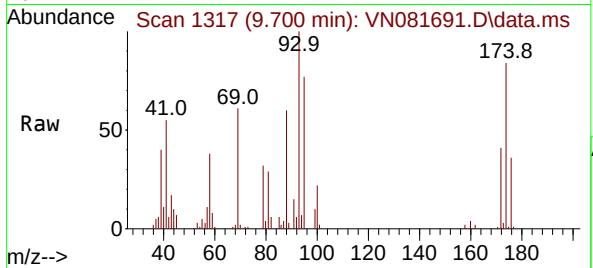
Tgt Ion: 43 Resp: 134052
Ion Ratio Lower Upper
43 100
61 30.2 25.0 37.4





#45
1,4-Dioxane
Concen: 342.862 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

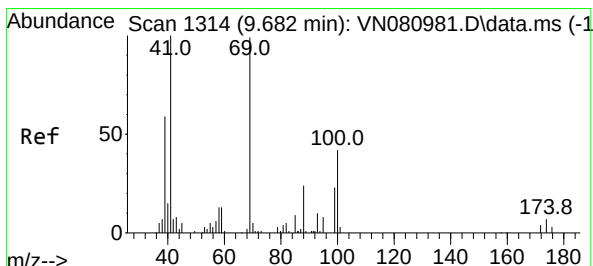
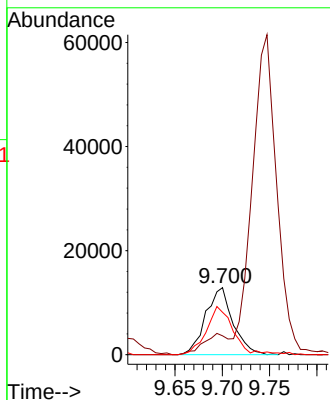
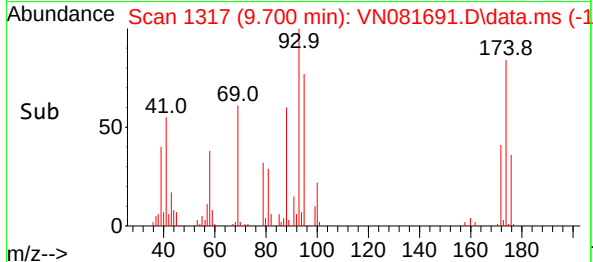
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



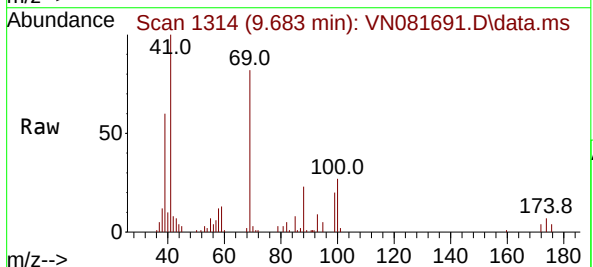
Tgt Ion: 88 Resp: 25802
Ion Ratio Lower Upper
88 100
43 27.5 19.8 29.6
58 67.3 55.4 83.0

Manual Integrations
APPROVED

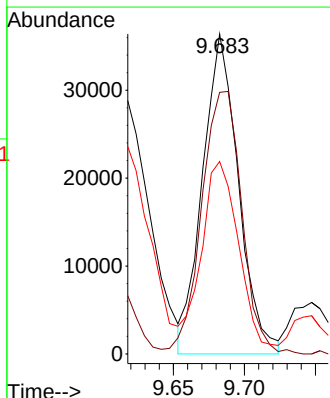
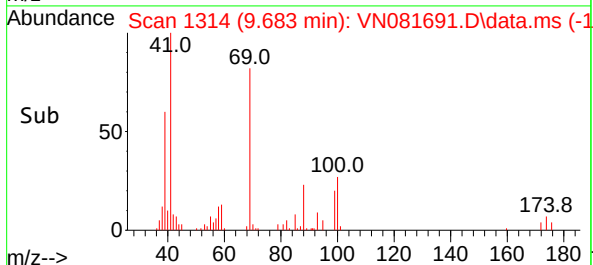
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

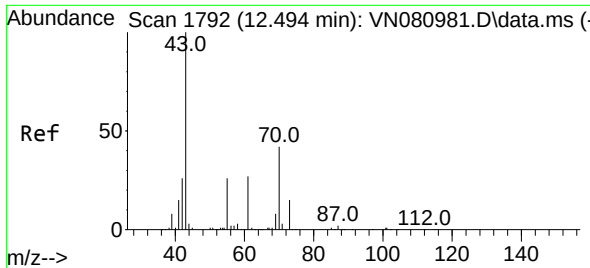


#46
Methyl methacrylate
Concen: 20.839 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



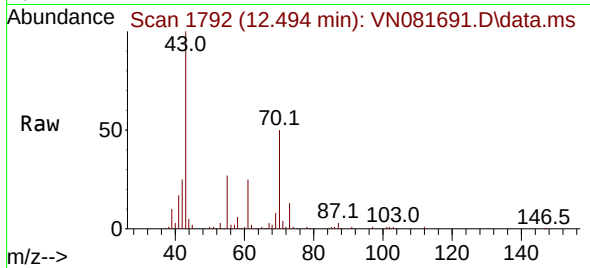
Tgt Ion: 41 Resp: 63886
Ion Ratio Lower Upper
41 100
69 84.5 51.1 153.3
39 60.0 25.8 77.3





#47
n-amy1 Acetate
Concen: 19.443 ug/l
RT: 12.494 min Scan# 11893
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

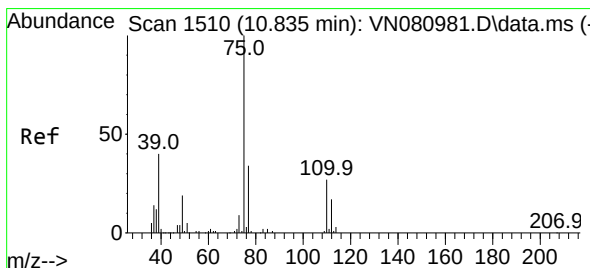
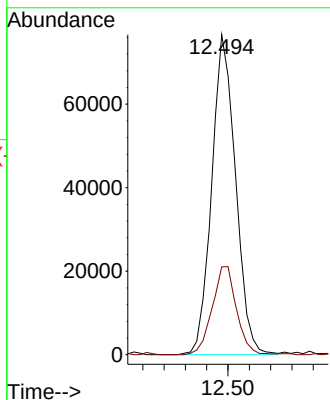
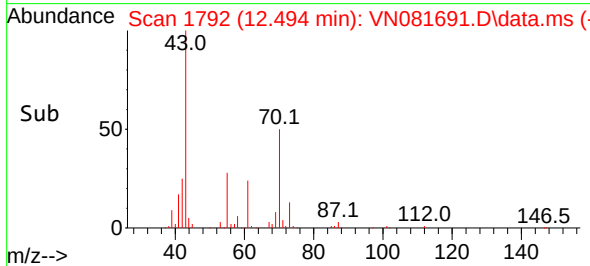
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



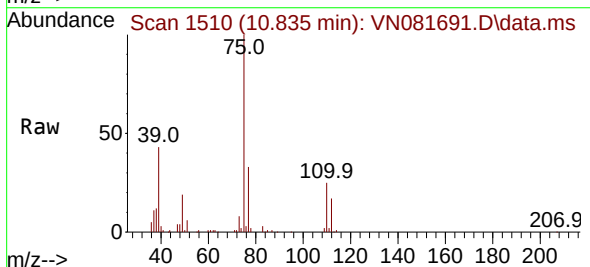
Tgt Ion: 43 Resp: 11893
Ion Ratio Lower Upper
43 100
55 28.0 23.4 35.2

Manual Integrations
APPROVED

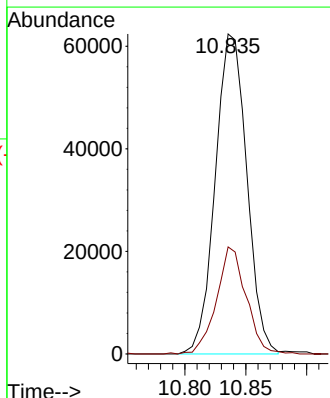
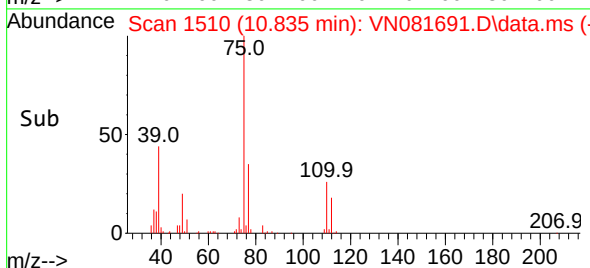
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

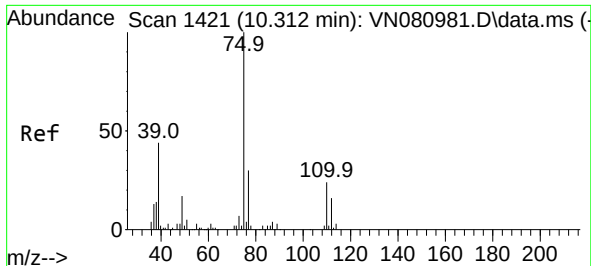


#48
t-1,3-Dichloropropene
Concen: 19.996 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



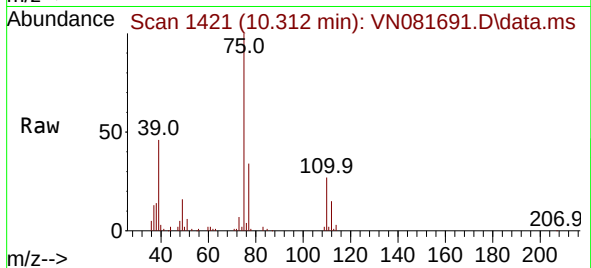
Tgt Ion: 75 Resp: 112420
Ion Ratio Lower Upper
75 100
77 33.5 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.785 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

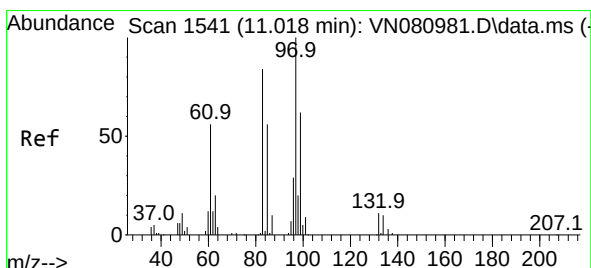
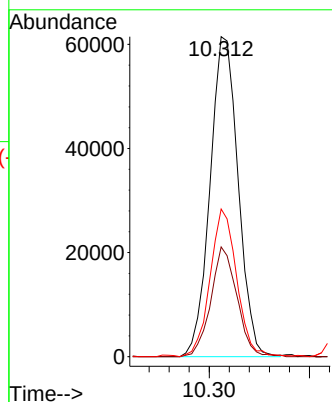
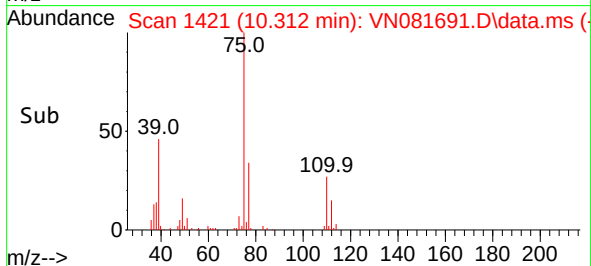
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 119785
 Ion Ratio Lower Upper
 75 100
 77 34.3 24.9 37.3
 39 46.2 31.0 46.6

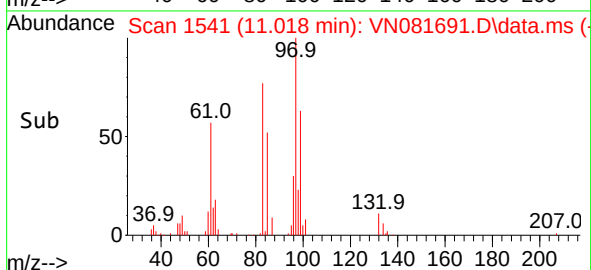
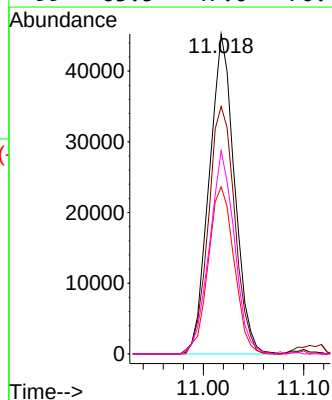
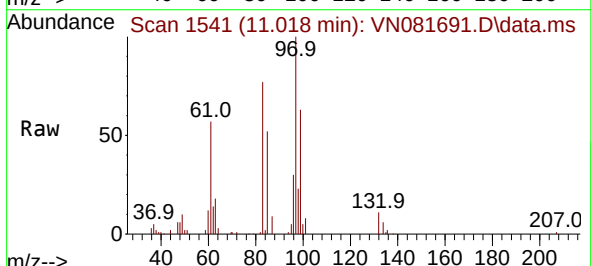
Manual Integrations
 APPROVED

