

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081902.D
 Acq On : 29 Apr 2024 09:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 04:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	50446	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	305577	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	268762	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	125664	29.753	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.167%		
60) 4-Bromofluorobenzene	12.847	95	132673	29.662	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.867%		
63) Toluene-d8	10.565	98	378565	29.660	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.867%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	53500	18.683	ug/l	96
3) Chloromethane	2.365	50	60963	18.357	ug/l	96
4) Vinyl Chloride	2.518	62	57557	18.347	ug/l	99
5) Bromomethane	2.971	94	30235	18.470	ug/l	98
6) Chloroethane	3.130	64	32410	18.244	ug/l	94
7) Trichlorofluoromethane	3.501	101	85220	18.564	ug/l	100
8) Diethyl Ether	3.959	74	40986	18.444	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	55962	17.783	ug/l	92
10) 1,1-Dichloroethene	4.342	96	57026	18.522	ug/l #	93
11) Methyl Iodide	4.595	142	49497	17.591	ug/l	79
12) Methyl Acetate	5.030	43	70504m	18.288	ug/l	
13) Acrolein	4.183	56	77569	94.672	ug/l	97
14) Acrylonitrile	5.712	53	154572	87.851	ug/l	98
15) Acetone	4.424	58	35828	90.872	ug/l	100
16) Carbon Disulfide	4.712	76	149325	17.506	ug/l	97
17) Allyl chloride	5.018	41	102693	18.998	ug/l	84
18) Methylene Chloride	5.271	84	63944	18.254	ug/l	92
19) trans-1,2-Dichloroethene	5.789	96	57316	17.885	ug/l	99
20) Diisopropyl ether	6.677	45	206504	17.267	ug/l	94
21) 1,1-Dichloroethane	6.565	63	116226	18.353	ug/l	93
22) cis-1,2-Dichloroethene	7.494	96	72187m	18.484	ug/l	
23) tert-Butyl Alcohol	5.512	59	66288	91.464	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	201899m	18.189	ug/l	
25) Chloroform	7.965	83	112850	18.523	ug/l	94
26) Cyclohexane	8.259	56	104952	19.165	ug/l #	90
29) 1,1-Dichloropropene	8.371	75	81503	17.916	ug/l	99
30) 2-Butanone	7.483	43	204129	87.047	ug/l	94
31) 2,2-Dichloropropane	7.494	77	103060	22.106	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	94500	18.061	ug/l	94
33) Carbon Tetrachloride	8.365	117	74903	17.640	ug/l	97
34) Benzene	8.606	78	259687	17.893	ug/l	97
35) Methacrylonitrile	7.777	41	48592	16.379	ug/l	94
36) 1,2-Dichloroethane	8.671	62	87475	17.955	ug/l	95
37) Trichloroethene	9.353	130	58663	16.503	ug/l	86
38) Methylcyclohexane	9.600	83	101382	18.448	ug/l	95
39) 1,2-Dichloropropane	9.624	63	68282	18.336	ug/l	98
40) Dibromomethane	9.712	93	42879	17.923	ug/l	92
41) Bromodichloromethane	9.888	83	89422	17.488	ug/l	99
42) Vinyl Acetate	6.606	43	906055	90.776	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	79428	15.535	ug/l	95
44) Isopropyl Acetate	8.688	43	157522	17.354	ug/l	92
45) 1,4-Dioxane	9.694	88	26910	369.664	ug/l #	91
46) Methyl methacrylate	9.683	41	71768	17.306	ug/l	84
47) n-amyl Acetate	12.494	43	142929m	17.458	ug/l	
48) t-1,3-Dichloropropene	10.835	75	101274	18.264	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	107920	18.408	ug/l #	83
50) 1,1,2-Trichloroethane	11.018	97	57865	17.828	ug/l	98
51) Ethyl methacrylate	10.877	69	110997	18.120	ug/l	81
52) 1,3-Dichloropropane	11.165	76	107387	18.009	ug/l	97
53) Dibromochloromethane	11.365	129	64159	18.169	ug/l	98
54) 1,2-Dibromoethane	11.471	107	58613	18.107	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	283568	92.572	ug/l	96
56) Bromoform	12.576	173	39995	18.609	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	450781	86.381	ug/l #	87
59) 2-Hexanone	11.194	43	340790	88.076	ug/l #	87
61) Tetrachloroethene	11.106	164	56082	18.806	ug/l	94
62) Toluene	10.630	91	267436	17.685	ug/l	97
64) Chlorobenzene	11.894	112	166228	17.972	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	54695	18.067	ug/l	95
66) Ethyl Benzene	11.965	91	298526	18.010	ug/l	98
67) m/p-Xylenes	12.071	106	221971	36.118	ug/l	99
68) o-Xylene	12.400	106	110788	18.220	ug/l	100
69) Styrene	12.412	104	184892	18.114	ug/l	98
70) Isopropylbenzene	12.694	105	281581	18.234	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	77786	17.504	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	83619	20.126	ug/l	95
73) Bromobenzene	12.982	156	60156	18.198	ug/l	87
74) n-propylbenzene	13.035	91	335214	18.399	ug/l	99
75) 2-Chlorotoluene	13.129	91	202665	17.981	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	229273	18.342	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	37967	20.531	ug/l	94
78) 4-Chlorotoluene	13.224	91	198078	17.939	ug/l	100
79) tert-butylbenzene	13.441	119	193726	18.000	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	220111	17.531	ug/l	97
81) sec-Butylbenzene	13.618	105	269907	17.891	ug/l	99
82) p-Isopropyltoluene	13.729	119	221100	18.534	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	110328	18.535	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	107981	18.049	ug/l	99
85) n-Butylbenzene	14.059	91	201778	18.517	ug/l	98
86) Hexachloroethane	14.335	117	43179	18.153	ug/l	83
87) 1,2-Dichlorobenzene	14.106	146	108950	18.378	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	16421	16.467	ug/l	91
89) 1,2,4-Trichlorobenzene	15.841	180	57616	17.650	ug/l	99
90) Hexachlorobutadiene	15.506	225	21728	17.972	ug/l	98
91) Naphthalene	15.641	128	213249	17.185	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	57616	17.650	ug/l	99

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

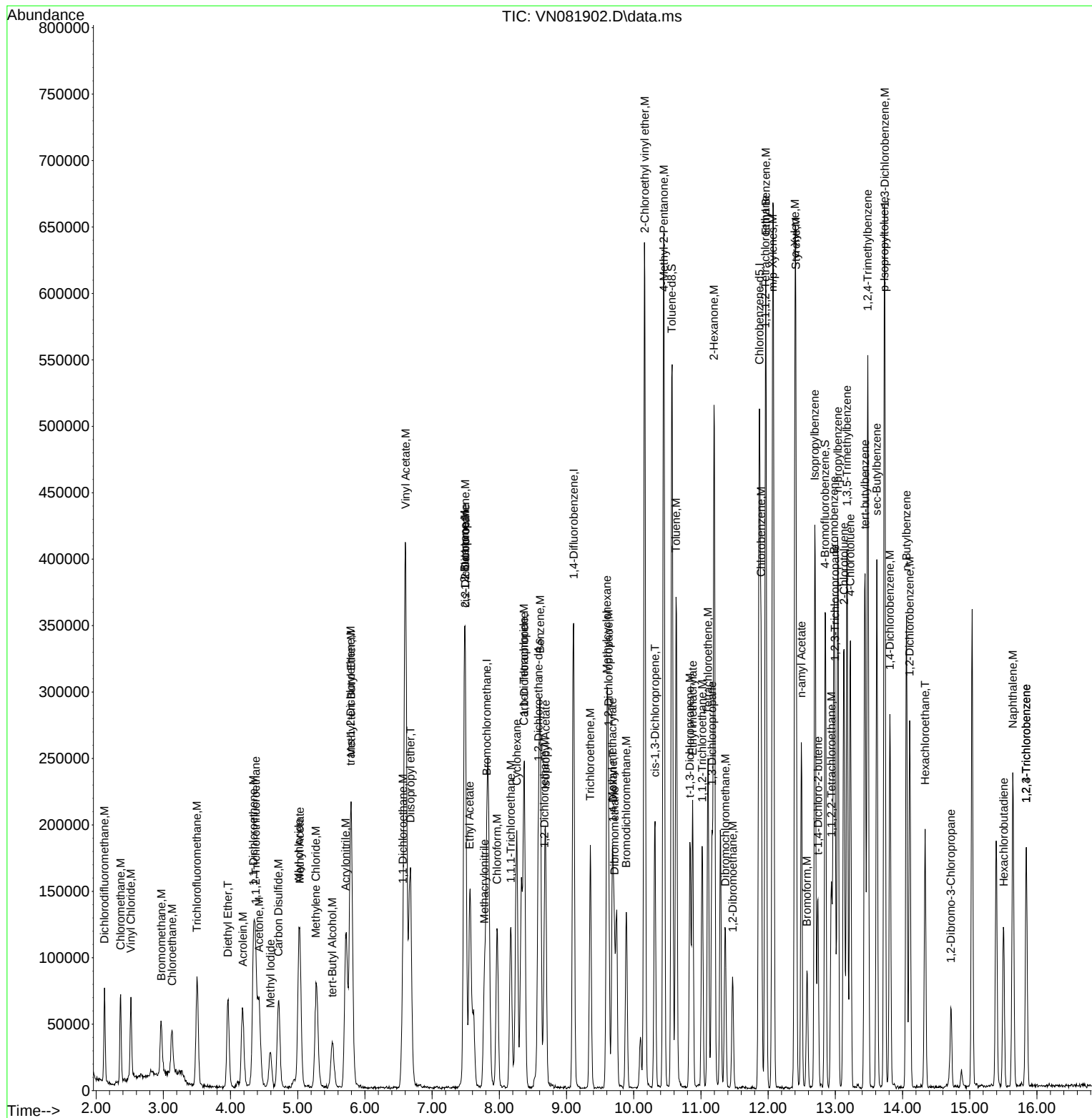
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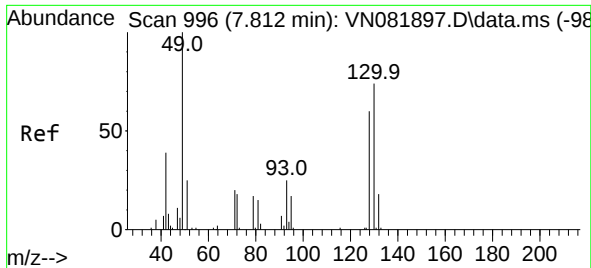
Instrument :
MSVOA_N
ClientSampleId :
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Response via : Initial Calibration

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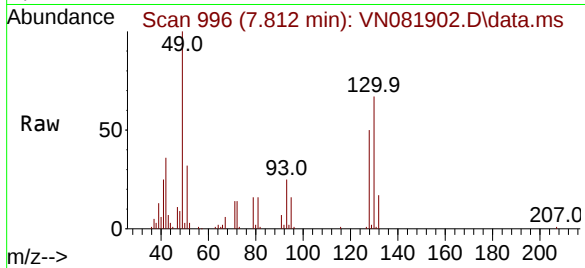
Reviewed By : John Carlone 04/30/2024
Supervised By : Mahesh Dadoda 04/30/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

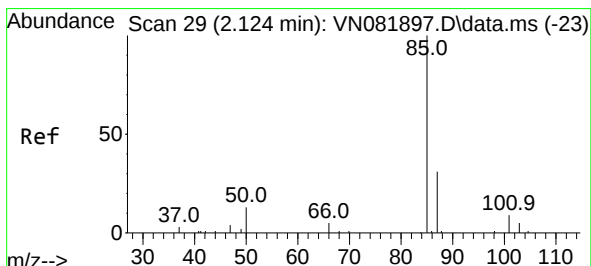
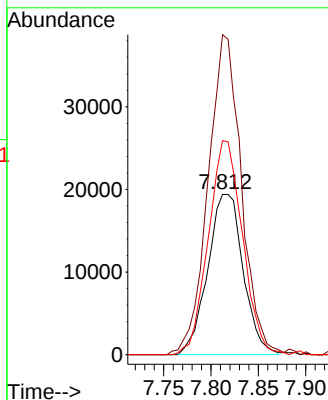
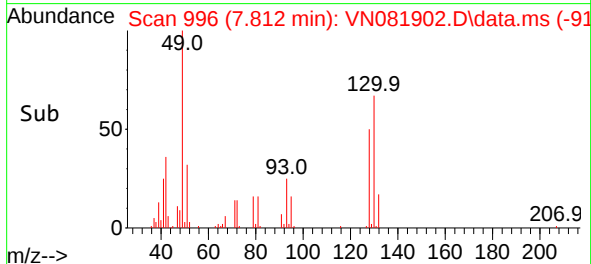
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



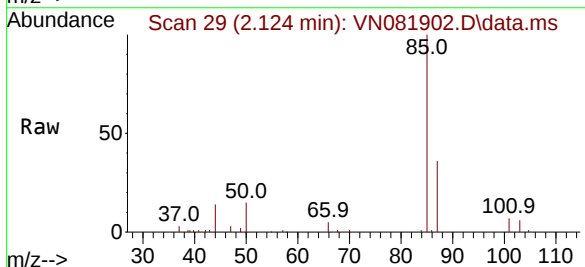
Tgt Ion:128 Resp: 50440
Ion Ratio Lower Upper
128 100
49 187.2 0.0 403.7
130 129.1 0.0 323.3

Manual Integrations
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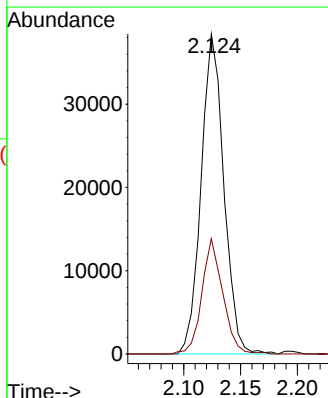
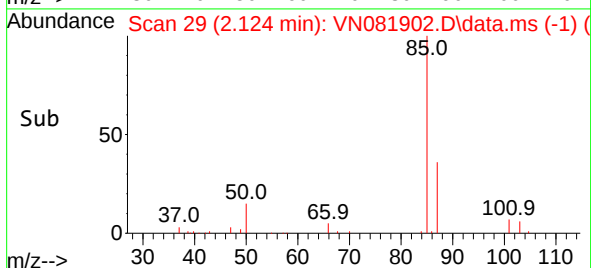
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

