

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081160.D
 Acq On : 23 Feb 2024 14:50
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 24 00:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	57495	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	324931	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	305638	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	137928	31.926	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.433%			
60) 4-Bromofluorobenzene	12.853	95	140628	30.097	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.333%			
63) Toluene-d8	10.570	98	410472	29.926	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	70391	18.006	ug/l	98
3) Chloromethane	2.359	50	67144	17.091	ug/l	96
4) Vinyl Chloride	2.518	62	70990	15.156	ug/l	97
5) Bromomethane	2.965	94	45339	14.411	ug/l	98
6) Chloroethane	3.124	64	47396	15.523	ug/l	96
7) Trichlorofluoromethane	3.500	101	105002	17.024	ug/l	93
8) Diethyl Ether	3.959	74	41851	19.305	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	57678	17.230	ug/l	61
10) 1,1-Dichloroethene	4.341	96	54801	16.703	ug/l	92
11) Methyl Iodide	4.583	142	45325	12.899	ug/l	96
12) Methyl Acetate	5.024	43	70942	23.861	ug/l	89
13) Acrolein	4.177	56	78757	121.467	ug/l	98
14) Acrylonitrile	5.718	53	169439	114.765	ug/l #	91
15) Acetone	4.424	58	38326	112.843	ug/l	92
16) Carbon Disulfide	4.712	76	142056	15.776	ug/l	96
17) Allyl chloride	5.024	41	83591	20.286	ug/l	83
18) Methylene Chloride	5.277	84	67946	18.121	ug/l	90
19) trans-1,2-Dichloroethene	5.788	96	61697	16.564	ug/l	94
20) Diisopropyl ether	6.677	45	210436	21.248	ug/l	95
21) 1,1-Dichloroethane	6.565	63	119550	18.836	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	73716	17.033	ug/l	99
23) tert-Butyl Alcohol	5.524	59	61351	114.069	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	209801	19.288	ug/l #	92
25) Chloroform	7.965	83	126042	17.900	ug/l	99
26) Cyclohexane	8.259	56	94525	19.778	ug/l #	91
29) 1,1-Dichloropropene	8.371	75	87735	18.127	ug/l	99
30) 2-Butanone	7.482	43	211933	119.345	ug/l	98
31) 2,2-Dichloropropane	7.500	77	96318	17.478	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	103497	16.998	ug/l	95
33) Carbon Tetrachloride	8.365	117	87741	17.104	ug/l	97
34) Benzene	8.606	78	274442	18.555	ug/l	93
35) Methacrylonitrile	7.777	41	50191	24.047	ug/l	90
36) 1,2-Dichloroethane	8.671	62	101541	20.456	ug/l	97
37) Trichloroethene	9.353	130	66296	16.859	ug/l	87
38) Methylcyclohexane	9.606	83	100072	20.718	ug/l	99
39) 1,2-Dichloropropane	9.623	63	69950	19.939	ug/l	100
40) Dibromomethane	9.712	93	52013	19.487	ug/l	89
41) Bromodichloromethane	9.888	83	98089	18.777	ug/l	96
42) Vinyl Acetate	6.606	43	851493	112.099	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081160.D
 Acq On : 23 Feb 2024 14:50
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 24 00:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	89851	24.292	ug/l	100
44) Isopropyl Acetate	8.688	43	163291	24.571	ug/l	92
45) 1,4-Dioxane	9.700	88	30231	479.634	ug/l	94
46) Methyl methacrylate	9.688	41	72600	23.875	ug/l	88
47) n-amyl Acetate	12.494	43	139802	24.121	ug/l	91
48) t-1,3-Dichloropropene	10.841	75	103542	18.913	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	114950	19.377	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	71120	19.257	ug/l	99
51) Ethyl methacrylate	10.876	69	108096	20.942	ug/l	80
52) 1,3-Dichloropropane	11.165	76	123711	20.285	ug/l	98
53) Dibromochloromethane	11.365	129	71784	17.833	ug/l	98
54) 1,2-Dibromoethane	11.470	107	72851	19.067	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	283044	107.004	ug/l	99
56) Bromoform	12.582	173	44784	17.469	ug/l #	94
58) 4-Methyl-2-Pentanone	10.447	43	480920	121.199	ug/l #	89
59) 2-Hexanone	11.200	43	352471	120.772	ug/l	90
61) Tetrachloroethene	11.106	164	60804	17.416	ug/l	90
62) Toluene	10.635	91	301710	18.021	ug/l	99
64) Chlorobenzene	11.894	112	184565	17.999	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.964	131	65456	17.209	ug/l	95
66) Ethyl Benzene	11.964	91	320705	18.218	ug/l	97
67) m/p-Xylenes	12.076	106	249305	36.062	ug/l	97
68) o-Xylene	12.400	106	119126	17.584	ug/l	98
69) Styrene	12.412	104	205112	18.390	ug/l	97
70) Isopropylbenzene	12.700	105	314680	19.059	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	99061	19.457	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	81273m	20.392	ug/l	
73) Bromobenzene	12.982	156	75117	18.295	ug/l	97
74) n-propylbenzene	13.041	91	376416	20.060	ug/l	100
75) 2-Chlorotoluene	13.129	91	224793	19.298	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	268288	19.860	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	33451	22.180	ug/l	91
78) 4-Chlorotoluene	13.223	91	224500	19.243	ug/l	97
79) tert-butylbenzene	13.441	119	228235	20.352	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	265014	19.689	ug/l	96
81) sec-Butylbenzene	13.617	105	323634	20.608	ug/l	99
82) p-Isopropyltoluene	13.735	119	262686	19.925	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	134239	18.178	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	137943	18.610	ug/l	98
85) n-Butylbenzene	14.058	91	234840	21.588	ug/l	98
86) Hexachloroethane	14.335	117	43560	20.947	ug/l	82
87) 1,2-Dichlorobenzene	14.111	146	135105	18.792	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	18914	20.583	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	72605	20.642	ug/l	99
90) Hexachlorobutadiene	15.505	225	25810	16.726	ug/l	96
91) Naphthalene	15.647	128	263846	21.126	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	72605	20.642	ug/l	99

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

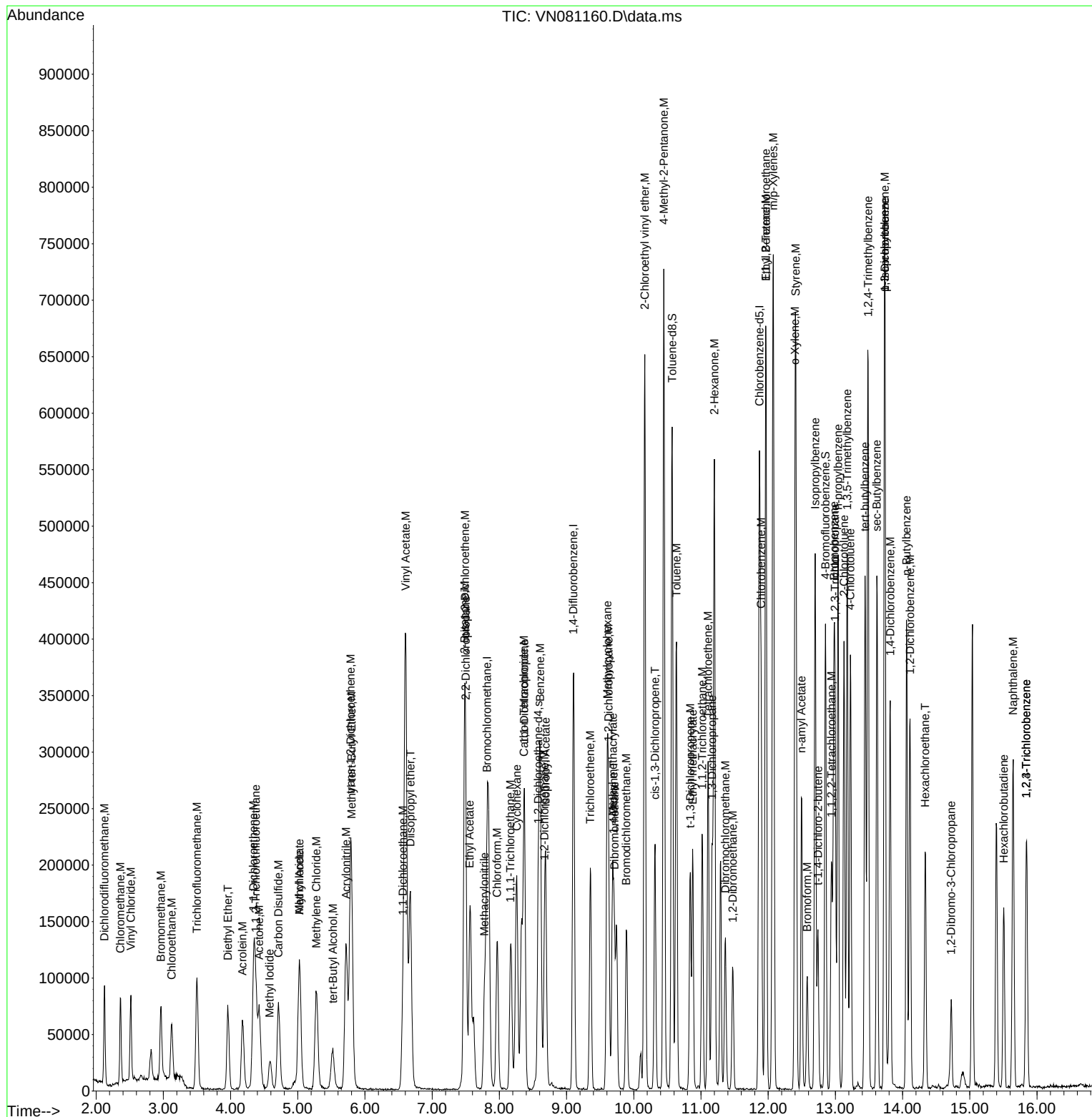
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081160.D
 Acq On : 23 Feb 2024 14:50
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

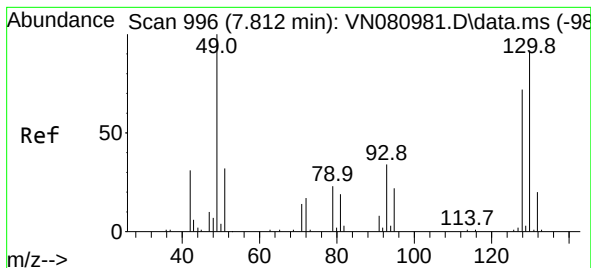
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

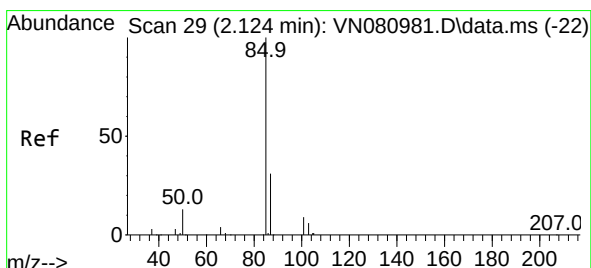
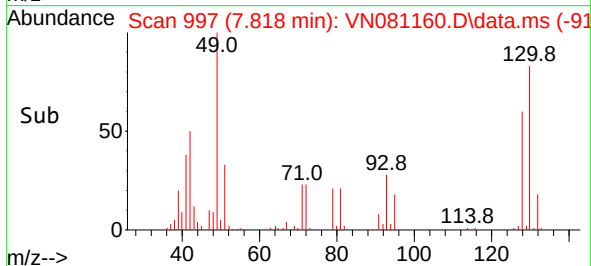
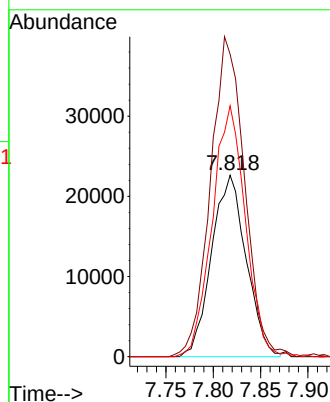
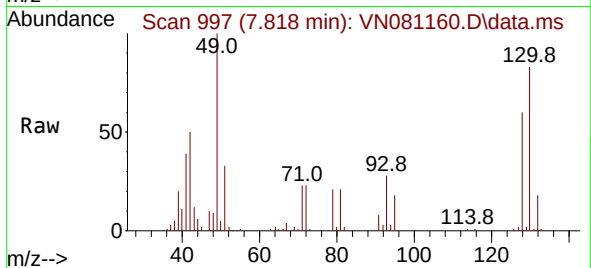
Tgt Ion:	128	Resp:	5749
Ion Ratio	Lower	Upper	
128	100		
49	172.1	0.0	403.7
130	133.0	0.0	323.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#2

Dichlorodifluoromethane

Concen: 18.006 ug/l

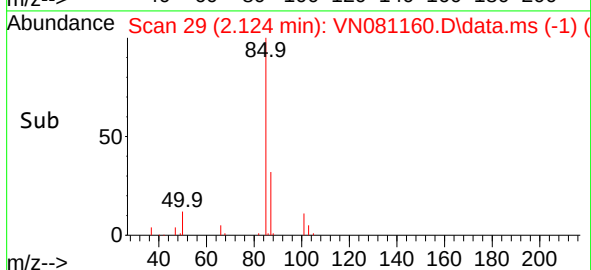
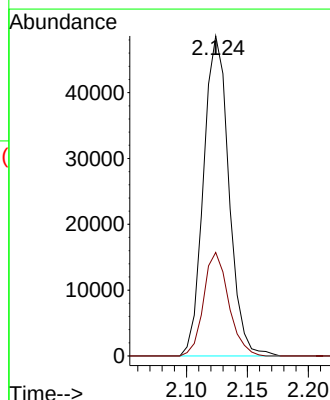
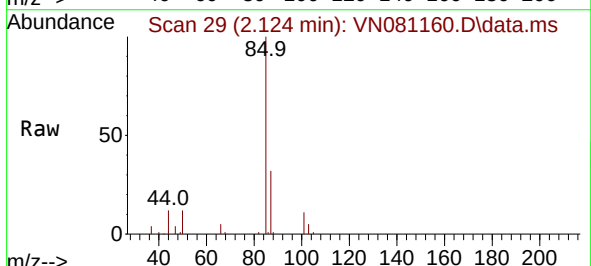
RT: 2.124 min Scan# 29

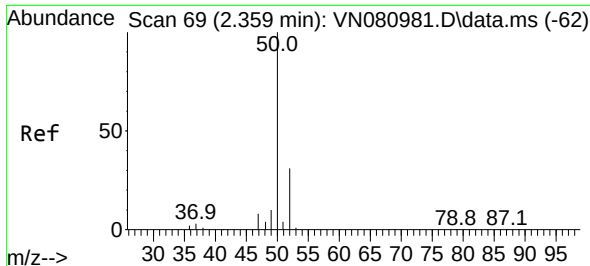
Delta R.T. -0.000 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

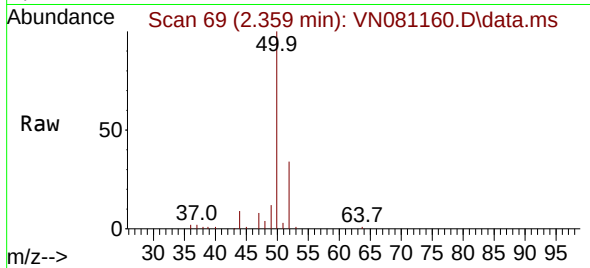
Tgt Ion:	85	Resp:	70391
Ion Ratio	Lower	Upper	
85	100		
87	32.4	16.8	50.3





#3
Chloromethane
Concen: 17.091 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

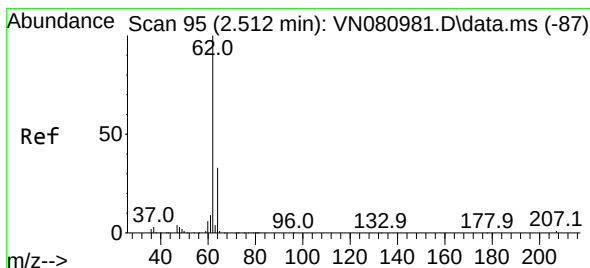
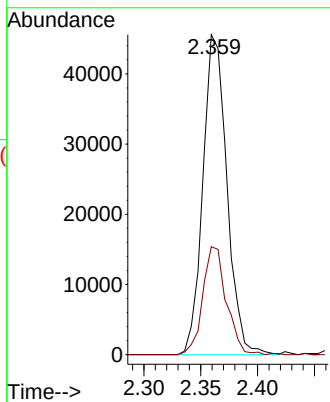
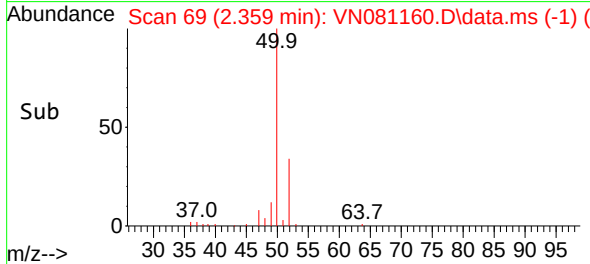
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 67144
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.0

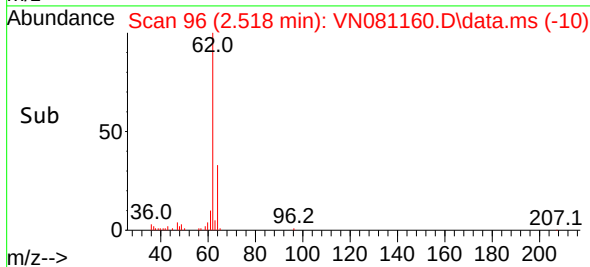
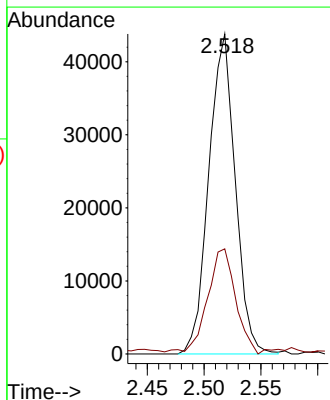
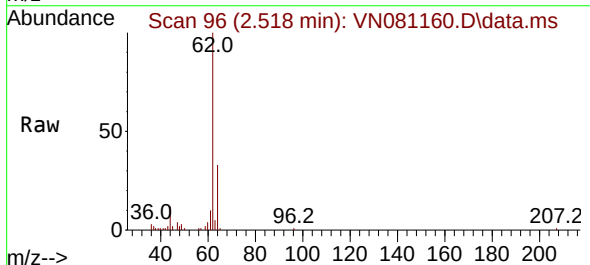
Manual Integrations
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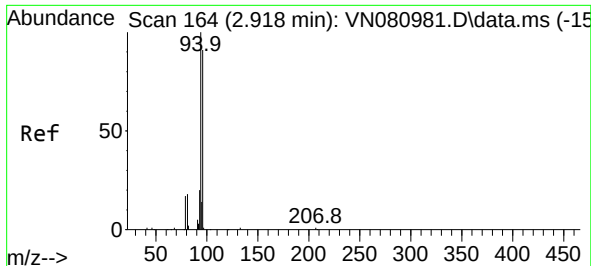
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#4
Vinyl Chloride
Concen: 15.156 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

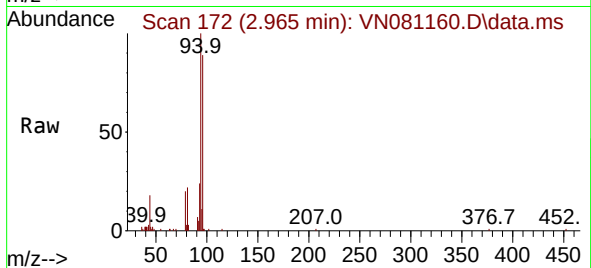
Tgt Ion: 62 Resp: 70990
Ion Ratio Lower Upper
62 100
64 31.5 24.1 36.1





#5
Bromomethane
Concen: 14.411 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

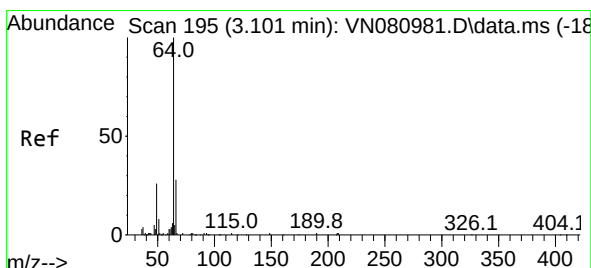
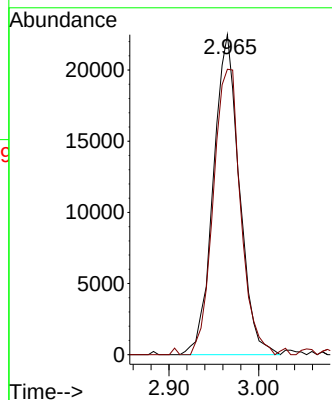
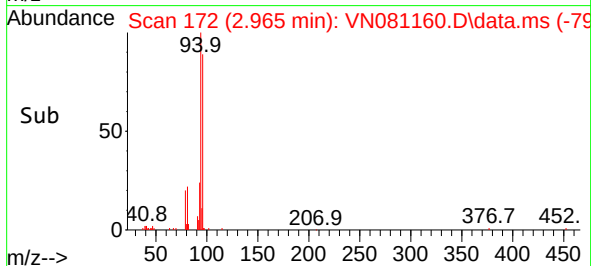
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 45339
Ion Ratio Lower Upper
94 100
96 89.2 72.8 109.2

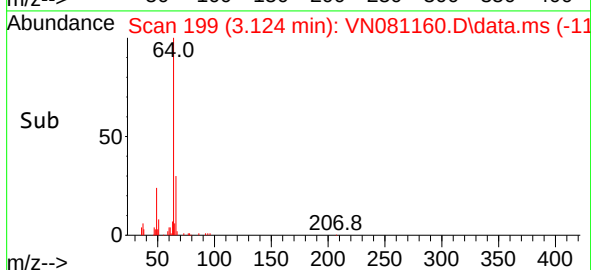
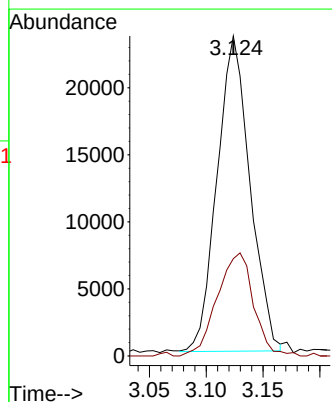
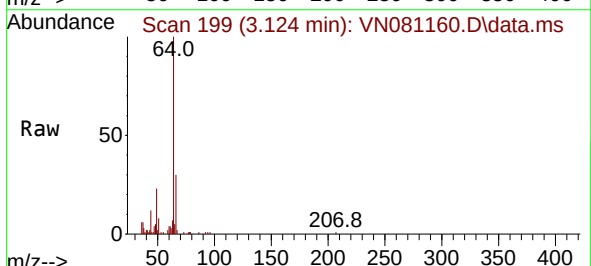
Manual Integrations
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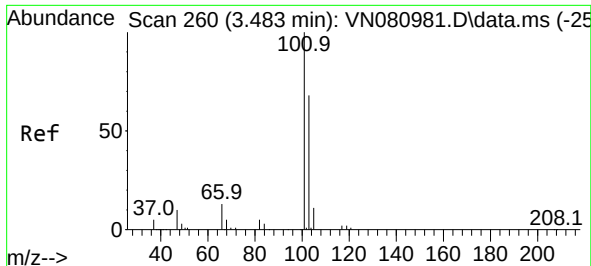
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#6
Chloroethane
Concen: 15.523 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 64 Resp: 47396
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1





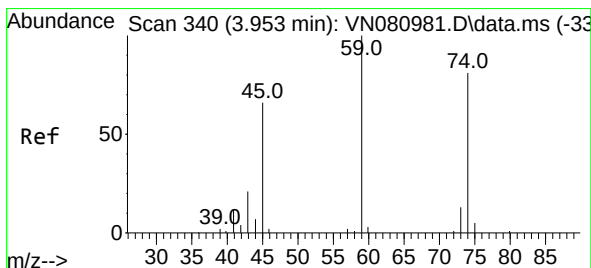
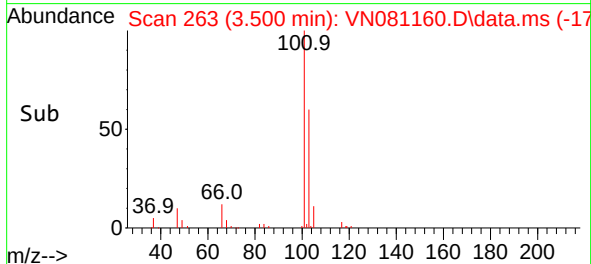
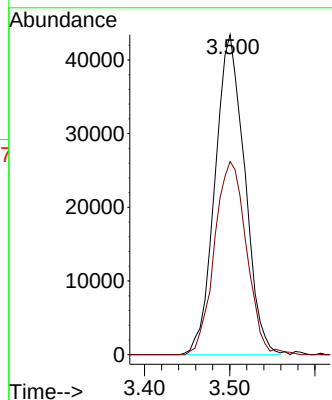
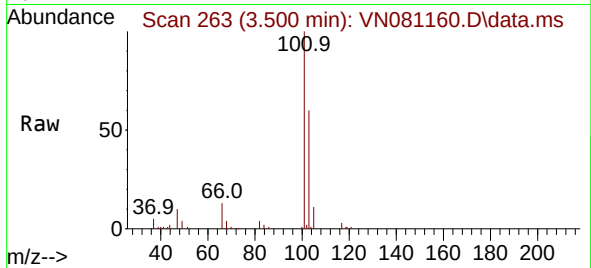
#7
Trichlorofluoromethane
Concen: 17.024 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.017 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 10500
Ion Ratio Lower Upper
101 100
103 60.3 53.0 79.4