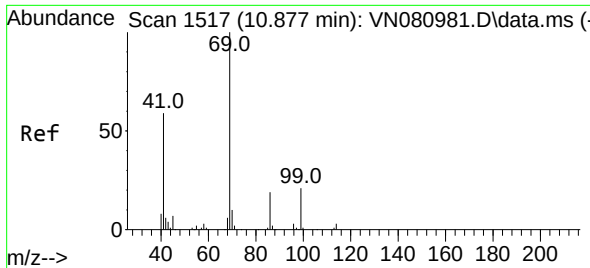
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024



#50
 1,1,2-Trichloroethane
 Concen: 20.469 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

Tgt Ion: 97 Resp: 79314
 Ion Ratio Lower Upper
 97 100
 83 77.4 68.1 102.1
 85 52.3 41.8 62.6
 99 63.5 47.0 70.4





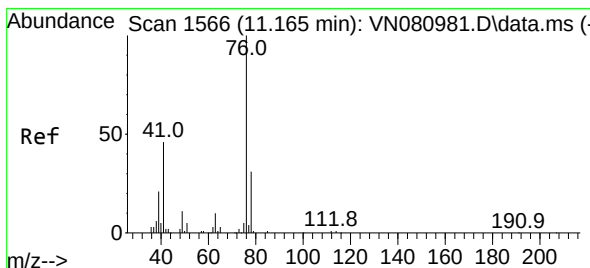
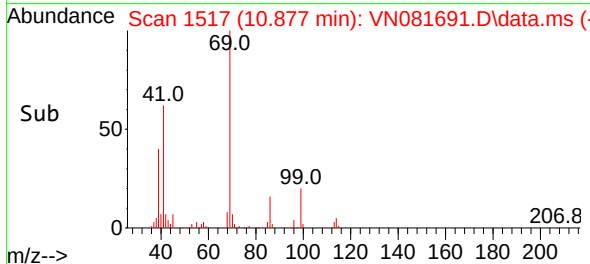
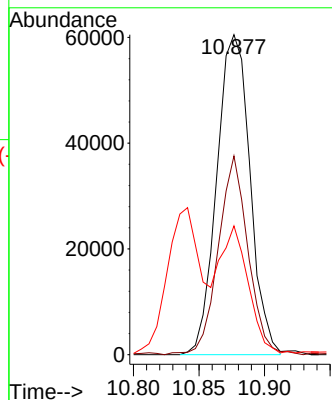
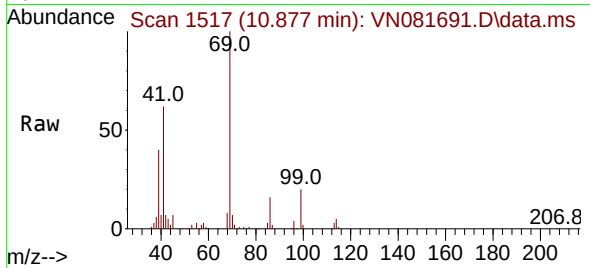
#51
Ethyl methacrylate
Concen: 19.784 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 106739
Ion Ratio Lower Upper
69 100
41 61.5 25.5 76.5
39 39.7 16.0 47.9

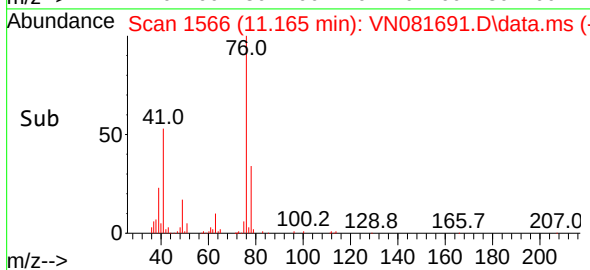
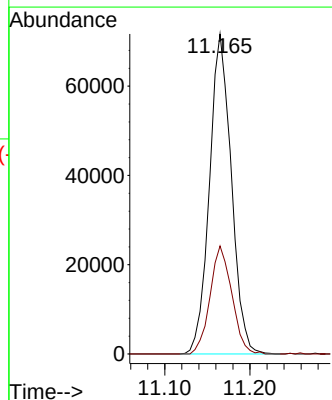
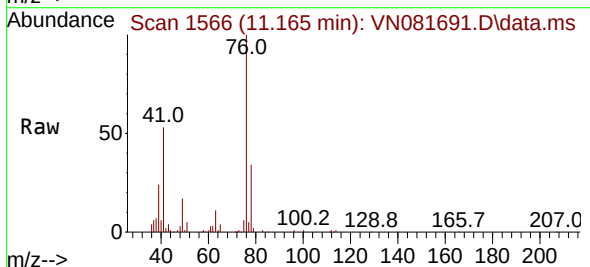
Manual Integrations
APPROVED

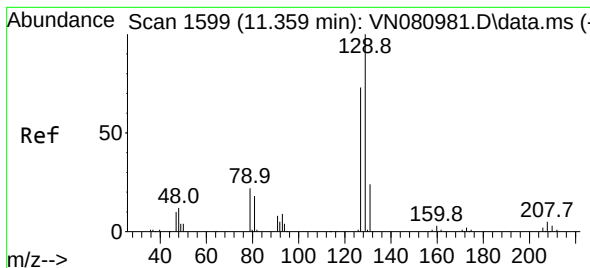
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#52
1,3-Dichloropropane
Concen: 20.125 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

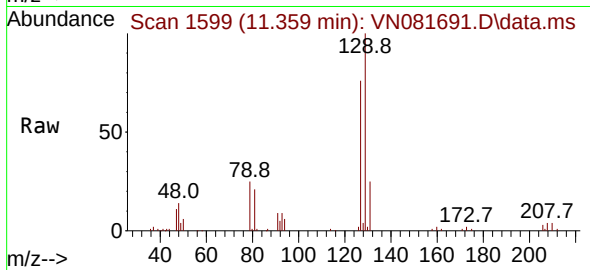
Tgt Ion: 76 Resp: 127814
Ion Ratio Lower Upper
76 100
78 33.6 0.0 65.8





#53
Dibromochloromethane
Concen: 19.430 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

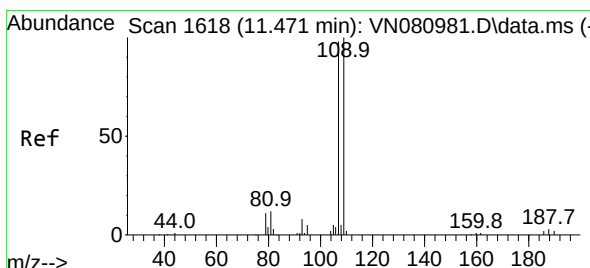
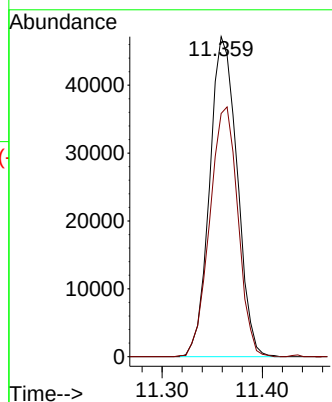
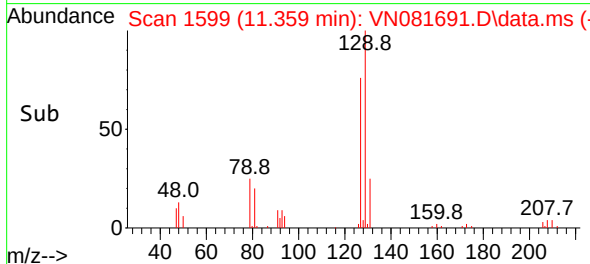
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



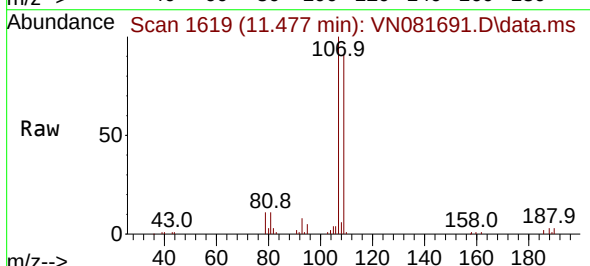
Tgt Ion:129 Resp: 89934
Ion Ratio Lower Upper
129 100
127 79.8 39.4 118.1

Manual Integrations
APPROVED

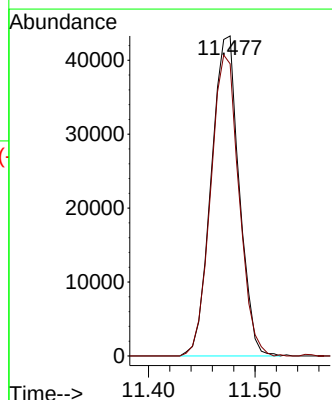
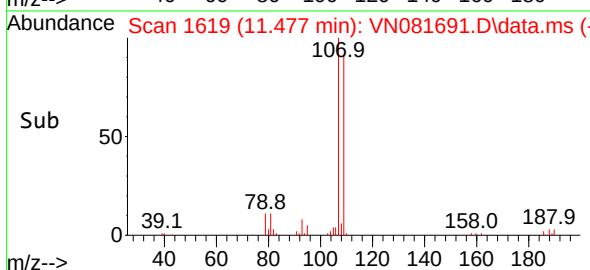
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

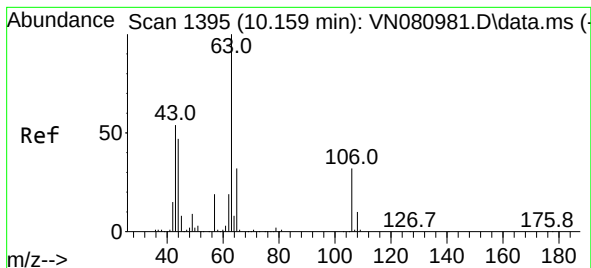


#54
1,2-Dibromoethane
Concen: 19.650 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



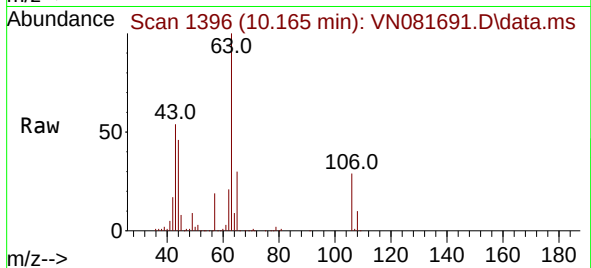
Tgt Ion:107 Resp: 78701
Ion Ratio Lower Upper
107 100
109 95.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 106.416 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

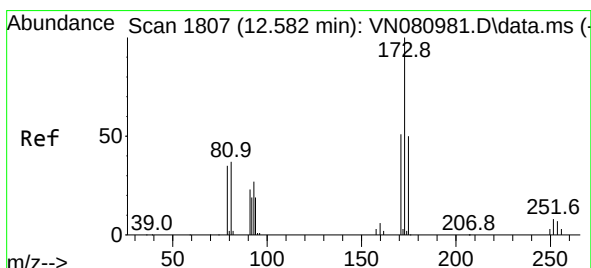
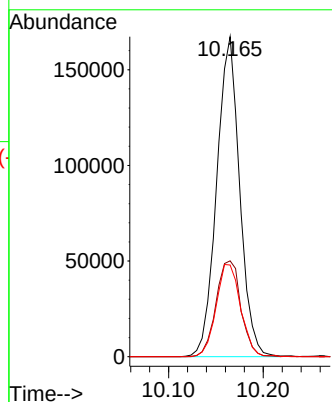
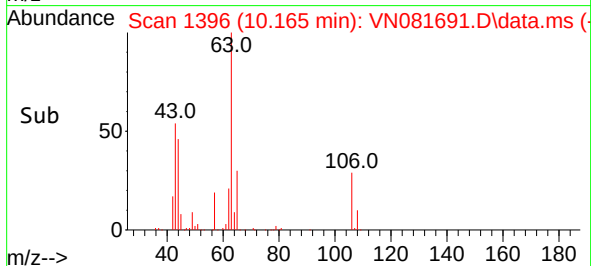
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 28194
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.2
106 30.6 23.8 35.8

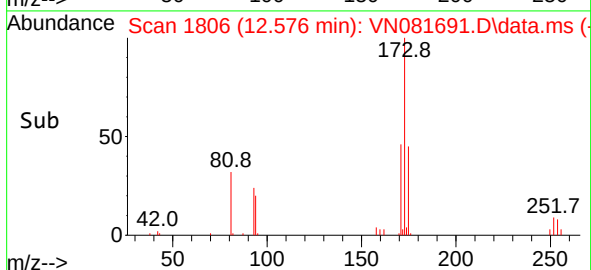
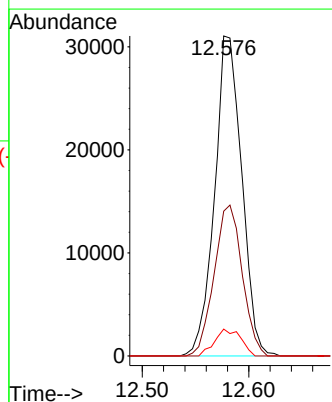
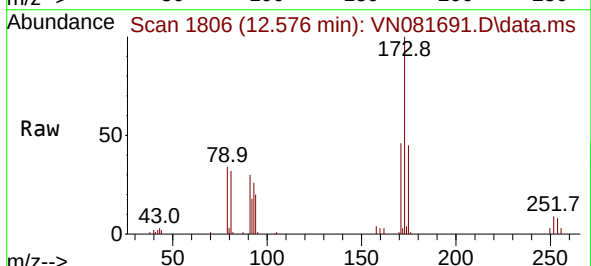
Manual Integrations
APPROVED