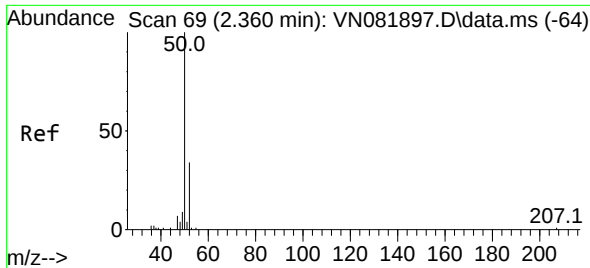


#2
Dichlorodifluoromethane
Concen: 18.683 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



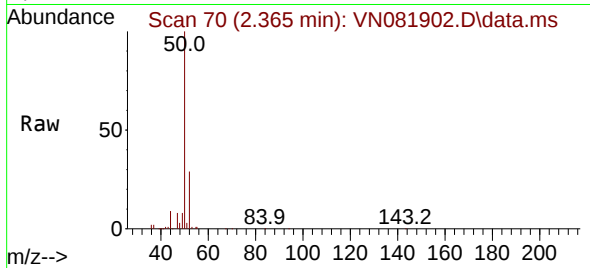
Tgt Ion: 85 Resp: 53500
Ion Ratio Lower Upper
85 100
87 36.0 16.8 50.3





#3
Chloromethane
Concen: 18.357 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

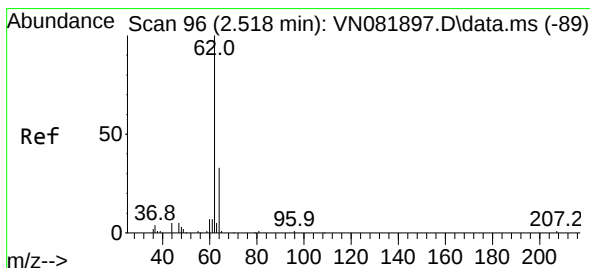
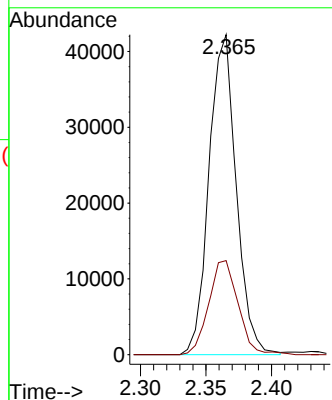
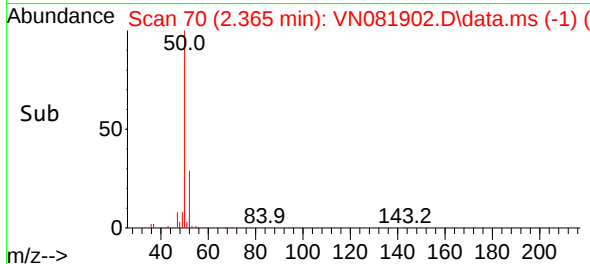
Instrument :
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VSTDCCC020



Tgt Ion: 50 Resp: 6096
Ion Ratio Lower Upper
50 100
52 29.4 25.4 38.0

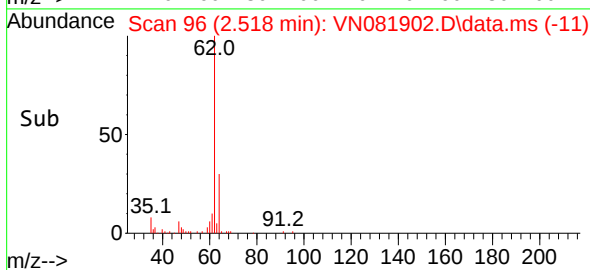
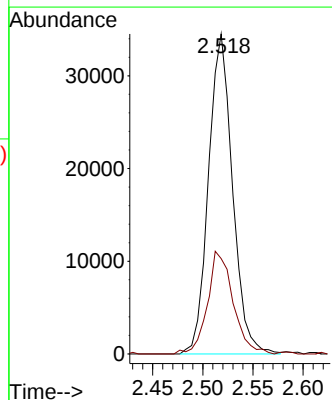
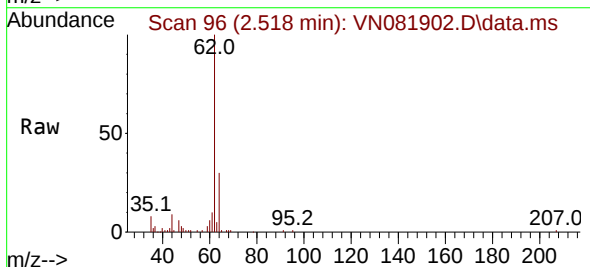
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APPROVED

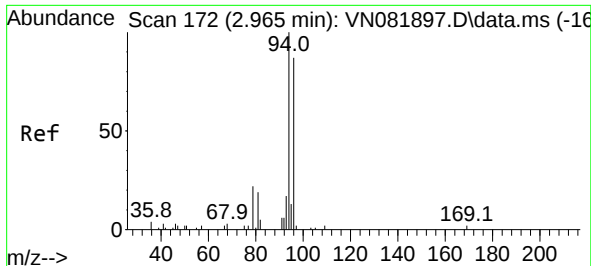
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#4
Vinyl Chloride
Concen: 18.347 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 62 Resp: 57557
Ion Ratio Lower Upper
62 100
64 29.3 24.1 36.1





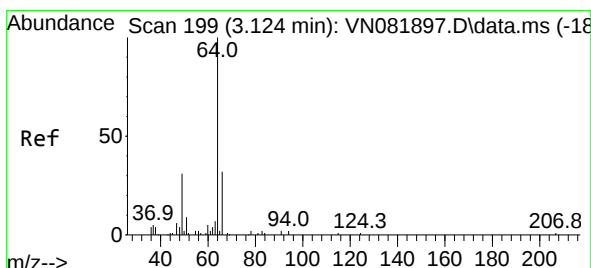
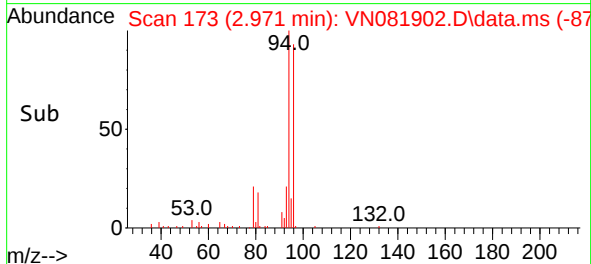
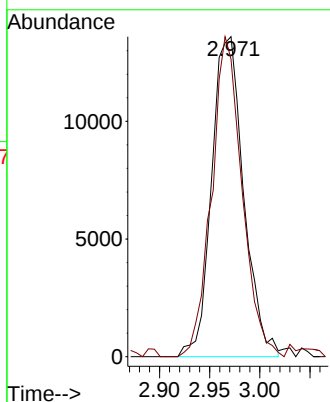
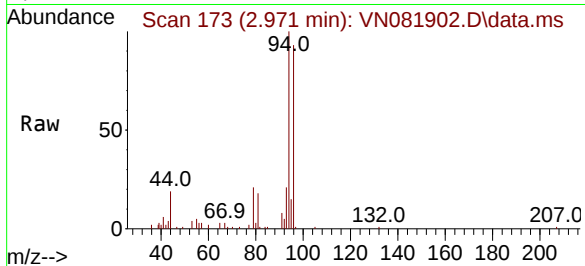
#5
Bromomethane
Concen: 18.470 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 30235
Ion Ratio Lower Upper
94 100
96 93.0 72.8 109.2

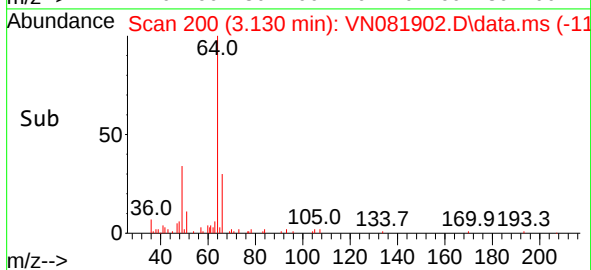
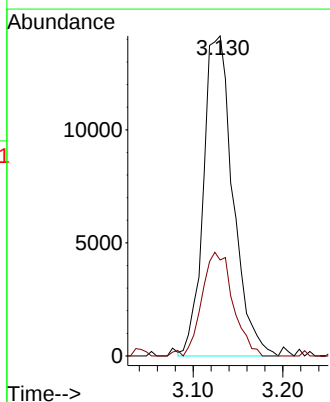
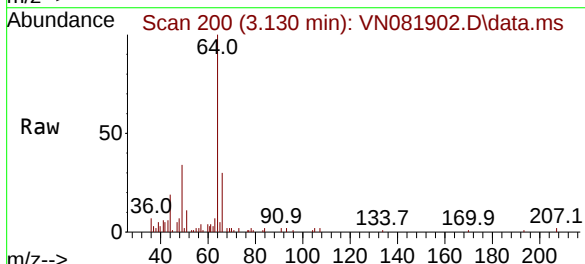
Manual Integrations
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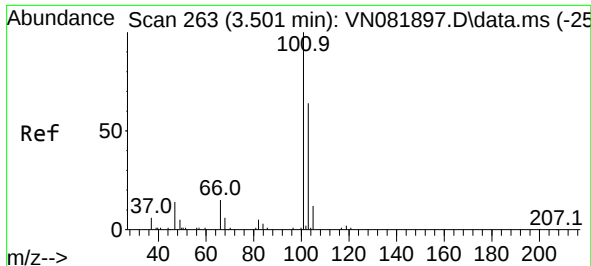
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#6
Chloroethane
Concen: 18.244 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 64 Resp: 32410
Ion Ratio Lower Upper
64 100
66 30.0 26.7 40.1





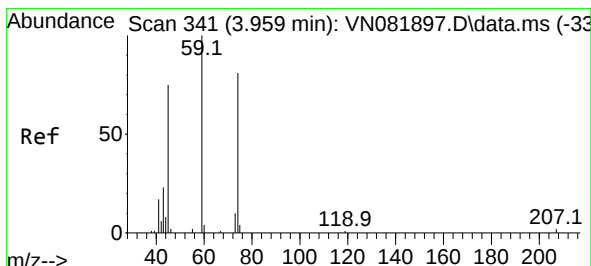
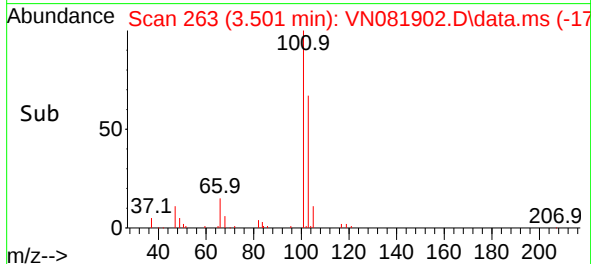
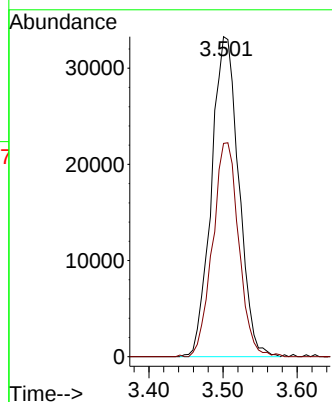
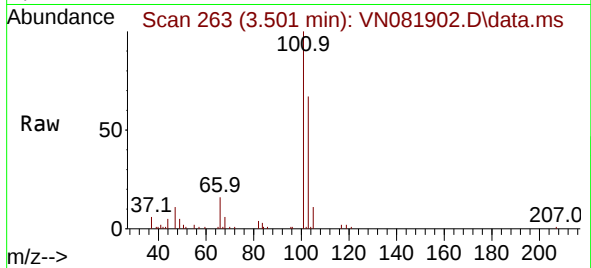
#7
Trichlorofluoromethane
Concen: 18.564 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 85220
Ion Ratio Lower Upper
101 100
103 66.2 53.0 79.4

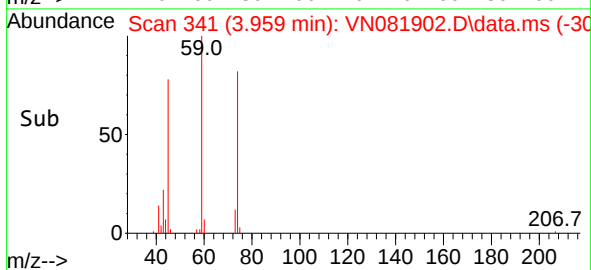
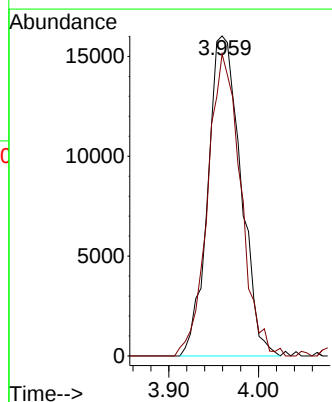
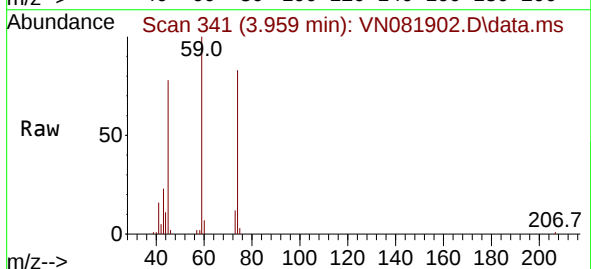
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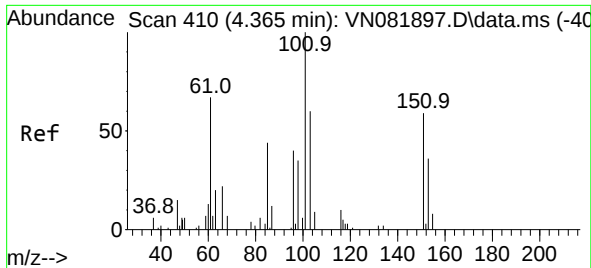
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#8
Diethyl Ether
Concen: 18.444 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 74 Resp: 40986
Ion Ratio Lower Upper
74 100
45 93.7 16.4 147.4