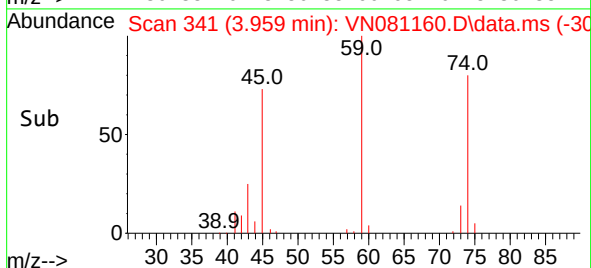
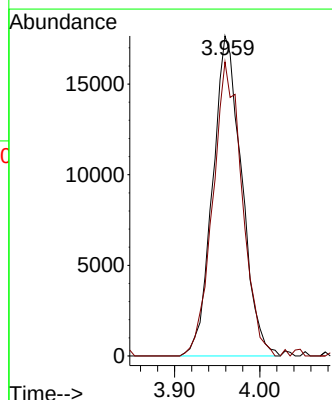
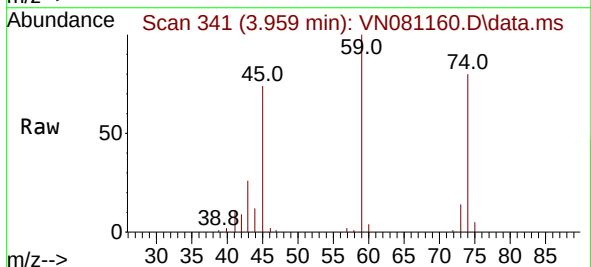
Manual Integrations
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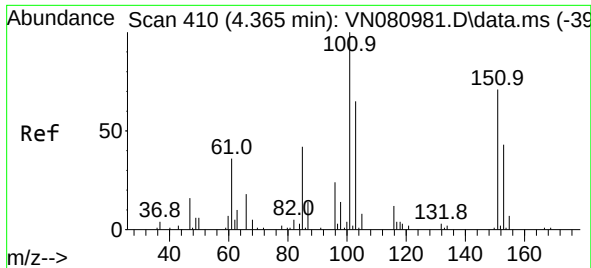
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#8
Diethyl Ether
Concen: 19.305 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 74 Resp: 41851
Ion Ratio Lower Upper
74 100
45 92.6 16.4 147.4





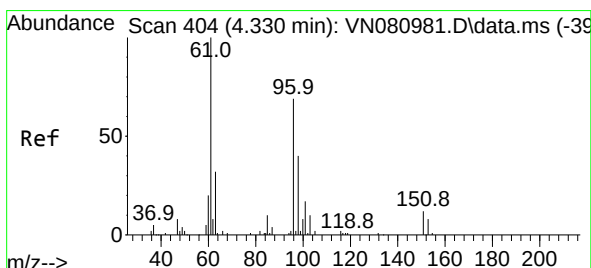
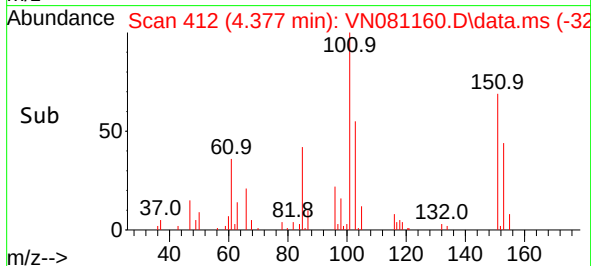
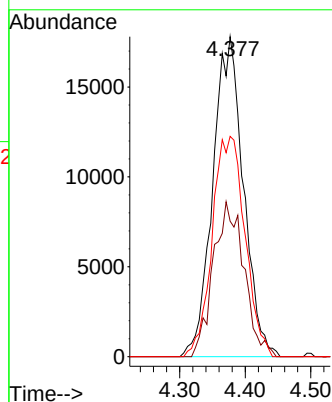
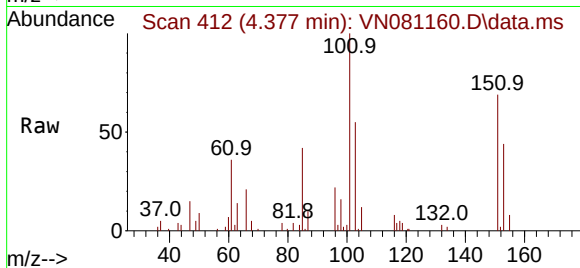
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.230 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 57678
Ion Ratio Lower Upper
101 100
85 32.4 0.0 90.6
151 35.2 0.0 157.6

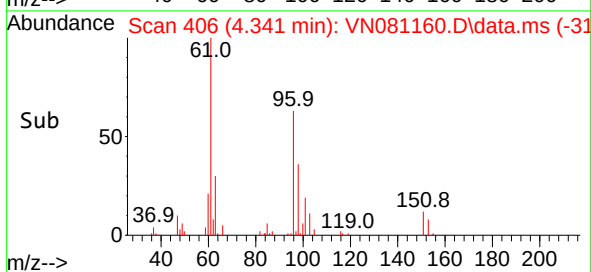
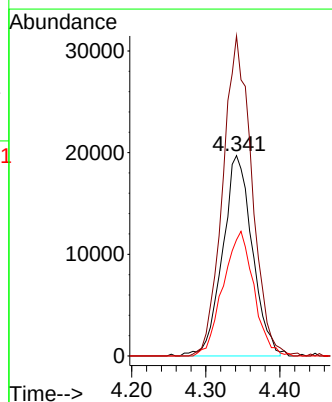
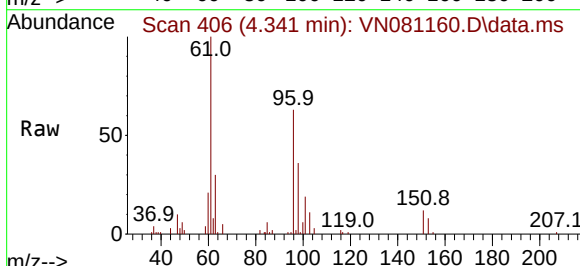
Manual Integrations
APPROVED

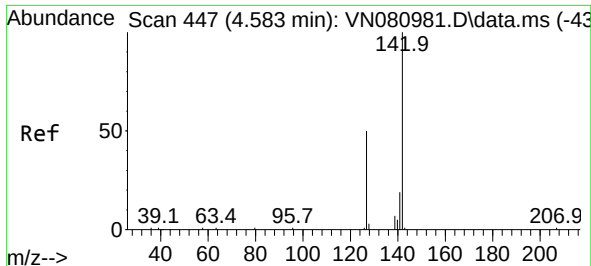
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
1,1-Dichloroethene
Concen: 16.703 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

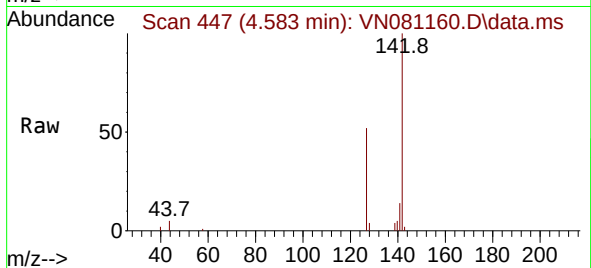
Tgt Ion: 96 Resp: 54801
Ion Ratio Lower Upper
96 100
61 159.7 117.6 176.4
98 58.0 48.4 72.6





#11
Methyl Iodide
Concen: 12.899 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

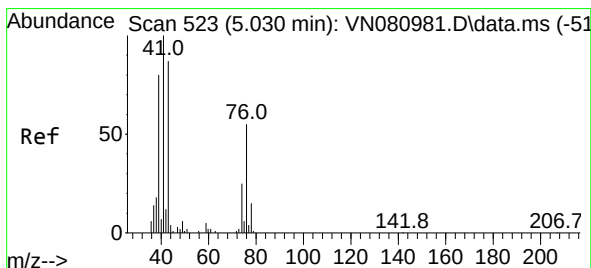
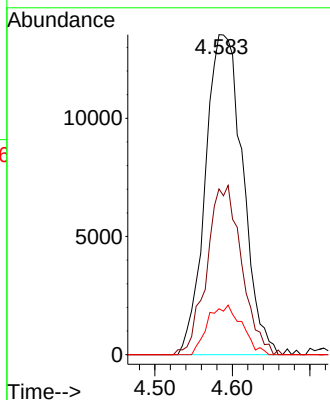
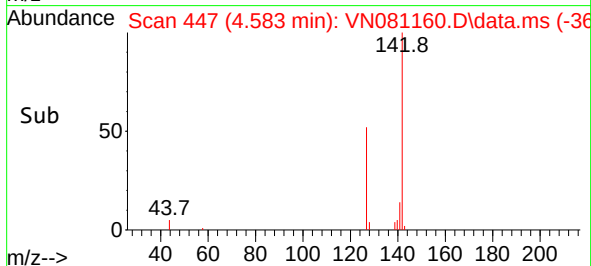
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 45325
Ion Ratio Lower Upper
142 100
127 50.3 26.3 78.9
141 13.7 8.3 24.9

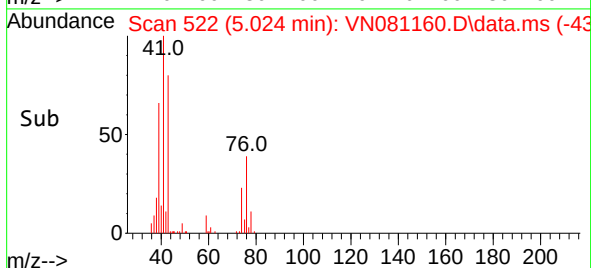
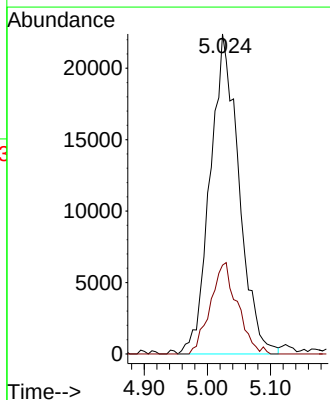
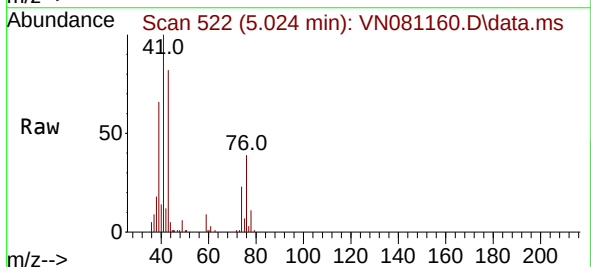
Manual Integrations
APPROVED

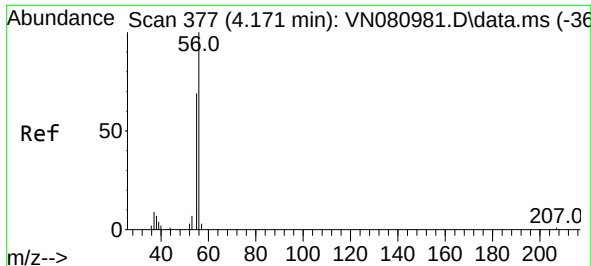
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#12
Methyl Acetate
Concen: 23.861 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 43 Resp: 70942
Ion Ratio Lower Upper
43 100
74 28.0 27.7 41.5





#13

Acrolein

Concen: 121.467 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 7875

Ion Ratio Lower Upper

56 100

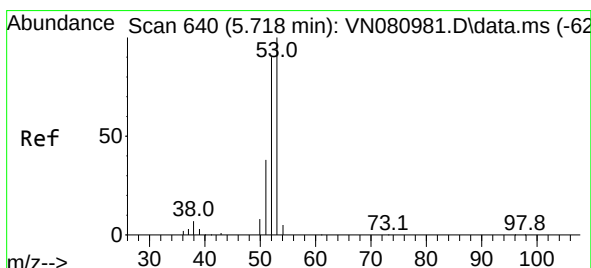
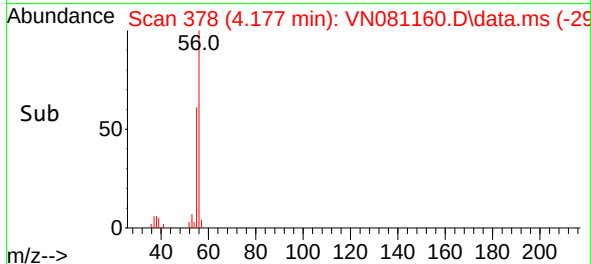
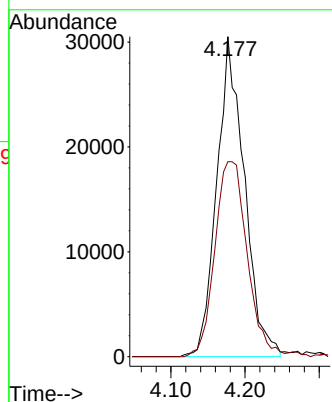
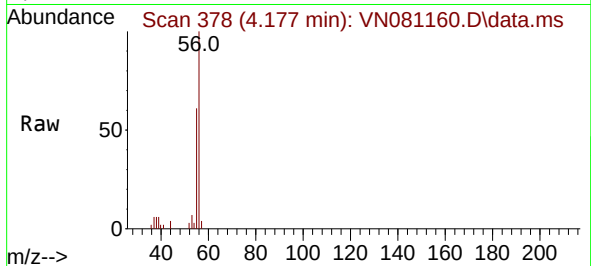
55 71.3 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#14

Acrylonitrile

Concen: 114.765 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

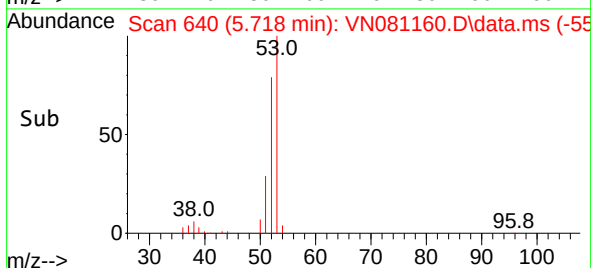
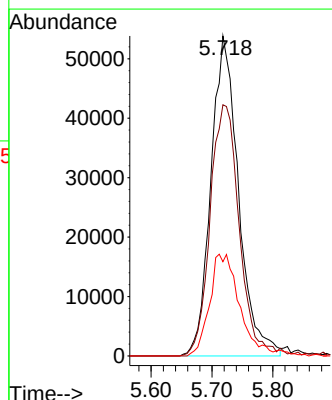
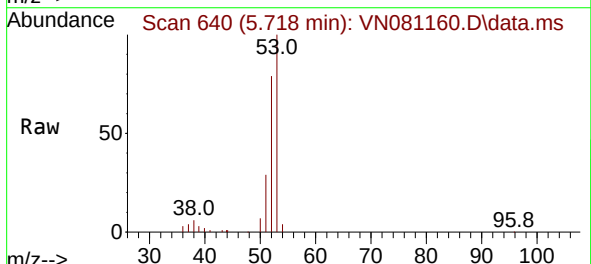
Tgt Ion: 53 Resp: 169439

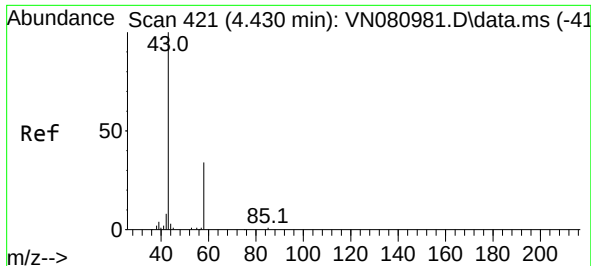
Ion Ratio Lower Upper

53 100

52 81.5 41.3 123.9

51 16.7 16.8 50.3#





#15

Acetone

Concen: 112.843 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 38320

Ion Ratio Lower Upper

58 100

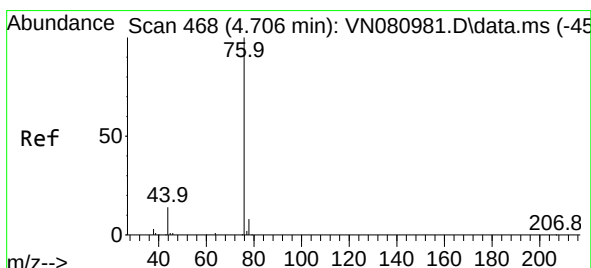
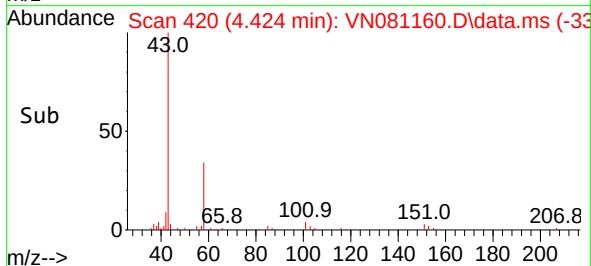
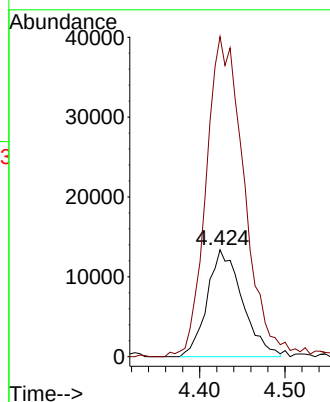
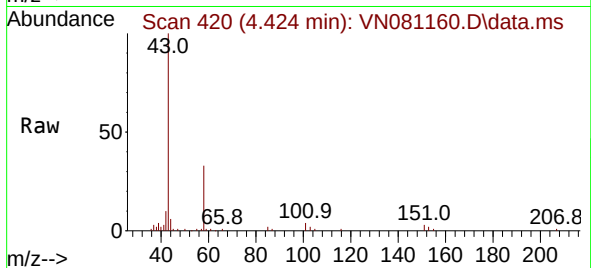
43 294.3 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#16

Carbon Disulfide

Concen: 15.776 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN081160.D

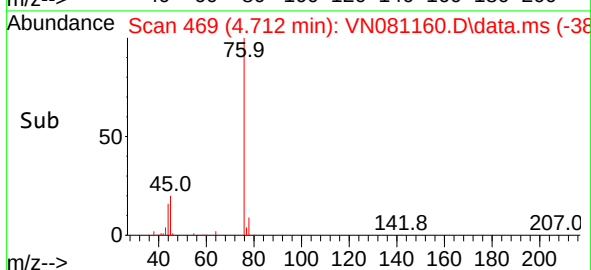
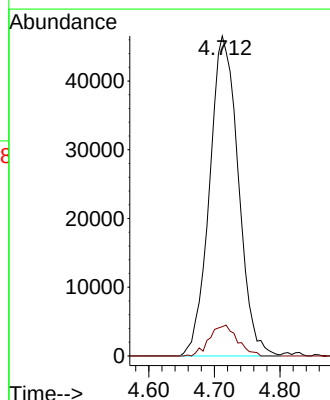
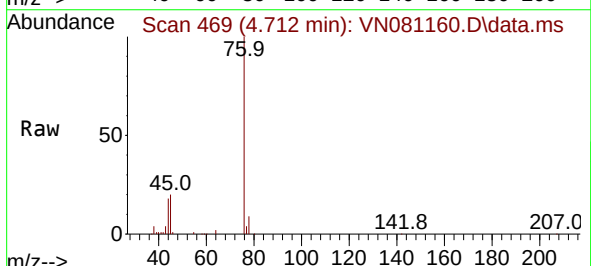
Acq: 23 Feb 2024 14:50

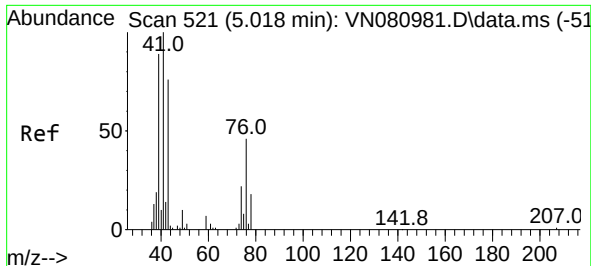
Tgt Ion: 76 Resp: 142056

Ion Ratio Lower Upper

76 100

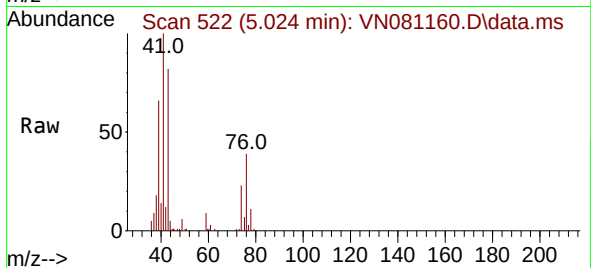
78 9.2 6.3 9.5





#17
 Allyl chloride
 Concen: 20.286 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081160.D
 Acq: 23 Feb 2024 14:50

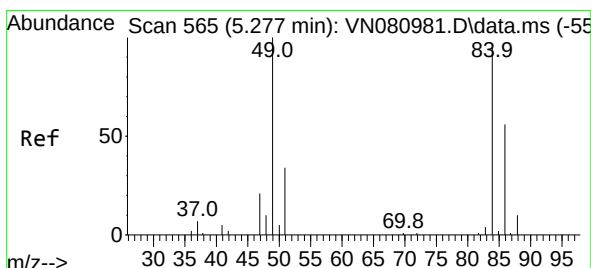
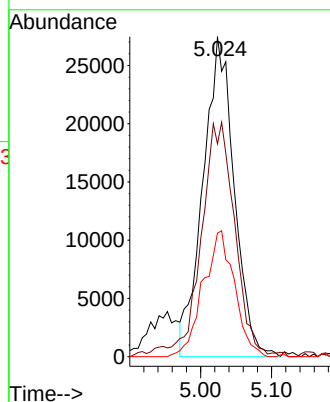
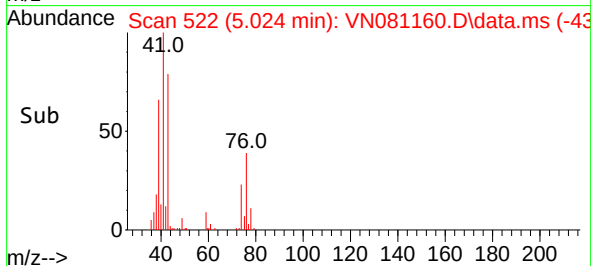
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 8359
 Ion Ratio Lower Upper
 41 100
 39 65.1 37.6 112.9
 76 38.1 27.8 83.4

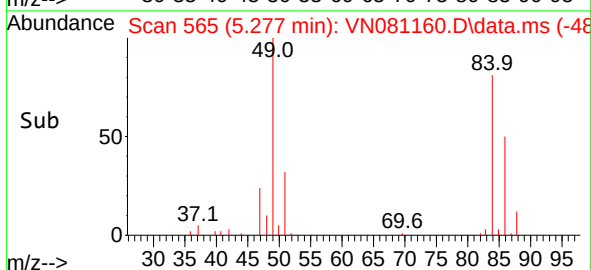
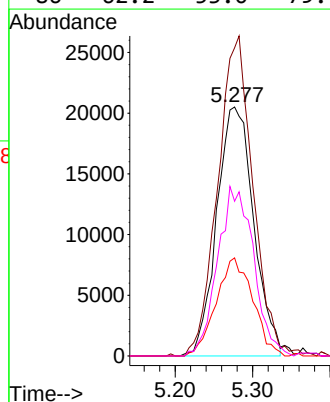
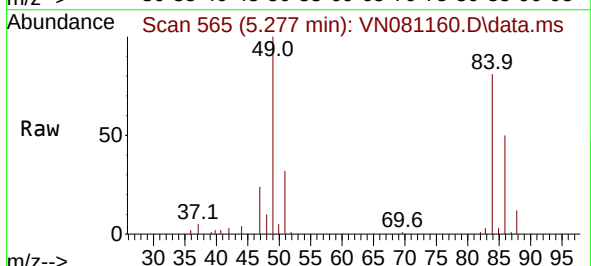
Manual Integrations
 APPROVED

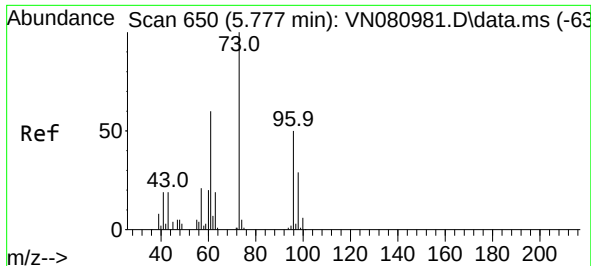
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#18
 Methylene Chloride
 Concen: 18.121 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN081160.D
 Acq: 23 Feb 2024 14:50

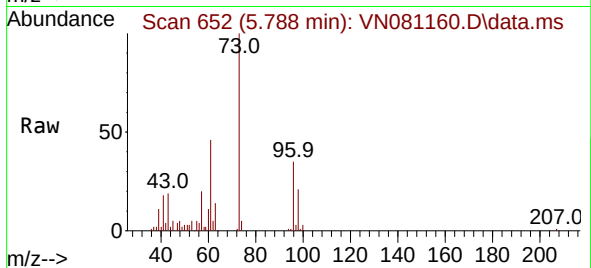
Tgt Ion: 84 Resp: 67946
 Ion Ratio Lower Upper
 84 100
 49 123.8 86.0 129.0
 51 39.4 30.0 45.0
 86 62.2 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 16.564 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

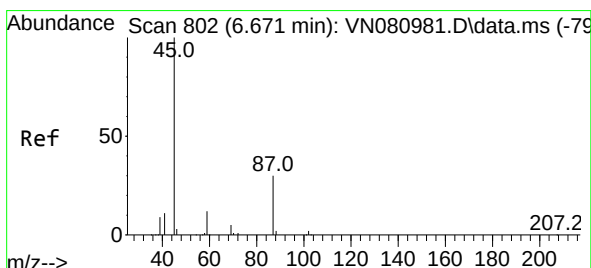
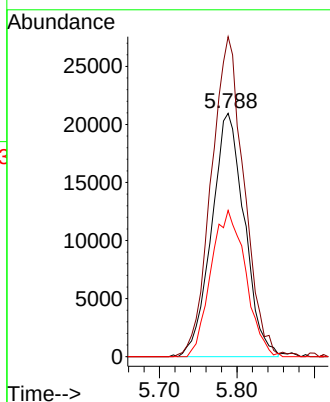
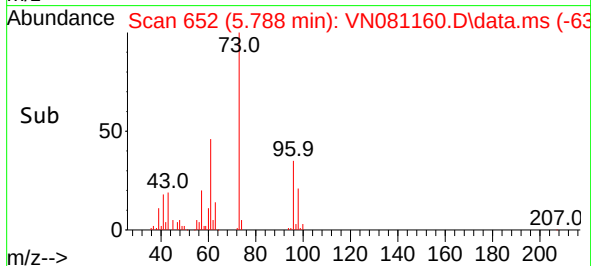
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 6169
Ion Ratio Lower Upper
96 100
61 130.5 111.8 167.6
98 60.1 49.2 73.8

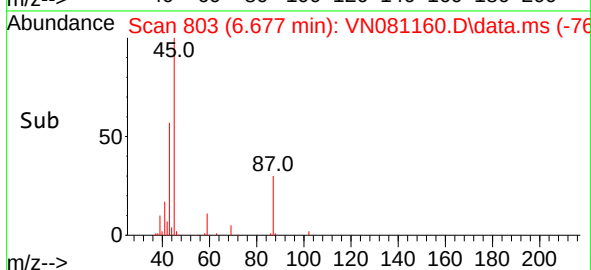
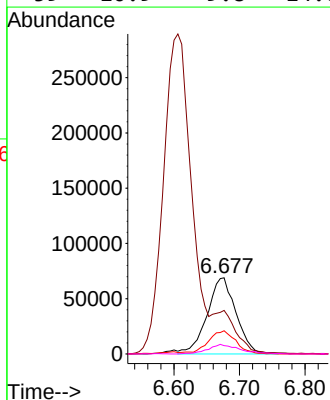
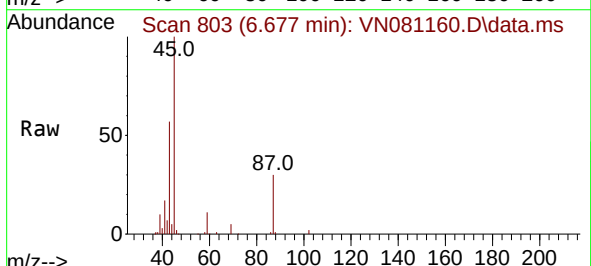
Manual Integrations
APPROVED