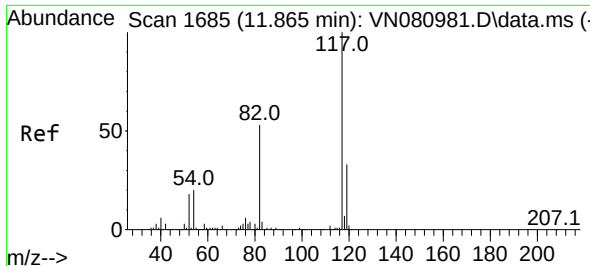
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#56
Bromoform
Concen: 18.561 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

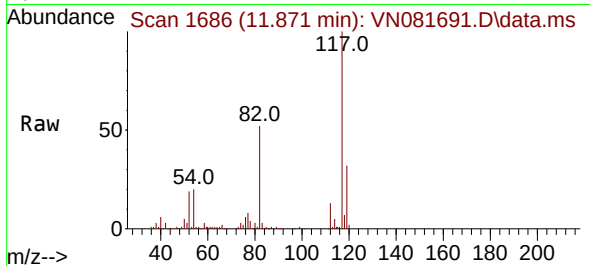
Tgt Ion:173 Resp: 54936
Ion Ratio Lower Upper
173 100
175 48.7 40.0 60.0
254 8.1 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

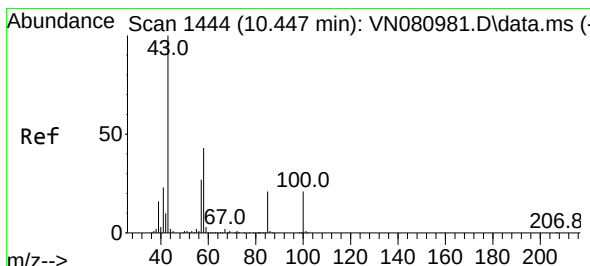
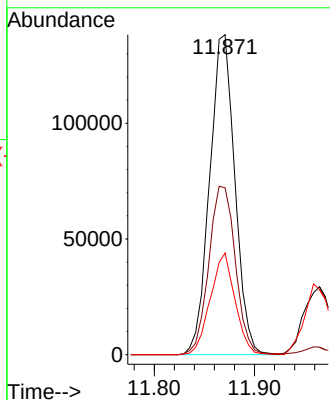
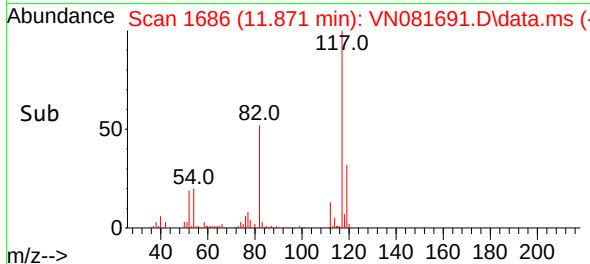
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 24212
Ion Ratio Lower Upper
117 100
82 55.5 46.6 69.8
119 31.1 25.4 38.2

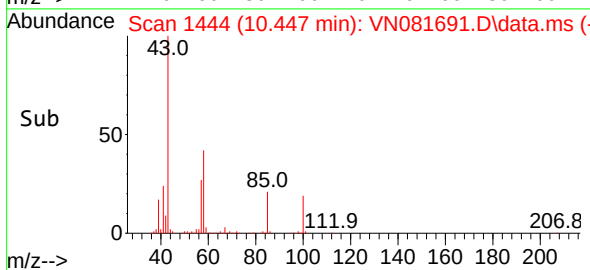
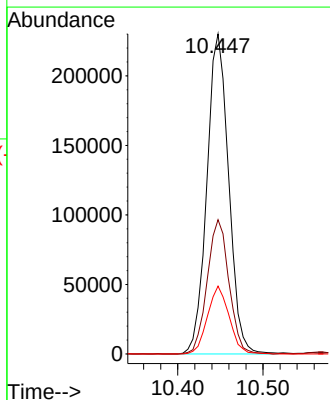
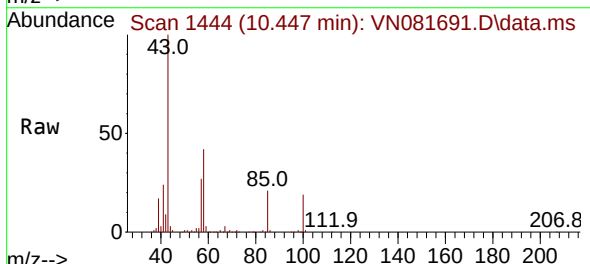
Manual Integrations
APPROVED

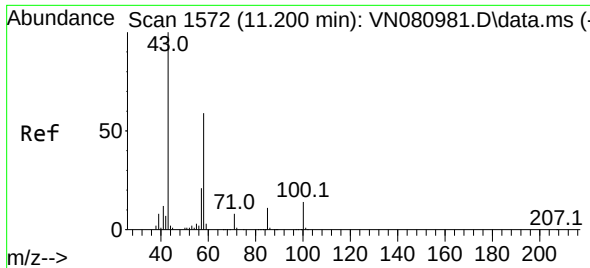
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#58
4-Methyl-2-Pentanone
Concen: 98.216 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

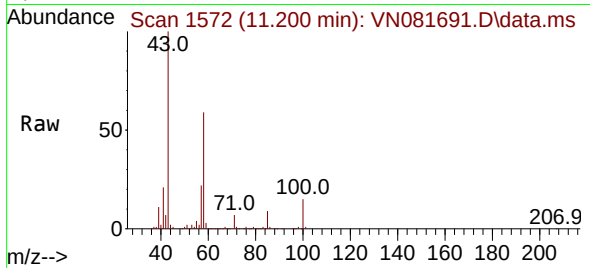
Tgt Ion: 43 Resp: 408950
Ion Ratio Lower Upper
43 100
58 41.9 36.5 54.7
85 21.1 19.5 29.3





#59
2-Hexanone
Concen: 96.016 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

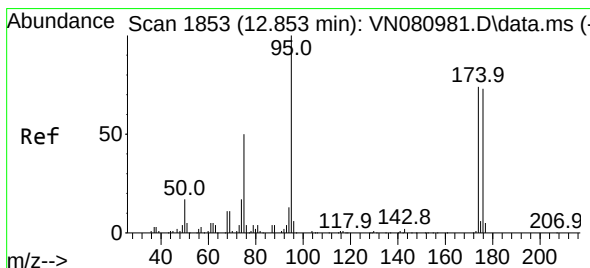
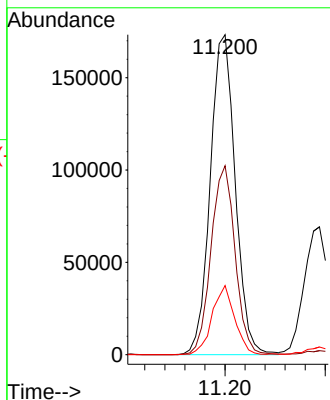
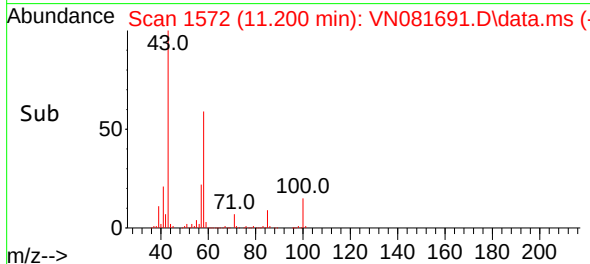
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



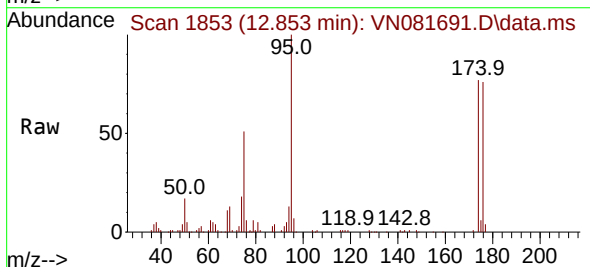
Tgt Ion: 43 Resp: 300244
Ion Ratio Lower Upper
43 100
58 56.8 50.4 75.6
57 19.3 18.6 27.8

Manual Integrations
APPROVED

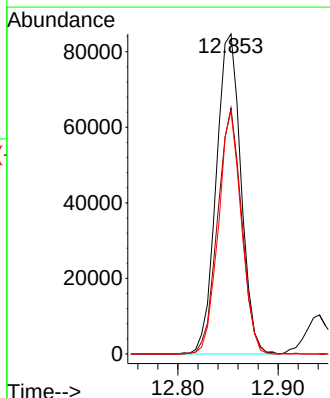
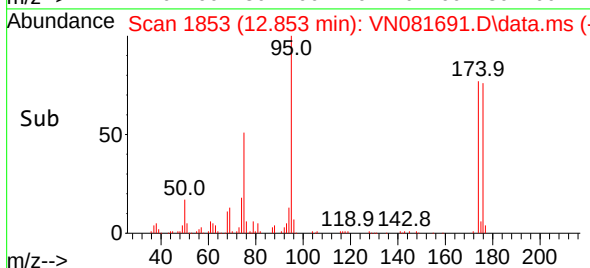
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

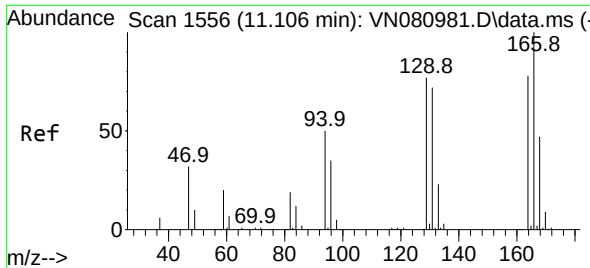


#60
4-Bromofluorobenzene
Concen: 30.459 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



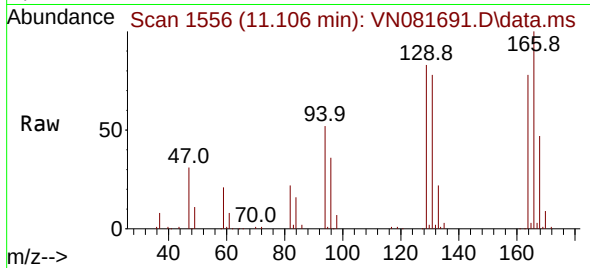
Tgt Ion: 95 Resp: 144991
Ion Ratio Lower Upper
95 100
174 74.5 60.5 90.7
176 70.3 57.8 86.6





#61
Tetrachloroethene
Concen: 19.391 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

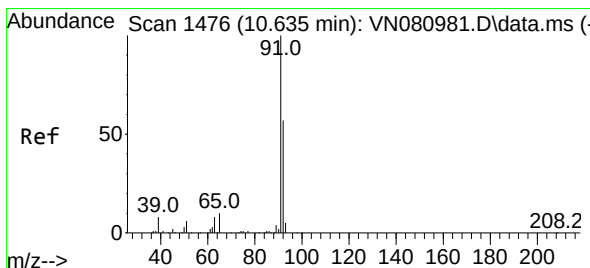
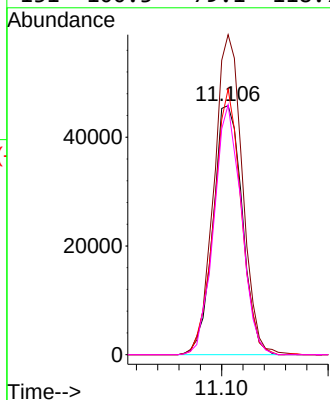
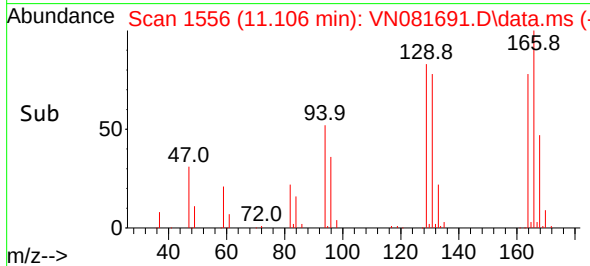
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



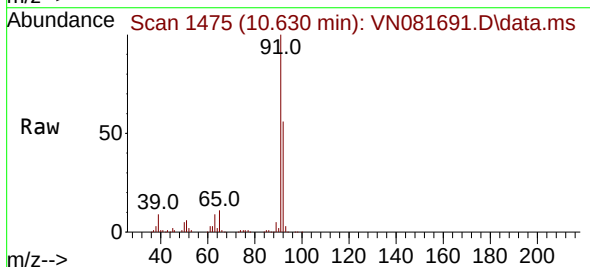
Tgt Ion:164 Resp: 86990
Ion Ratio Lower Upper
164 100
166 128.5 106.7 160.1
129 106.6 85.8 128.6
131 100.3 79.1 118.7

Manual Integrations
APPROVED

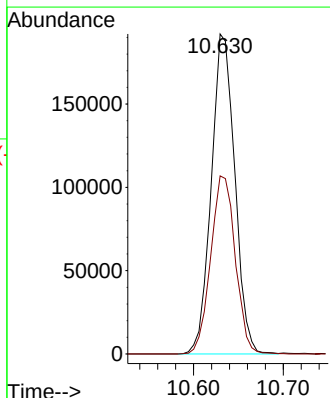
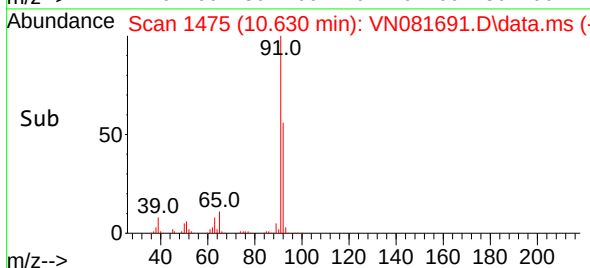
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