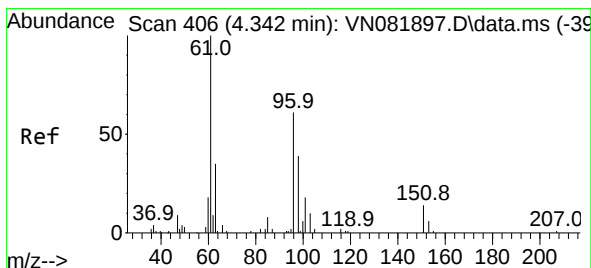
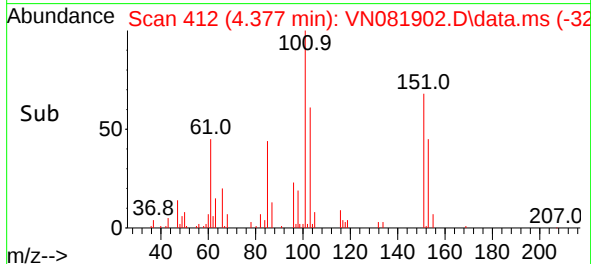
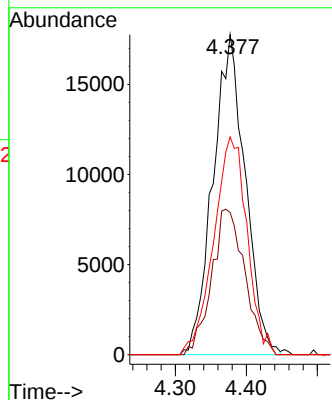
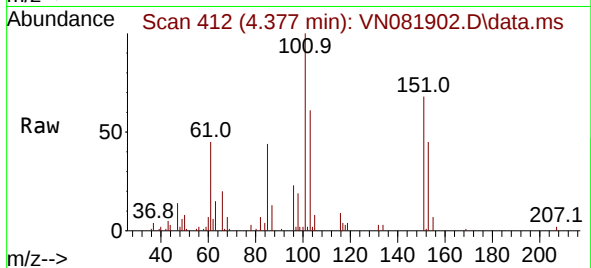
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.783 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 55962
Ion Ratio Lower Upper
101 100
85 47.0 0.0 90.6
151 69.4 0.0 157.6

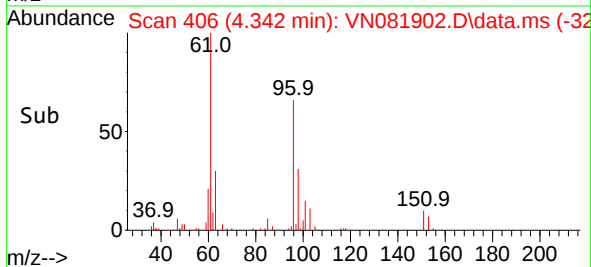
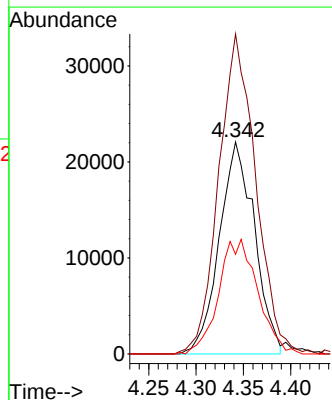
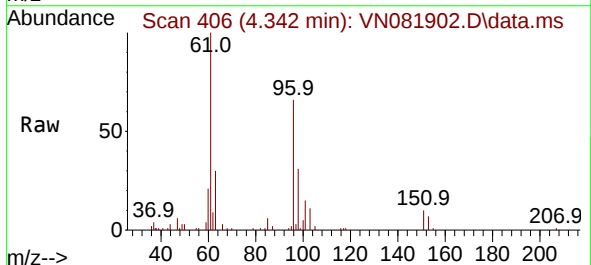
Manual Integrations
APPROVED

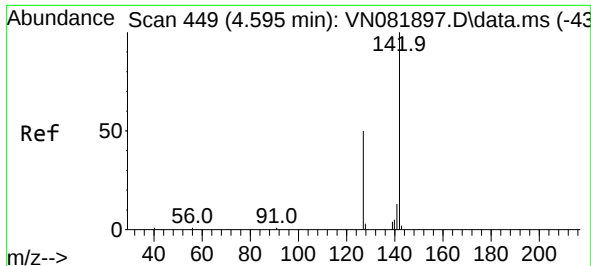
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#10
1,1-Dichloroethene
Concen: 18.522 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

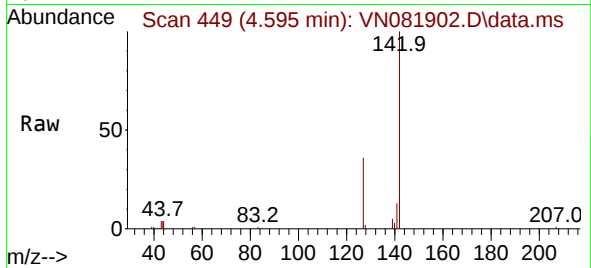
Tgt Ion: 96 Resp: 57026
Ion Ratio Lower Upper
96 100
61 149.7 117.6 176.4
98 46.3 48.4 72.6#





#11
Methyl Iodide
Concen: 17.591 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

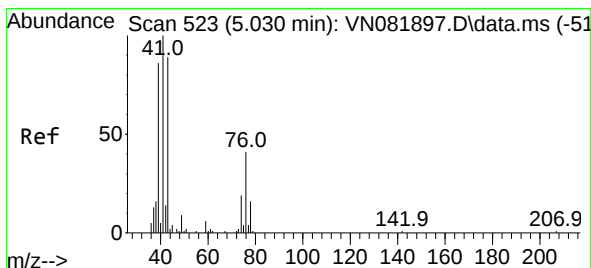
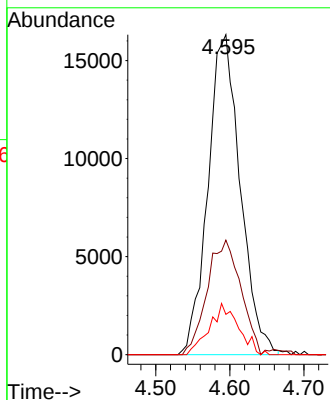
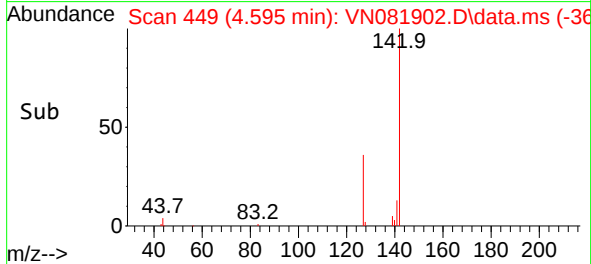
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



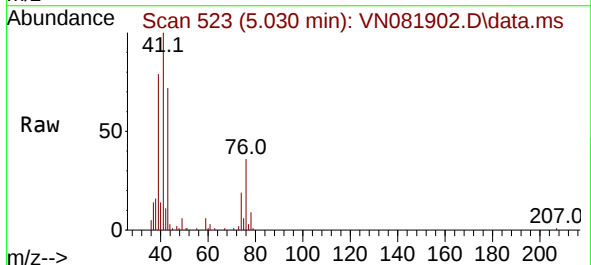
Tgt Ion:142 Resp: 4949
Ion Ratio Lower Upper
142 100
127 35.3 26.3 78.9
141 12.7 8.3 24.9

Manual Integrations
APPROVED

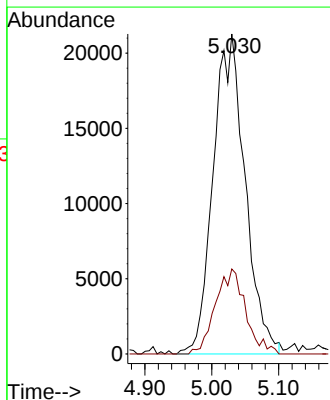
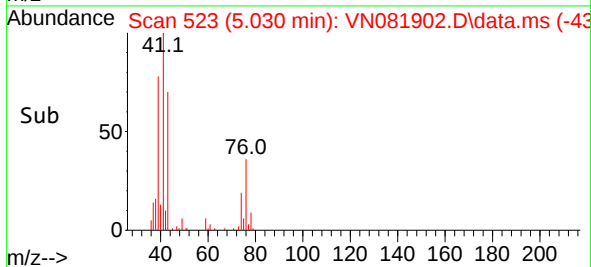
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

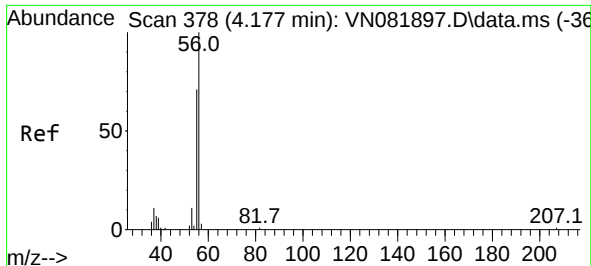


#12
Methyl Acetate
Concen: 18.288 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



Tgt Ion: 43 Resp: 70504
Ion Ratio Lower Upper
43 100
74 26.6 27.7 41.5#





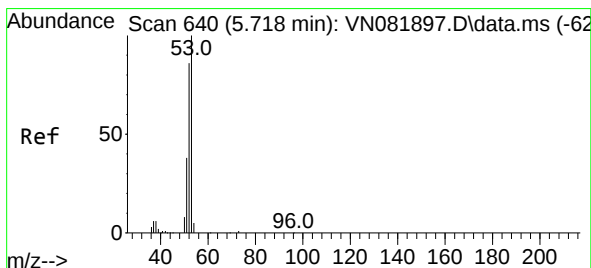
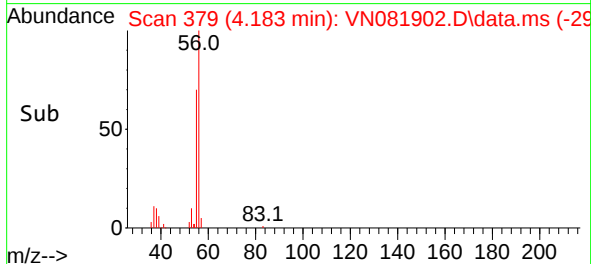
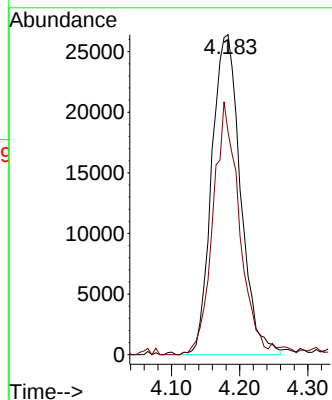
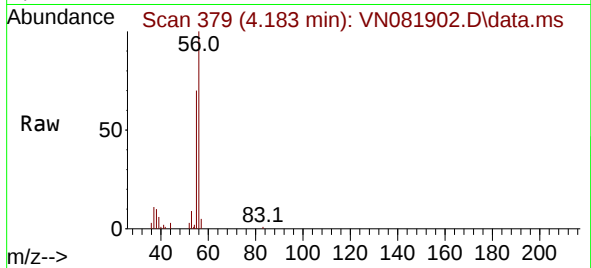
#13
Acrolein
Concen: 94.672 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 77569
Ion Ratio Lower Upper
56 100
55 71.8 55.5 83.3

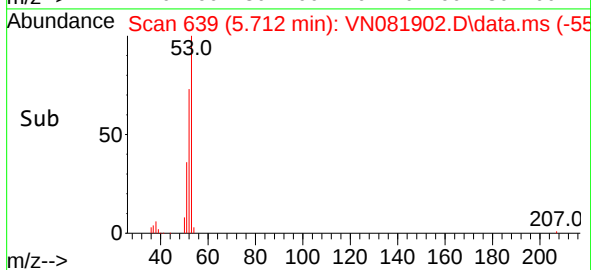
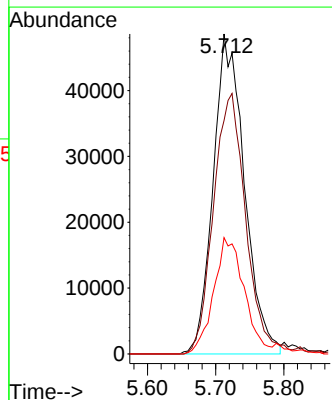
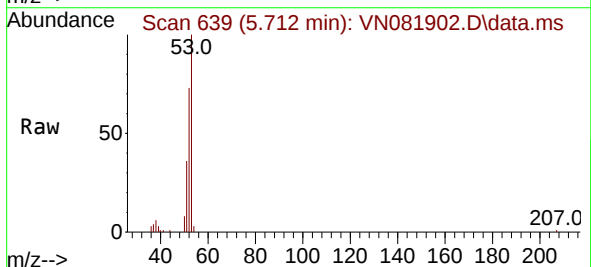
Manual Integrations
APPROVED

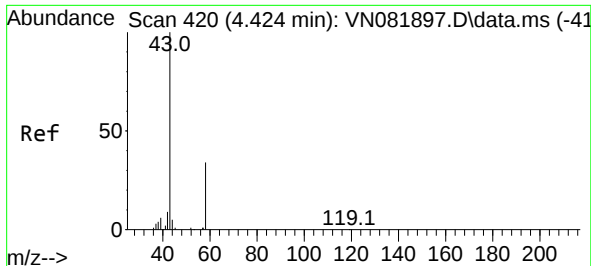
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#14
Acrylonitrile
Concen: 87.851 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 53 Resp: 154572
Ion Ratio Lower Upper
53 100
52 84.3 41.3 123.9
51 35.7 16.8 50.3





#15

Acetone

Concen: 90.872 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 35828

Ion Ratio Lower Upper

58 100

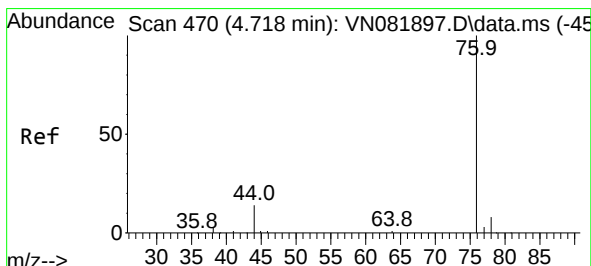
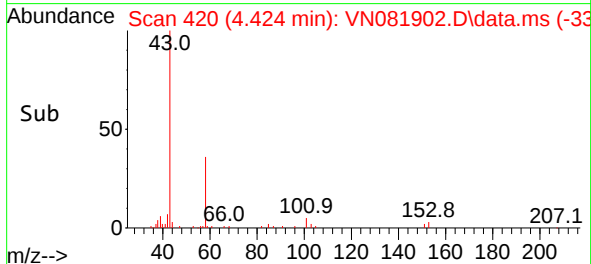
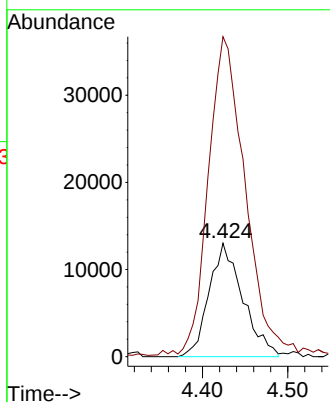
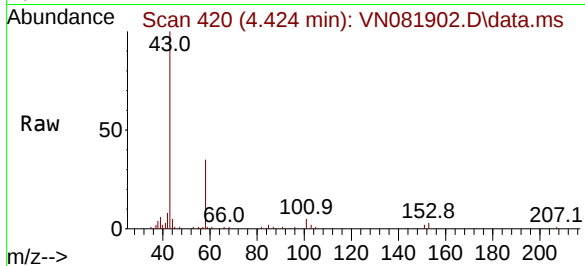
43 279.5 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#16