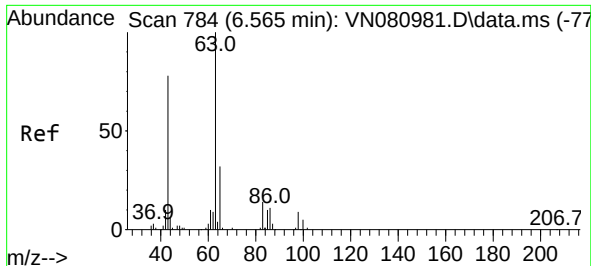
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Diisopropyl ether
Concen: 21.248 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

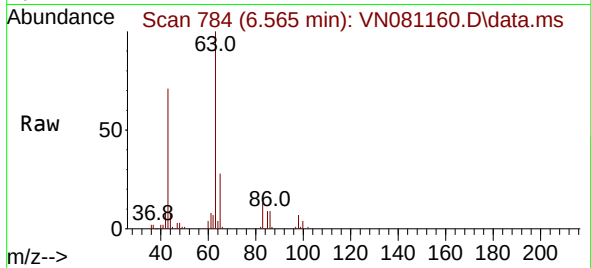
Tgt Ion: 45 Resp: 210436
Ion Ratio Lower Upper
45 100
43 56.0 40.4 60.6
87 30.6 23.8 35.8
59 10.9 9.8 14.6





#21
1,1-Dichloroethane
Concen: 18.836 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

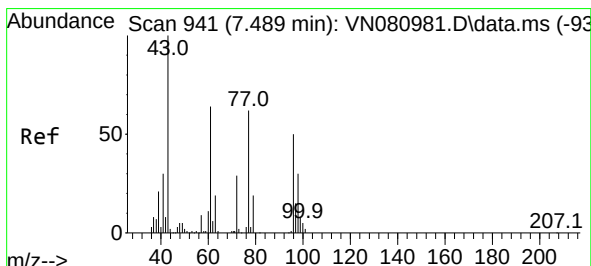
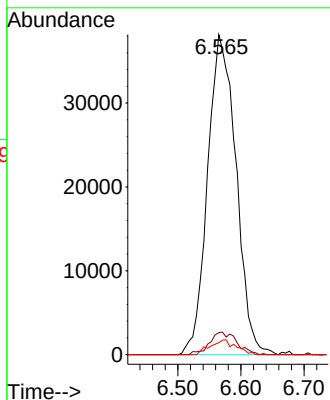
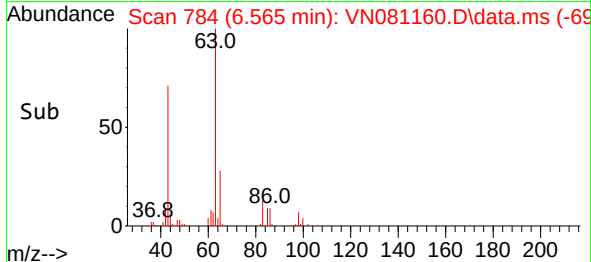
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



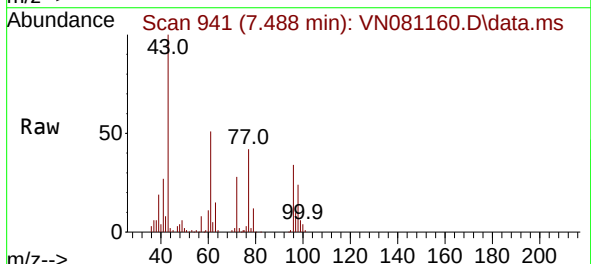
Tgt Ion: 63 Resp: 119550
Ion Ratio Lower Upper
63 100
98 6.9 4.1 12.3
100 3.7 3.0 9.0

Manual Integrations
APPROVED

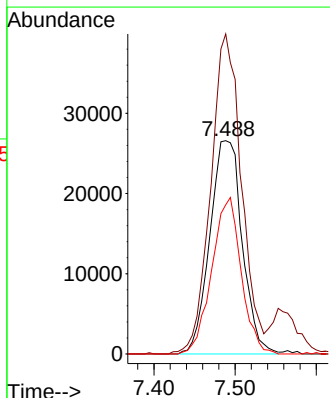
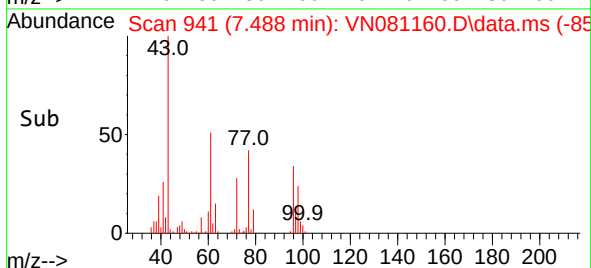
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

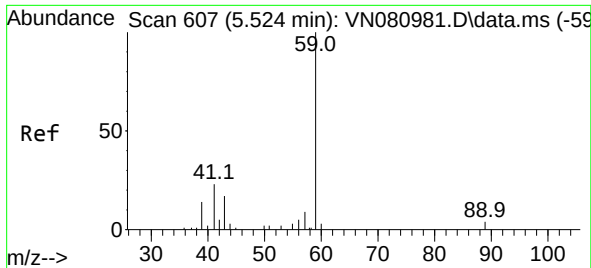


#22
cis-1,2-Dichloroethene
Concen: 17.033 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50



Tgt Ion: 96 Resp: 73716
Ion Ratio Lower Upper
96 100
61 142.3 113.5 170.3
98 66.6 52.0 78.0





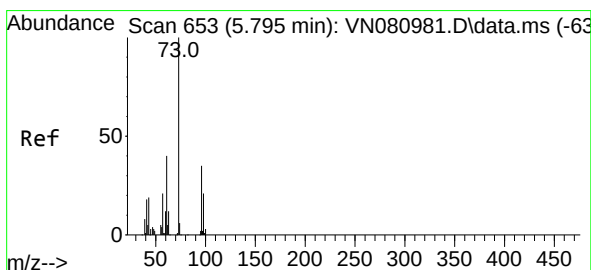
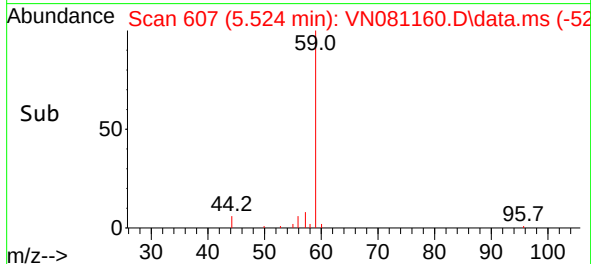
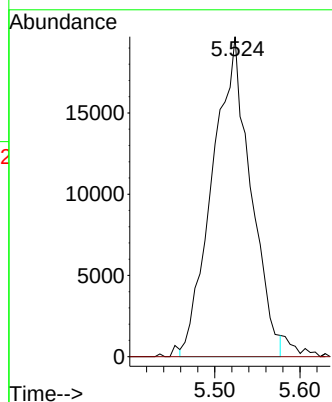
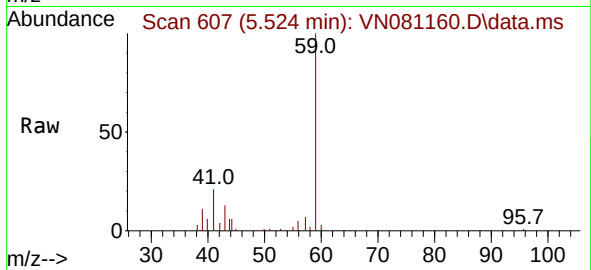
#23
tert-Butyl Alcohol
Concen: 114.069 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 6135
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

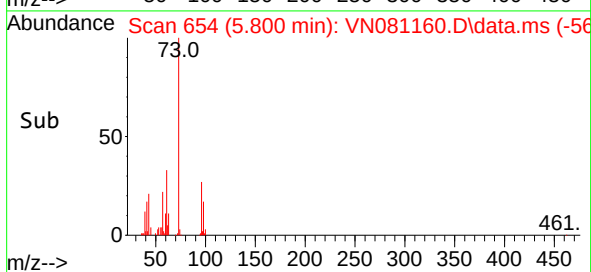
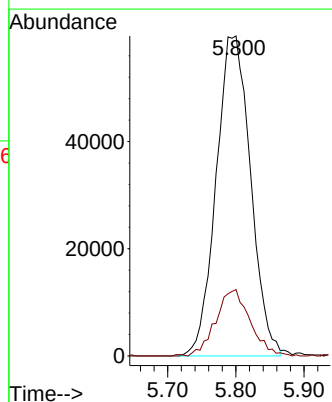
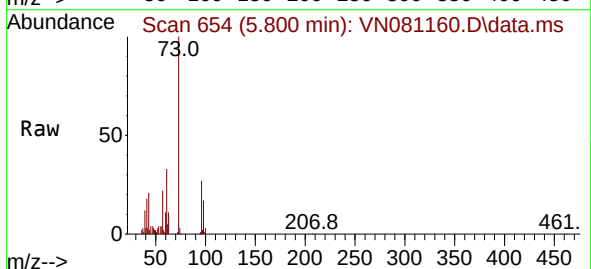
Manual Integrations
APPROVED

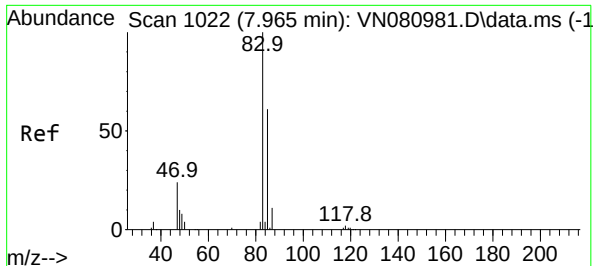
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#24
Methyl tert-Butyl Ether
Concen: 19.288 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

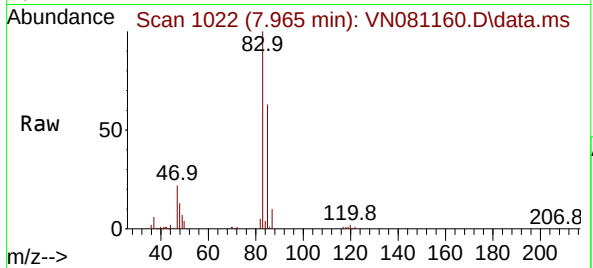
Tgt Ion: 73 Resp: 209801
Ion Ratio Lower Upper
73 100
43 20.4 13.4 20.2#





#25
Chloroform
Concen: 17.900 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

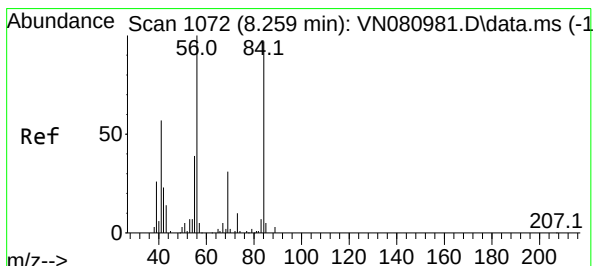
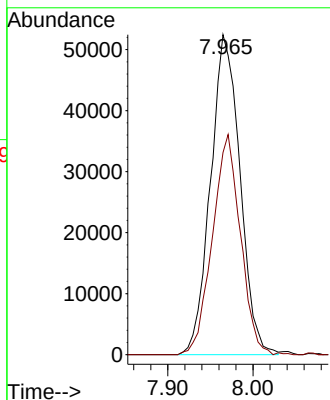
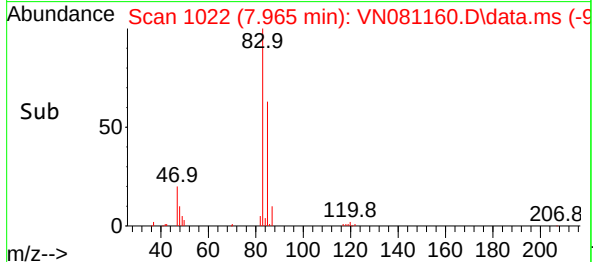
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



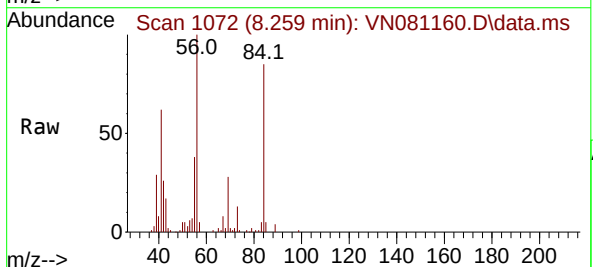
Tgt Ion: 83 Resp: 12604
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3

Manual Integrations
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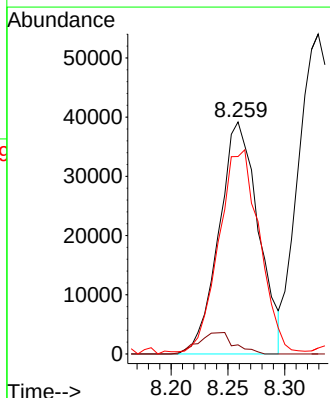
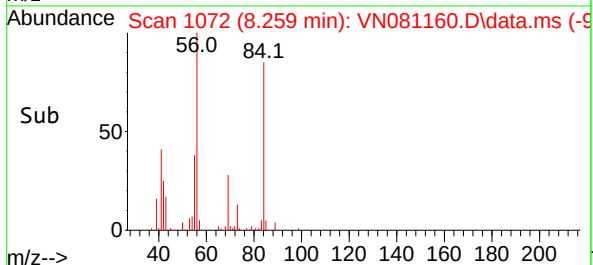
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

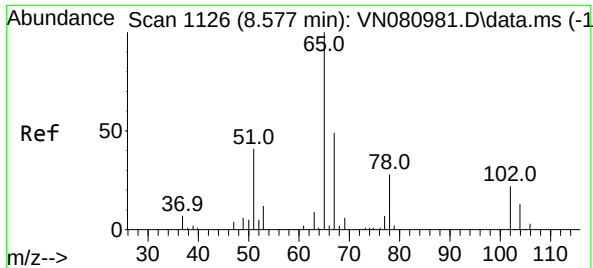


#26
Cyclohexane
Concen: 19.778 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50



Tgt Ion: 56 Resp: 94525
Ion Ratio Lower Upper
56 100
89 8.4 19.3 28.9#
84 91.6 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 31.926 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 137928

Ion Ratio Lower Upper

65 100

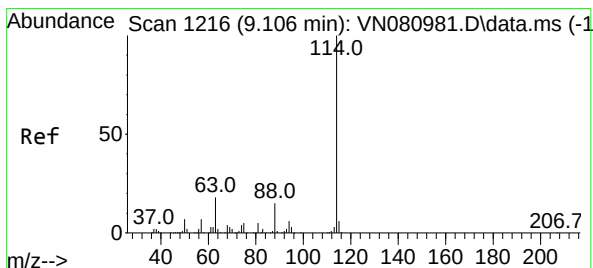
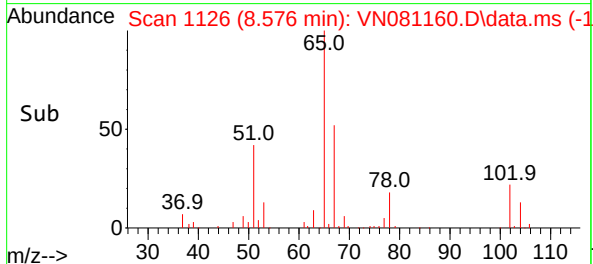
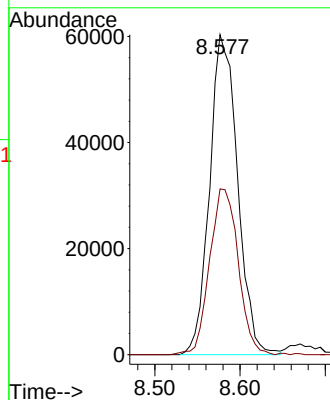
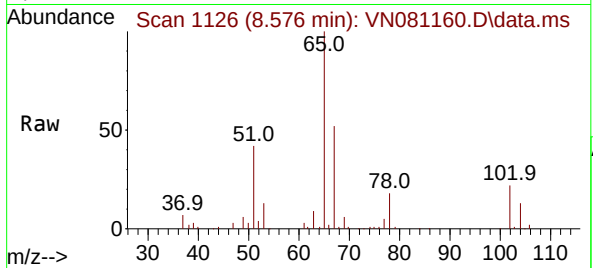
67 52.9 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

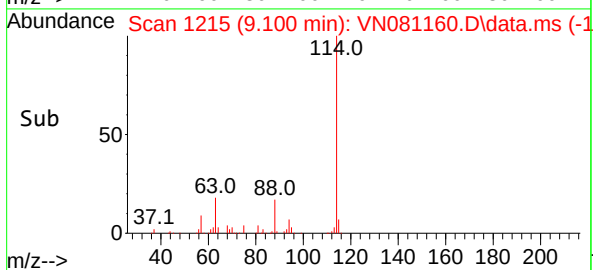
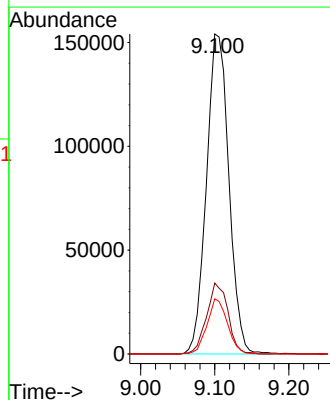
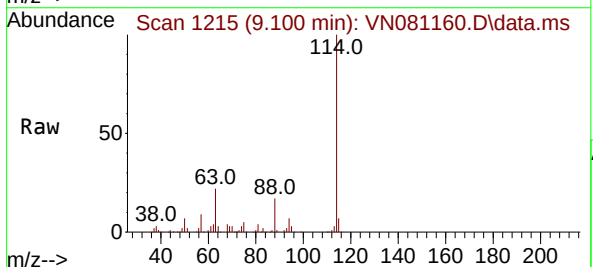
Tgt Ion:114 Resp: 324931

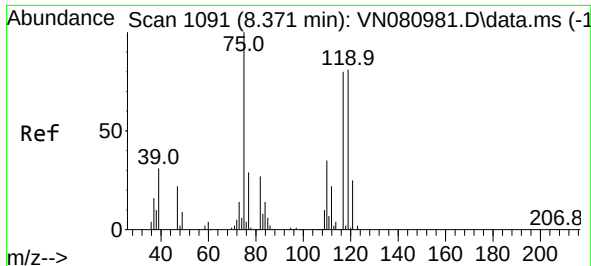
Ion Ratio Lower Upper

114 100

63 20.9 15.9 23.9

88 15.7 12.7 19.1





#29
1,1-Dichloropropene
Concen: 18.127 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

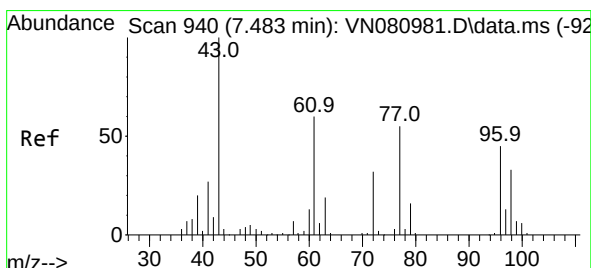
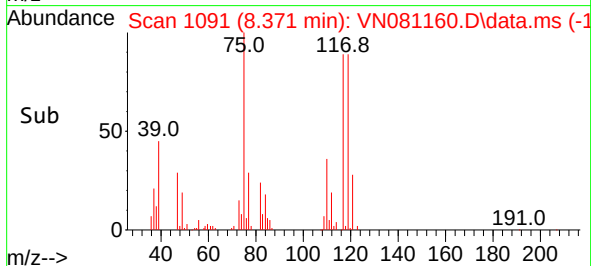
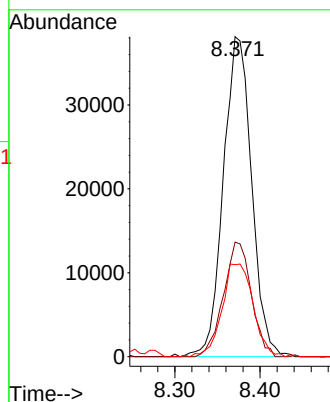
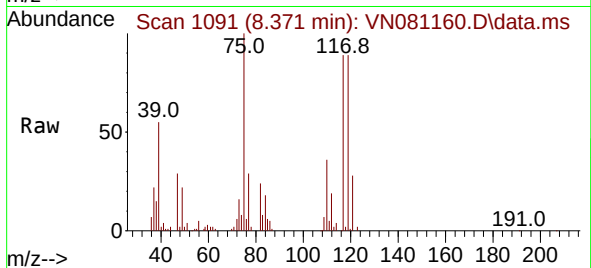
Tgt Ion: 75 Resp: 87735
Ion Ratio Lower Upper
75 100
110 35.4 0.0 70.2
77 31.8 0.0 61.4

Manual Integrations

APPROVED

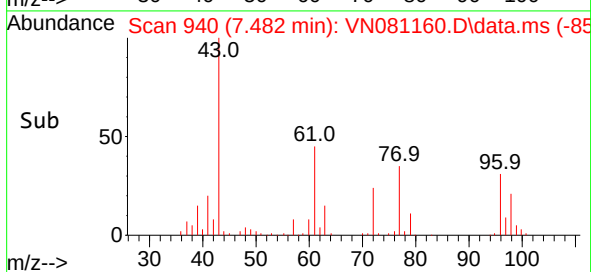
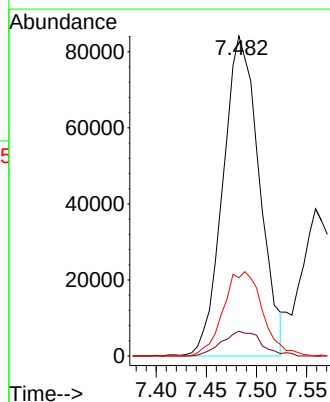
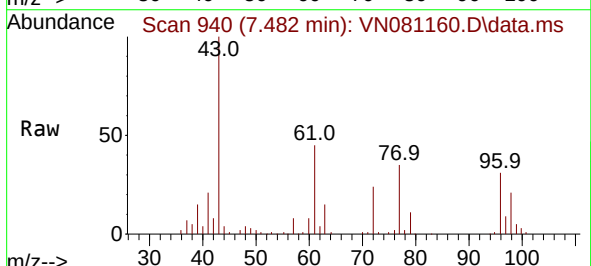
Reviewed By :John Carlone 02/26/2024

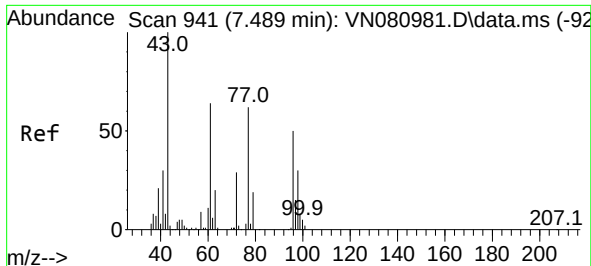
Supervised By :Mahesh Dadoda 02/26/2024



#30
2-Butanone
Concen: 119.345 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 43 Resp: 211933
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 28.6 24.0 36.0





#31

2,2-Dichloropropane

Concen: 17.478 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.012 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 96318

Ion Ratio Lower Upper

77 100

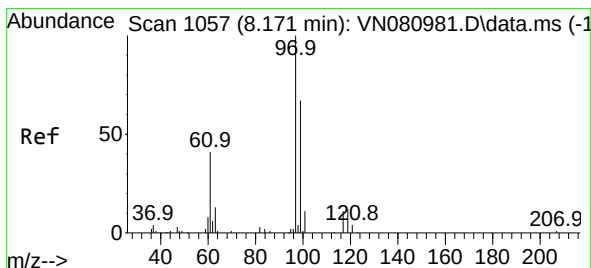
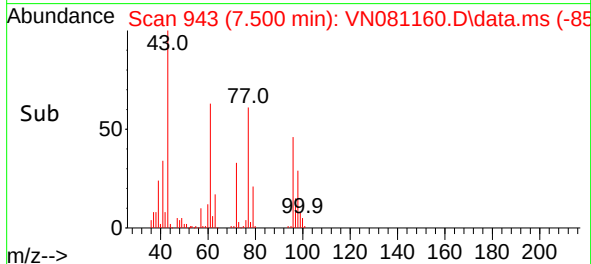
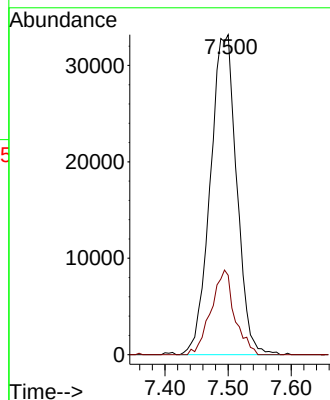
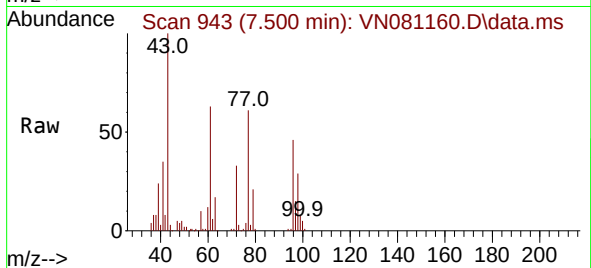
97 23.7 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#32