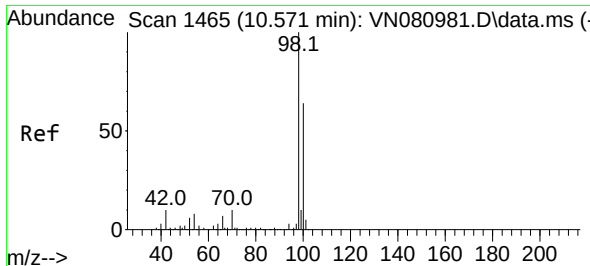


#62
Toluene
Concen: 19.856 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



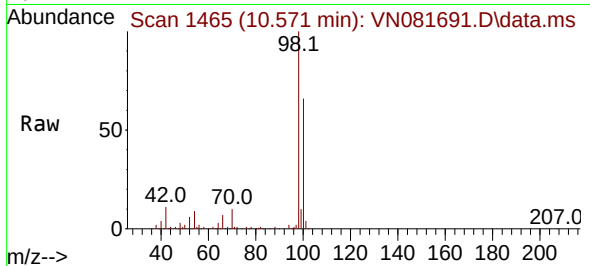
Tgt Ion: 91 Resp: 349756
Ion Ratio Lower Upper
91 100
92 58.1 46.5 69.7





#63
Toluene-d8
Concen: 30.400 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

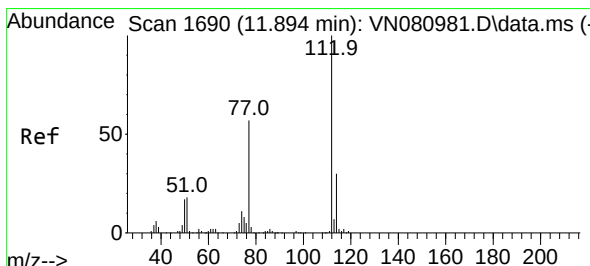
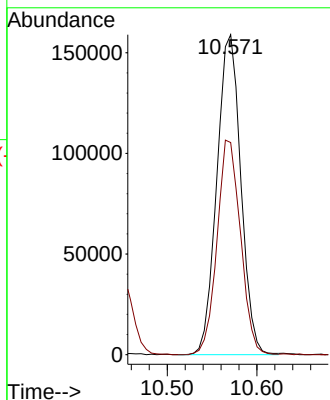
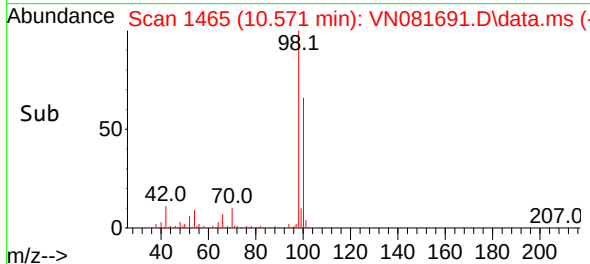
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



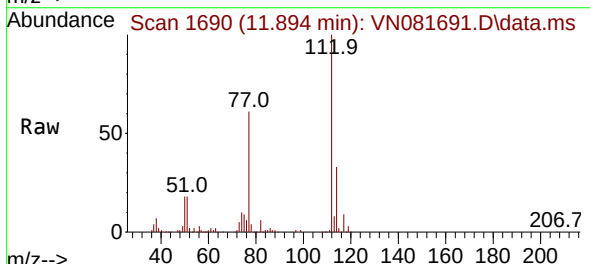
Tgt Ion: 98 Resp: 29524
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

Manual Integrations
APPROVED

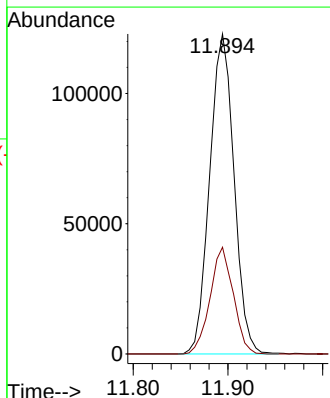
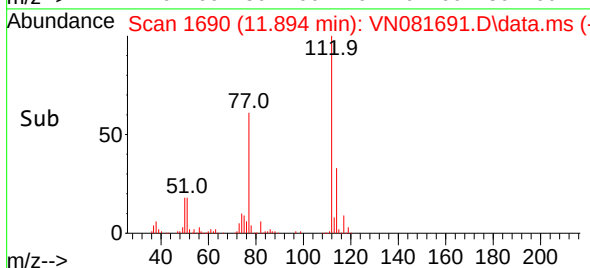
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

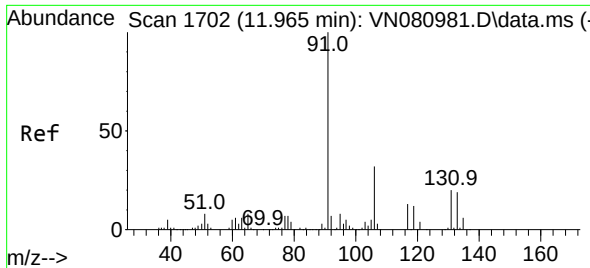


#64
Chlorobenzene
Concen: 19.644 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



Tgt Ion:112 Resp: 219420
Ion Ratio Lower Upper
112 100
114 33.3 26.6 39.8





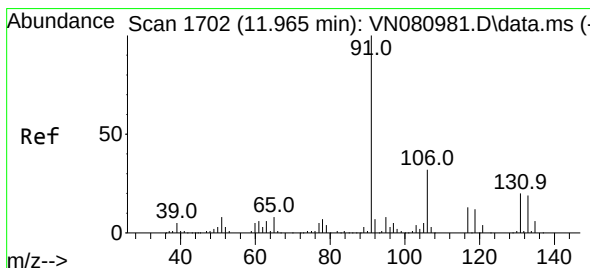
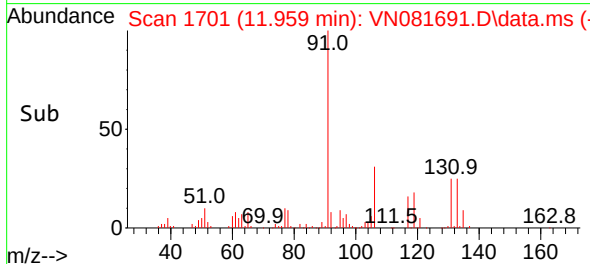
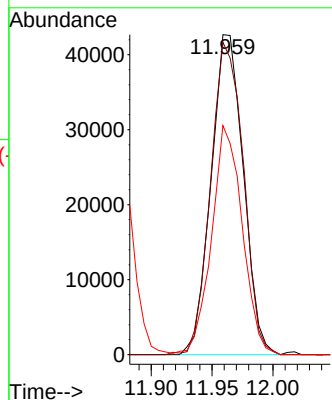
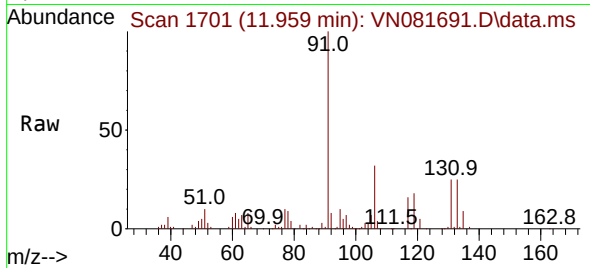
#65
1,1,1,2-Tetrachloroethane
Concen: 19.359 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 7854
Ion Ratio Lower Upper
131 100
133 98.8 0.0 188.0
119 68.1 0.0 122.8

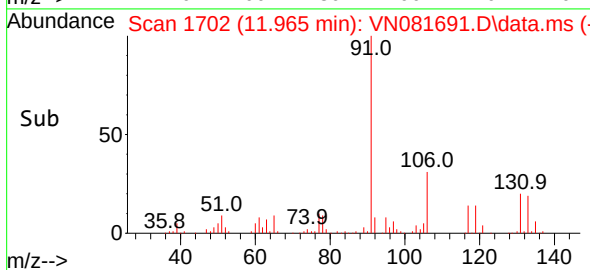
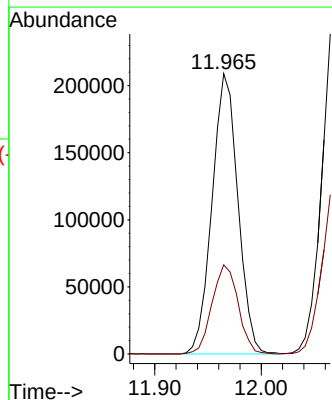
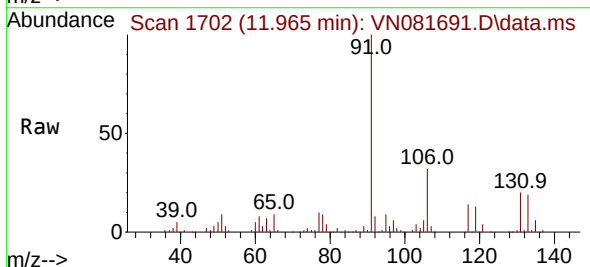
Manual Integrations
APPROVED

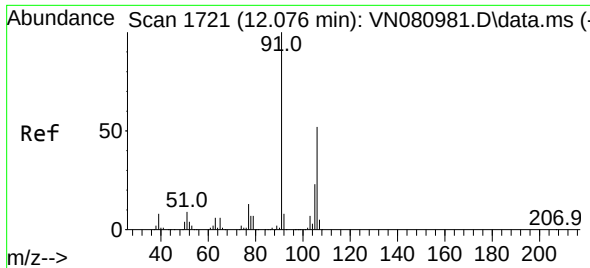
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#66
Ethyl Benzene
Concen: 18.806 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion: 91 Resp: 352204
Ion Ratio Lower Upper
91 100
106 31.8 24.4 36.6





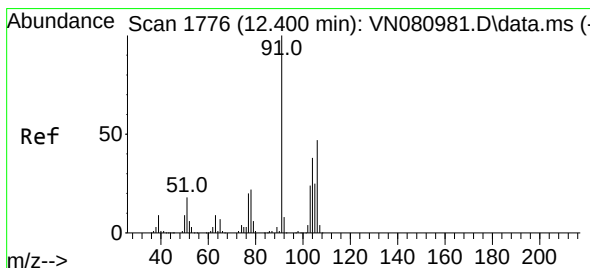
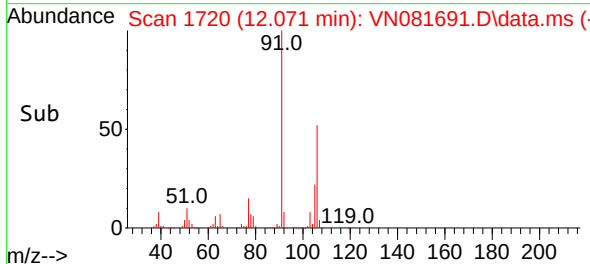
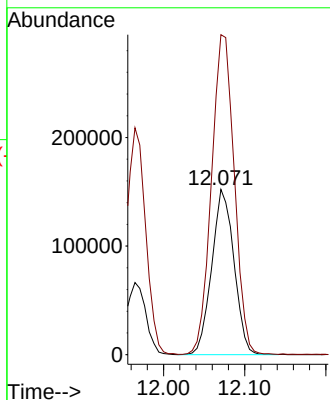
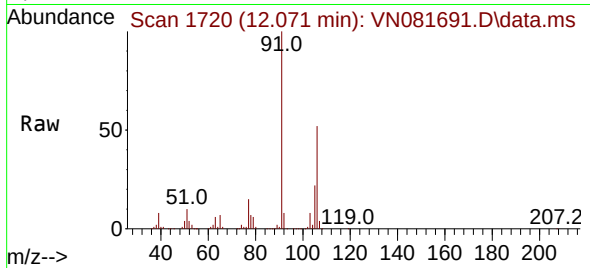
#67
m/p-Xylenes
Concen: 39.050 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 28969
Ion Ratio Lower Upper
106 100
91 198.3 166.6 249.8

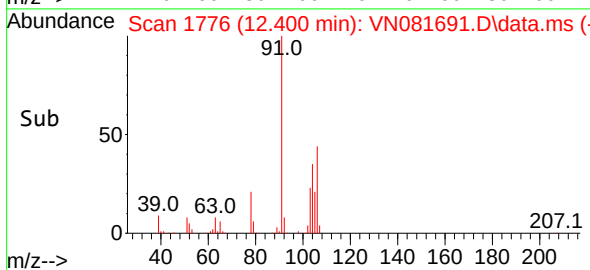
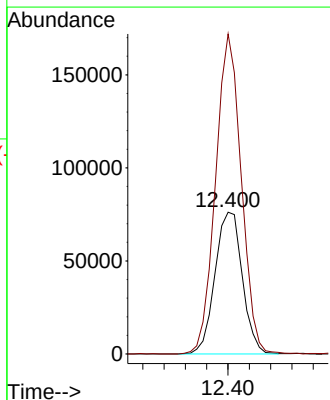
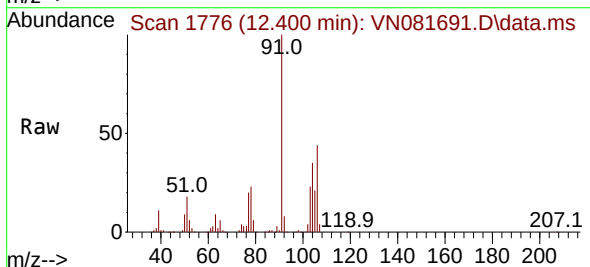
Manual Integrations
APPROVED