Carbon Disulfide

Concen: 17.506 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN081902.D

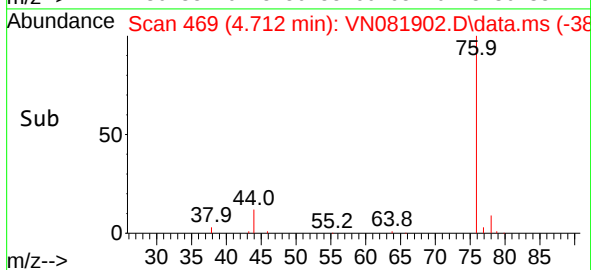
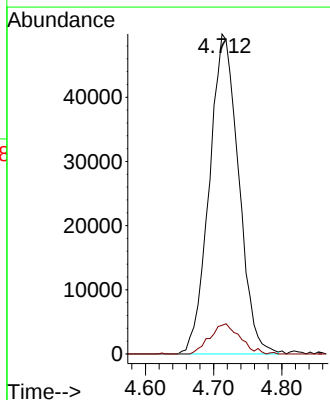
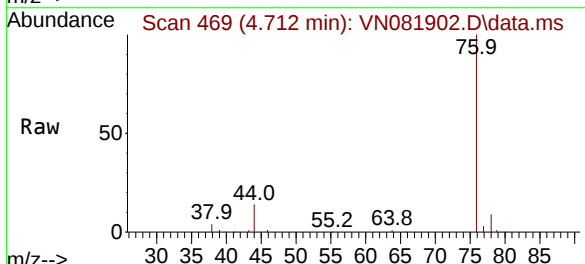
Acq: 29 Apr 2024 09:30

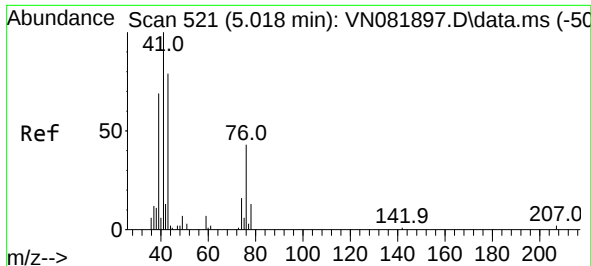
Tgt Ion: 76 Resp: 149325

Ion Ratio Lower Upper

76 100

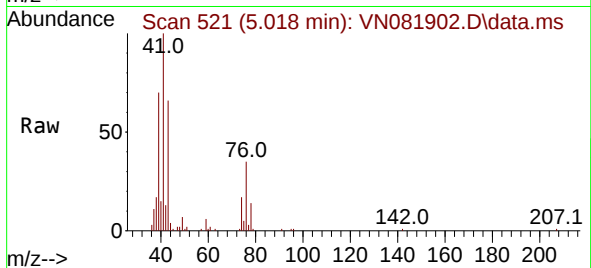
78 9.0 6.3 9.5





#17
Allyl chloride
Concen: 18.998 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

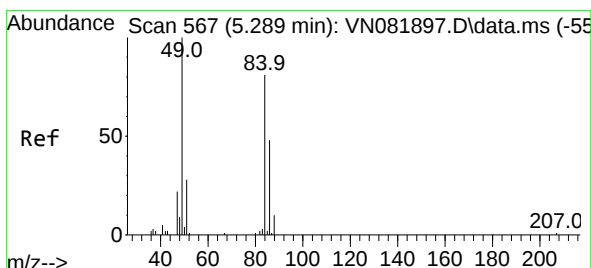
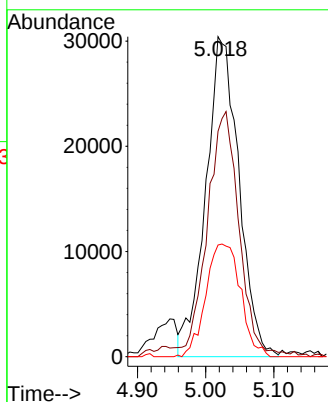
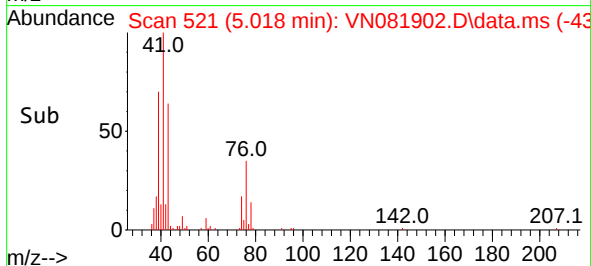
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 10269
Ion Ratio Lower Upper
41 100
39 69.6 37.6 112.9
76 35.1 27.8 83.4

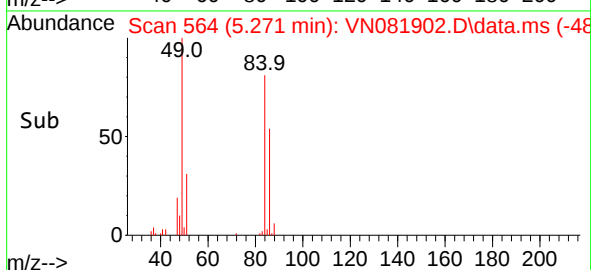
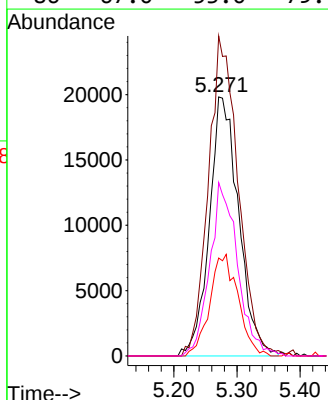
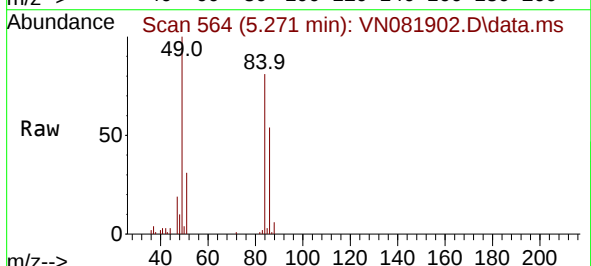
Manual Integrations
APPROVED

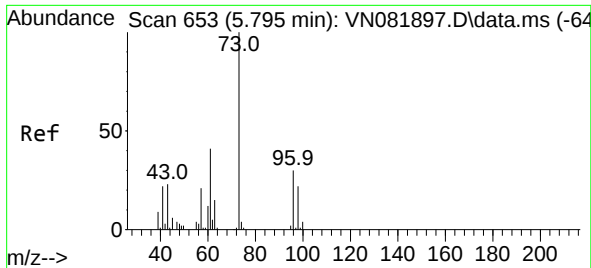
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#18
Methylene Chloride
Concen: 18.254 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.018 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

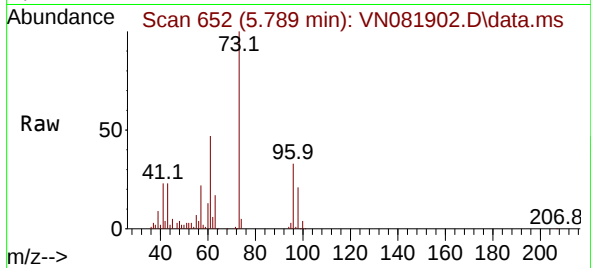
Tgt Ion: 84 Resp: 63944
Ion Ratio Lower Upper
84 100
49 123.5 86.0 129.0
51 37.8 30.0 45.0
86 67.0 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 17.885 ug/l
RT: 5.789 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

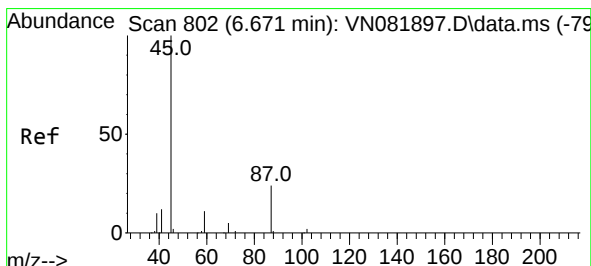
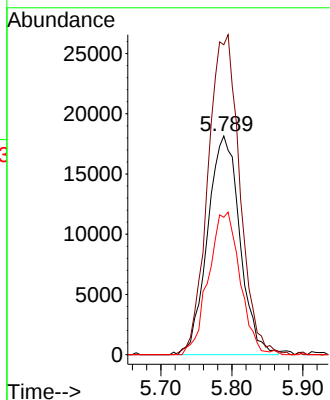
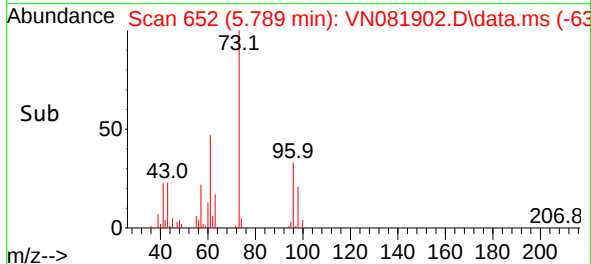
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 57310
Ion Ratio Lower Upper
96 100
61 140.8 111.8 167.6
98 62.8 49.2 73.8

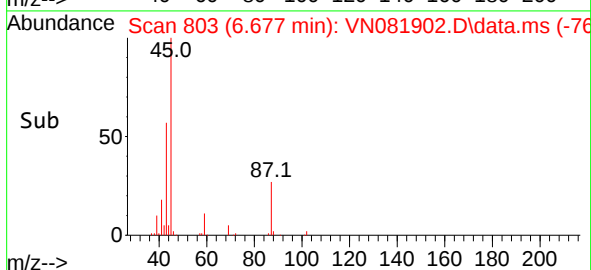
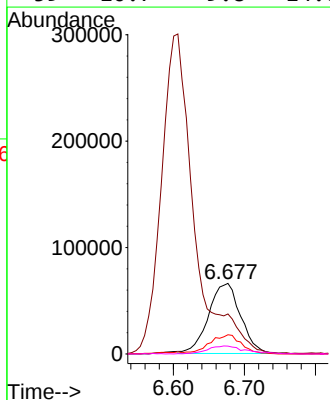
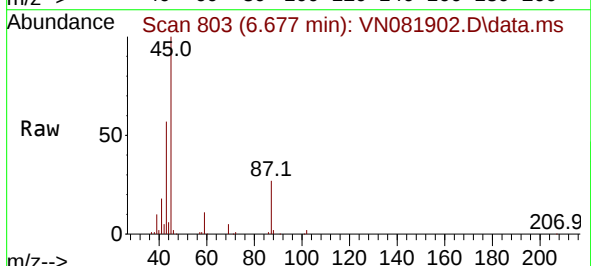
Manual Integrations
APPROVED

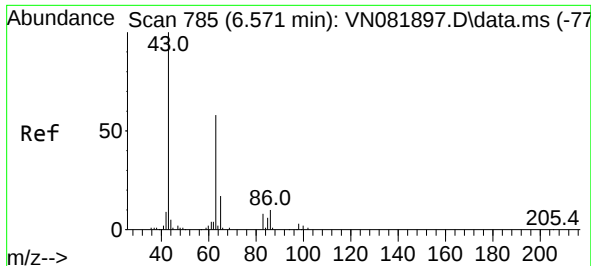
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#20
Diisopropyl ether
Concen: 17.267 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

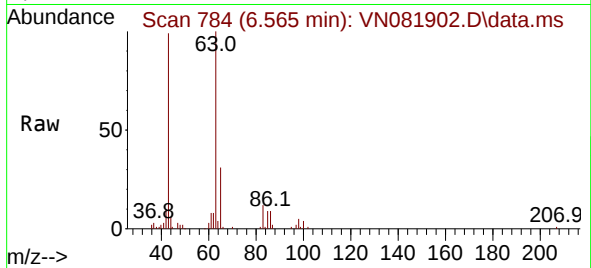
Tgt Ion: 45 Resp: 206504
Ion Ratio Lower Upper
45 100
43 55.8 40.4 60.6
87 27.3 23.8 35.8
59 10.7 9.8 14.6





#21
1,1-Dichloroethane
Concen: 18.353 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

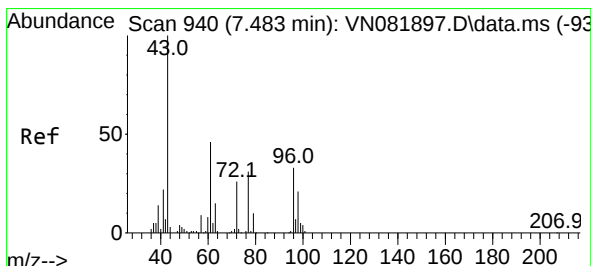
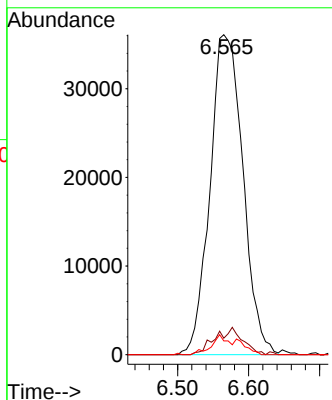
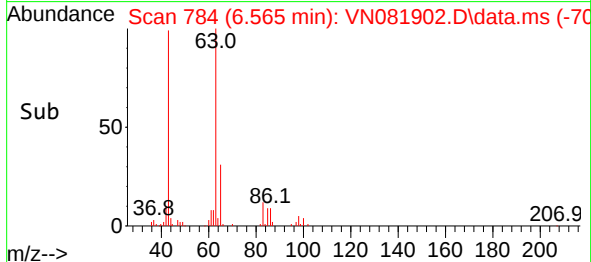
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 116220
Ion Ratio Lower Upper
63 100
98 5.2 4.1 12.3
100 4.3 3.0 9.0