1,1,1-Trichloroethane

Concen: 16.998 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

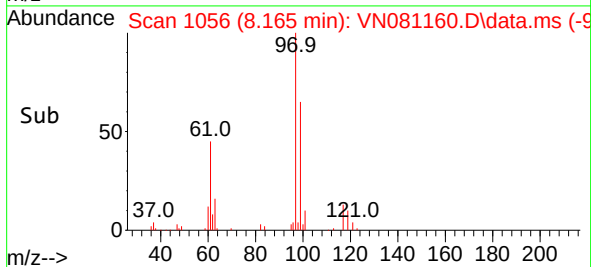
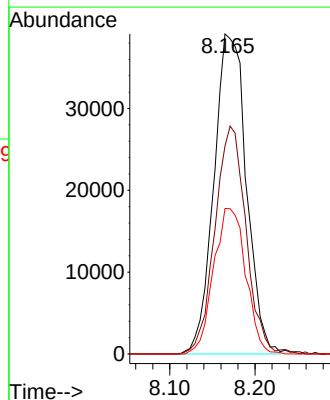
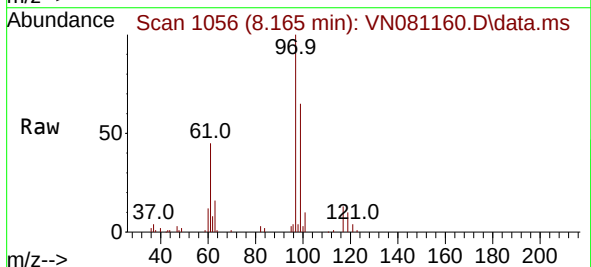
Tgt Ion: 97 Resp: 103497

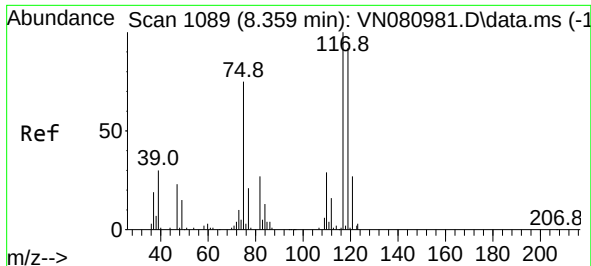
Ion Ratio Lower Upper

97 100

99 67.8 51.0 76.4

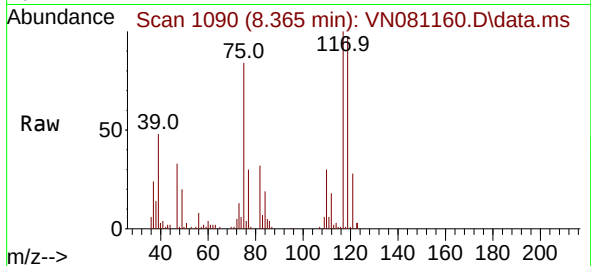
61 45.0 33.8 50.8





#33
Carbon Tetrachloride
Concen: 17.104 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

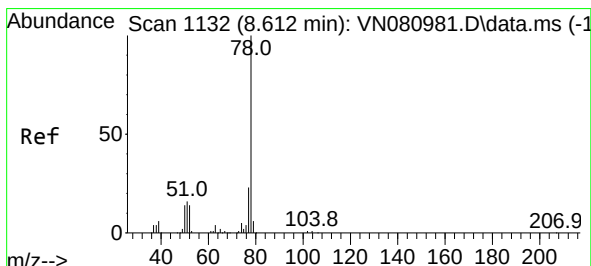
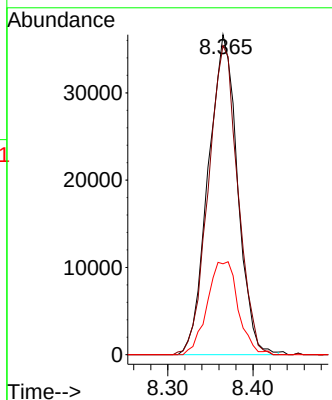
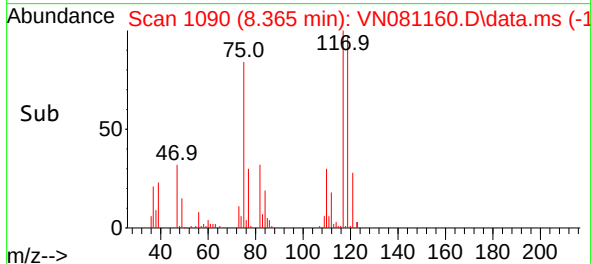
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 8774
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5
121 28.4 27.0 40.6

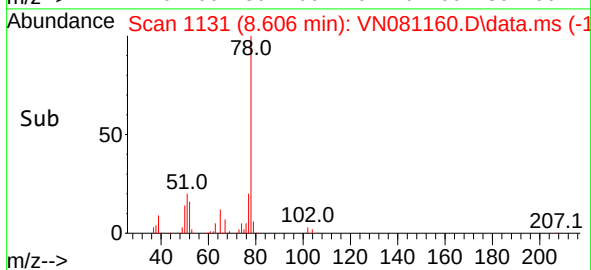
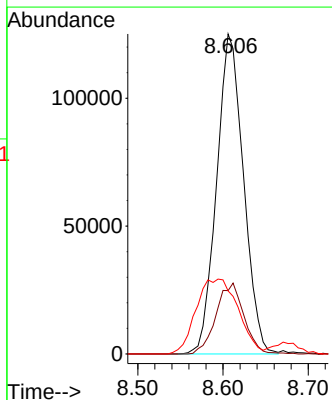
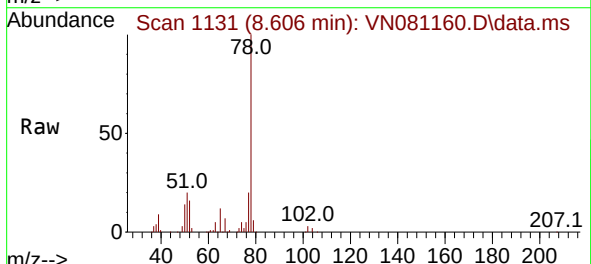
Manual Integrations
APPROVED

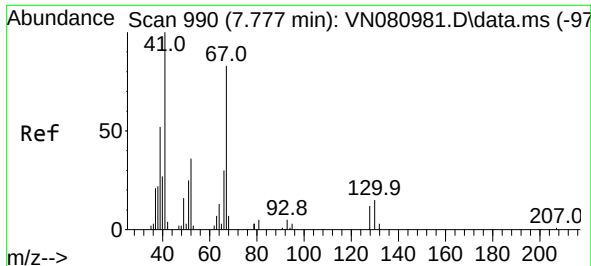
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#34
Benzene
Concen: 18.555 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

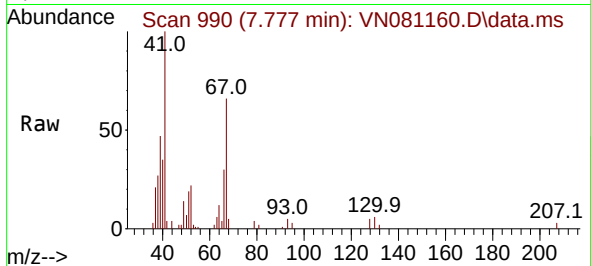
Tgt Ion: 78 Resp: 274442
Ion Ratio Lower Upper
78 100
77 19.8 19.2 28.8
51 18.3 13.3 19.9





#35
Methacrylonitrile
Concen: 24.047 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

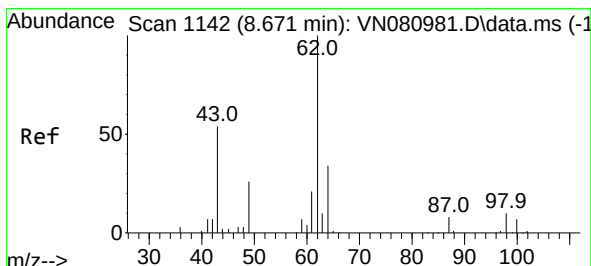
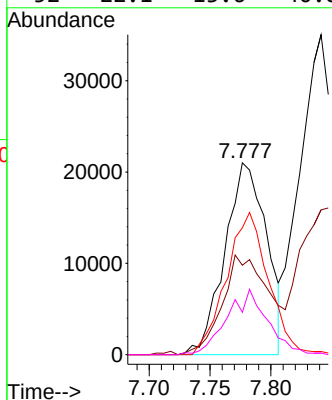
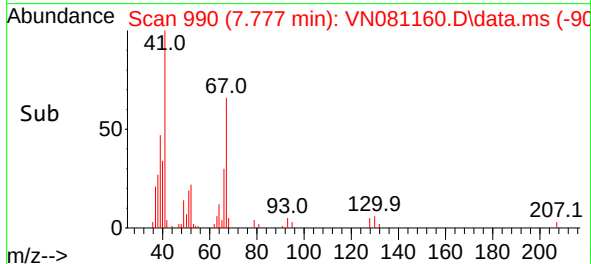
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 5019
Ion Ratio Lower Upper
41 100
39 46.6 25.3 75.9
67 66.1 38.7 116.1
52 22.1 13.6 40.8

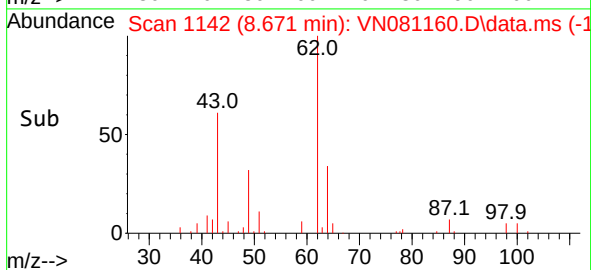
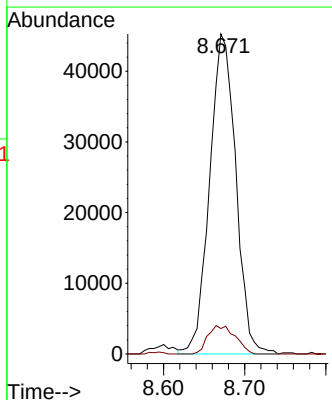
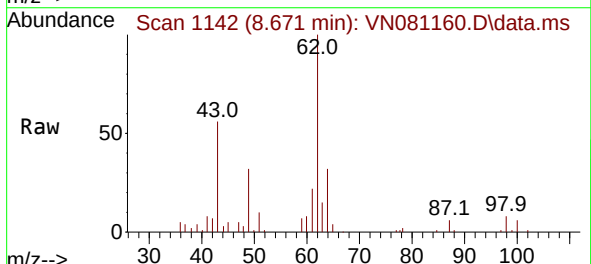
Manual Integrations
APPROVED

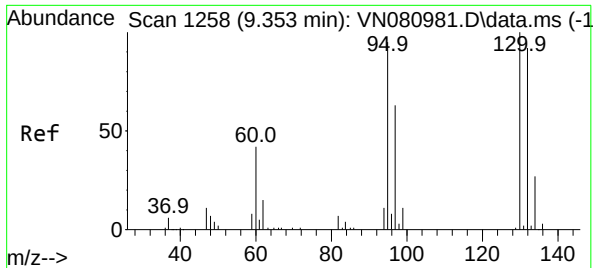
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#36
1,2-Dichloroethane
Concen: 20.456 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

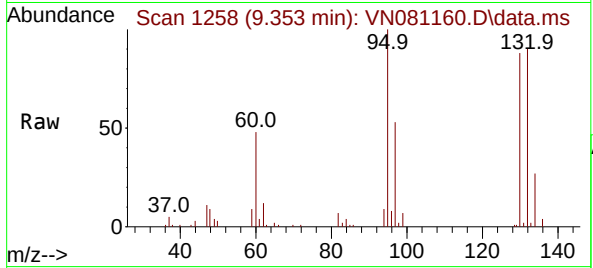
Tgt Ion: 62 Resp: 101541
Ion Ratio Lower Upper
62 100
98 9.2 8.2 12.4





#37
Trichloroethene
Concen: 16.859 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

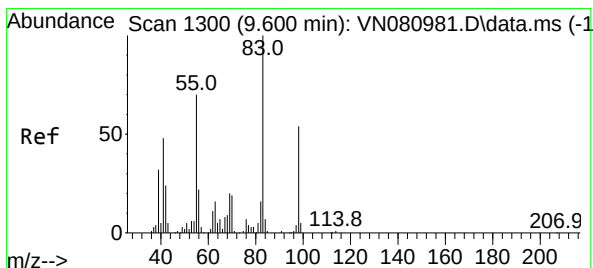
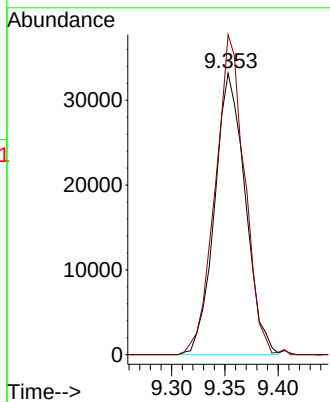
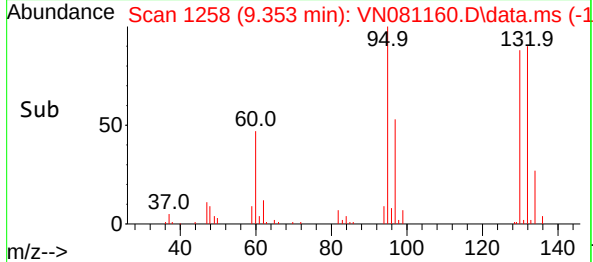
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



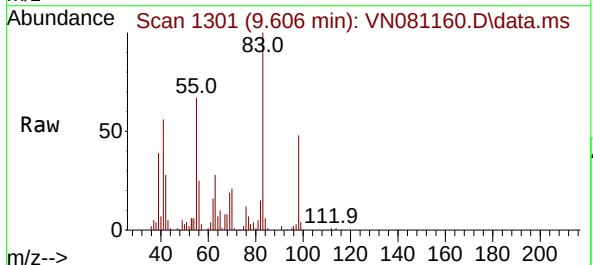
Tgt Ion:130 Resp: 66290
Ion Ratio Lower Upper
130 100
95 113.7 80.2 120.4

Manual Integrations
APPROVED

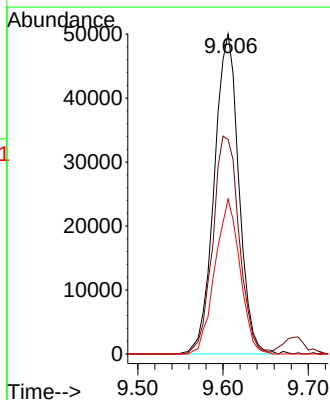
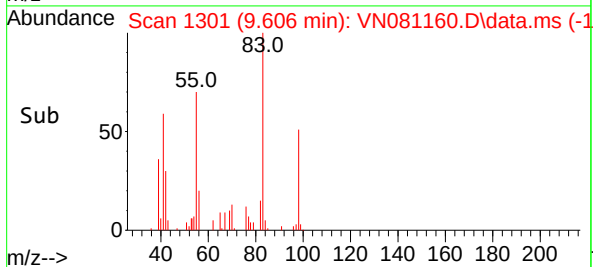
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

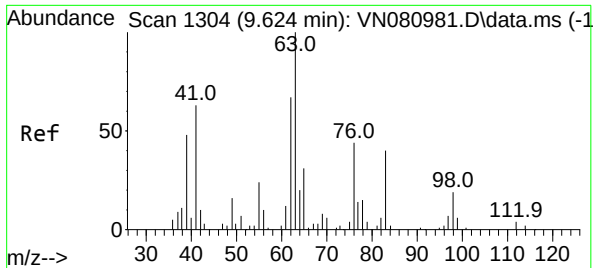


#38
Methylcyclohexane
Concen: 20.718 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50



Tgt Ion: 83 Resp: 100072
Ion Ratio Lower Upper
83 100
55 73.2 36.6 109.9
98 49.2 23.8 71.5





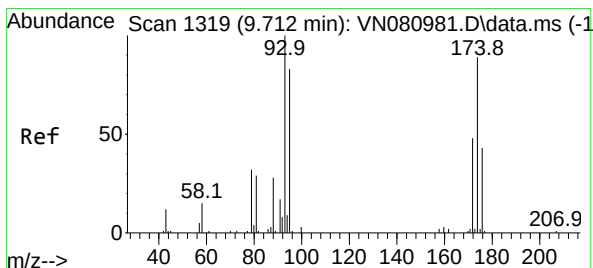
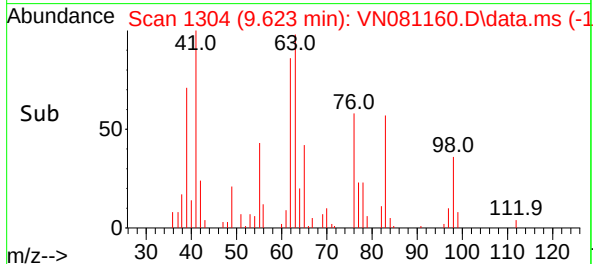
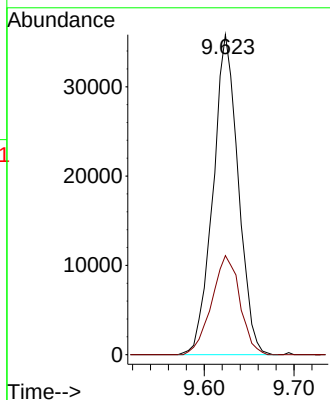
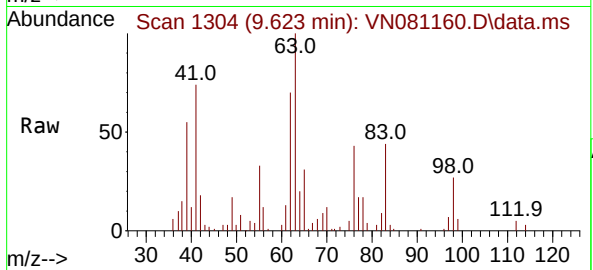
#39
1,2-Dichloropropane
Concen: 19.939 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 69950
Ion Ratio Lower Upper
63 100
65 31.0 25.0 37.4

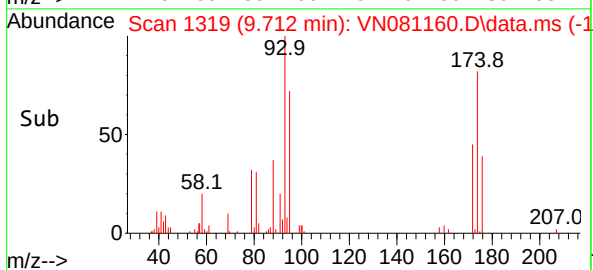
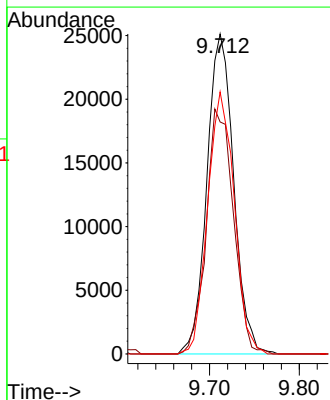
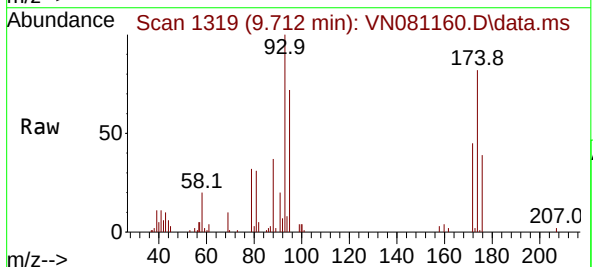
Manual Integrations
APPROVED

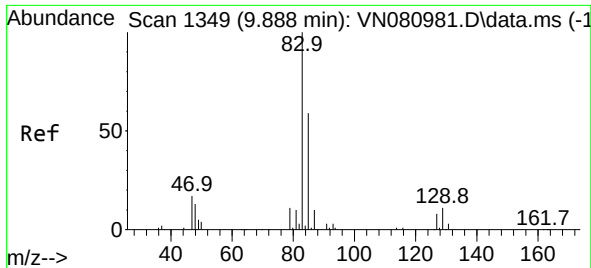
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#40
Dibromomethane
Concen: 19.487 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 93 Resp: 52013
Ion Ratio Lower Upper
93 100
95 77.6 0.0 164.6
174 81.6 0.0 193.2





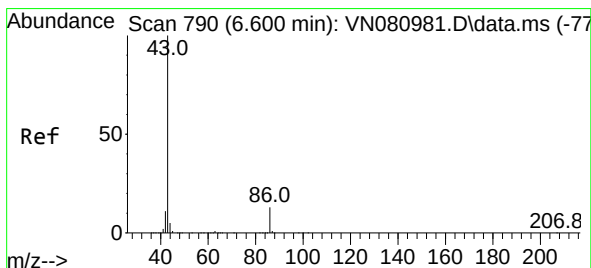
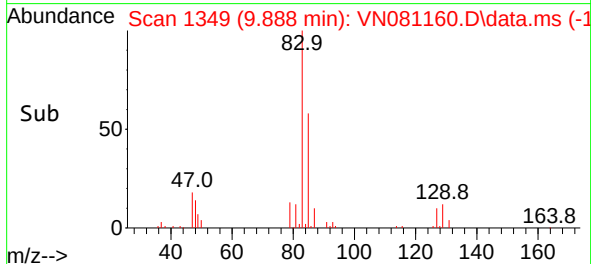
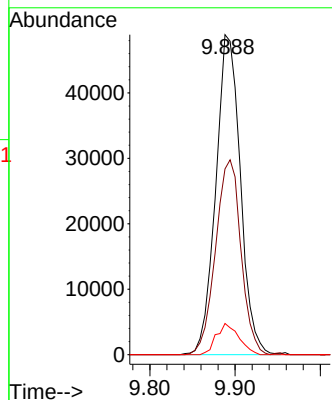
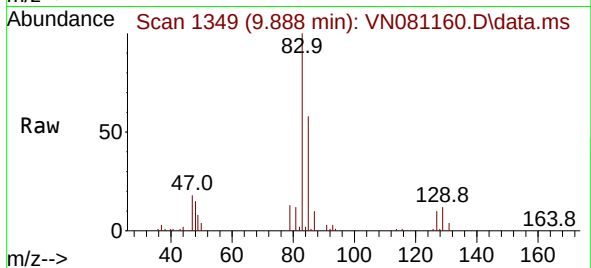
#41
Bromodichloromethane
Concen: 18.777 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 98089
Ion Ratio Lower Upper
83 100
85 58.0 49.4 74.2
127 9.7 7.3 10.9

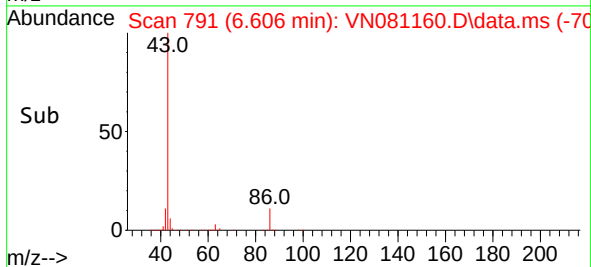
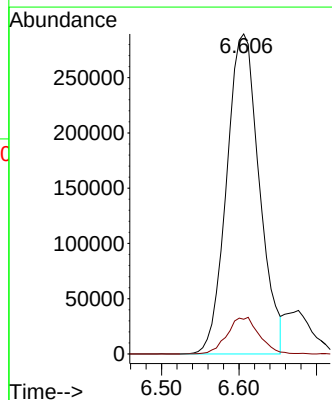
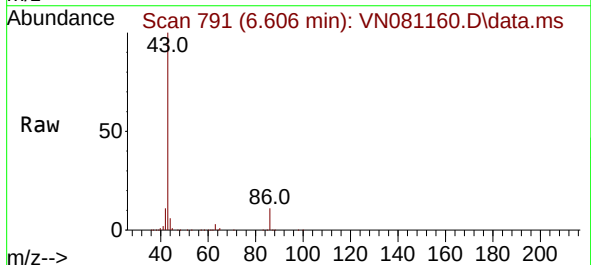
Manual Integrations
APPROVED

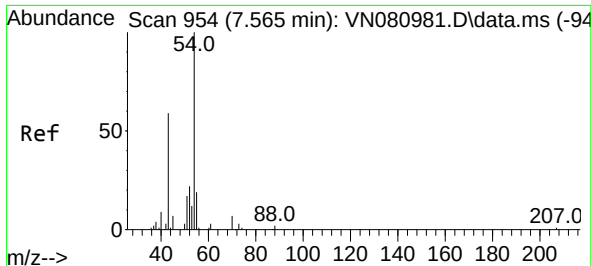
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
Vinyl Acetate
Concen: 112.099 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

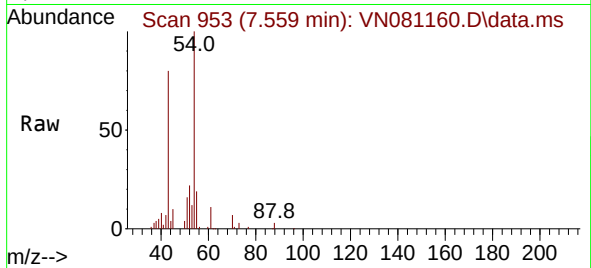
Tgt Ion: 43 Resp: 851493
Ion Ratio Lower Upper
43 100
86 11.2 9.4 14.2





#43
Ethyl Acetate
Concen: 24.292 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

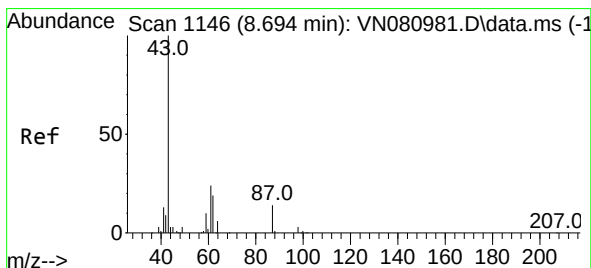
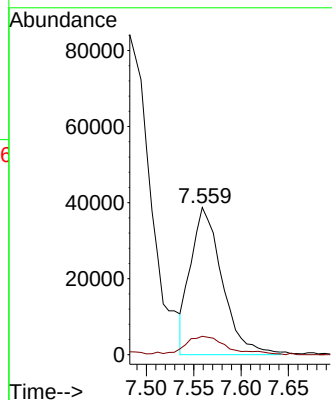
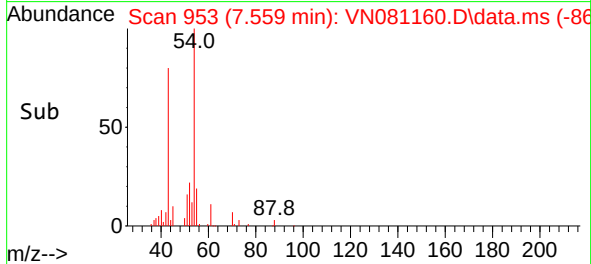
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 8985
Ion Ratio Lower Upper
43 100
45 13.4 10.6 15.8