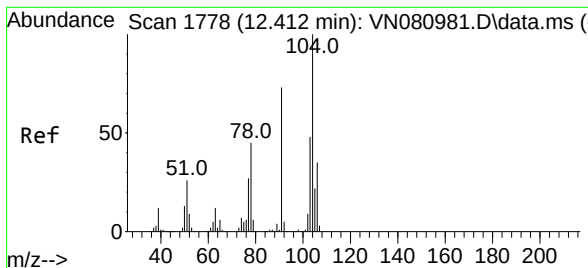
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#68
o-Xylene
Concen: 19.251 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion:106 Resp: 135580
Ion Ratio Lower Upper
106 100
91 212.3 110.0 330.0





#69

Styrene

Concen: 19.132 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081691.D

Acq: 10 Apr 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

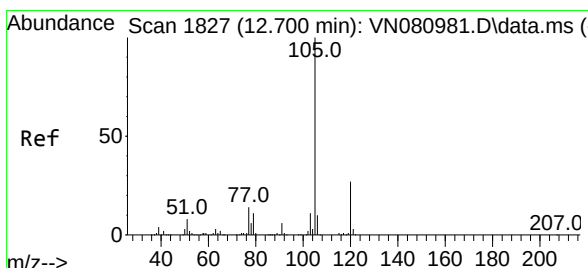
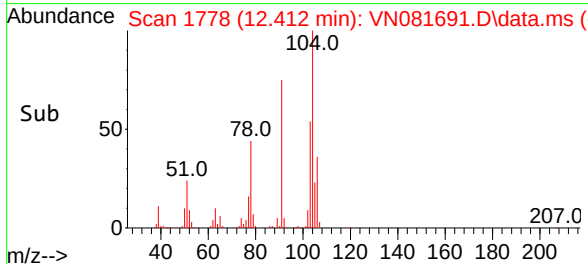
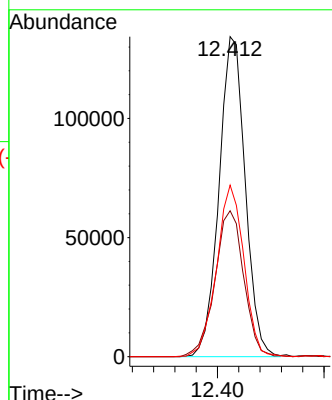
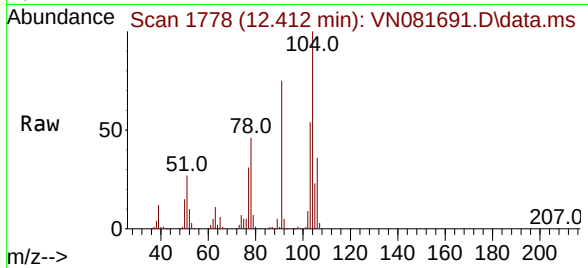
Tgt Ion:	104	Resp:	229470
Ion Ratio	Lower	Upper	
104	100		
78	50.2	42.6	64.0
103	55.7	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2024

Supervised By :Mahesh Dadoda 04/11/2024



#70

Isopropylbenzene

Concen: 19.131 ug/l

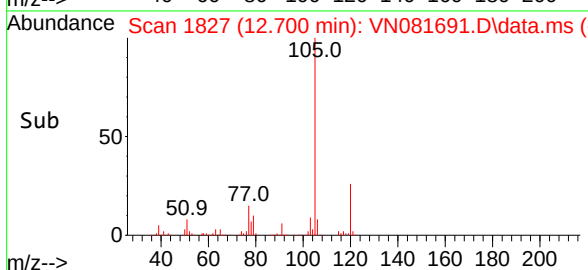
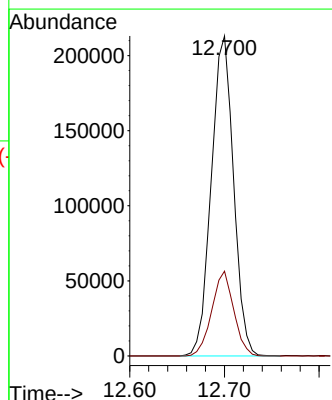
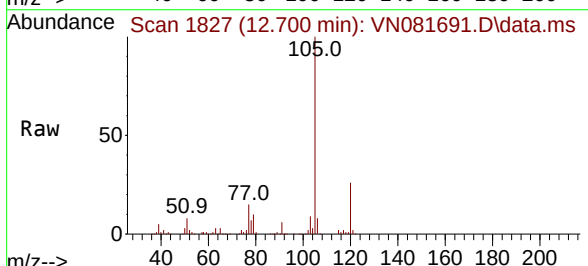
RT: 12.700 min Scan# 1827

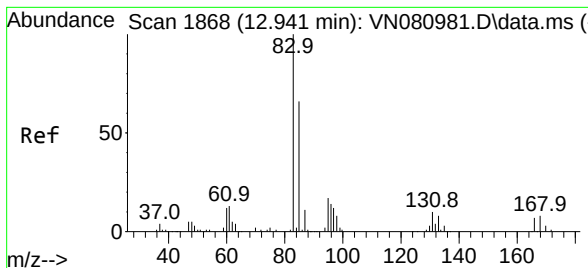
Delta R.T. 0.006 min

Lab File: VN081691.D

Acq: 10 Apr 2024 19:41

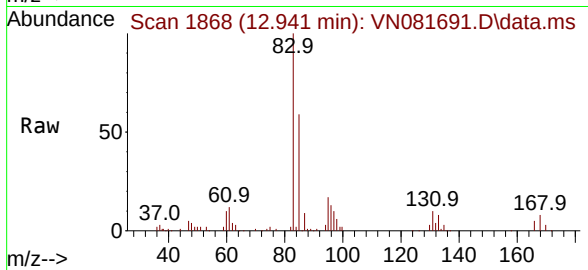
Tgt Ion:	105	Resp:	347587
Ion Ratio	Lower	Upper	
105	100		
120	26.1	17.8	33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.603 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

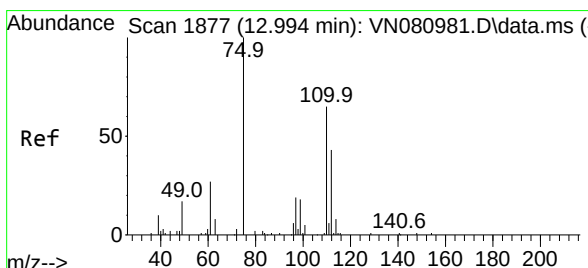
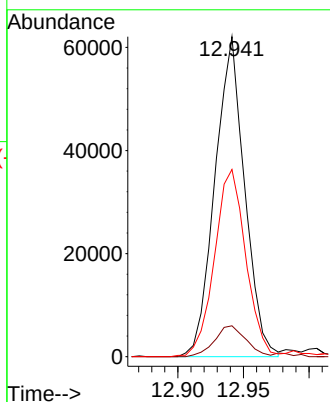
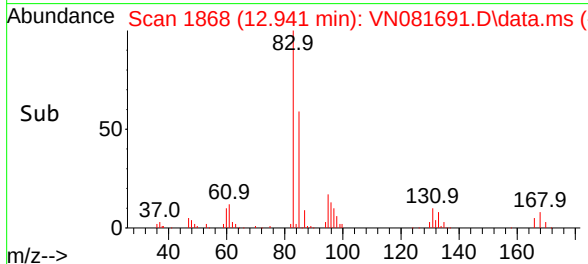
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 9778
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 61.5 32.3 96.8

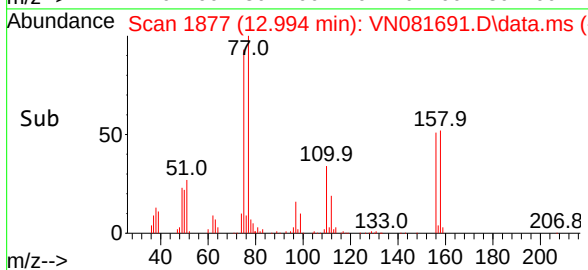
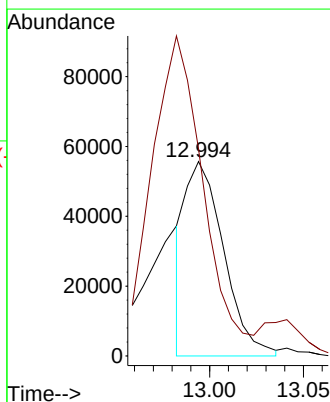
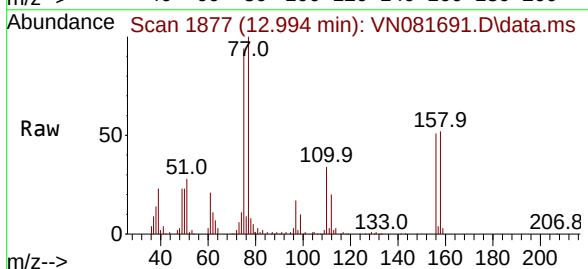
Manual Integrations
APPROVED

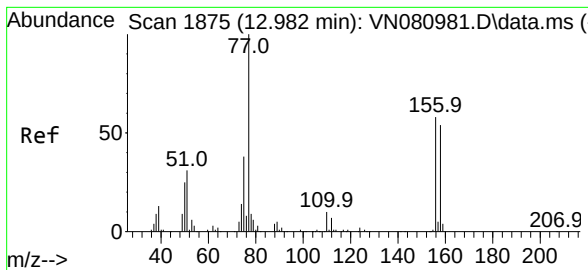
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#72
1,2,3-Trichloropropane
Concen: 18.080 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion: 75 Resp: 79442
Ion Ratio Lower Upper
75 100
77 224.4 0.0 367.6





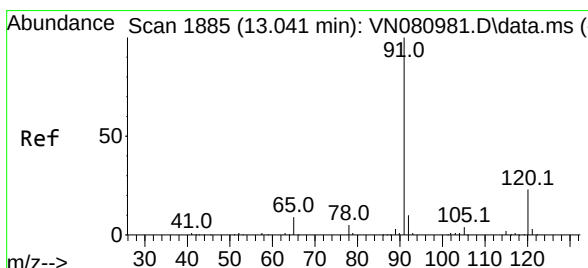
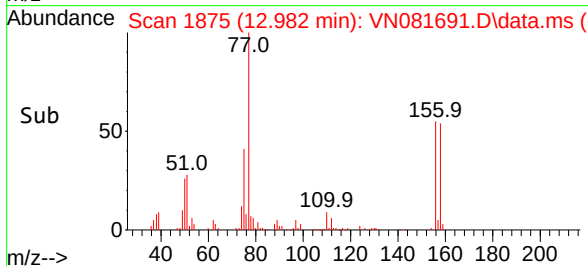
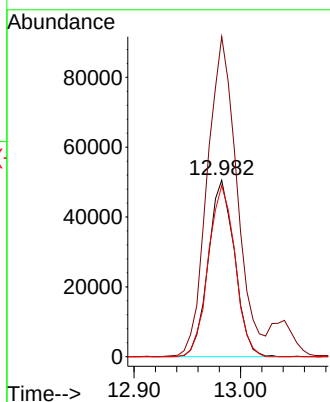
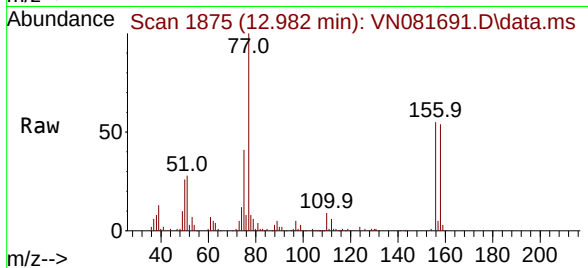
#73
Bromobenzene
Concen: 19.257 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 8669
Ion Ratio Lower Upper
156 100
77 205.6 0.0 437.6
158 98.5 0.0 203.8

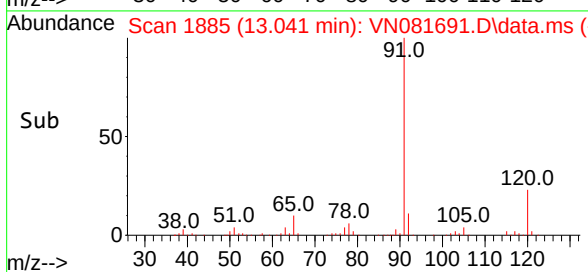
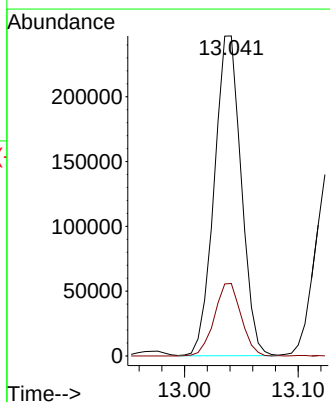
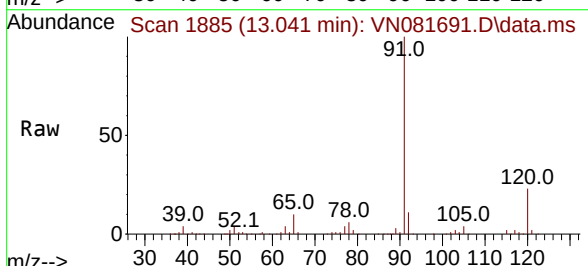
Manual Integrations
APPROVED