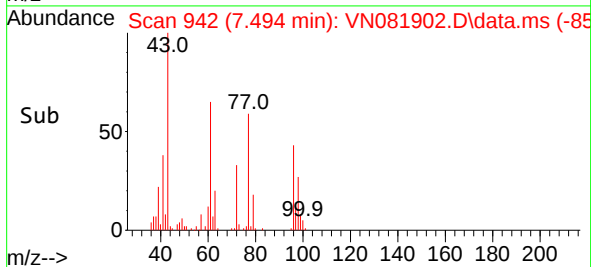
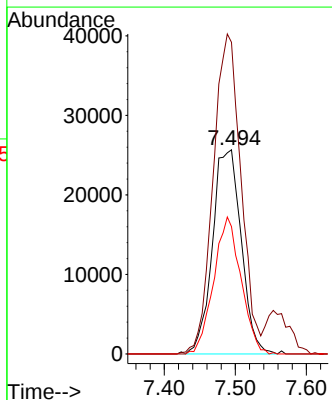
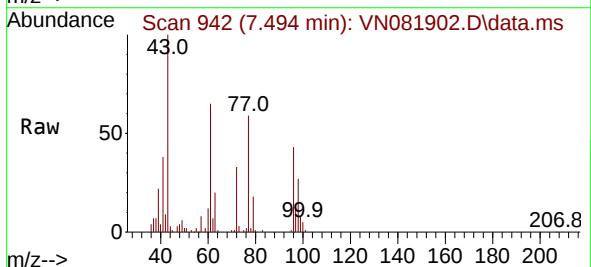
Manual Integrations
APPROVED

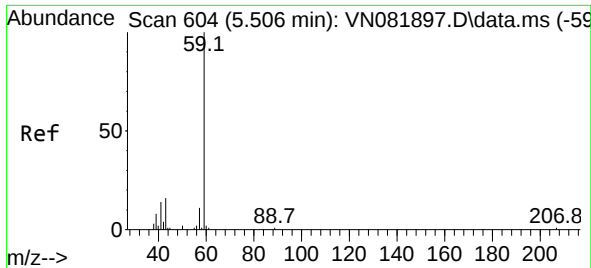
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#22
cis-1,2-Dichloroethene
Concen: 18.484 ug/l m
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

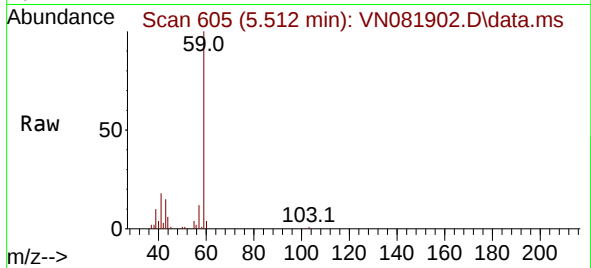
Tgt Ion: 96 Resp: 72187
Ion Ratio Lower Upper
96 100
61 151.5 113.5 170.3
98 63.5 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 91.464 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

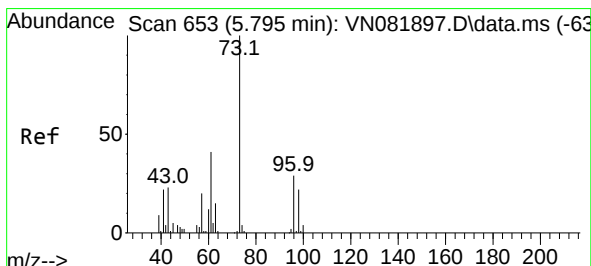
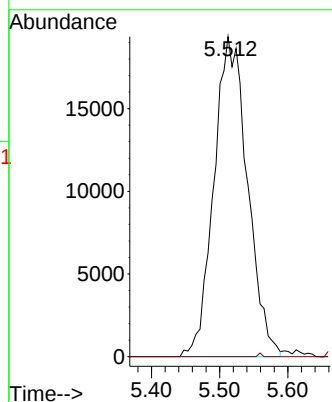
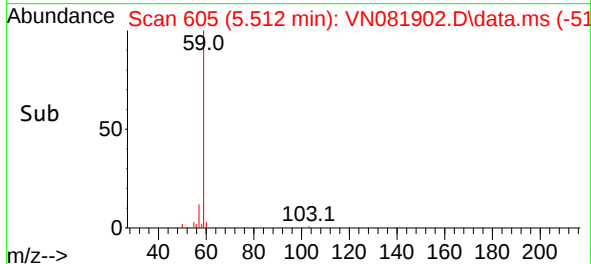
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 66288
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

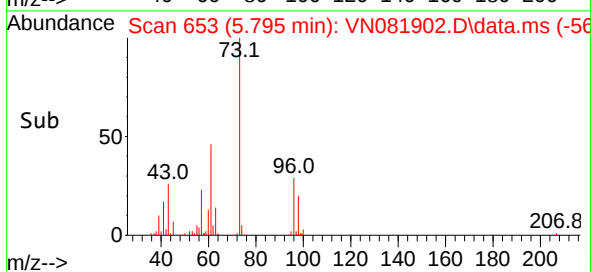
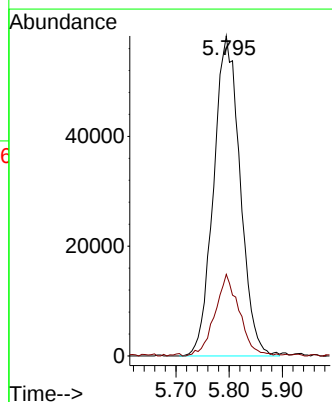
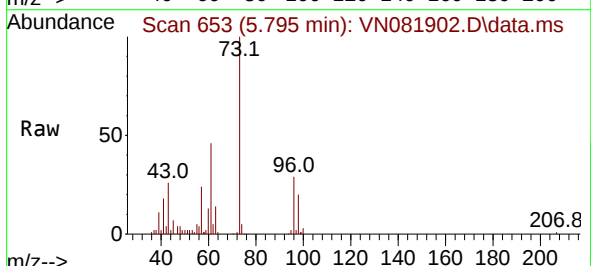
Manual Integrations
APPROVED

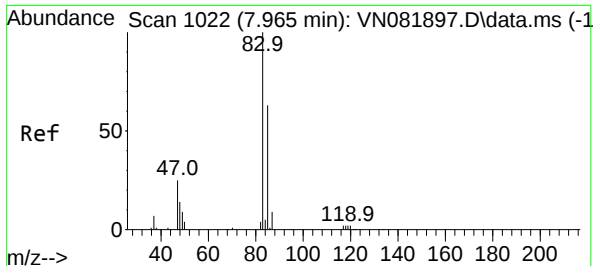
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#24
Methyl tert-Butyl Ether
Concen: 18.189 ug/l m
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 73 Resp: 201899
Ion Ratio Lower Upper
73 100
43 0.1 13.4 20.2#





#25

Chloroform

Concen: 18.523 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 112850

Ion Ratio Lower Upper

83 100

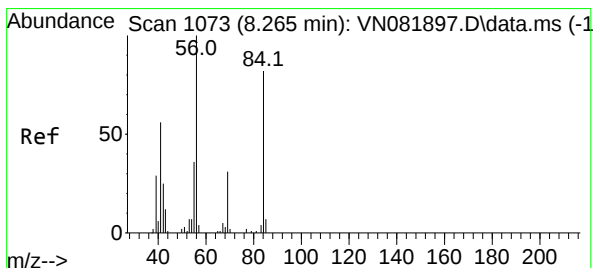
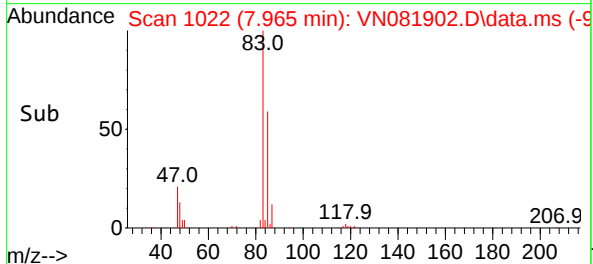
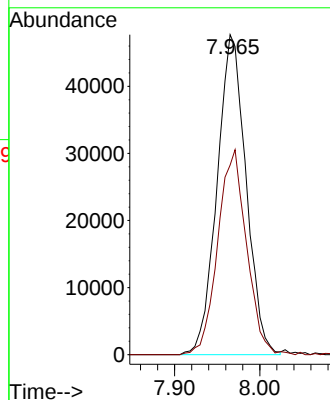
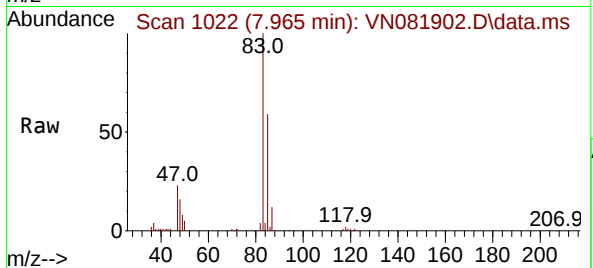
85 59.2 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#26

Cyclohexane

Concen: 19.165 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

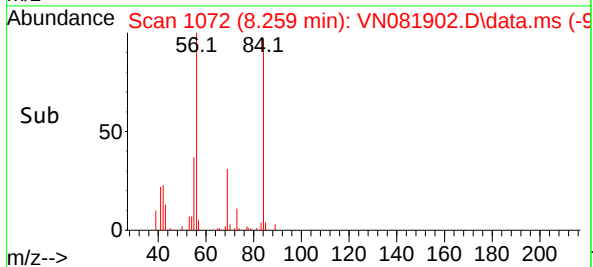
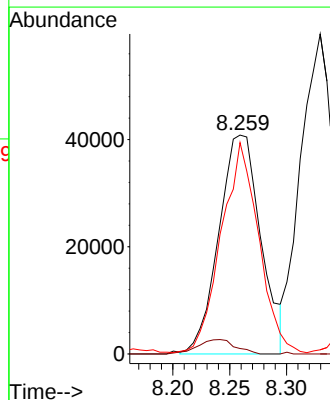
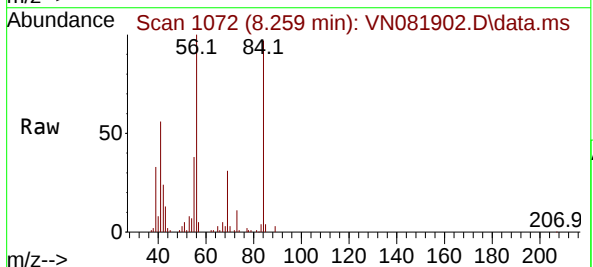
Tgt Ion: 56 Resp: 104952

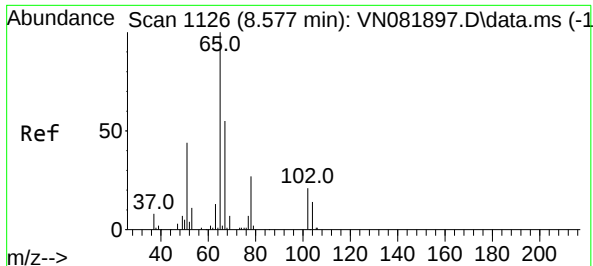
Ion Ratio Lower Upper

56 100

89 5.9 19.3 28.9#

84 86.9 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 29.753 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 125664

Ion Ratio Lower Upper

65 100

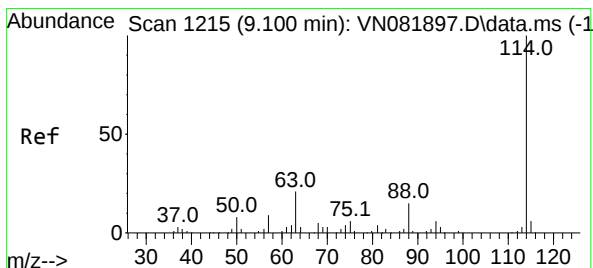
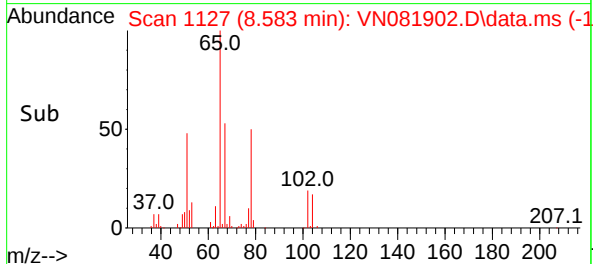
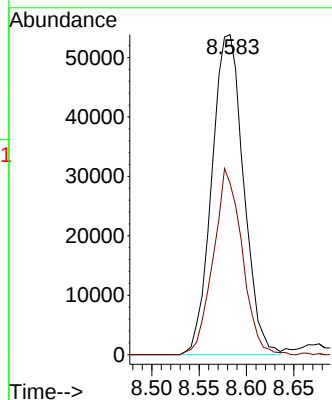
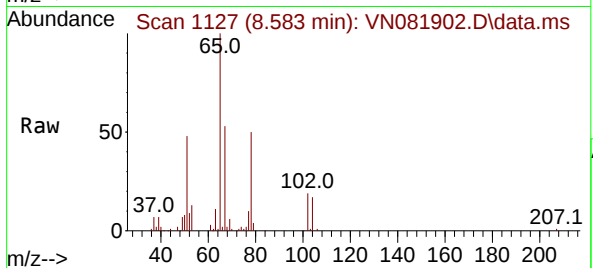
67 52.7 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

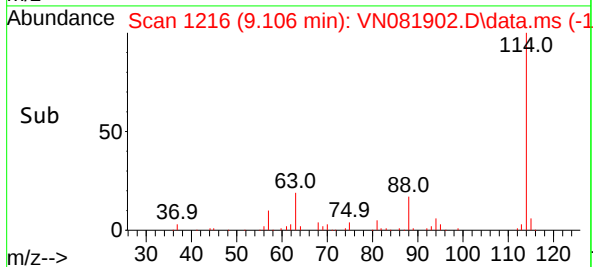
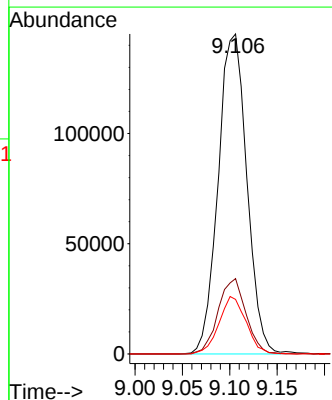
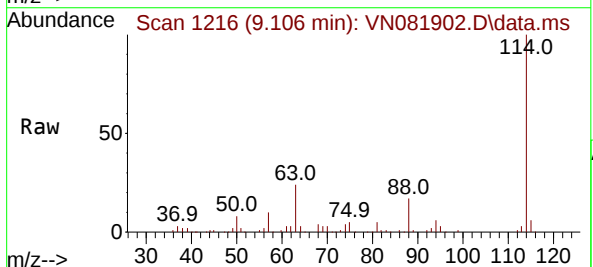
Tgt Ion:114 Resp: 305577