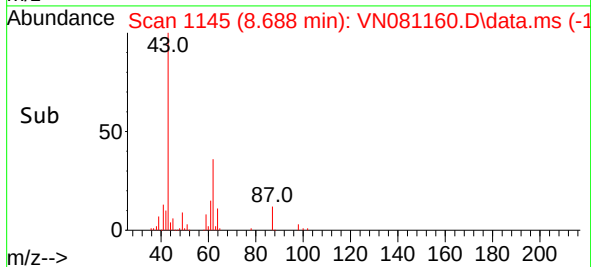
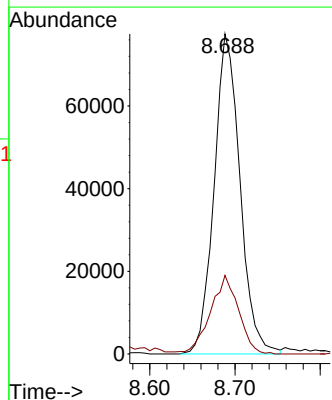
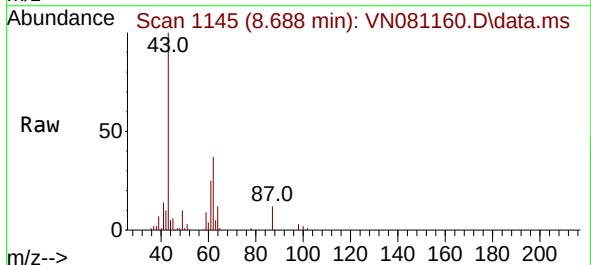
Manual Integrations
APPROVED

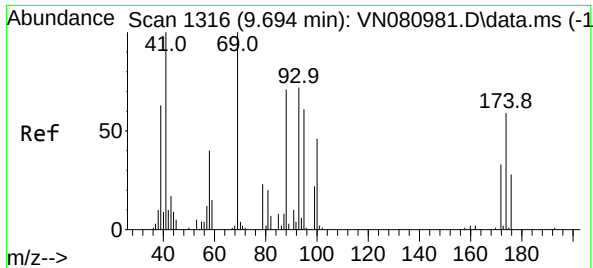
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#44
Isopropyl Acetate
Concen: 24.571 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

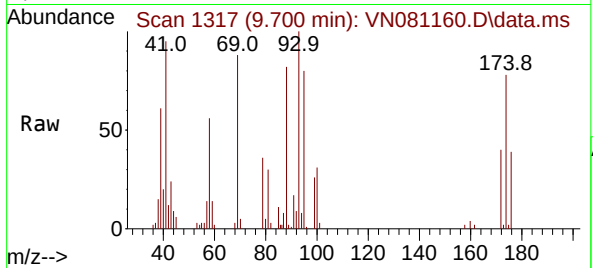
Tgt Ion: 43 Resp: 163291
Ion Ratio Lower Upper
43 100
61 26.6 25.0 37.4





#45
1,4-Dioxane
Concen: 479.634 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

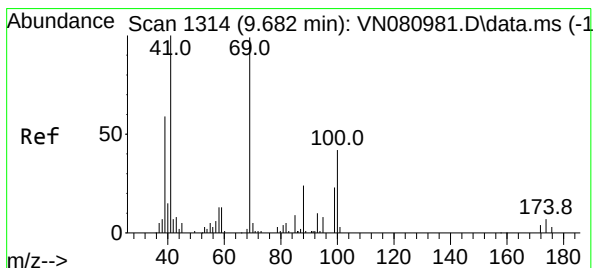
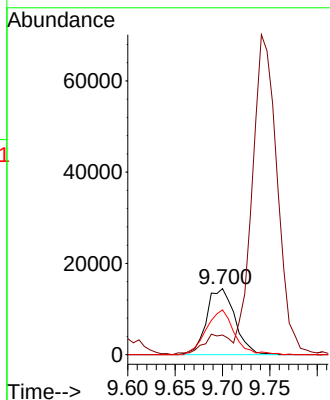
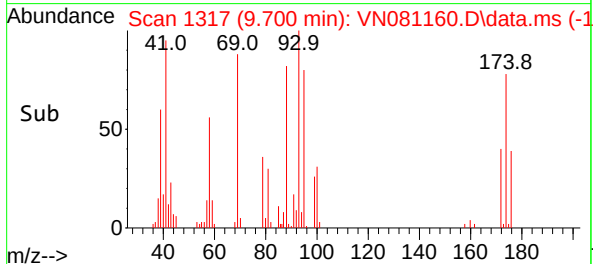
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



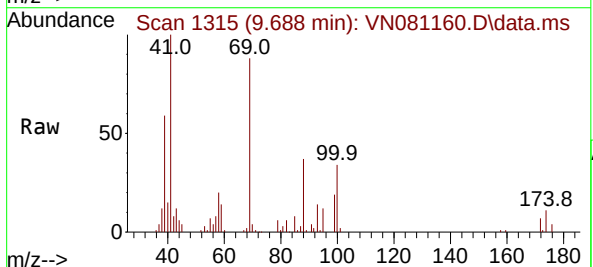
Tgt Ion: 88 Resp: 3023
Ion Ratio Lower Upper
88 100
43 29.1 19.8 29.6
58 65.0 55.4 83.0

Manual Integrations
APPROVED

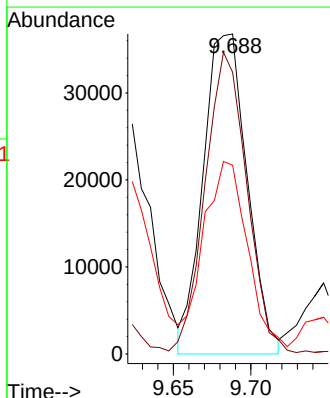
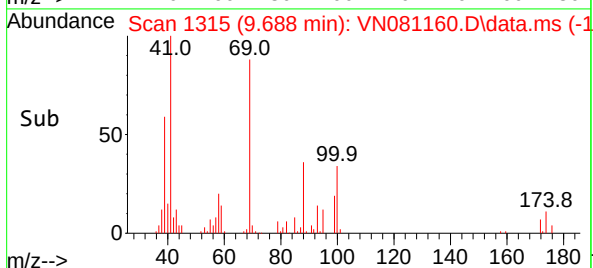
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

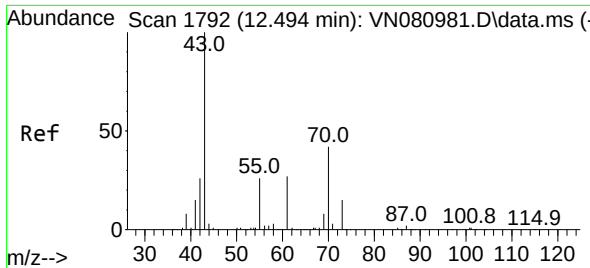


#46
Methyl methacrylate
Concen: 23.875 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50



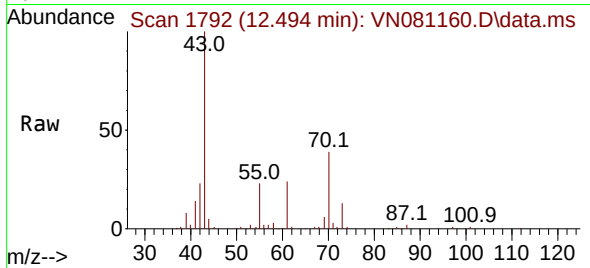
Tgt Ion: 41 Resp: 72600
Ion Ratio Lower Upper
41 100
69 88.0 51.1 153.3
39 56.3 25.8 77.3





#47
n-amyl Acetate
Concen: 24.121 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

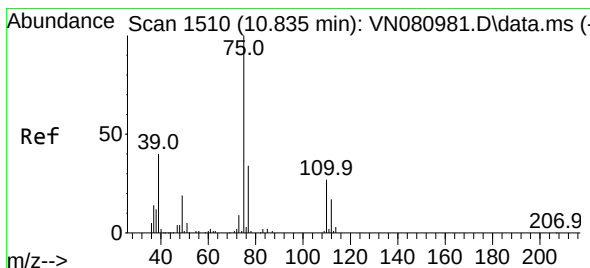
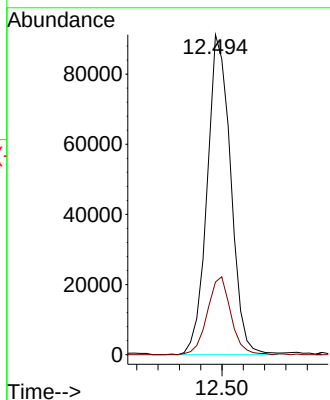
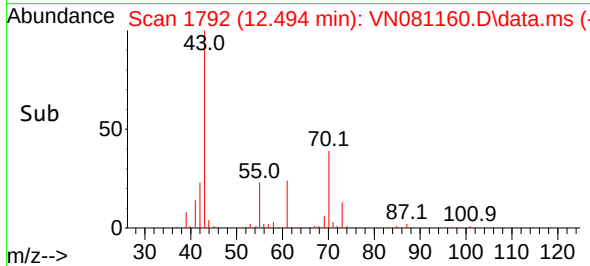
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 13980
Ion Ratio Lower Upper
43 100
55 24.3 23.4 35.2

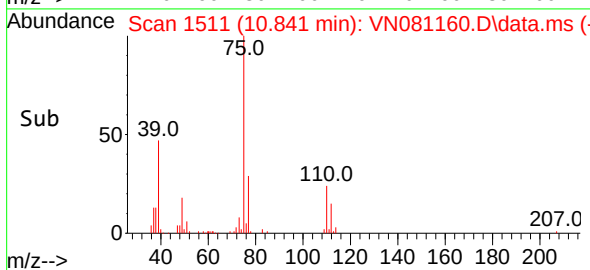
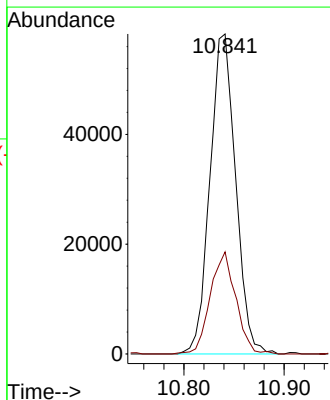
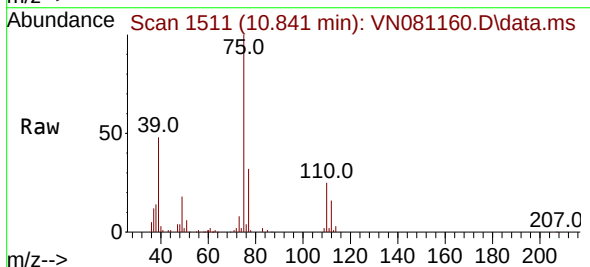
Manual Integrations
APPROVED

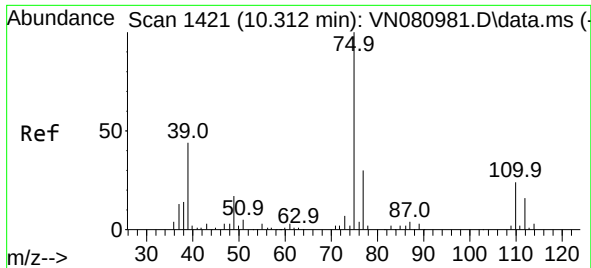
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#48
t-1,3-Dichloropropene
Concen: 18.913 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

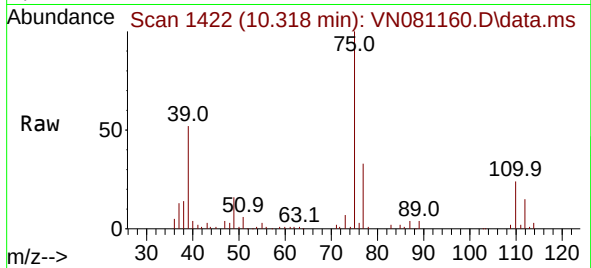
Tgt Ion: 75 Resp: 103542
Ion Ratio Lower Upper
75 100
77 31.9 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.377 ug/l
 RT: 10.318 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN081160.D
 Acq: 23 Feb 2024 14:50

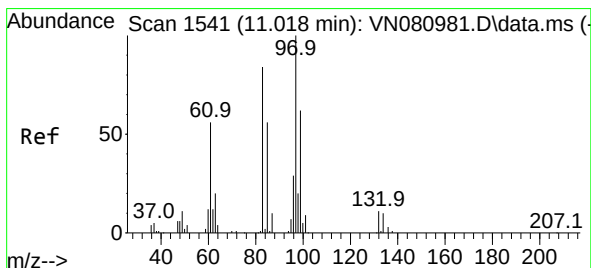
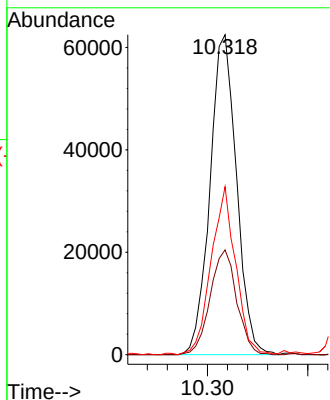
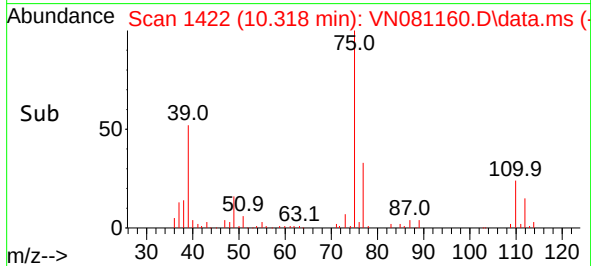
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 114950
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.9 37.3
 39 52.5 31.0 46.6

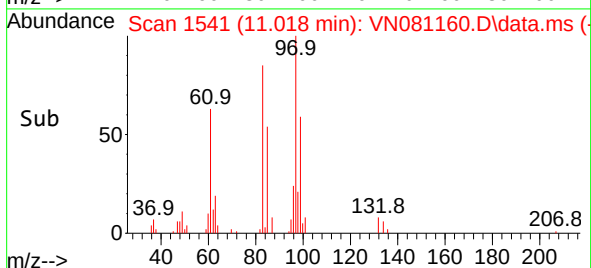
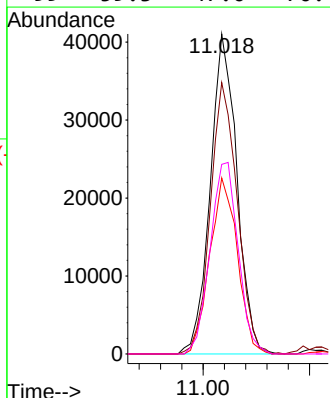
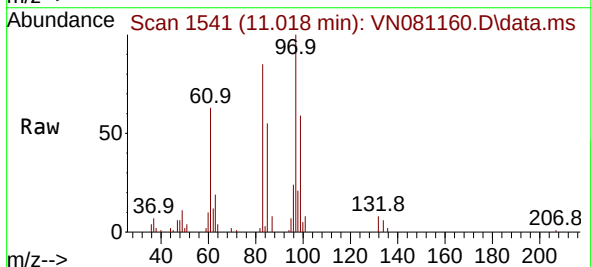
Manual Integrations
 APPROVED

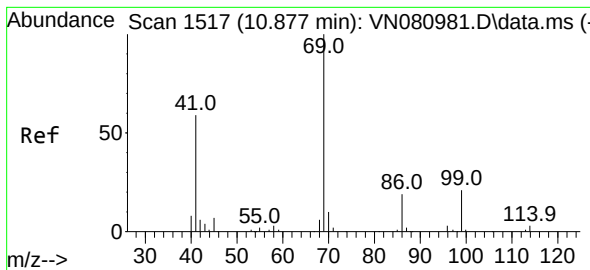
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.257 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081160.D
 Acq: 23 Feb 2024 14:50

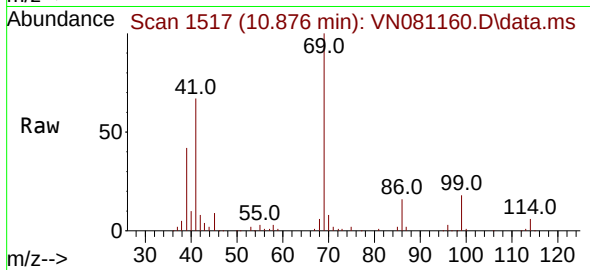
Tgt Ion: 97 Resp: 71120
 Ion Ratio Lower Upper
 97 100
 83 84.8 68.1 102.1
 85 55.0 41.8 62.6
 99 59.3 47.0 70.4





#51
Ethyl methacrylate
Concen: 20.942 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

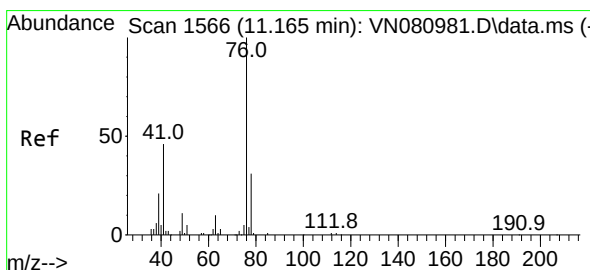
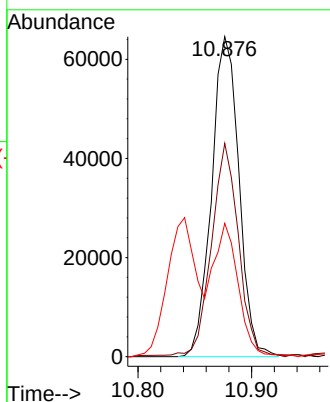
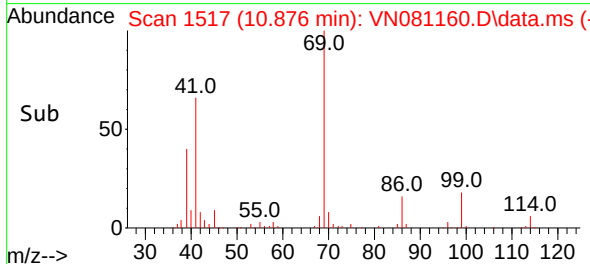
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 108090
Ion Ratio Lower Upper
69 100
41 66.1 25.5 76.5
39 40.9 16.0 47.9

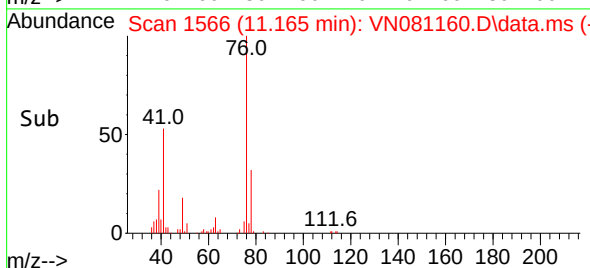
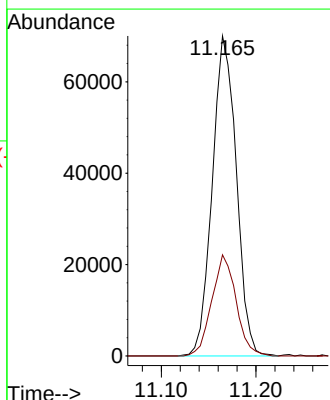
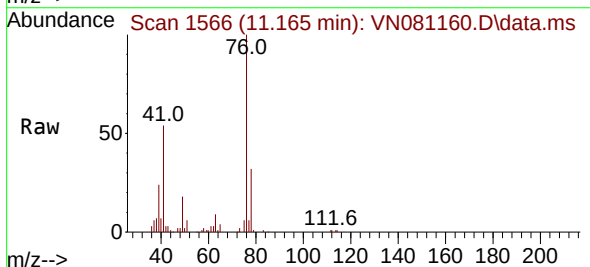
Manual Integrations
APPROVED

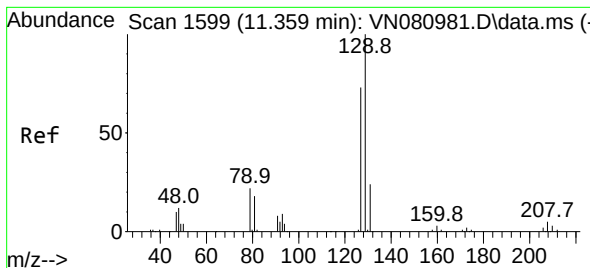
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#52
1,3-Dichloropropane
Concen: 20.285 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

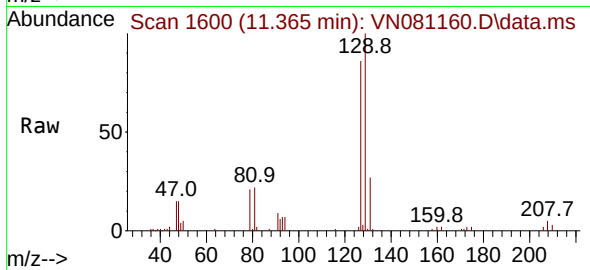
Tgt Ion: 76 Resp: 123711
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.8





#53
Dibromochloromethane
Concen: 17.833 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

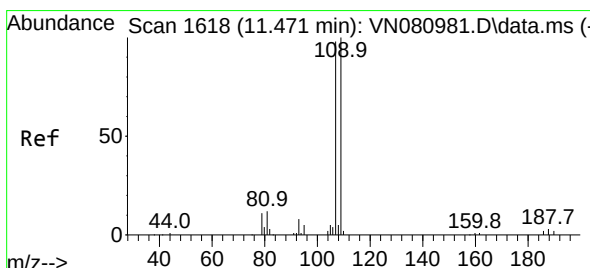
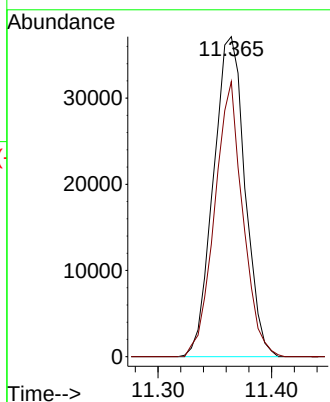
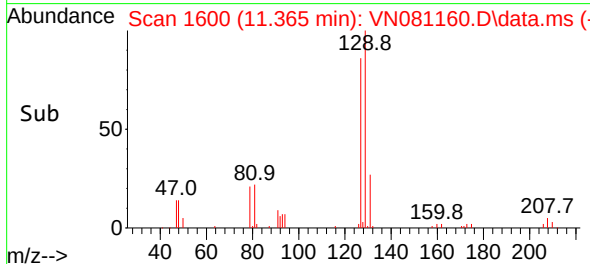
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



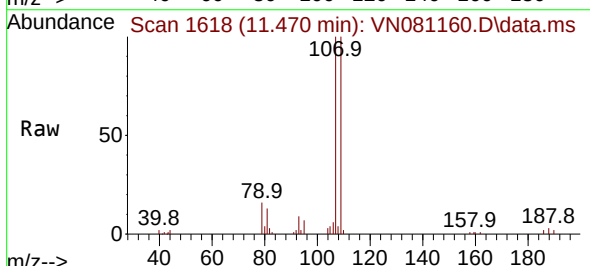
Tgt Ion:129 Resp: 71784
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.1

Manual Integrations
APPROVED

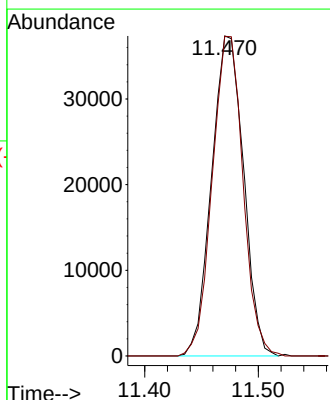
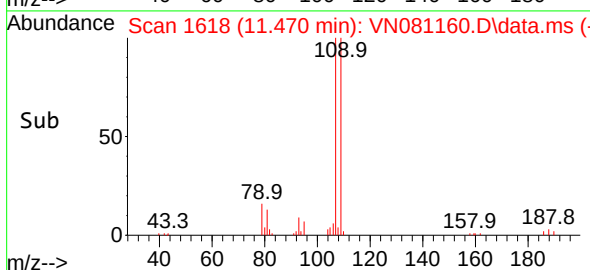
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

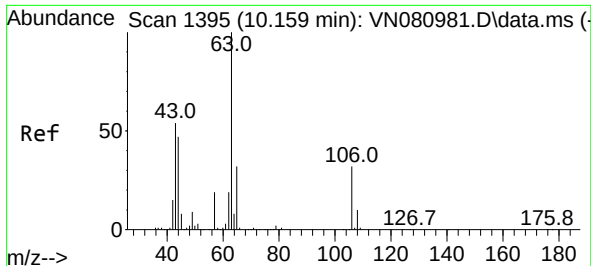


#54
1,2-Dibromoethane
Concen: 19.067 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50



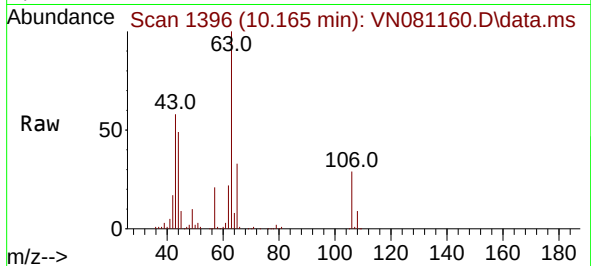
Tgt Ion:107 Resp: 72851
Ion Ratio Lower Upper
107 100
109 96.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 107.004 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

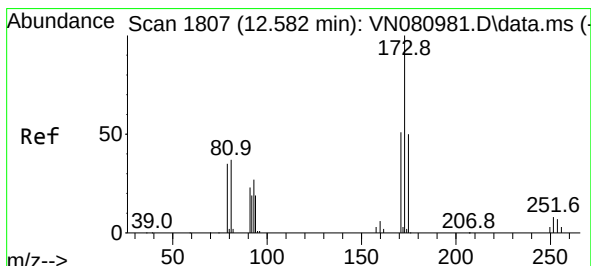
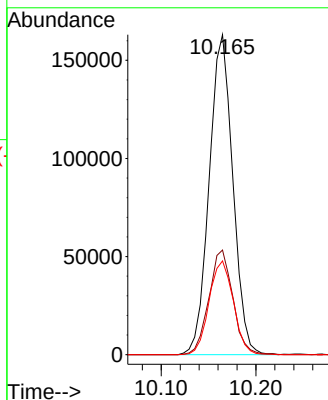
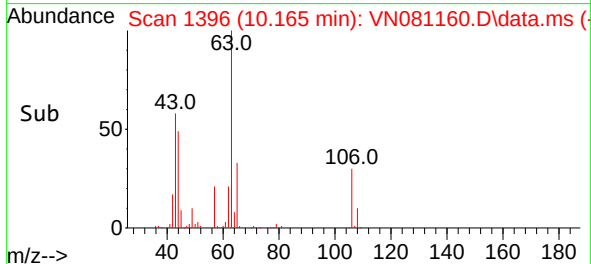
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 28304
Ion Ratio Lower Upper
63 100
65 33.1 26.2 39.2
106 30.1 23.8 35.8