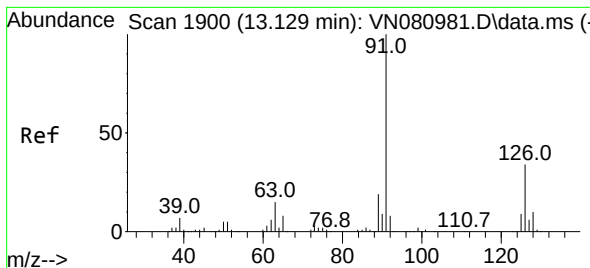
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#74
n-propylbenzene
Concen: 18.717 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion: 91 Resp: 407052
Ion Ratio Lower Upper
91 100
120 22.5 0.0 43.8





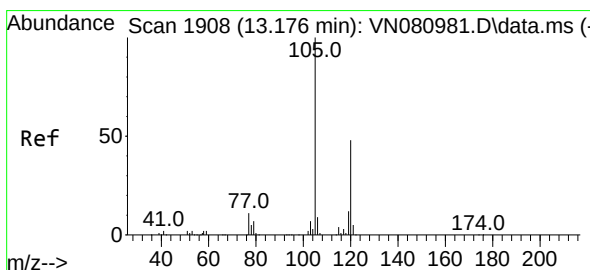
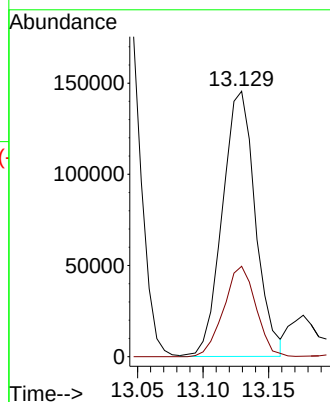
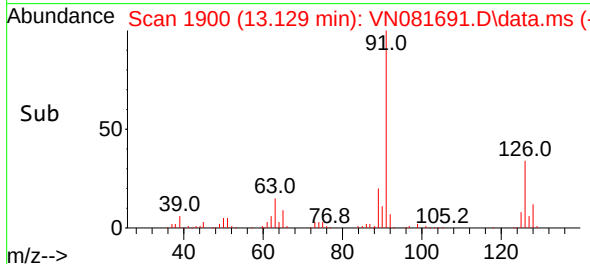
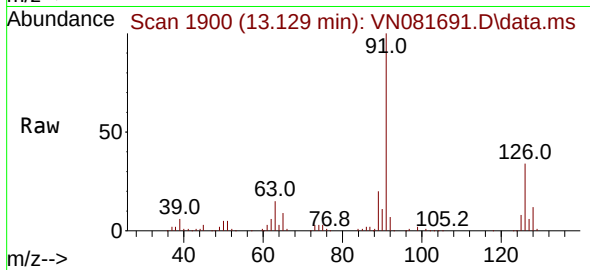
#75
2-Chlorotoluene
Concen: 19.670 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 25486
Ion Ratio Lower Upper
91 100
126 33.2 0.0 61.2

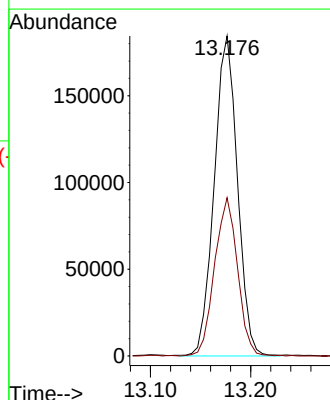
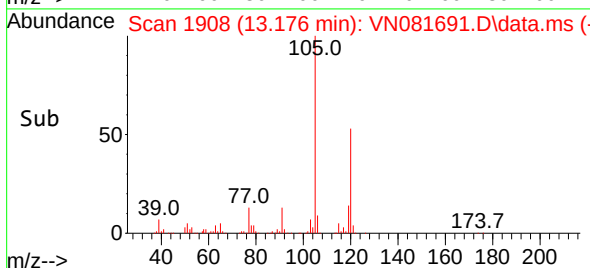
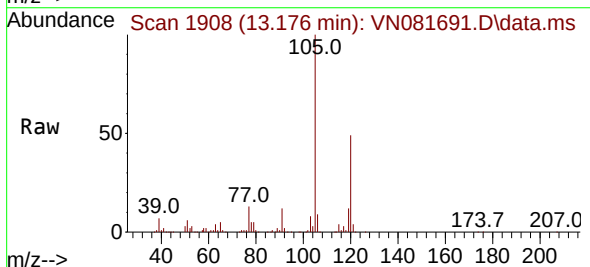
Manual Integrations
APPROVED

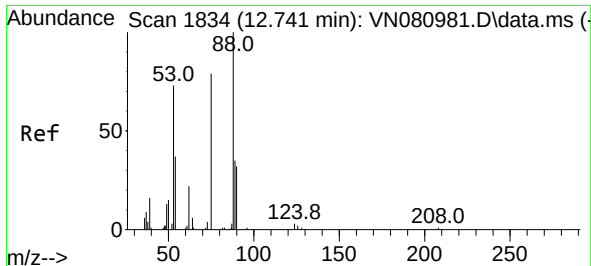
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.239 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

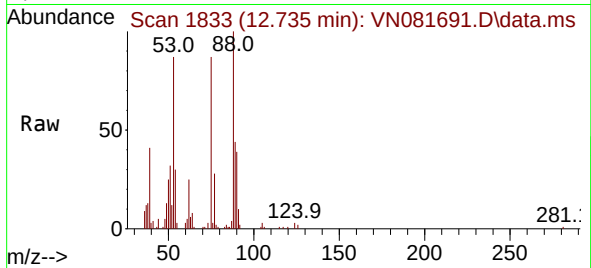
Tgt Ion:105 Resp: 296683
Ion Ratio Lower Upper
105 100
120 48.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.801 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

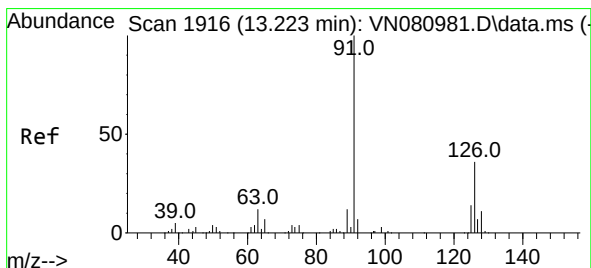
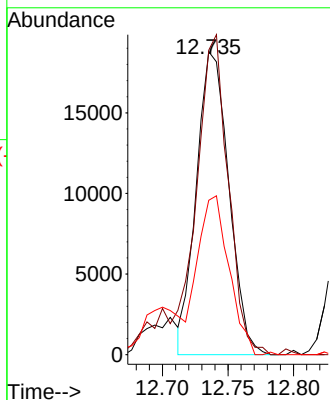
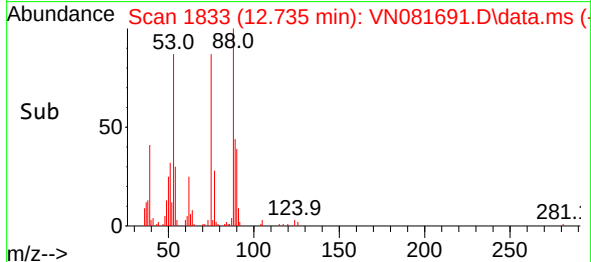
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



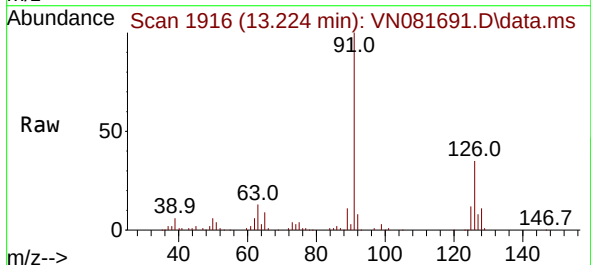
Tgt Ion: 75 Resp: 3239
Ion Ratio Lower Upper
75 100
53 100.5 45.9 137.7
89 51.0 25.9 77.7

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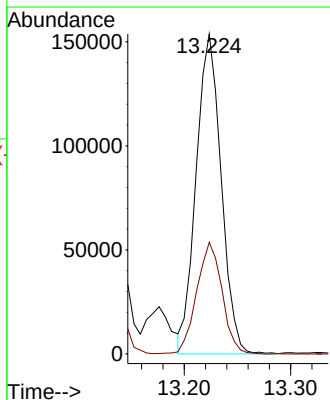
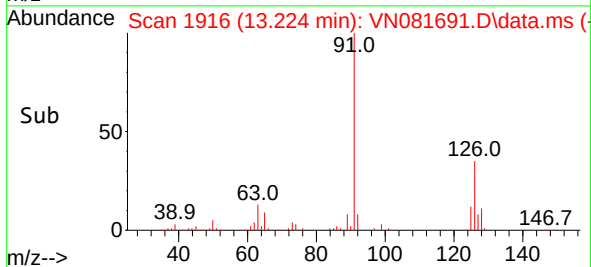
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

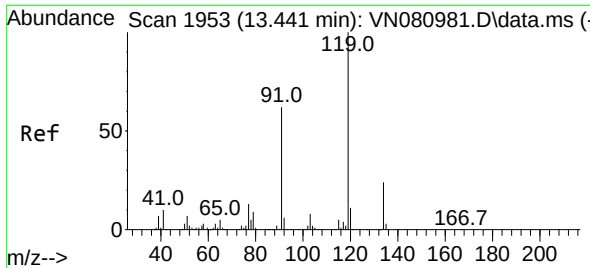


#78
4-Chlorotoluene
Concen: 19.599 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



Tgt Ion: 91 Resp: 251864
Ion Ratio Lower Upper
91 100
126 35.2 0.0 62.8





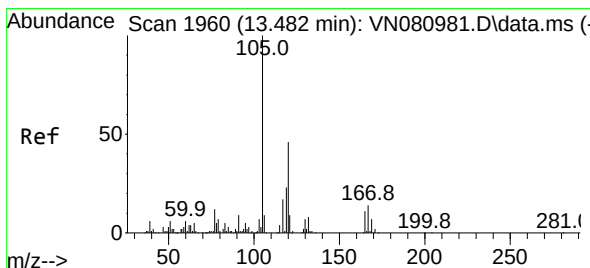
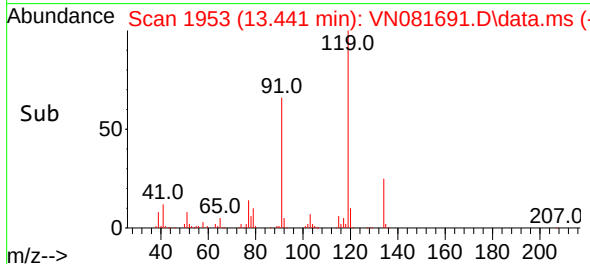
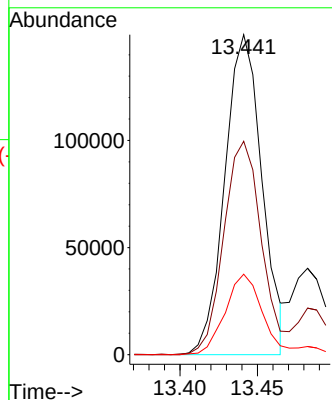
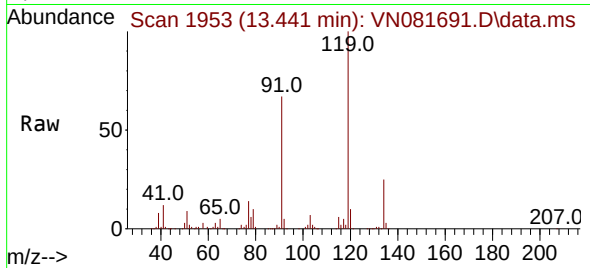
#79
tert-butylbenzene
Concen: 19.004 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 24931
Ion Ratio Lower Upper
119 100
91 68.4 0.0 138.8
134 24.9 0.0 48.6

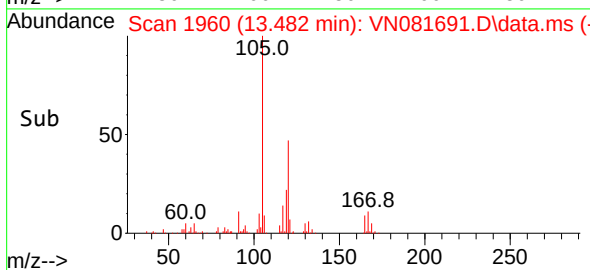
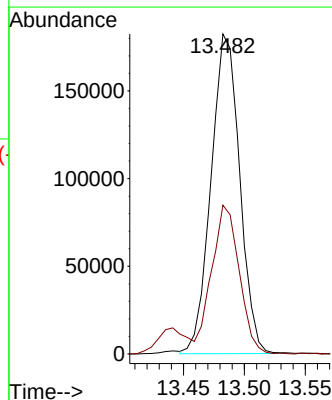
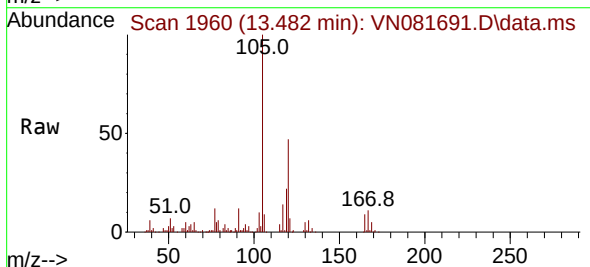
Manual Integrations
APPROVED