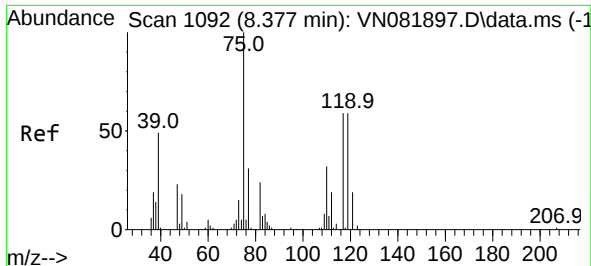
Ion Ratio Lower Upper

114 100

63 22.8 15.9 23.9

88 17.0 12.7 19.1





#29
1,1-Dichloropropene
Concen: 17.916 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

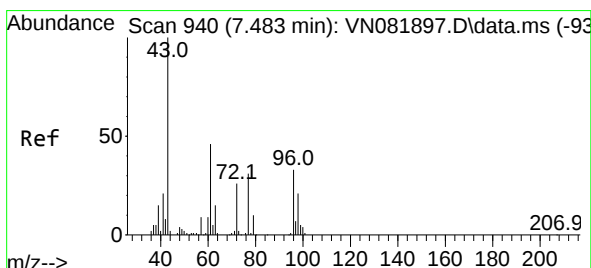
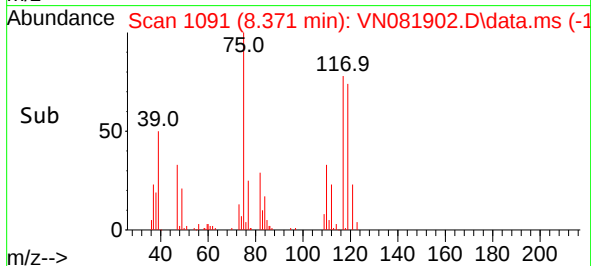
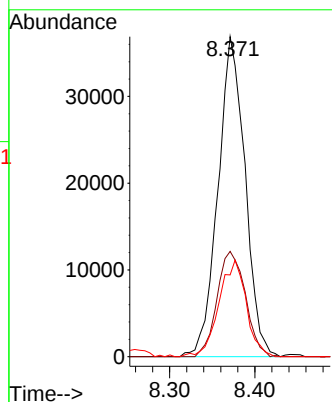
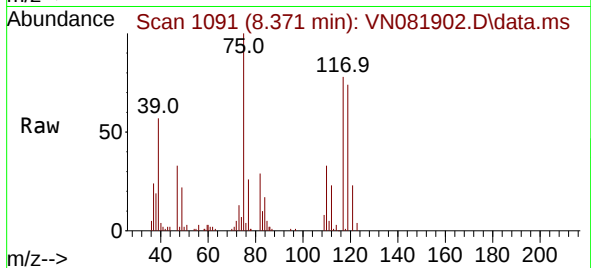
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 81500

Ion	Ratio	Lower	Upper
75	100		
110	34.3	0.0	70.2
77	30.0	0.0	61.4

Manual Integrations
APPROVED

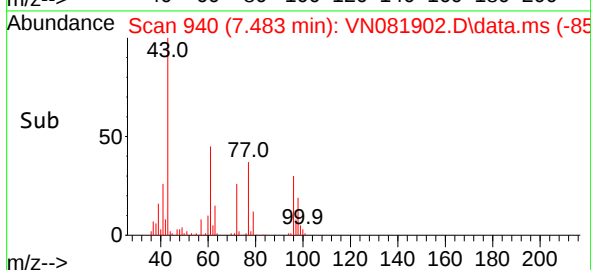
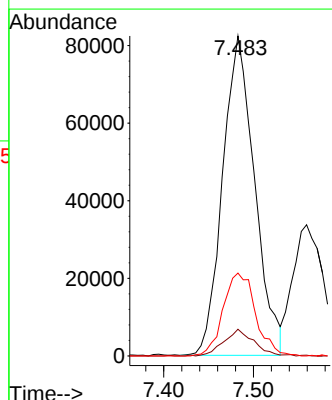
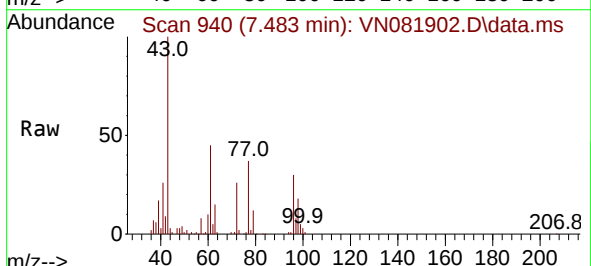
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

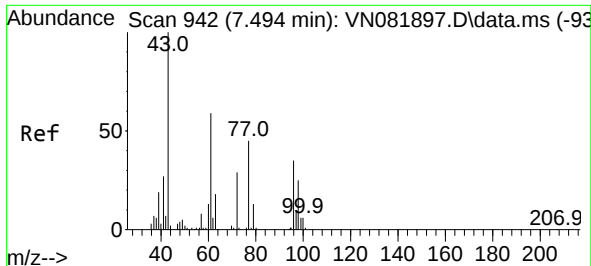


#30
2-Butanone
Concen: 87.047 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 43 Resp: 204129

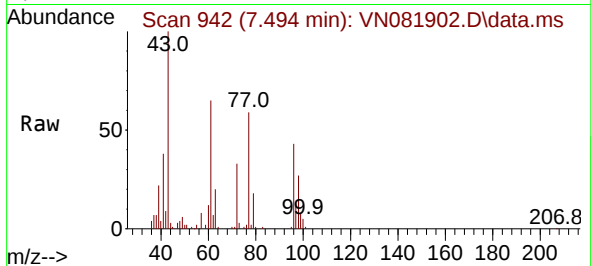
Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.7	10.1
72	26.3	24.0	36.0





#31
2,2-Dichloropropane
Concen: 22.106 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

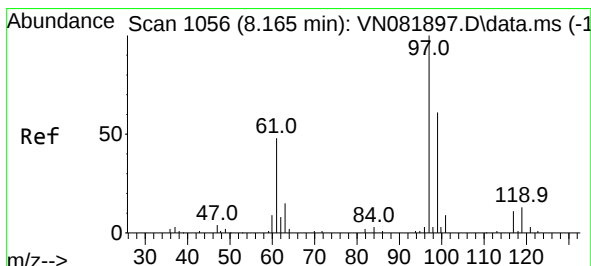
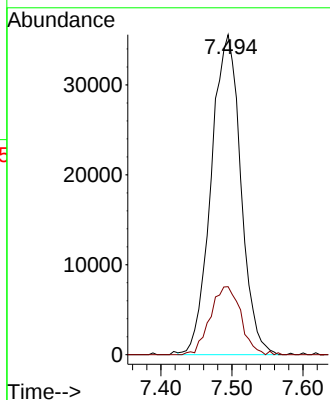
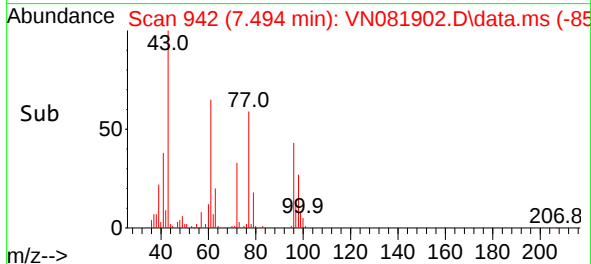
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



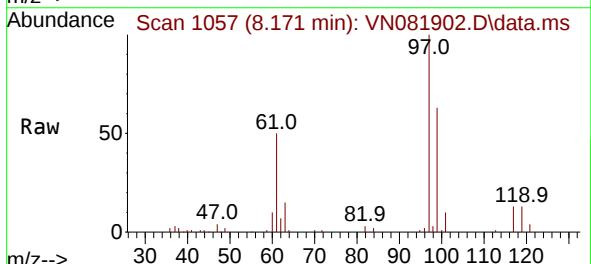
Tgt Ion: 77 Resp: 103060
Ion Ratio Lower Upper
77 100
97 21.5 18.3 27.5

Manual Integrations
APPROVED

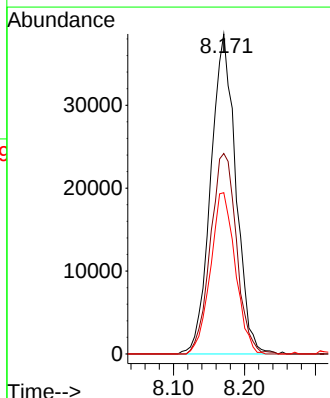
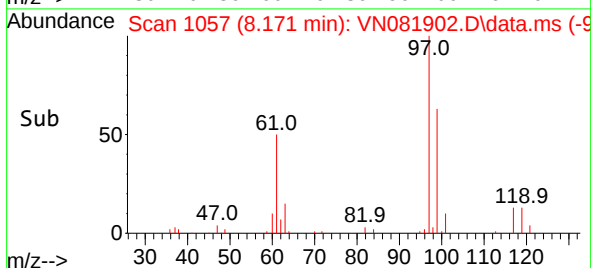
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

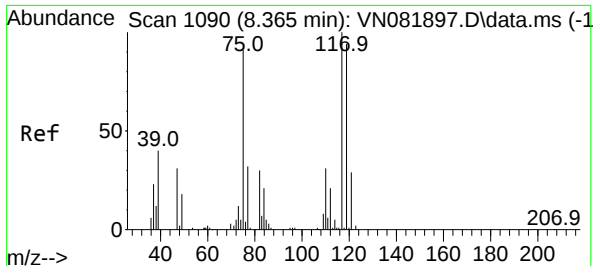


#32
1,1,1-Trichloroethane
Concen: 18.061 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



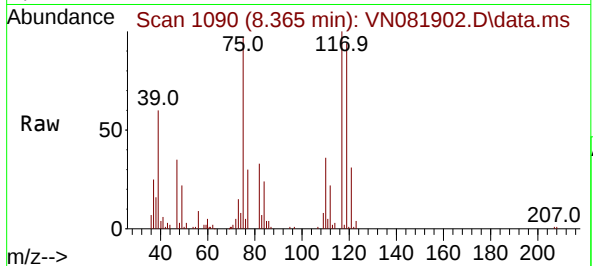
Tgt Ion: 97 Resp: 94500
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 49.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 17.640 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

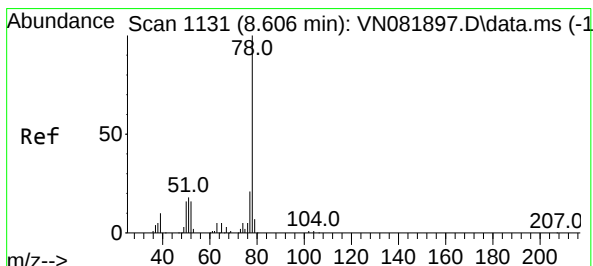
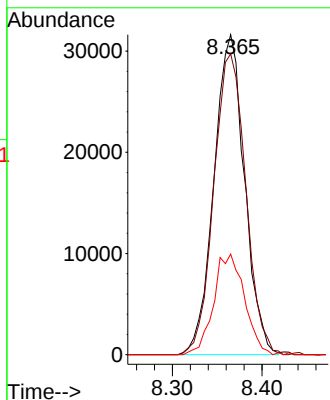
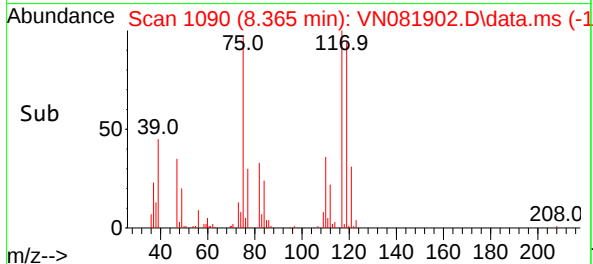
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 7490
Ion Ratio Lower Upper
117 100
119 94.0 77.7 116.5
121 31.5 27.0 40.6

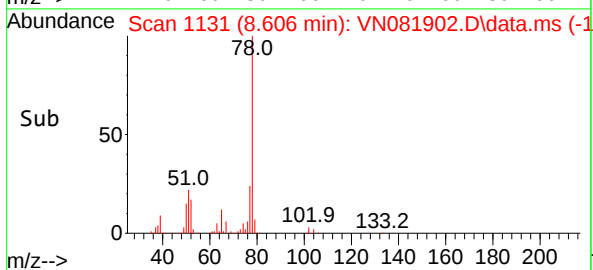
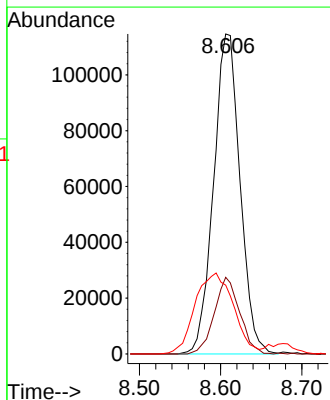
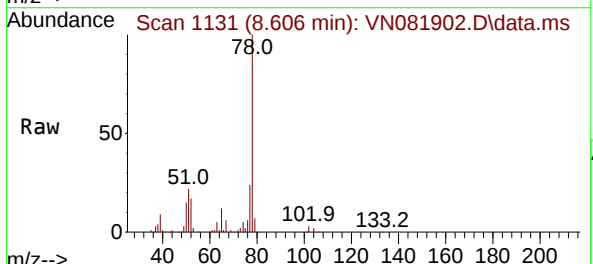
Manual Integrations
APPROVED

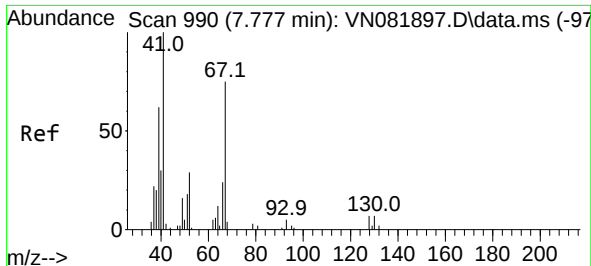
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#34
Benzene
Concen: 17.893 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

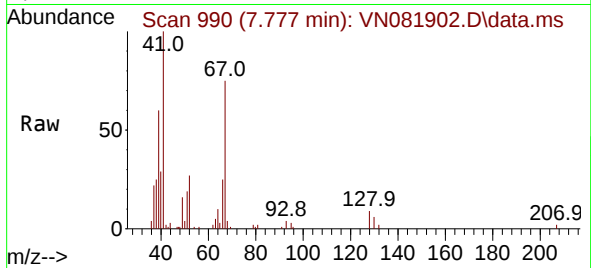
Tgt Ion: 78 Resp: 259687
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 19.4 13.3 19.9