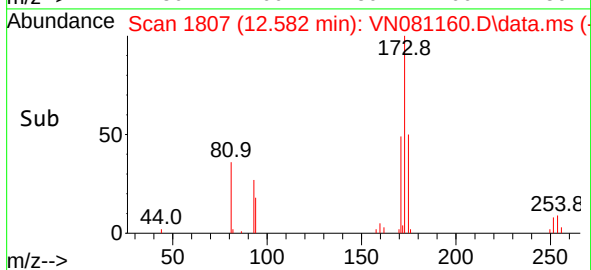
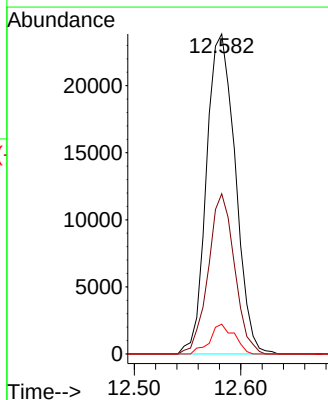
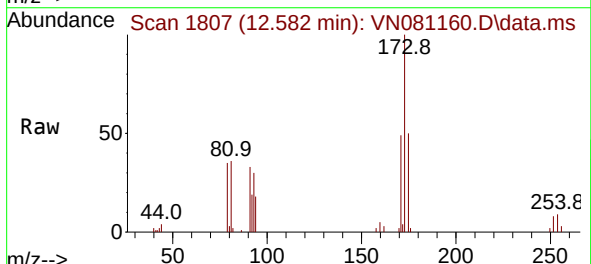
Manual Integrations
APPROVED

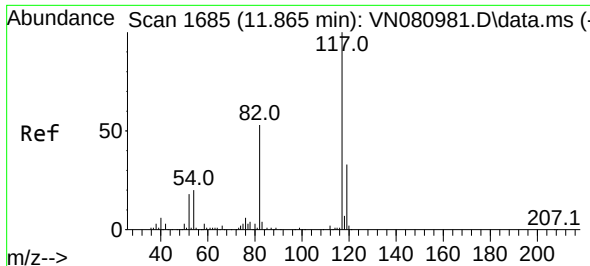
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#56
Bromoform
Concen: 17.469 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

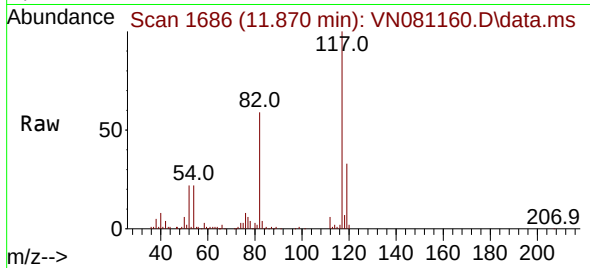
Tgt Ion:173 Resp: 44784
Ion Ratio Lower Upper
173 100
175 45.6 40.0 60.0
254 7.9 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

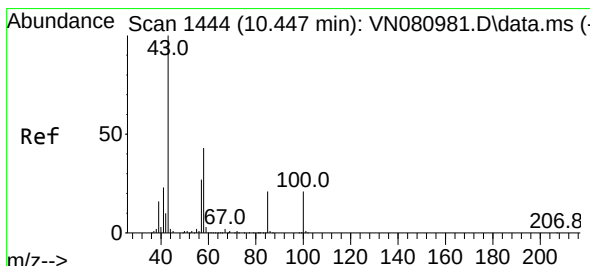
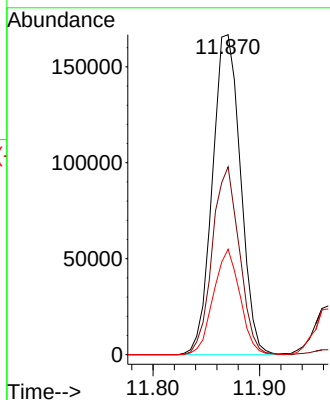
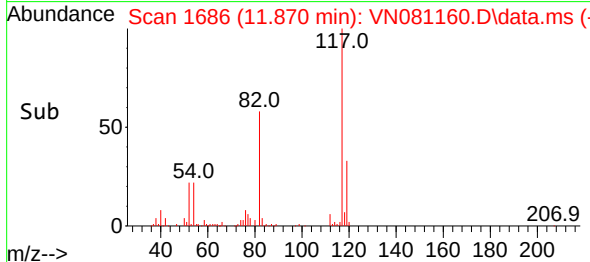
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 305638
Ion Ratio Lower Upper
117 100
82 56.6 46.6 69.8
119 31.2 25.4 38.2

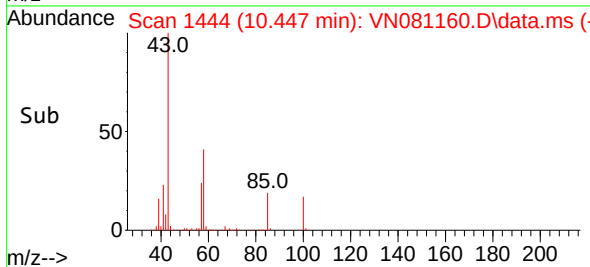
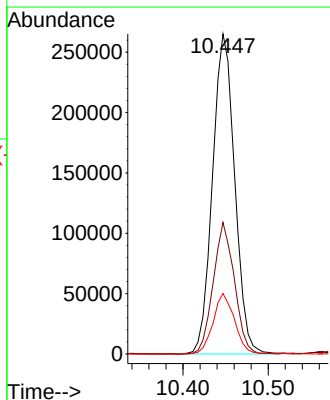
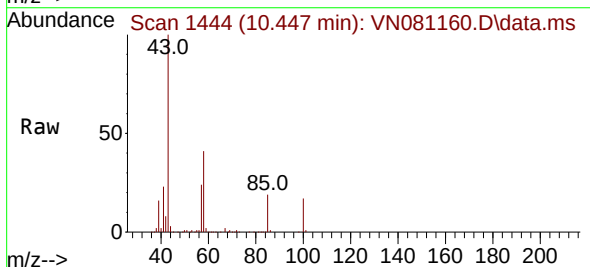
Manual Integrations
APPROVED

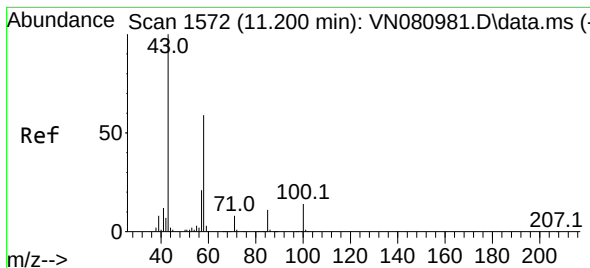
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#58
4-Methyl-2-Pentanone
Concen: 121.199 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

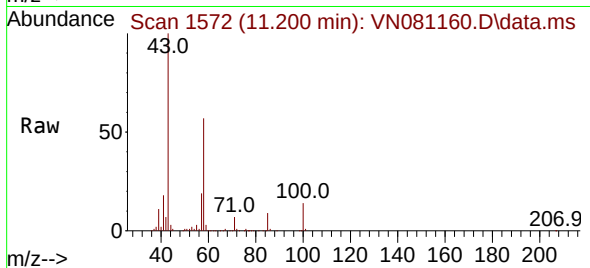
Tgt Ion: 43 Resp: 480920
Ion Ratio Lower Upper
43 100
58 39.1 36.5 54.7
85 18.2 19.5 29.3





#59
2-Hexanone
Concen: 120.772 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

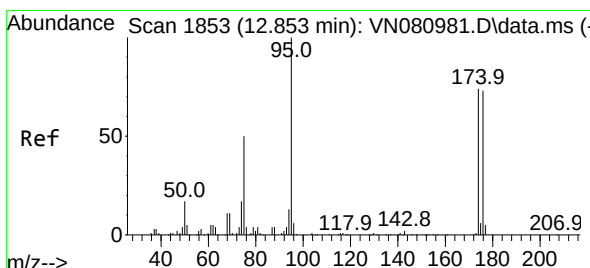
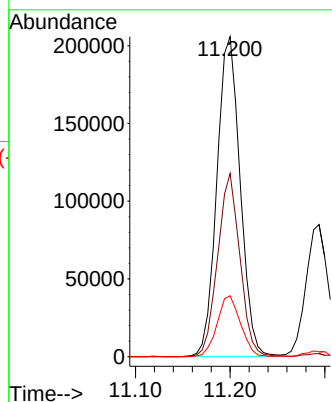
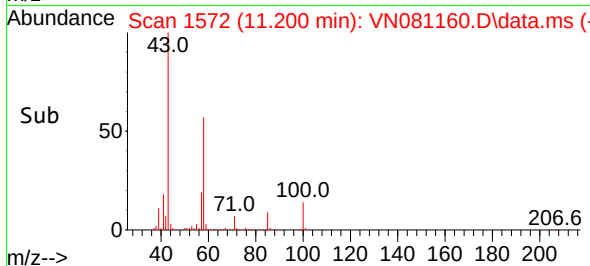
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



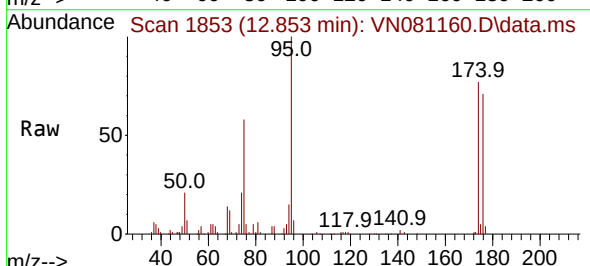
Tgt Ion: 43 Resp: 35247
Ion Ratio Lower Upper
43 100
58 54.6 50.4 75.6
57 19.1 18.6 27.8

Manual Integrations
APPROVED

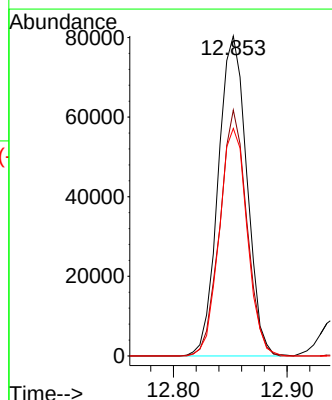
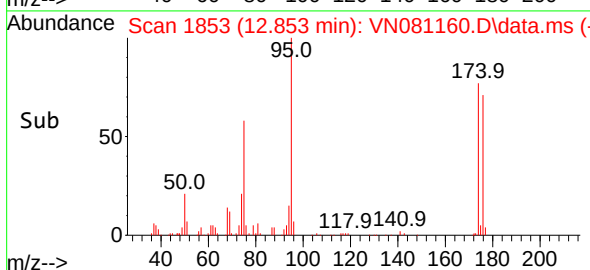
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

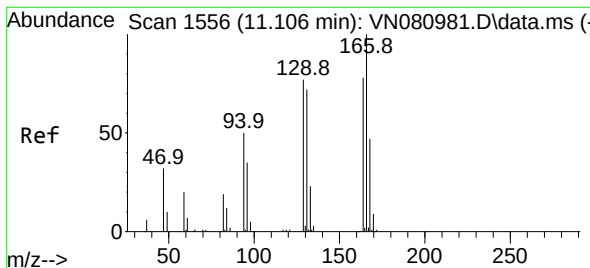


#60
4-Bromofluorobenzene
Concen: 30.097 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50



Tgt Ion: 95 Resp: 140628
Ion Ratio Lower Upper
95 100
174 72.5 60.5 90.7
176 69.4 57.8 86.6





#61

Tetrachloroethene

Concen: 17.416 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081160.D

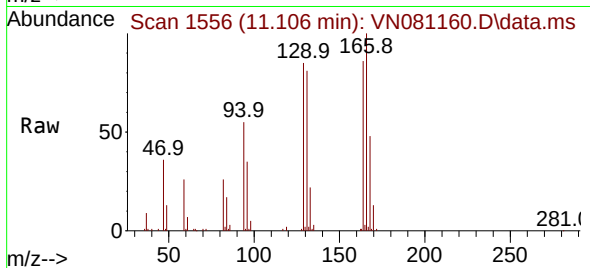
Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:164 Resp: 60804

Ion Ratio Lower Upper

164 100

166 116.2 106.7 160.1

129 98.6 85.8 128.6

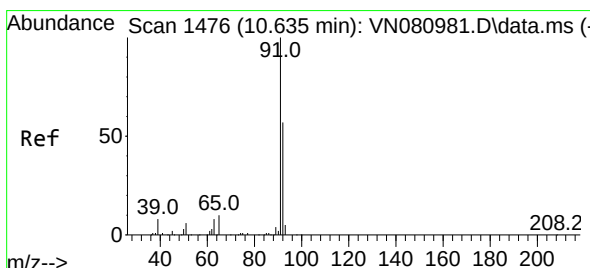
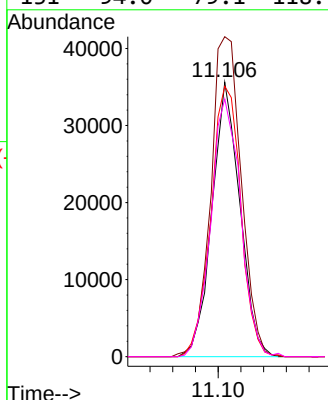
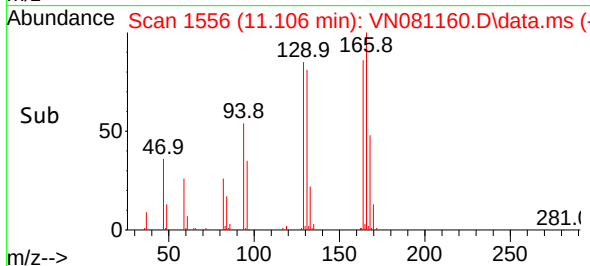
131 94.0 79.1 118.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#62

Toluene

Concen: 18.021 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN081160.D

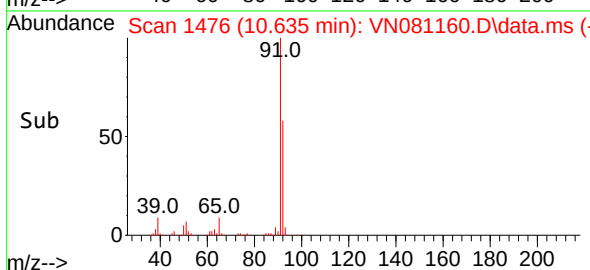
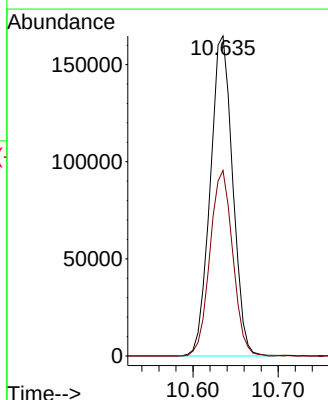
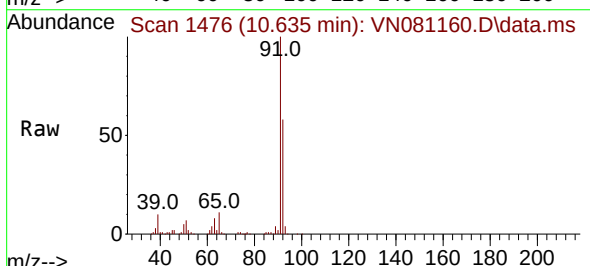
Acq: 23 Feb 2024 14:50

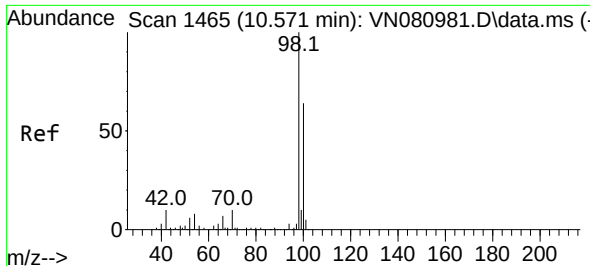
Tgt Ion: 91 Resp: 301710

Ion Ratio Lower Upper

91 100

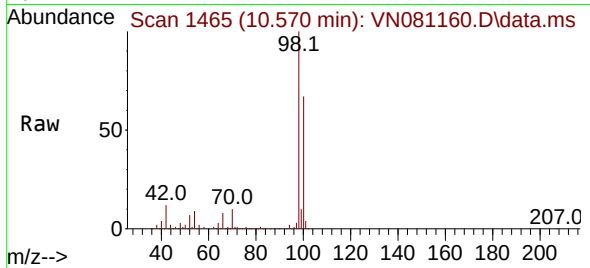
92 58.8 46.5 69.7





#63
Toluene-d8
Concen: 29.926 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

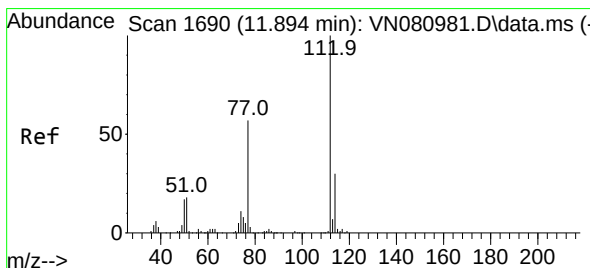
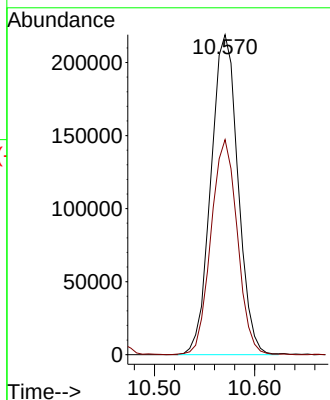
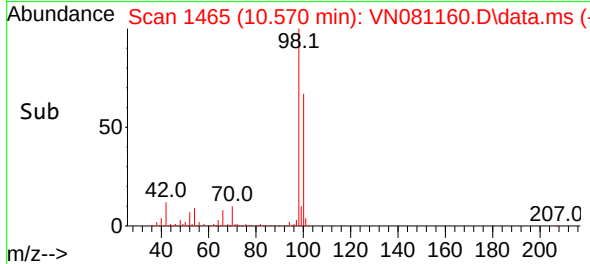
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 410472
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

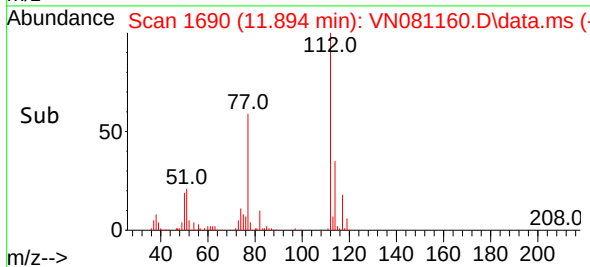
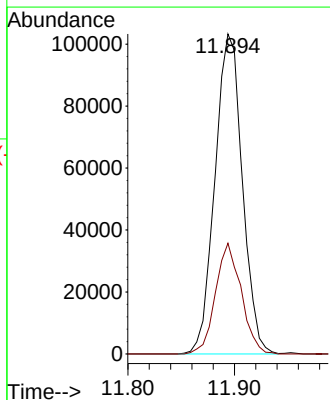
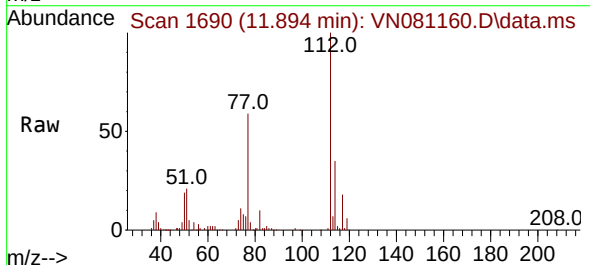
Manual Integrations
APPROVED

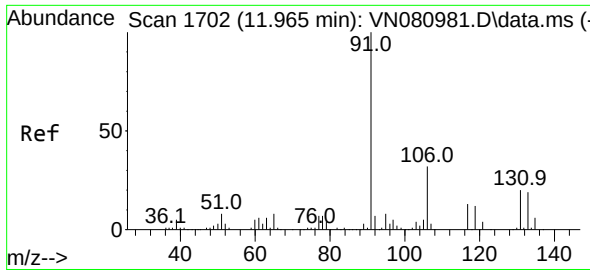
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#64
Chlorobenzene
Concen: 17.999 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion:112 Resp: 184565
Ion Ratio Lower Upper
112 100
114 34.6 26.6 39.8





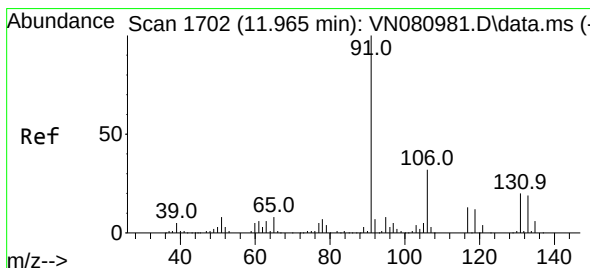
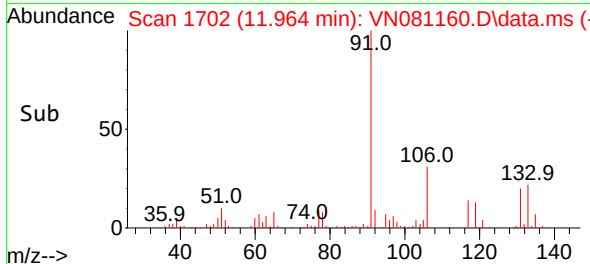
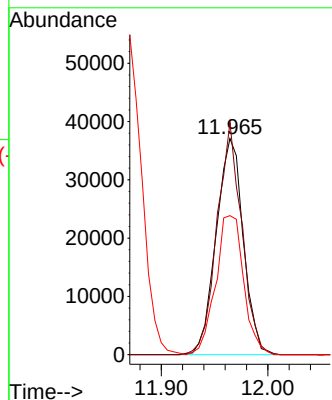
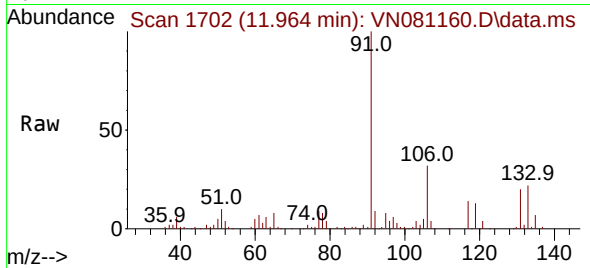
#65
1,1,1,2-Tetrachloroethane
Concen: 17.209 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 65450
Ion Ratio Lower Upper
131 100
133 98.2 0.0 188.0
119 66.4 0.0 122.8

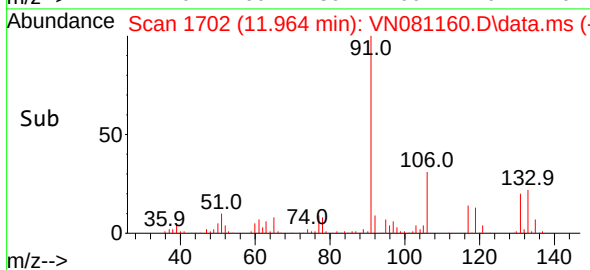
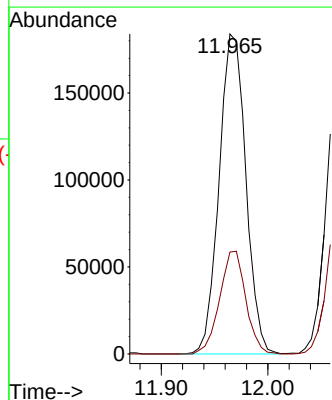
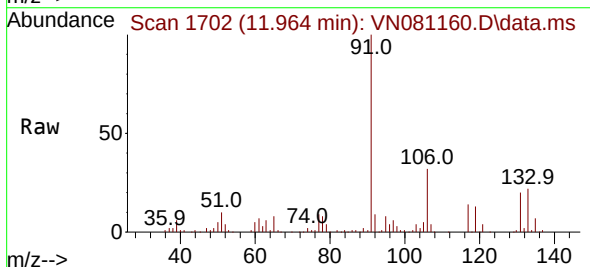
Manual Integrations
APPROVED

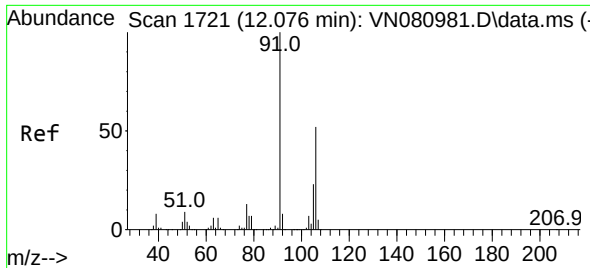
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#66
Ethyl Benzene
Concen: 18.218 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 91 Resp: 320705
Ion Ratio Lower Upper
91 100
106 31.9 24.4 36.6





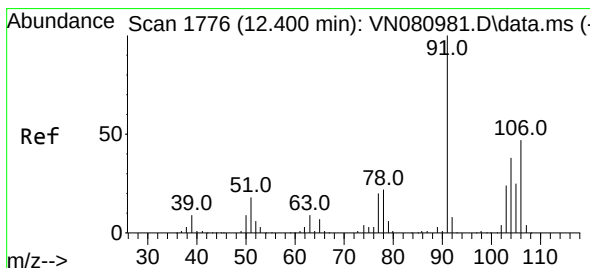
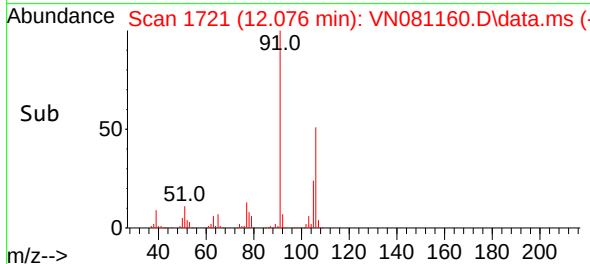
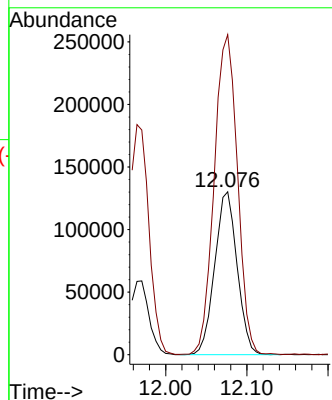
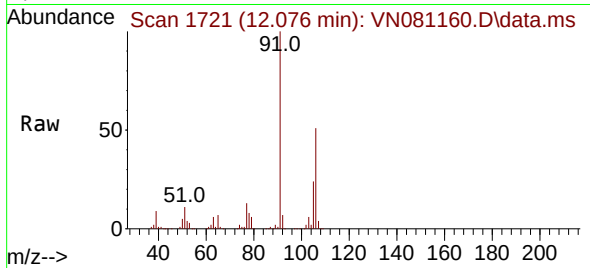
#67
m/p-Xylenes
Concen: 36.062 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 24930
Ion Ratio Lower Upper
106 100
91 204.2 166.6 249.8