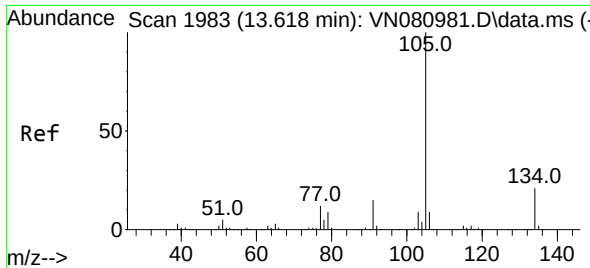
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.384 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

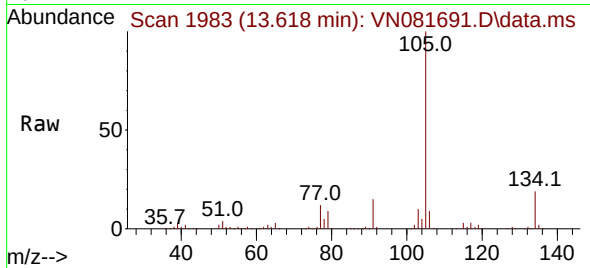
Tgt Ion:105 Resp: 298105
Ion Ratio Lower Upper
105 100
120 44.6 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 18.962 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

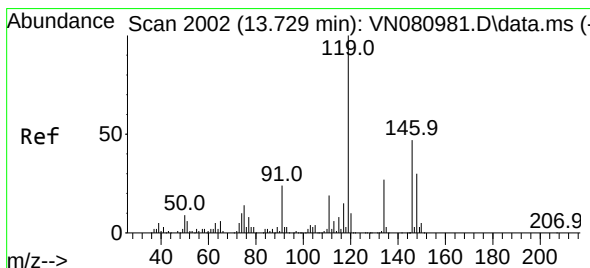
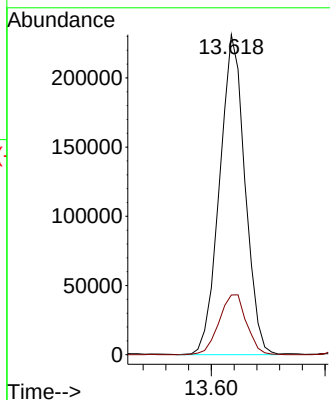
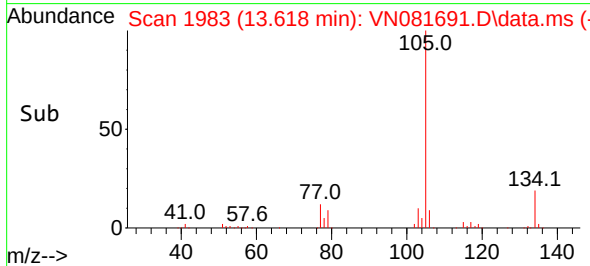
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



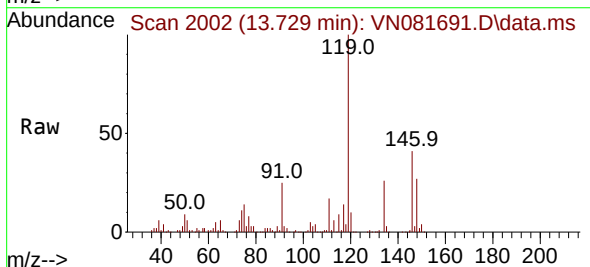
Tgt Ion:105 Resp: 358769
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.0

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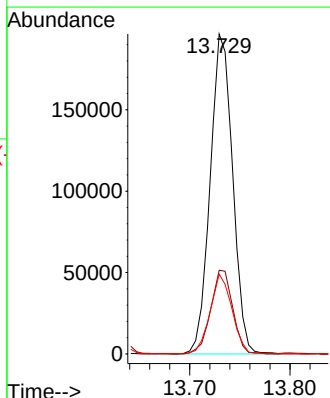
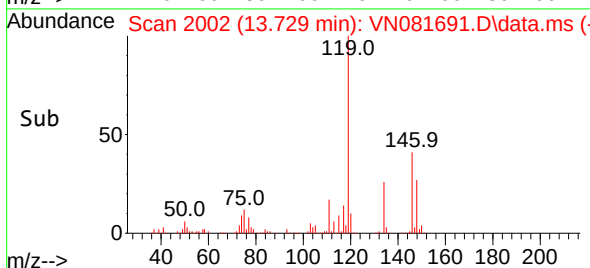
Reviewed By :John Carlone 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024

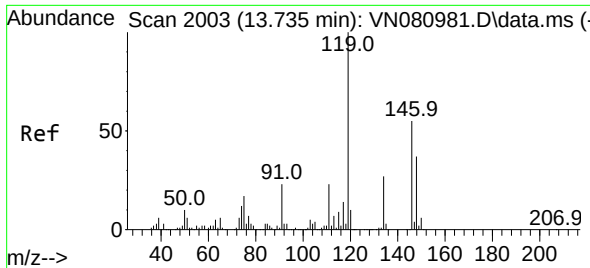


#82
 p-Isopropyltoluene
 Concen: 19.336 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41



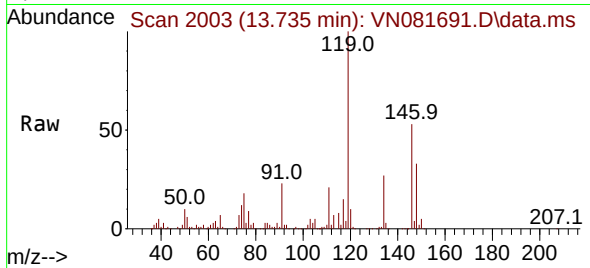
Tgt Ion:119 Resp: 306834
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 49.2
 91 24.1 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.590 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

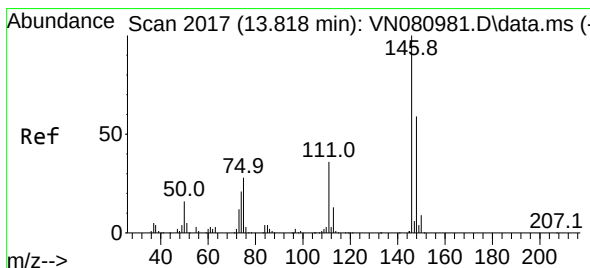
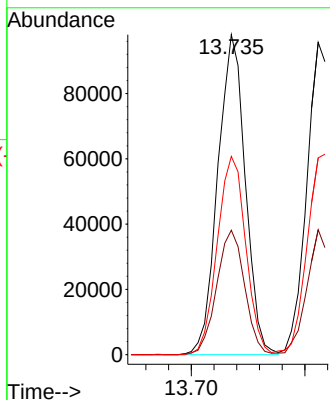
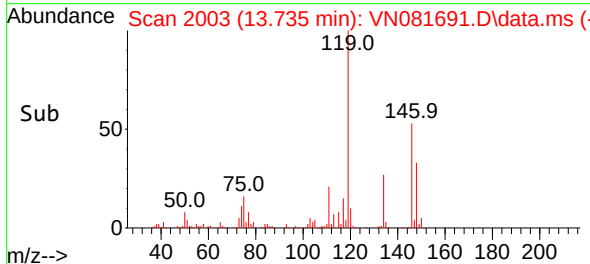
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



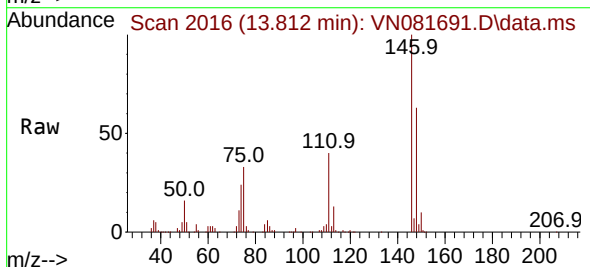
Tgt Ion:146 Resp: 164820
Ion Ratio Lower Upper
146 100
111 39.6 22.4 67.0
148 64.1 32.1 96.5

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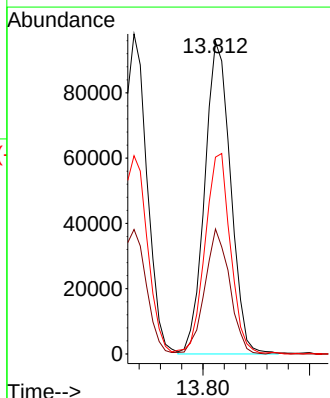
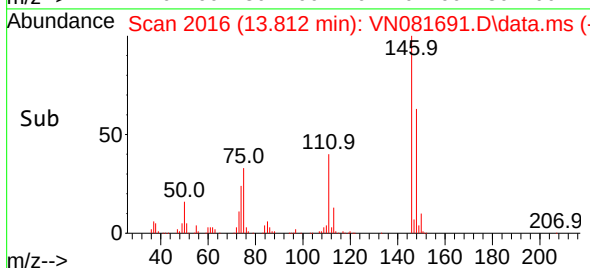
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

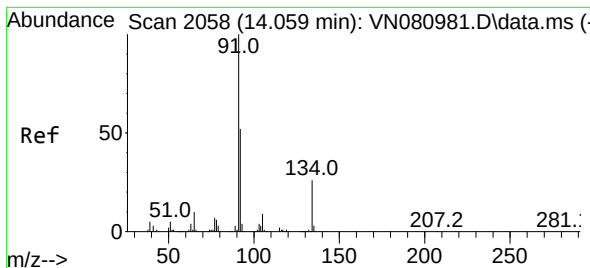


#84
1,4-Dichlorobenzene
Concen: 19.882 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



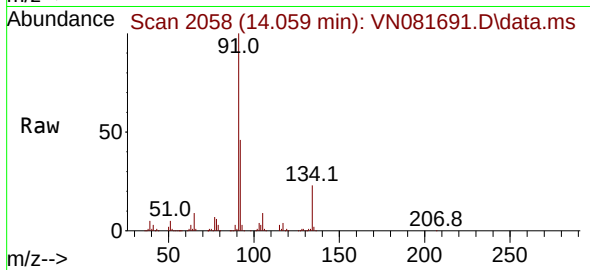
Tgt Ion:146 Resp: 161926
Ion Ratio Lower Upper
146 100
111 38.3 21.3 63.9
148 63.1 31.9 95.5





#85
n-Butylbenzene
Concen: 18.641 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

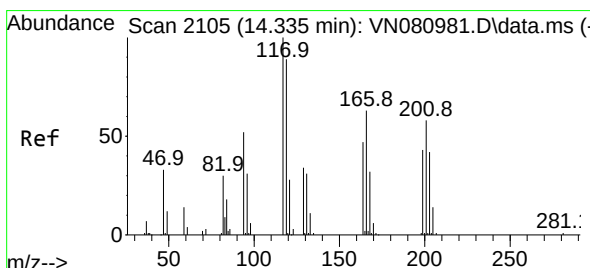
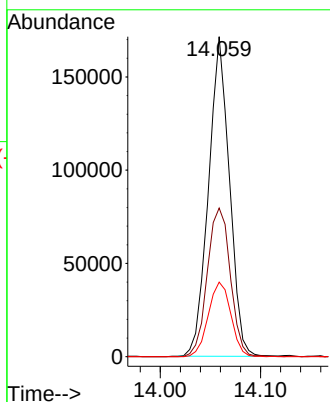
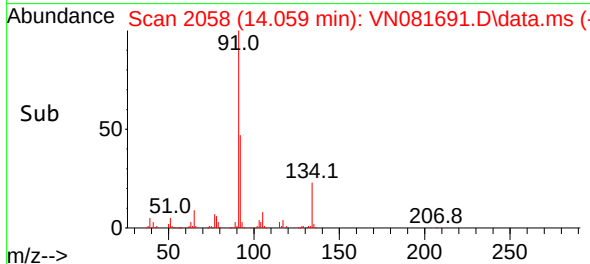
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 24915
Ion Ratio Lower Upper
91 100
92 51.0 0.0 105.0
134 25.1 0.0 51.8