#35
Methacrylonitrile
Concen: 16.379 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

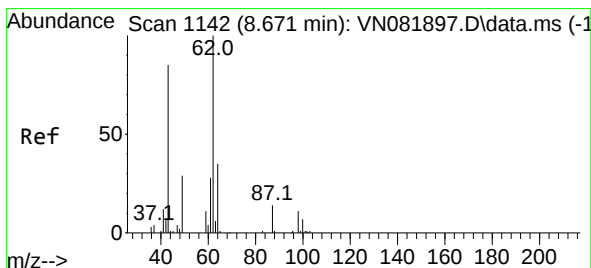
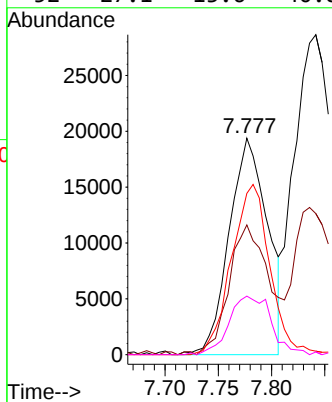
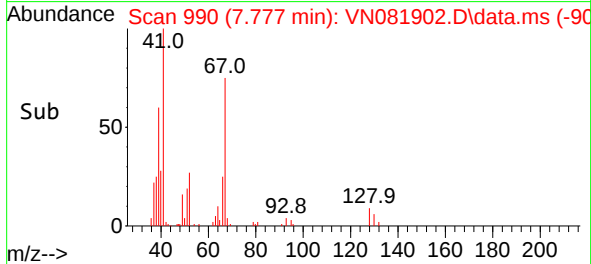
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 48592
Ion Ratio Lower Upper
41 100
39 59.9 25.3 75.9
67 74.5 38.7 116.1
52 27.1 13.6 40.8

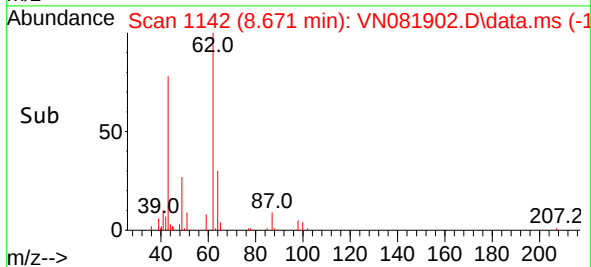
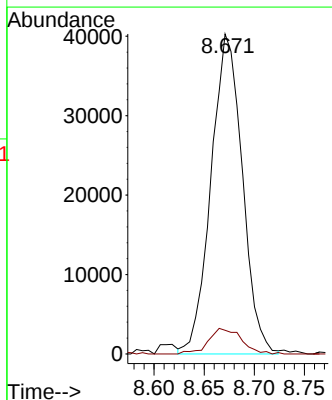
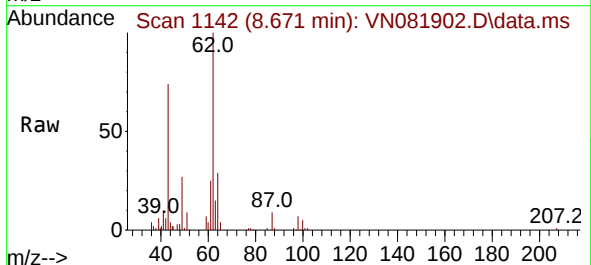
Manual Integrations
APPROVED

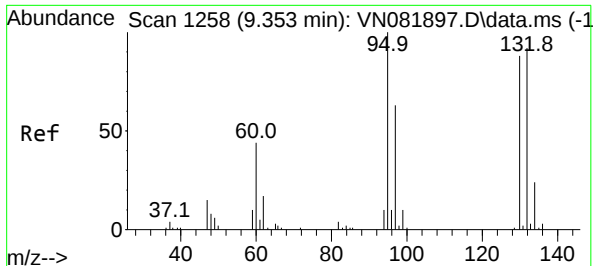
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#36
1,2-Dichloroethane
Concen: 17.955 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 62 Resp: 87475
Ion Ratio Lower Upper
62 100
98 8.3 8.2 12.4





#37

Trichloroethene

Concen: 16.503 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 5866

Ion Ratio Lower Upper

130 100

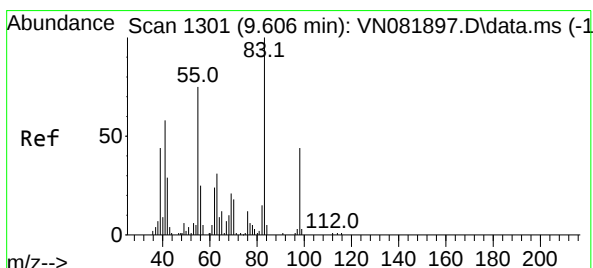
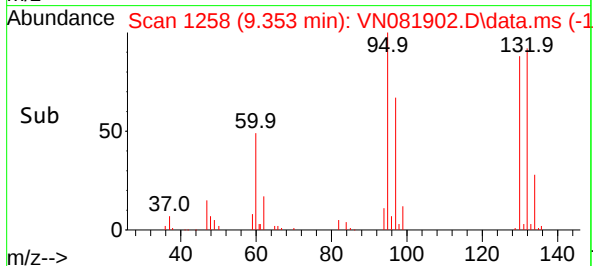
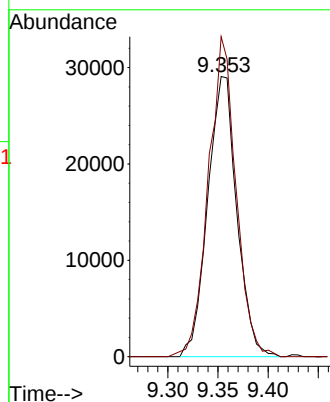
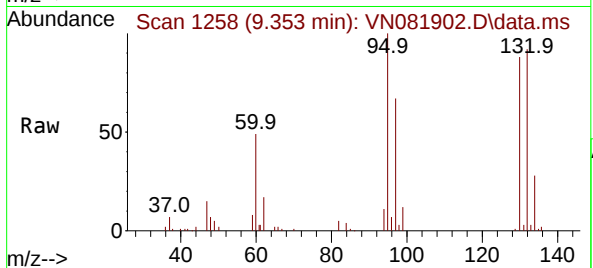
95 114.2 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#38

Methylcyclohexane

Concen: 18.448 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

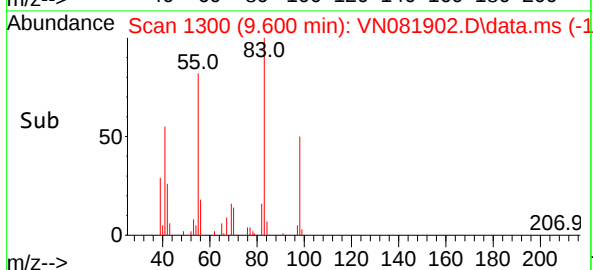
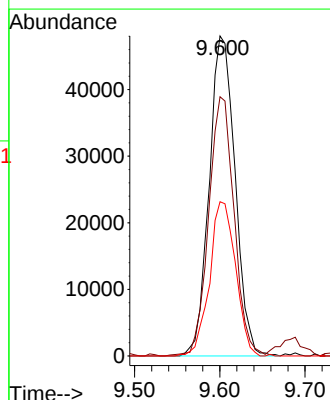
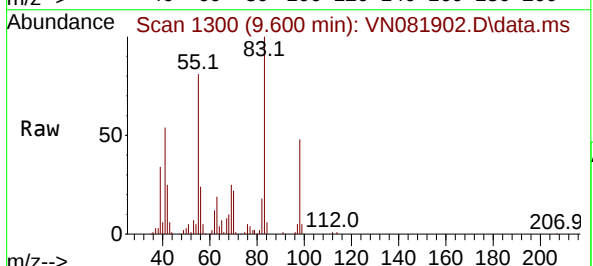
Tgt Ion: 83 Resp: 101382

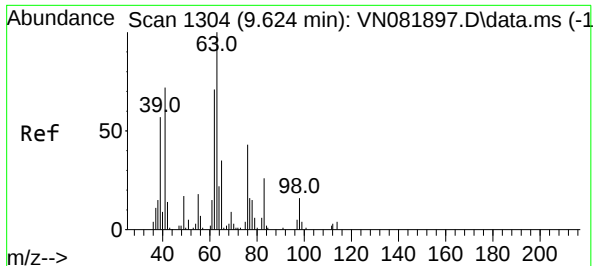
Ion Ratio Lower Upper

83 100

55 79.0 36.6 109.9

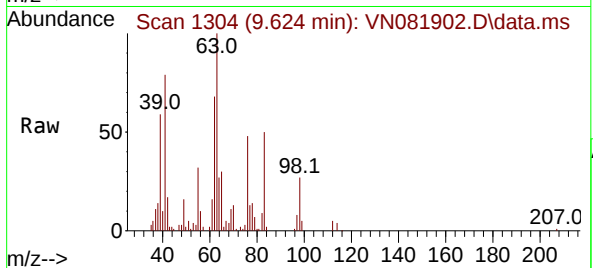
98 48.4 23.8 71.5





#39
1,2-Dichloropropane
Concen: 18.336 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

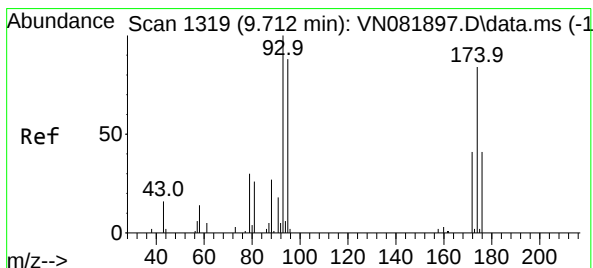
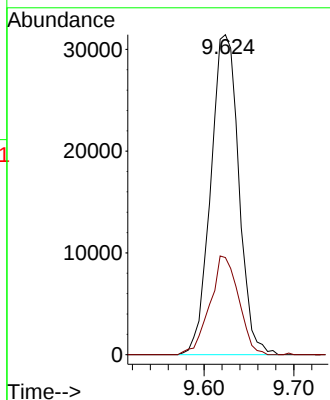
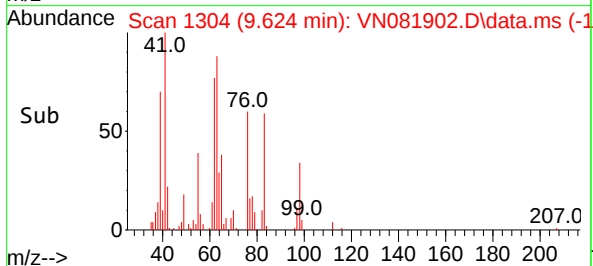
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 6828
Ion Ratio Lower Upper
63 100
65 30.4 25.0 37.4

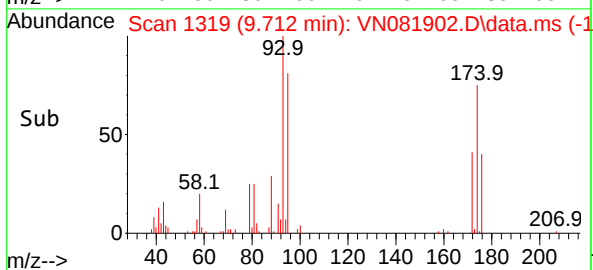
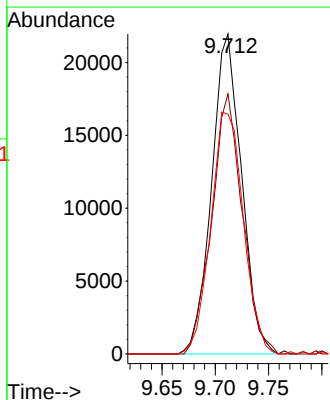
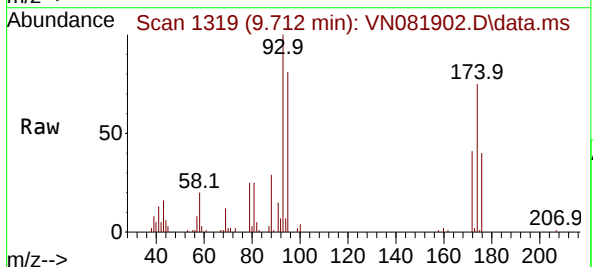
Manual Integrations
APPROVED

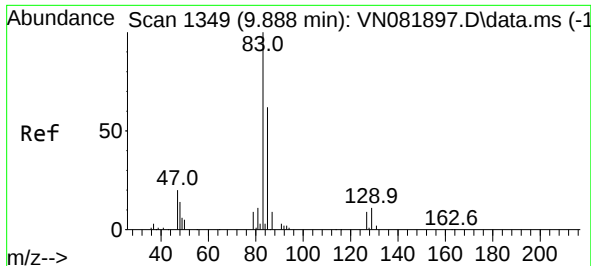
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#40
Dibromomethane
Concen: 17.923 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

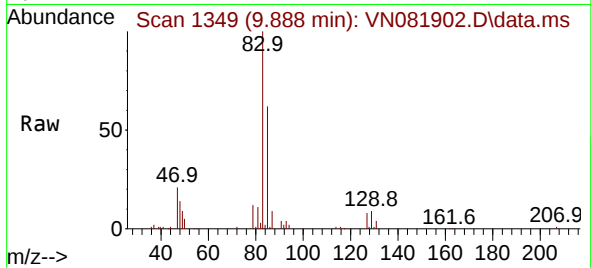
Tgt Ion: 93 Resp: 42879
Ion Ratio Lower Upper
93 100
95 83.0 0.0 164.6
174 82.3 0.0 193.2





#41
Bromodichloromethane
Concen: 17.488 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

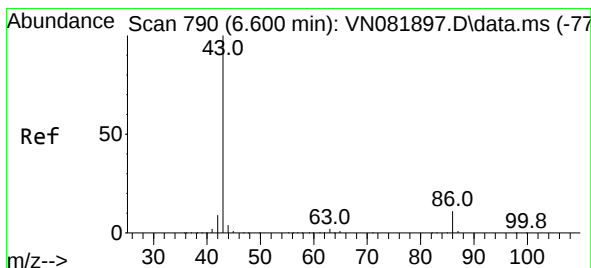
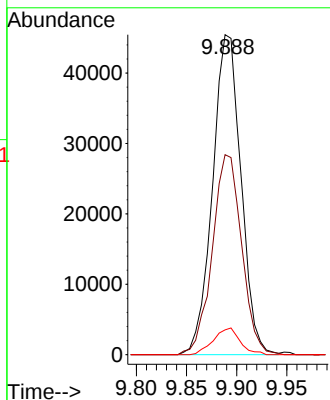
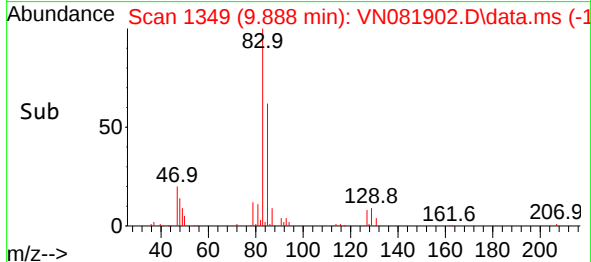
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