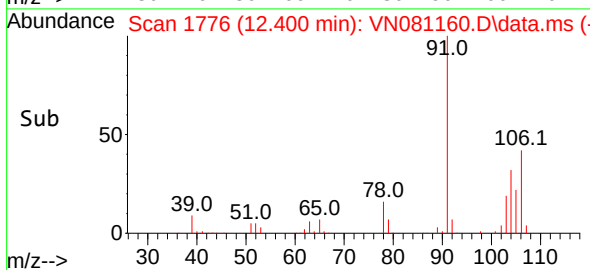
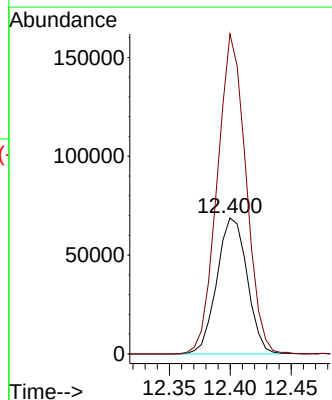
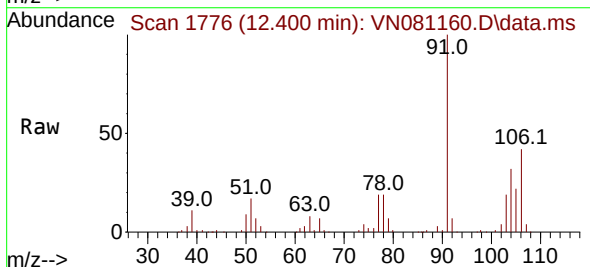
Manual Integrations
APPROVED

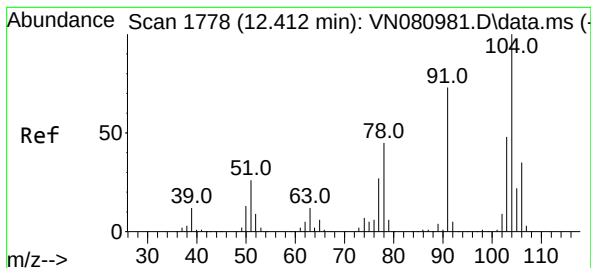
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#68
o-Xylene
Concen: 17.584 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion:106 Resp: 119126
Ion Ratio Lower Upper
106 100
91 223.2 110.0 330.0





#69

Styrene

Concen: 18.390 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

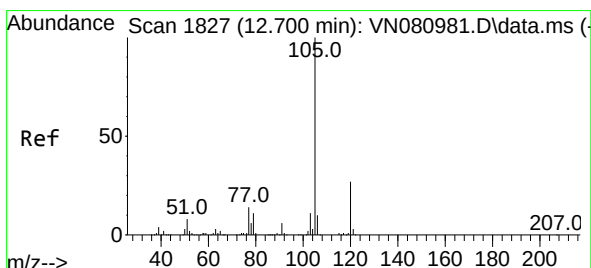
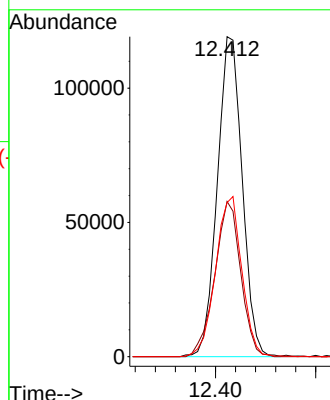
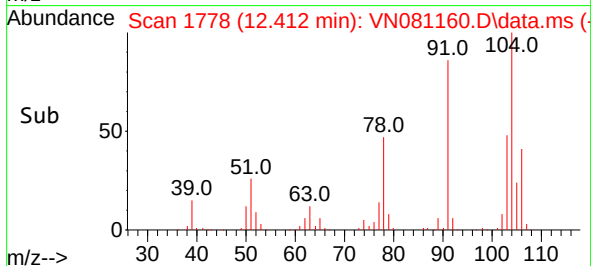
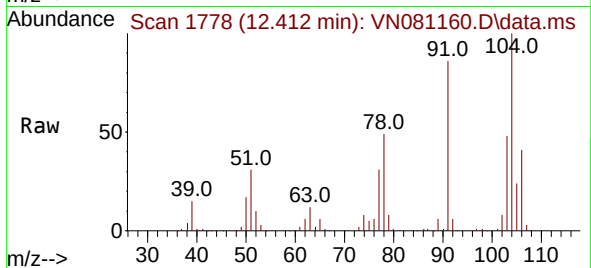
Tgt Ion:104 Resp: 20511
 Ion Ratio Lower Upper
 104 100
 78 50.6 42.6 64.0
 103 52.7 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#70

Isopropylbenzene

Concen: 19.059 ug/l

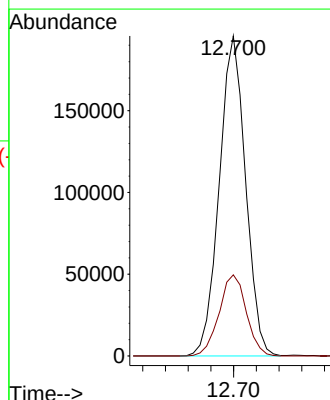
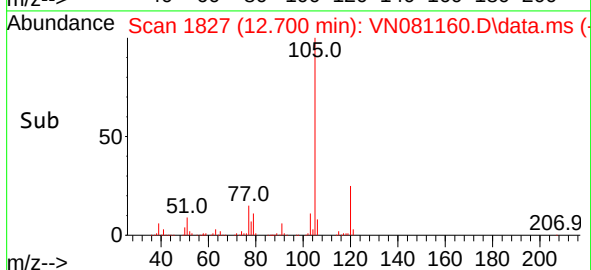
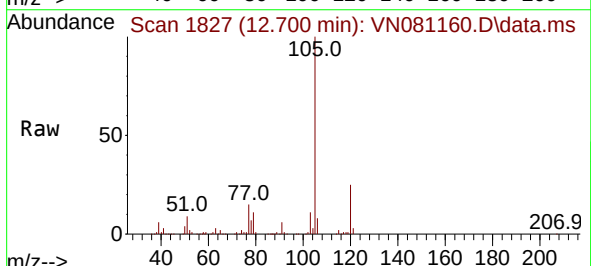
RT: 12.700 min Scan# 1827

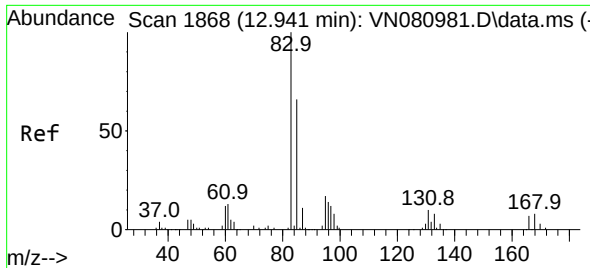
Delta R.T. -0.000 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

Tgt Ion:105 Resp: 314680
 Ion Ratio Lower Upper
 105 100
 120 26.2 17.8 33.1





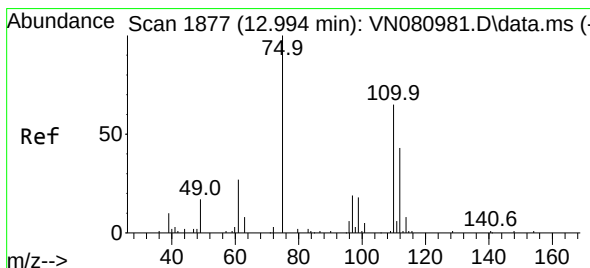
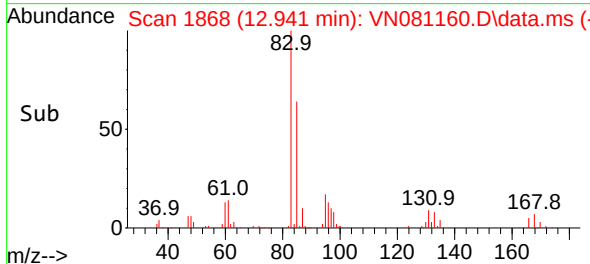
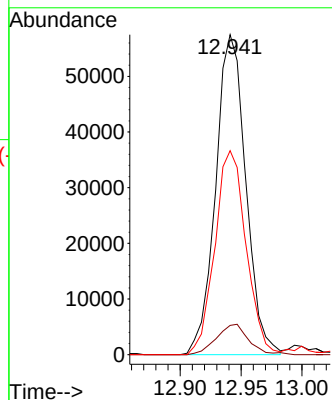
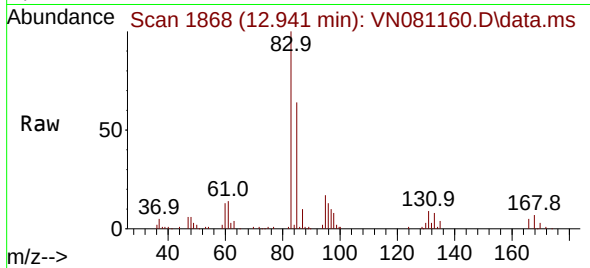
#71
1,1,2,2-Tetrachloroethane
Concen: 19.457 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

Tgt Ion: 83 Resp: 9906
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 65.9 32.3 96.8

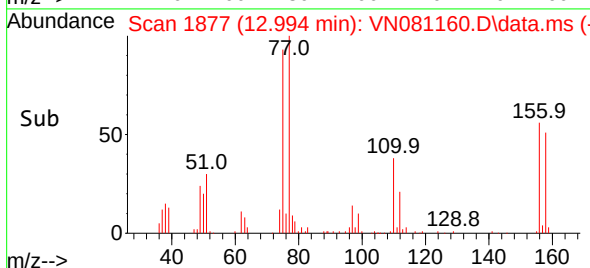
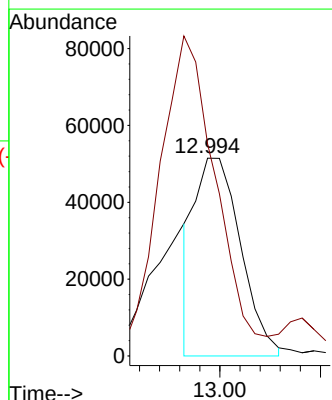
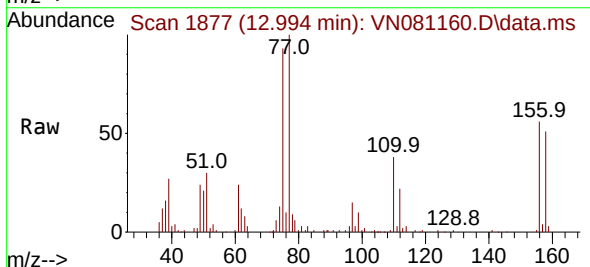
Manual Integrations
APPROVED

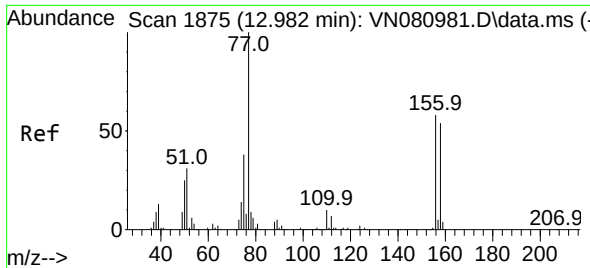
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#72
1,2,3-Trichloropropane
Concen: 20.392 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 75 Resp: 81273
Ion Ratio Lower Upper
75 100
77 201.1 0.0 367.6





#73
Bromobenzene
Concen: 18.295 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

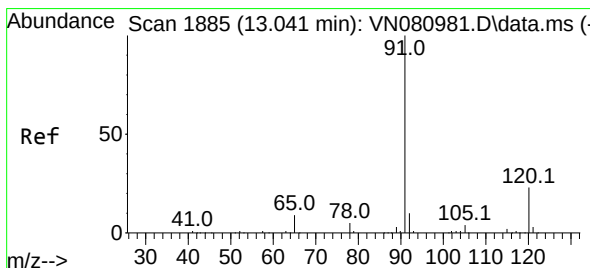
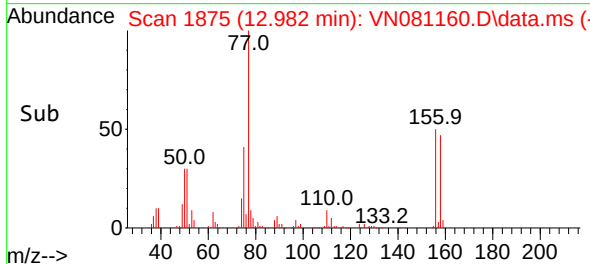
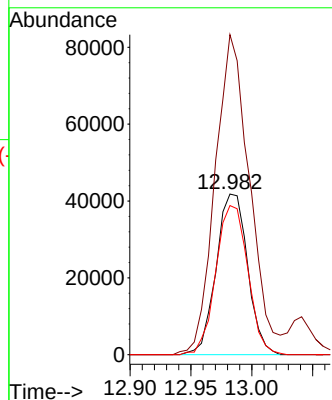
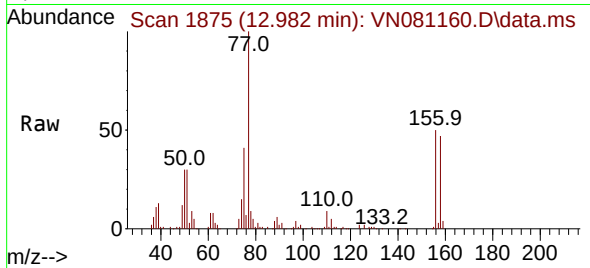
Tgt Ion:156 Resp: 7511
Ion Ratio Lower Upper
156 100
77 217.6 0.0 437.6
158 94.5 0.0 203.8

Manual Integrations

APPROVED

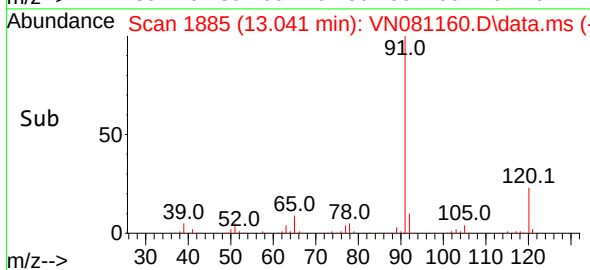
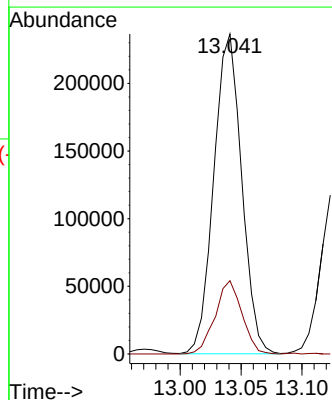
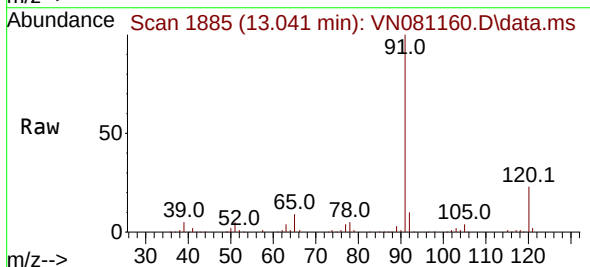
Reviewed By :John Carlone 02/26/2024

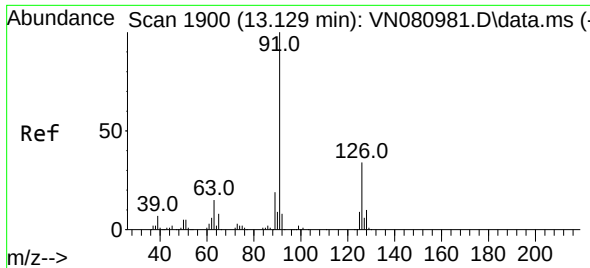
Supervised By :Mahesh Dadoda 02/26/2024



#74
n-propylbenzene
Concen: 20.060 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 91 Resp: 376416
Ion Ratio Lower Upper
91 100
120 22.0 0.0 43.8





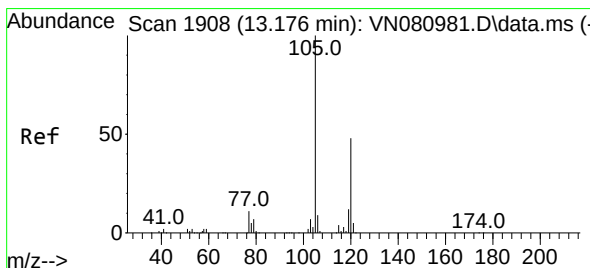
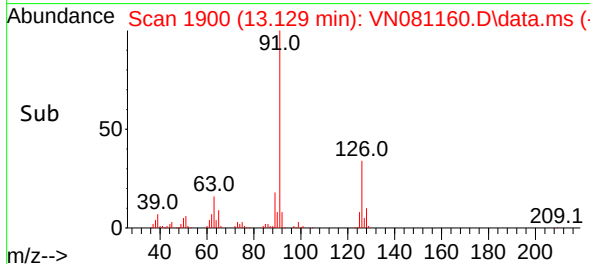
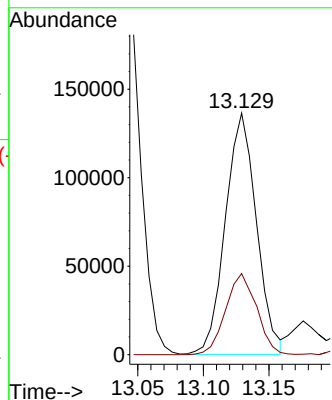
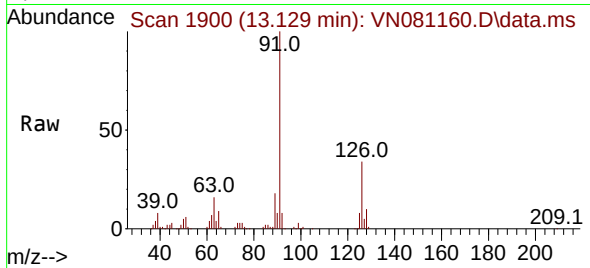
#75
2-Chlorotoluene
Concen: 19.298 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 224793
Ion Ratio Lower Upper
91 100
126 33.5 0.0 61.2

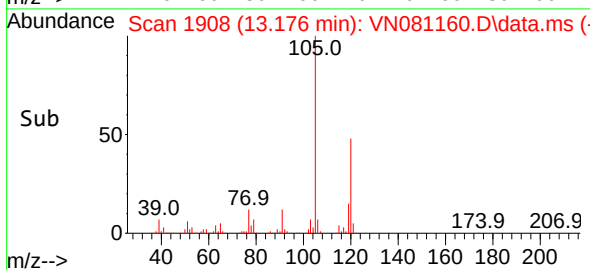
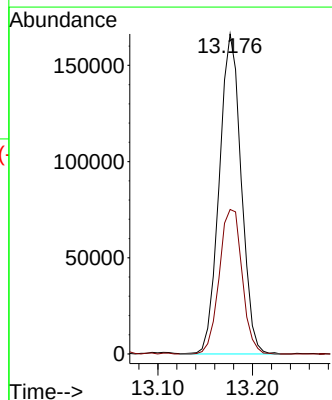
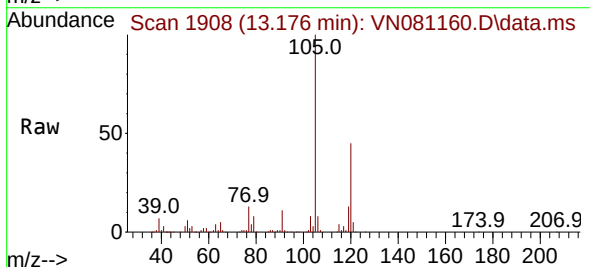
Manual Integrations
APPROVED

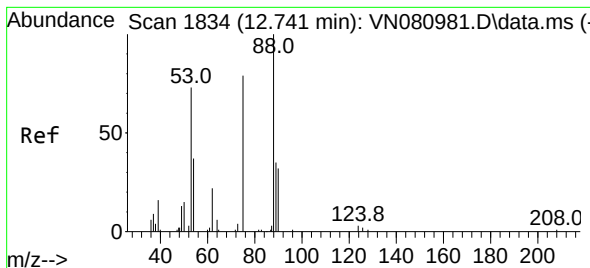
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.860 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

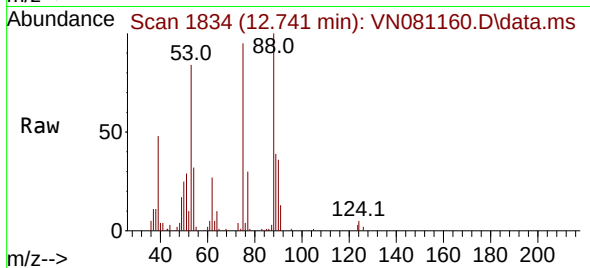
Tgt Ion:105 Resp: 268288
Ion Ratio Lower Upper
105 100
120 47.0 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 22.180 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

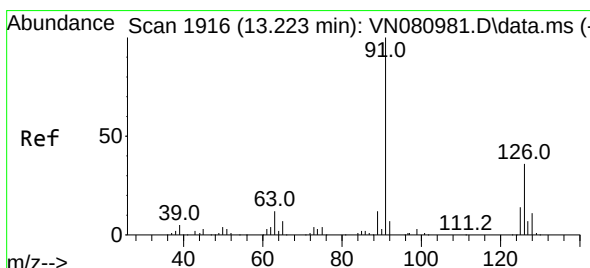
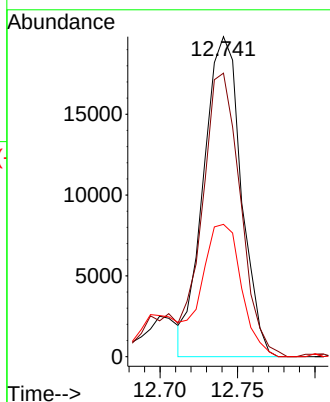
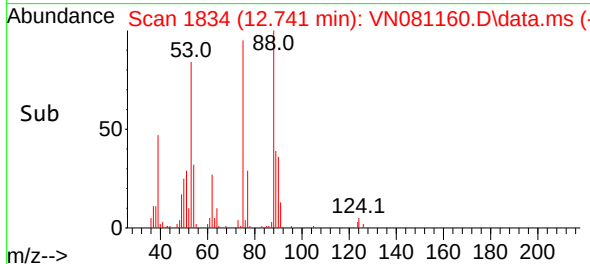
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 3345
Ion Ratio Lower Upper
75 100
53 87.0 45.9 137.7
89 40.5 25.9 77.7

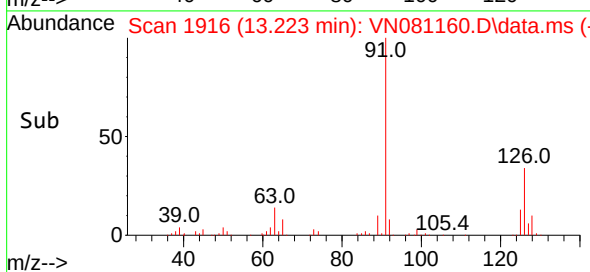
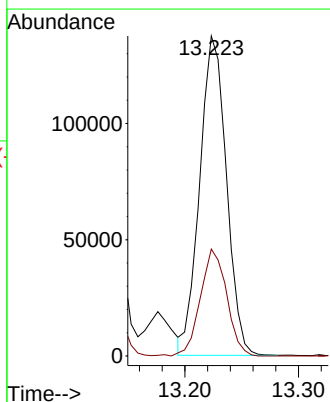
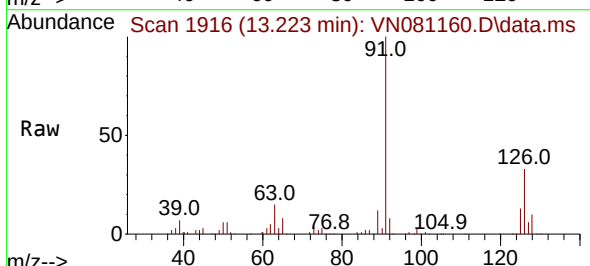
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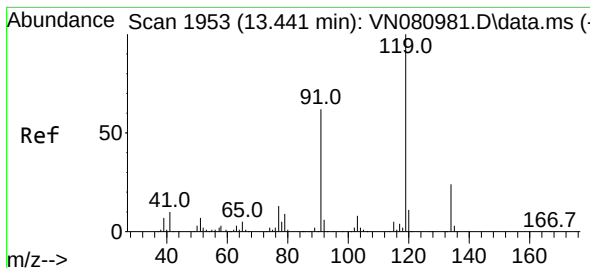
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#78
4-Chlorotoluene
Concen: 19.243 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion: 91 Resp: 224500
Ion Ratio Lower Upper
91 100
126 32.9 0.0 62.8





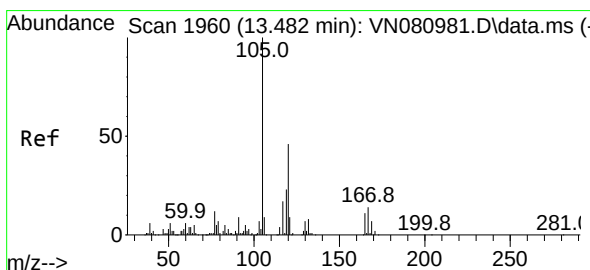
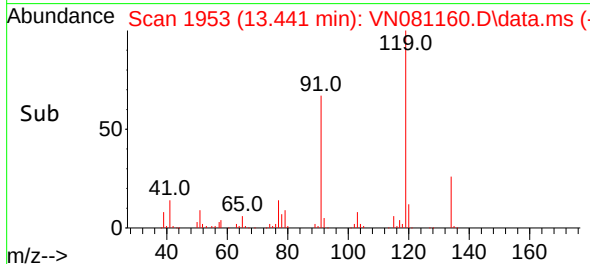
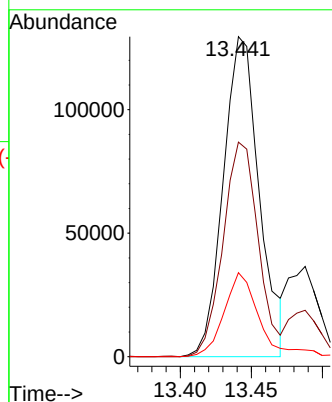
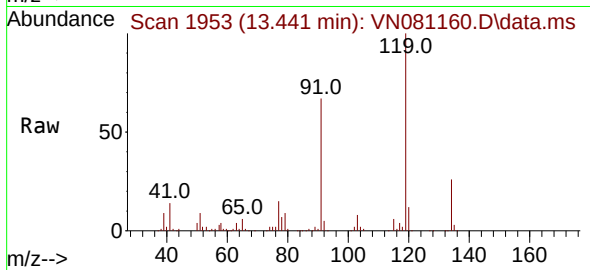
#79
tert-butylbenzene
Concen: 20.352 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 228235
Ion Ratio Lower Upper
119 100
91 65.7 0.0 138.8
134 24.3 0.0 48.6