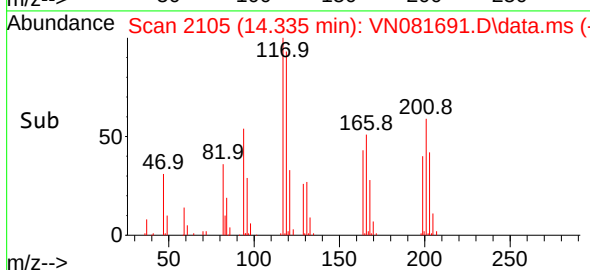
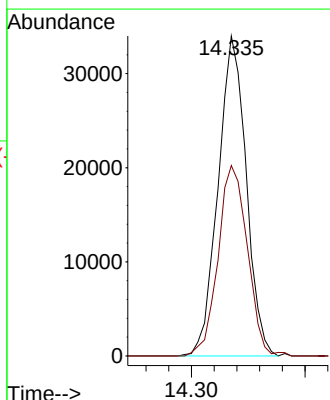
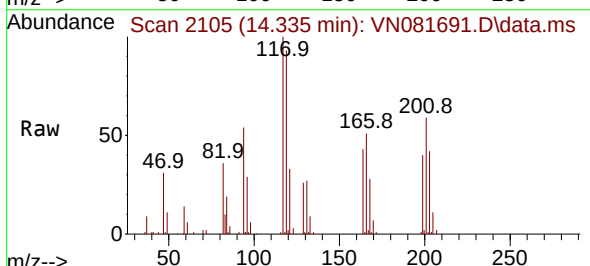
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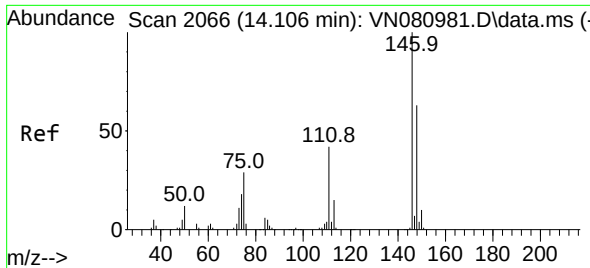
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#86
Hexachloroethane
Concen: 19.249 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Tgt Ion:117 Resp: 58353
Ion Ratio Lower Upper
117 100
201 61.7 38.0 114.0





#87
 1,2-Dichlorobenzene
 Concen: 19.821 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

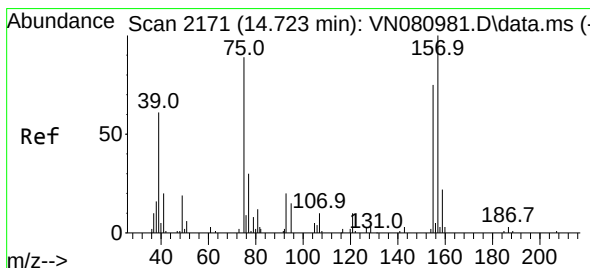
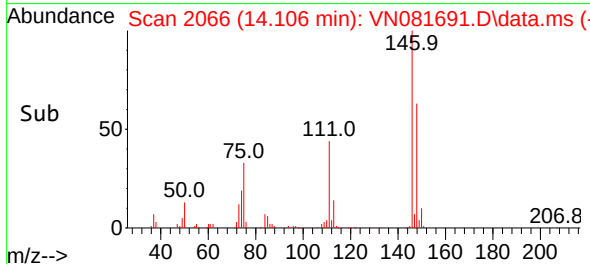
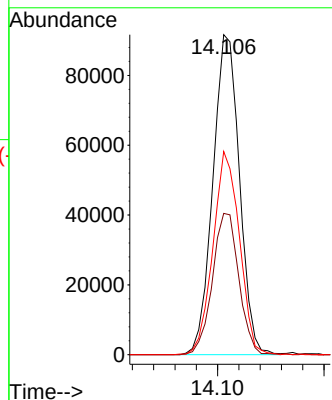
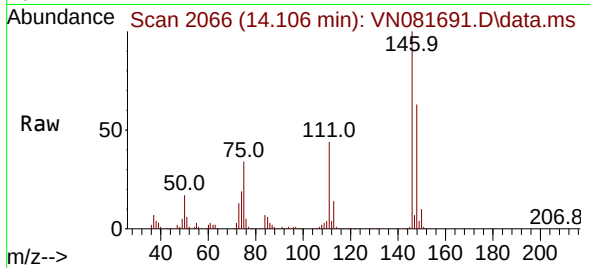
Tgt Ion:146 Resp: 15874
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.6 67.8
 148 63.2 31.3 93.8

Manual Integrations

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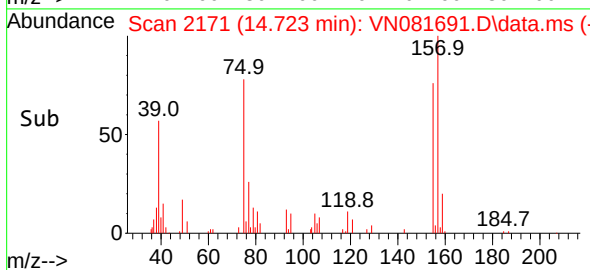
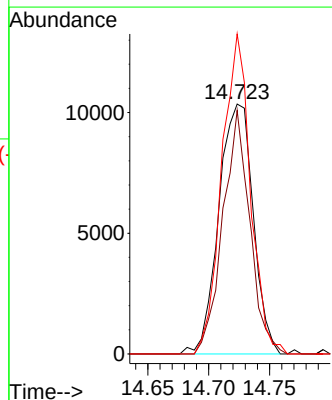
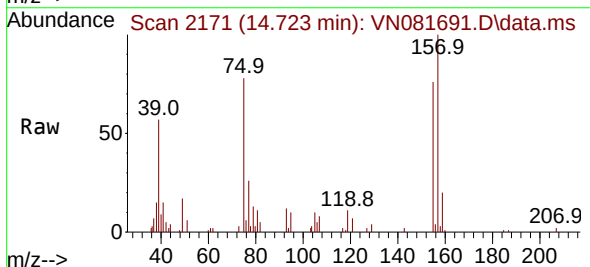
Reviewed By :John Carlone 04/11/2024

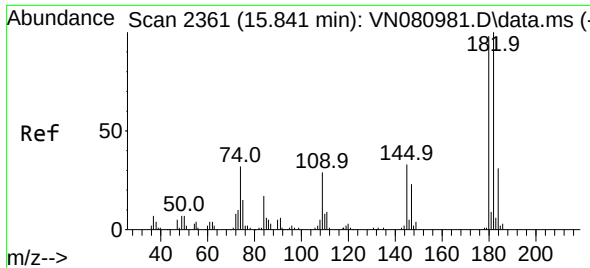
Supervised By :Mahesh Dadoda 04/11/2024



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.648 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN081691.D
 Acq: 10 Apr 2024 19:41

Tgt Ion: 75 Resp: 20329
 Ion Ratio Lower Upper
 75 100
 155 76.8 61.7 92.5
 157 106.7 83.6 125.4





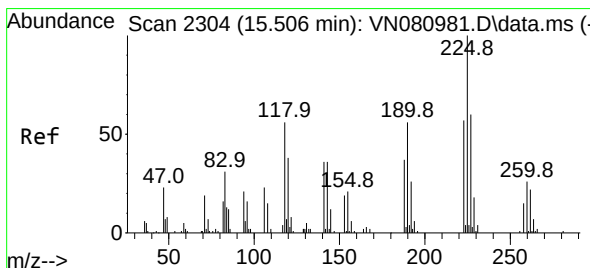
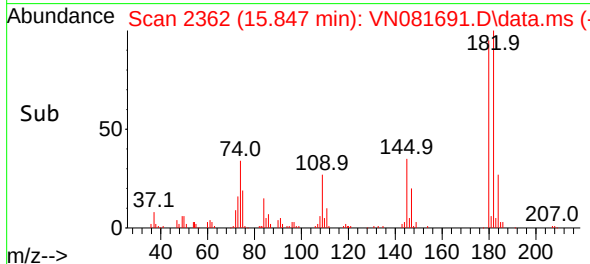
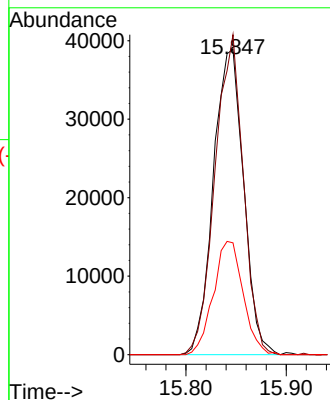
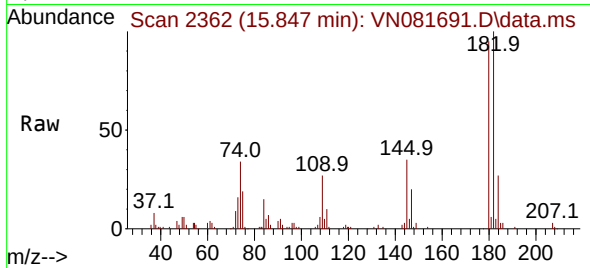
#89
1,2,4-Trichlorobenzene
Concen: 18.543 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 8139
Ion Ratio Lower Upper
180 100
182 97.9 76.4 114.6
145 36.7 28.4 42.6

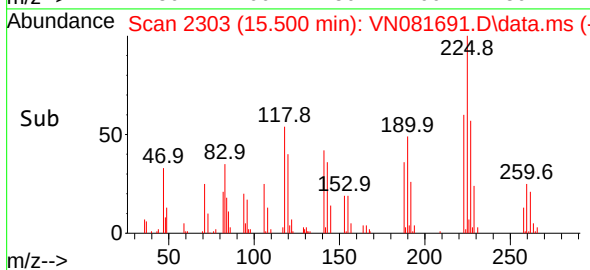
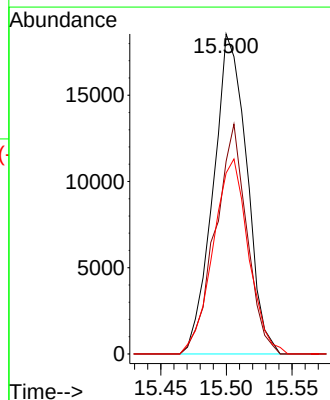
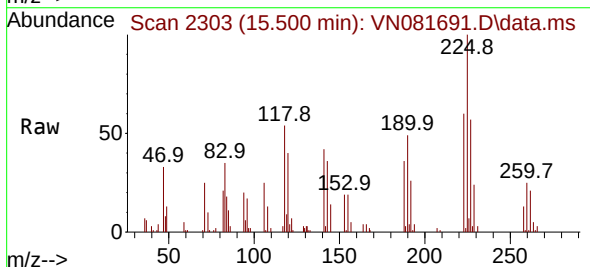
Manual Integrations
APPROVED

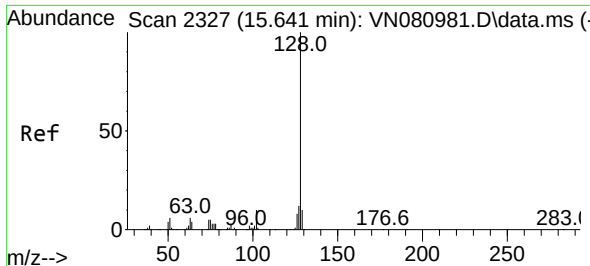
Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#90
Hexachlorobutadiene
Concen: 18.695 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

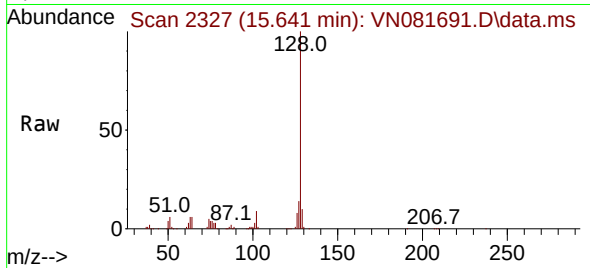
Tgt Ion:225 Resp: 32887
Ion Ratio Lower Upper
225 100
223 67.9 0.0 126.6
227 64.6 0.0 126.6





#91
Naphthalene
Concen: 18.431 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41

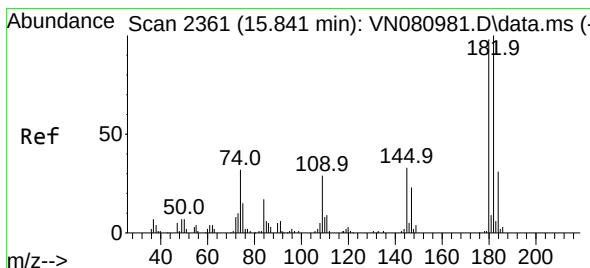
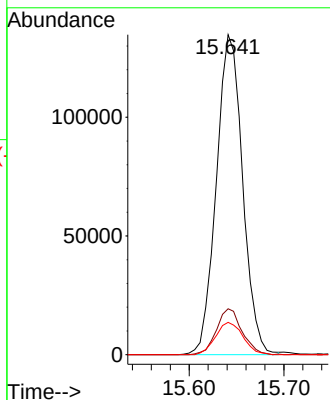
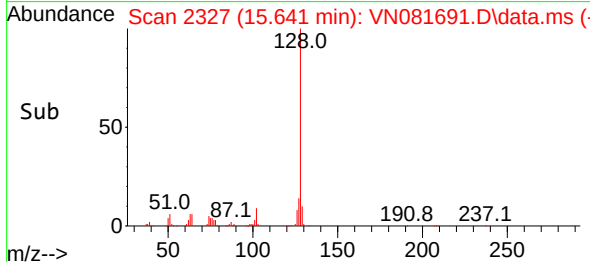
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



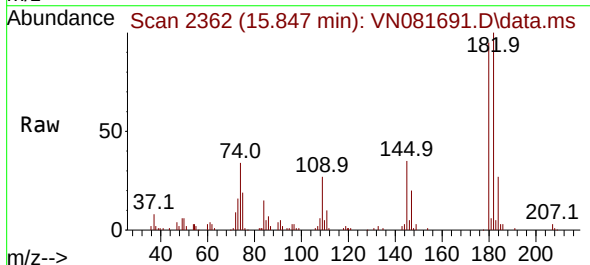
Tgt Ion:128 Resp: 260115
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 10.5 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.543 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN081691.D
Acq: 10 Apr 2024 19:41



Tgt Ion:180 Resp: 81397
Ion Ratio Lower Upper
180 100
182 97.9 0.0 191.0
145 36.7 0.0 71.0