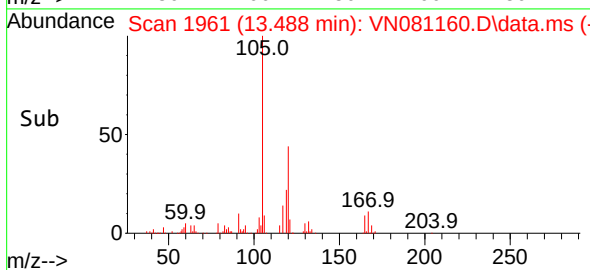
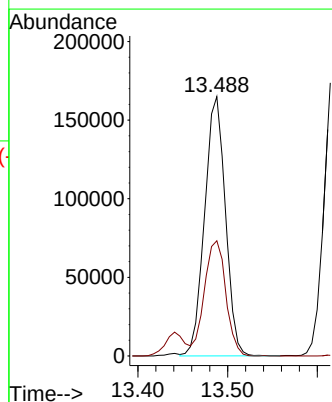
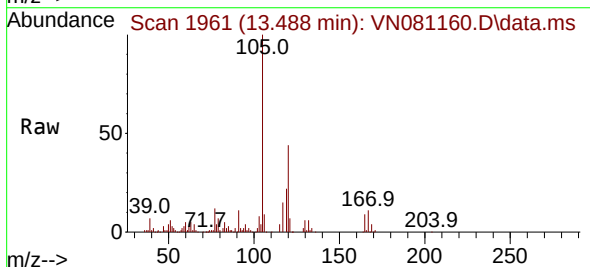
Manual Integrations
APPROVED

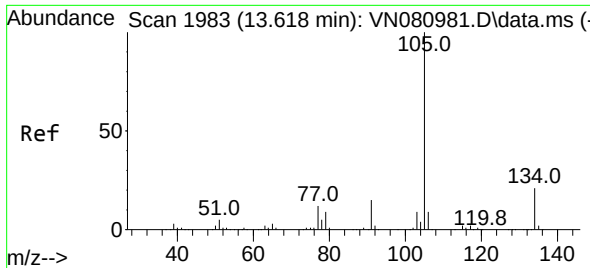
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.689 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion:105 Resp: 265014
Ion Ratio Lower Upper
105 100
120 45.7 0.0 86.8





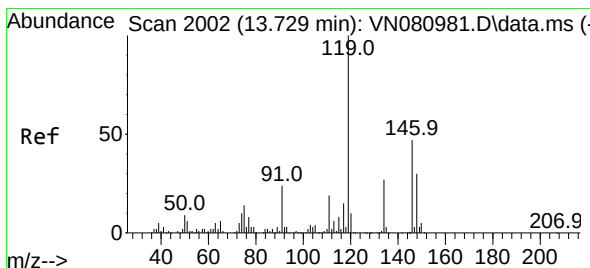
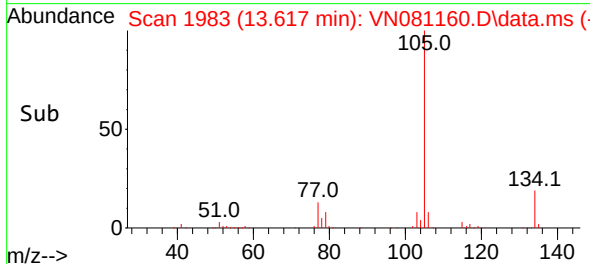
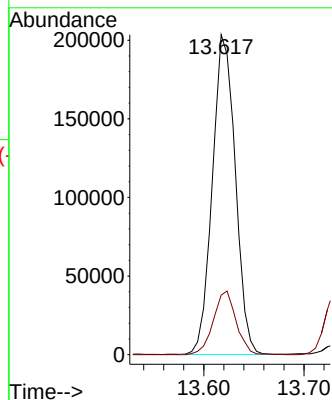
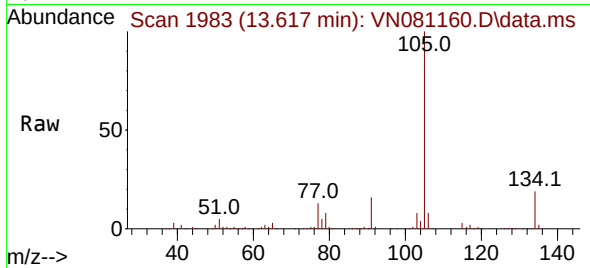
#81
 sec-Butylbenzene
 Concen: 20.608 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081160.D
 Acq: 23 Feb 2024 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 323634
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.0

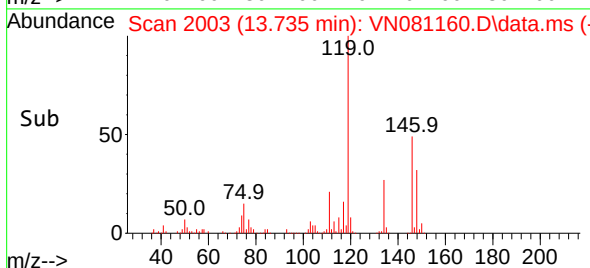
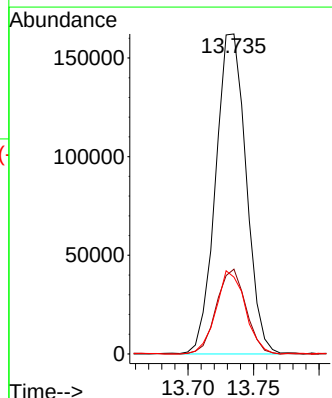
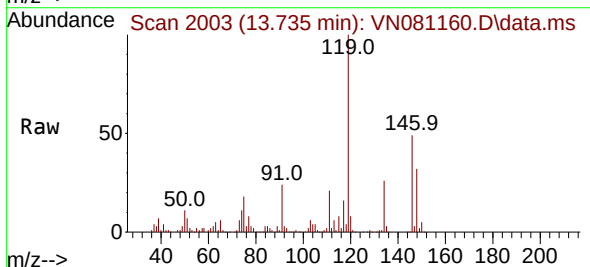
Manual Integrations
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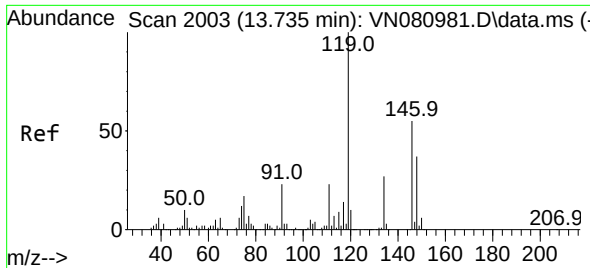
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#82
 p-Isopropyltoluene
 Concen: 19.925 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081160.D
 Acq: 23 Feb 2024 14:50

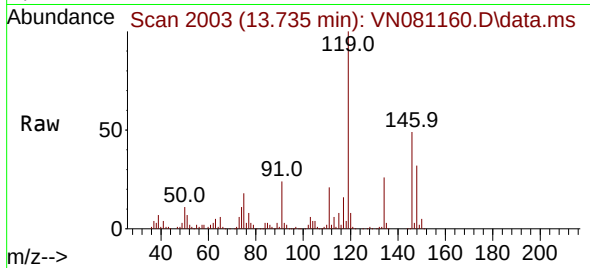
Tgt Ion:119 Resp: 262686
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 49.2
 91 24.9 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 18.178 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

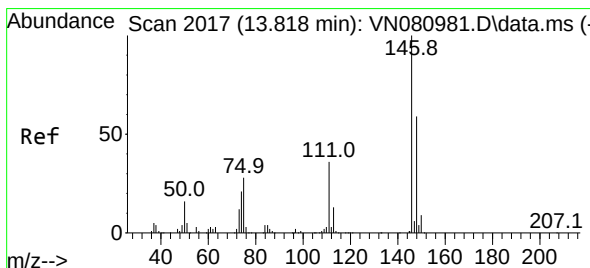
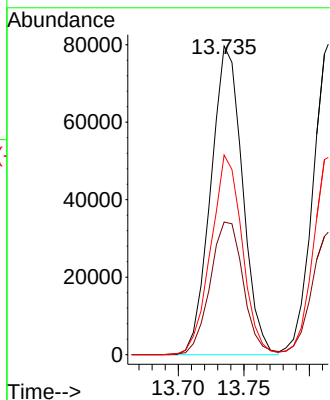
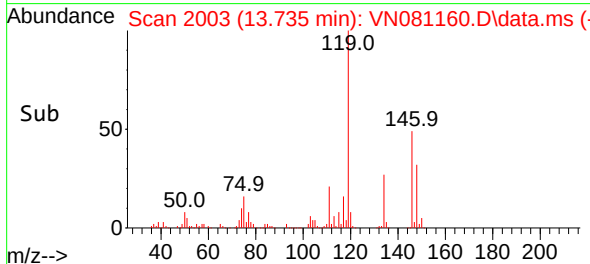
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



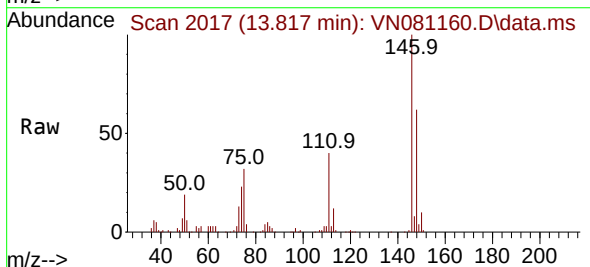
Tgt Ion:146 Resp: 134239
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 63.8 32.1 96.5

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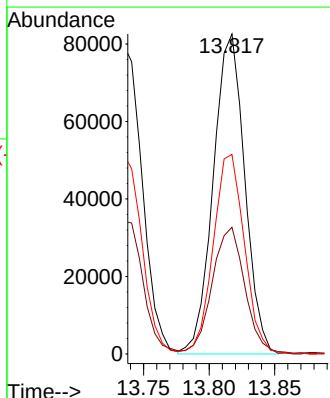
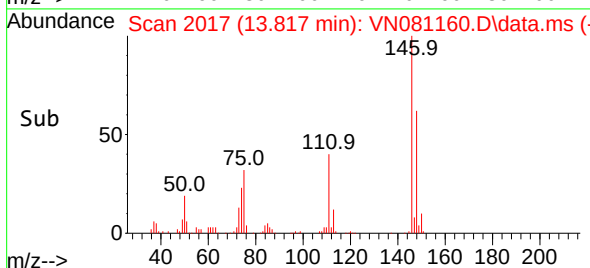
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

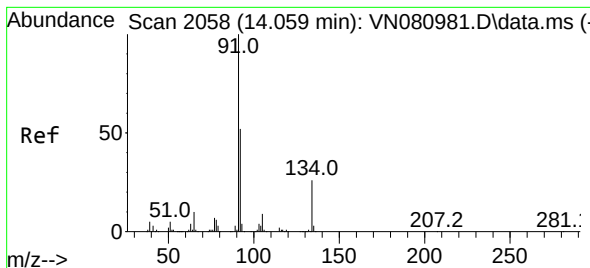


#84
1,4-Dichlorobenzene
Concen: 18.610 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50



Tgt Ion:146 Resp: 137943
Ion Ratio Lower Upper
146 100
111 41.0 21.3 63.9
148 62.0 31.9 95.5





#85

n-Butylbenzene

Concen: 21.588 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081160.D

Acq: 23 Feb 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 234840

Ion Ratio Lower Upper

91 100

92 51.3 0.0 105.0

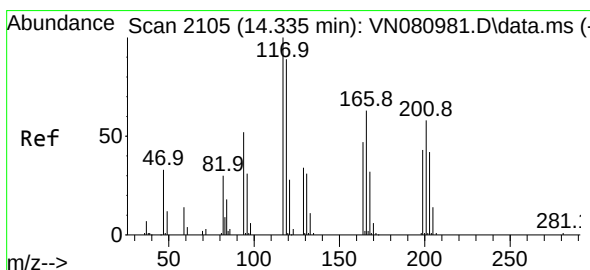
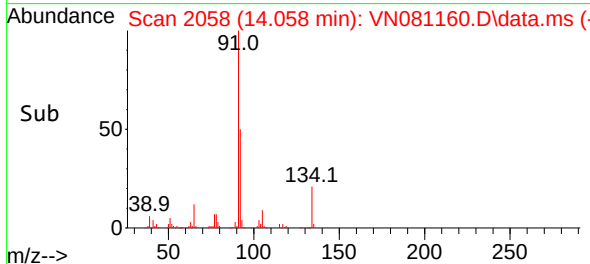
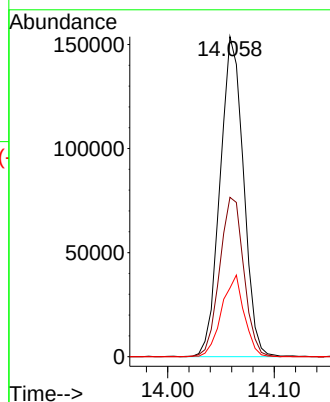
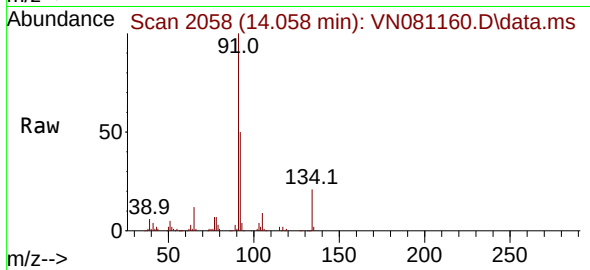
134 24.4 0.0 51.8

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#86

Hexachloroethane

Concen: 20.947 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081160.D

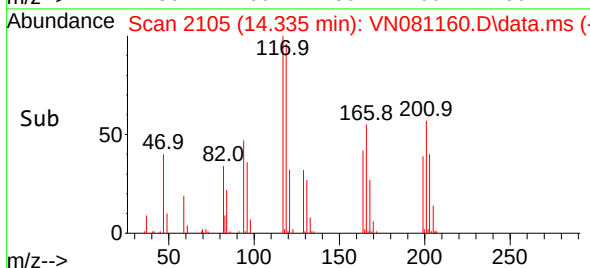
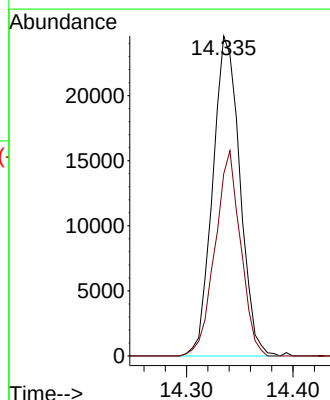
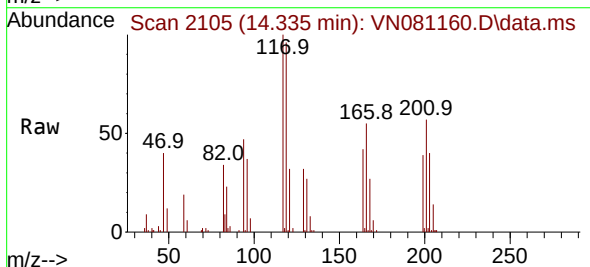
Acq: 23 Feb 2024 14:50

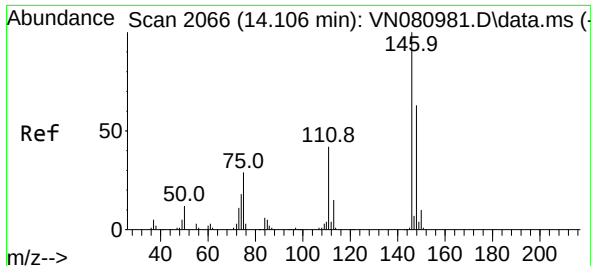
Tgt Ion:117 Resp: 43560

Ion Ratio Lower Upper

117 100

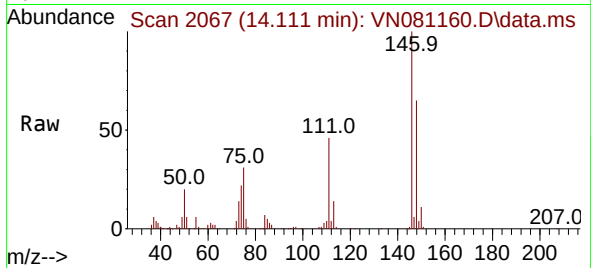
201 60.2 38.0 114.0





#87
 1,2-Dichlorobenzene
 Concen: 18.792 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN081160.D
 Acq: 23 Feb 2024 14:50

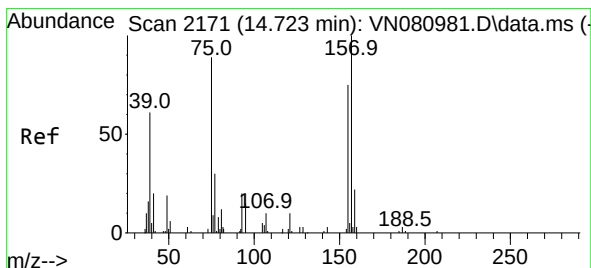
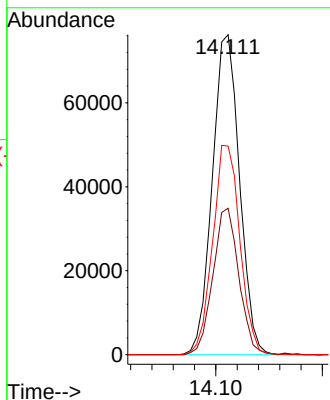
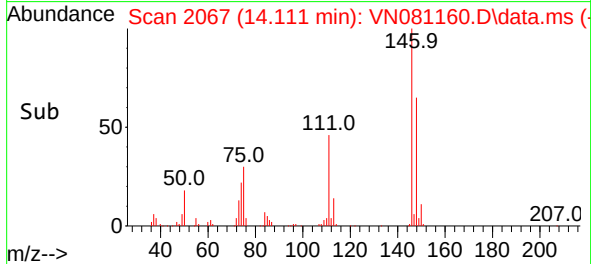
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:146 Resp: 13510
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.6 67.8
 148 65.4 31.3 93.8

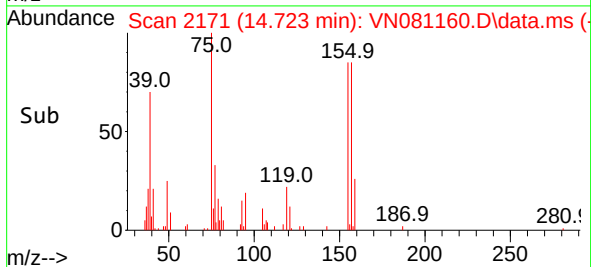
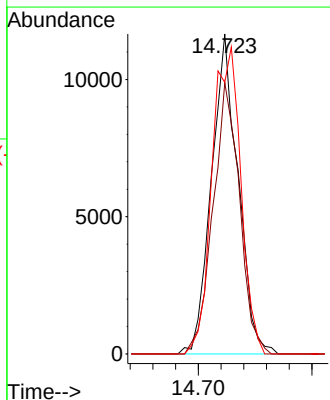
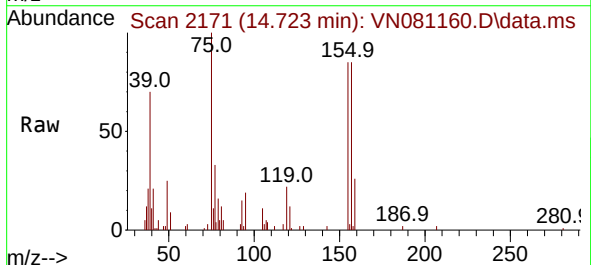
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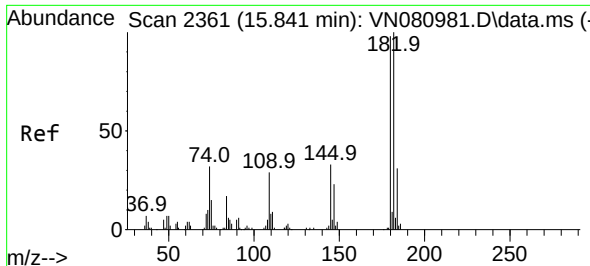
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.583 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081160.D
 Acq: 23 Feb 2024 14:50

Tgt Ion: 75 Resp: 18914
 Ion Ratio Lower Upper
 75 100
 155 84.8 61.7 92.5
 157 103.4 83.6 125.4





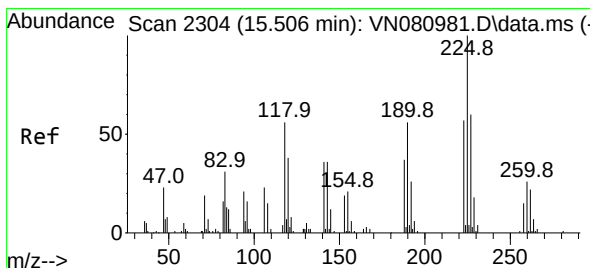
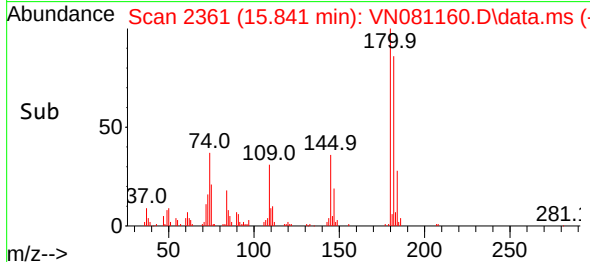
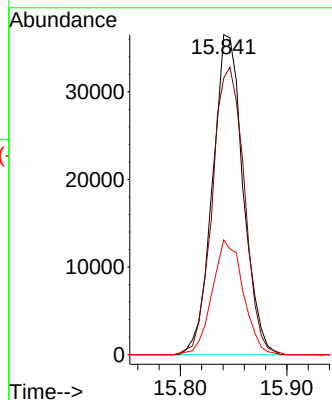
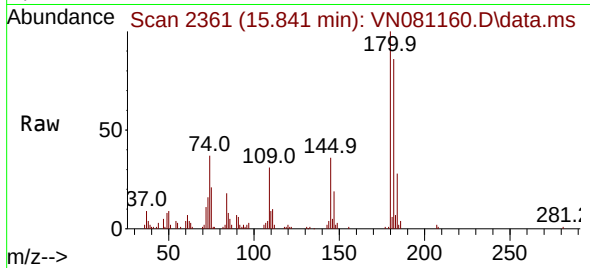
#89
1,2,4-Trichlorobenzene
Concen: 20.642 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 72609
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 36.5 28.4 42.6

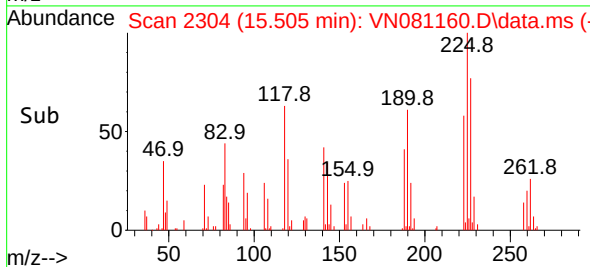
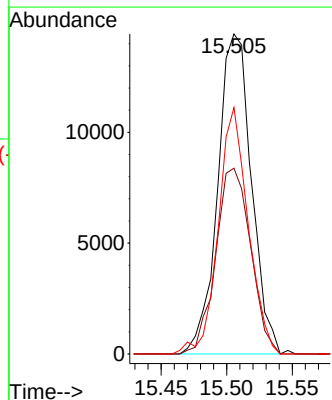
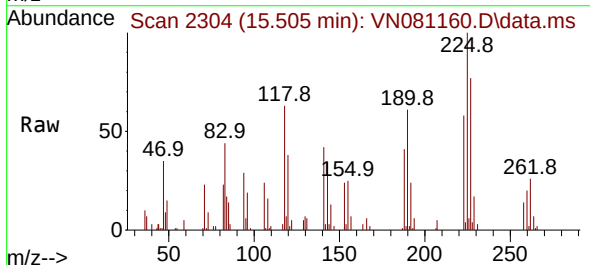
Manual Integrations
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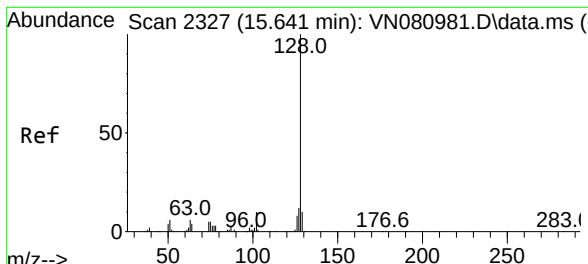
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#90
Hexachlorobutadiene
Concen: 16.726 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

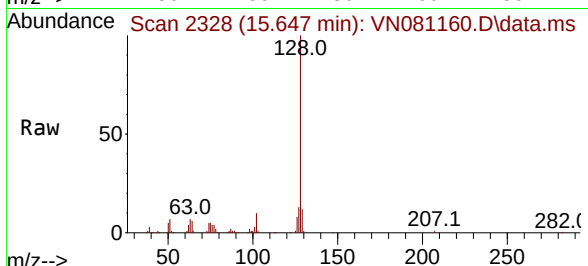
Tgt Ion:225 Resp: 25810
Ion Ratio Lower Upper
225 100
223 60.1 0.0 126.6
227 66.8 0.0 126.6





#91
Naphthalene
Concen: 21.126 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

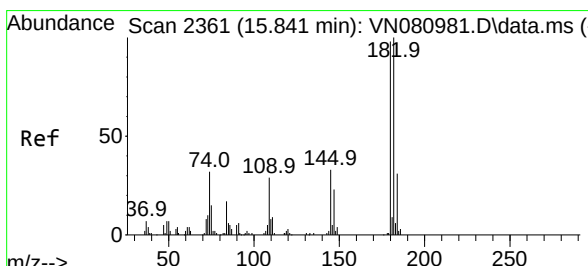
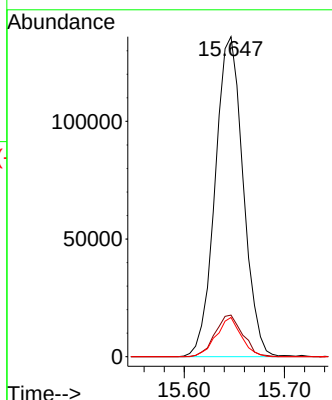
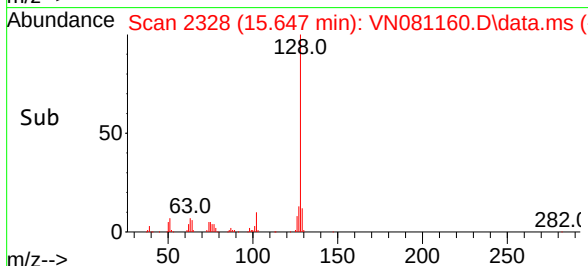
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 26384
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.6 13.0

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Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.642 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081160.D
Acq: 23 Feb 2024 14:50

Tgt Ion:180 Resp: 72605
Ion Ratio Lower Upper
180 100
182 94.5 0.0 191.0
145 36.5 0.0 71.0