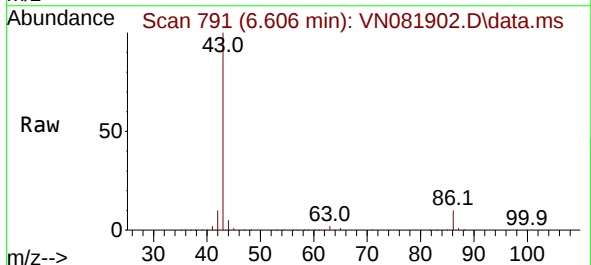
Tgt Ion: 83 Resp: 8942
Ion Ratio Lower Upper
83 100
85 62.5 49.4 74.2
127 7.8 7.3 10.9

Manual Integrations
APPROVED

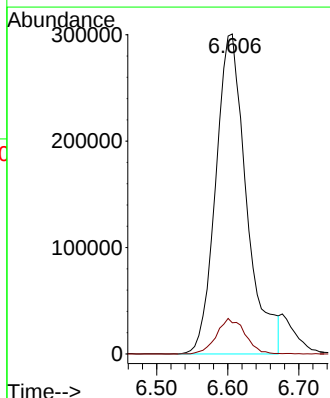
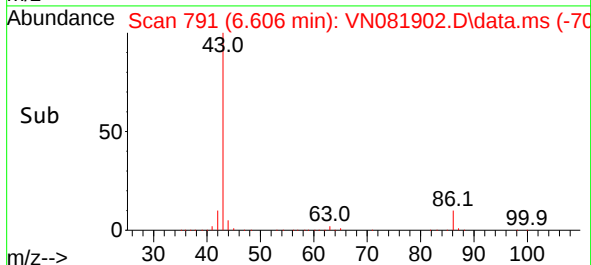
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

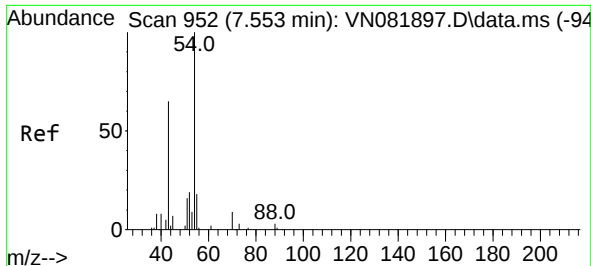


#42
Vinyl Acetate
Concen: 90.776 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



Tgt Ion: 43 Resp: 906055
Ion Ratio Lower Upper
43 100
86 10.2 9.4 14.2





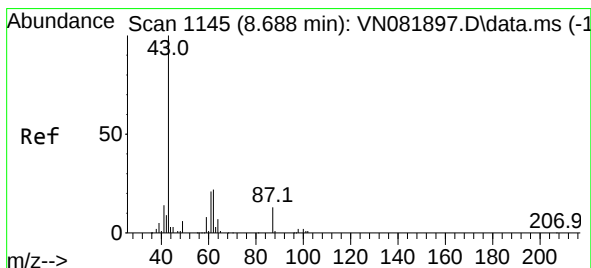
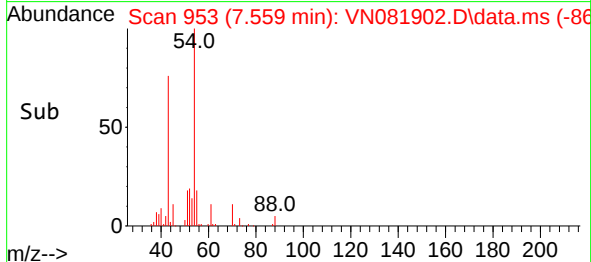
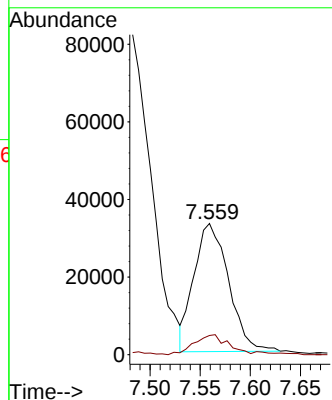
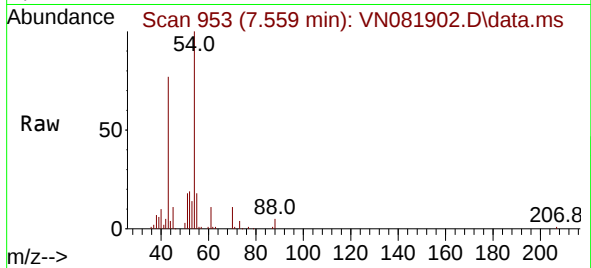
#43
Ethyl Acetate
Concen: 15.535 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 79428
Ion Ratio Lower Upper
43 100
45 15.1 10.6 15.8

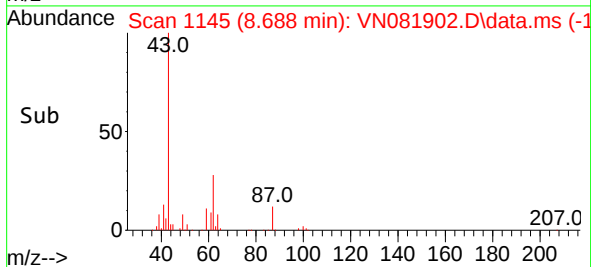
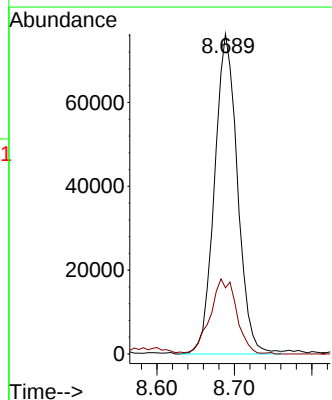
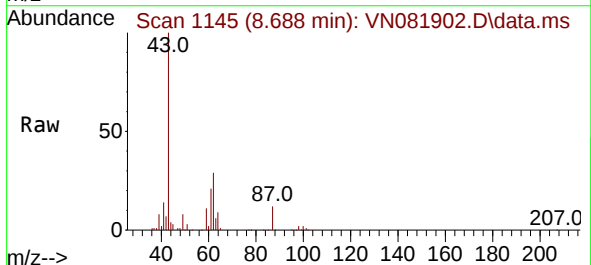
Manual Integrations
APPROVED

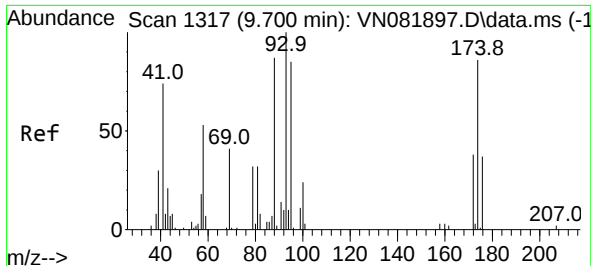
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#44
Isopropyl Acetate
Concen: 17.354 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

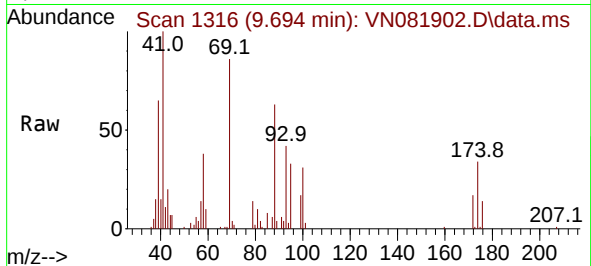
Tgt Ion: 43 Resp: 157522
Ion Ratio Lower Upper
43 100
61 26.8 25.0 37.4





#45
1,4-Dioxane
Concen: 369.664 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

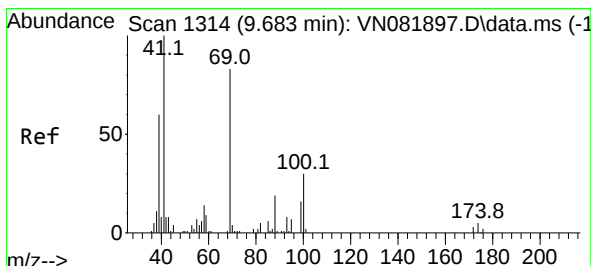
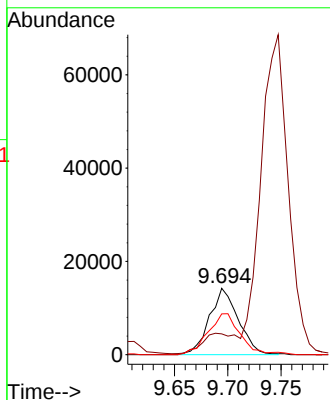
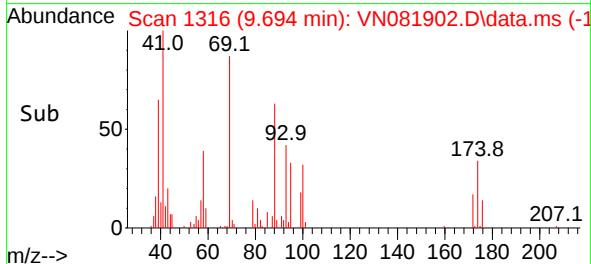
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC020



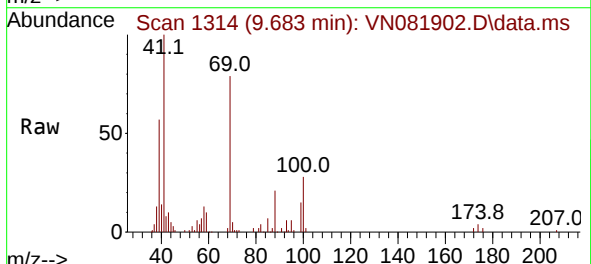
Tgt Ion: 88 Resp: 26910
Ion Ratio Lower Upper
88 100
43 37.6 19.8 29.6
58 67.2 55.4 83.0

Manual Integrations
APPROVED

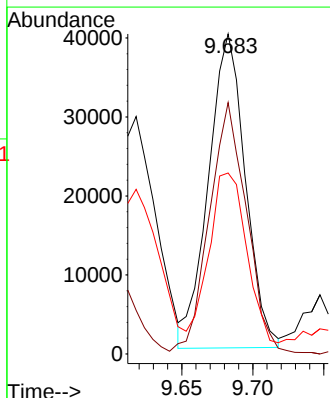
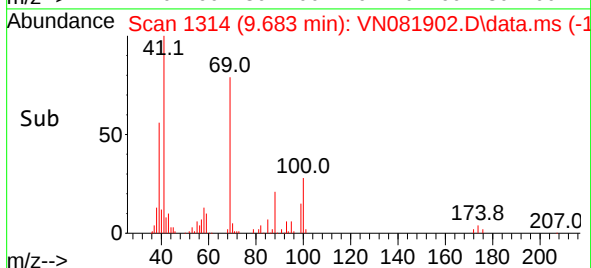
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

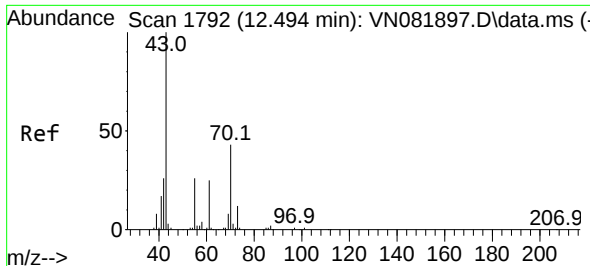


#46
Methyl methacrylate
Concen: 17.306 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



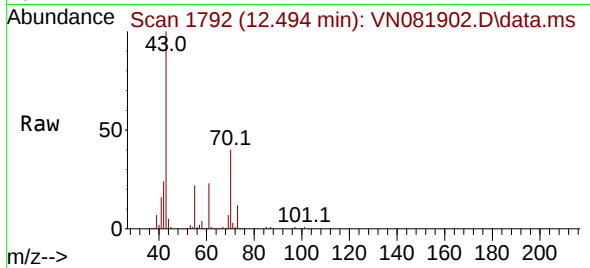
Tgt Ion: 41 Resp: 71768
Ion Ratio Lower Upper
41 100
69 80.6 51.1 153.3
39 55.7 25.8 77.3





#47
n-amy1 Acetate
Concen: 17.458 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

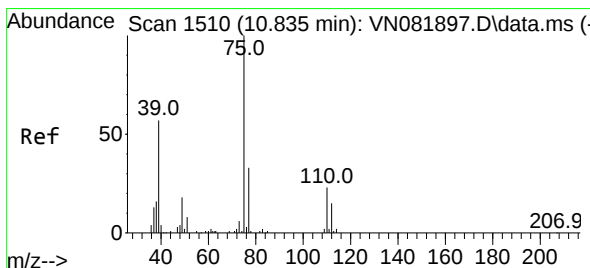
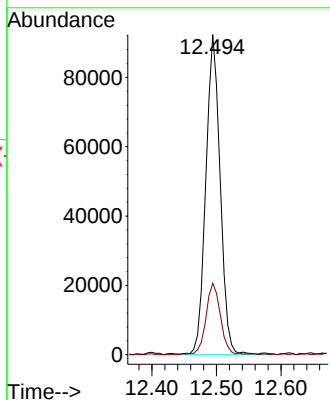
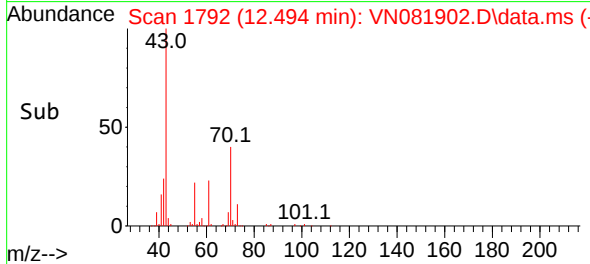
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 142929
Ion Ratio Lower Upper
43 100
55 0.1 23.4 35.2

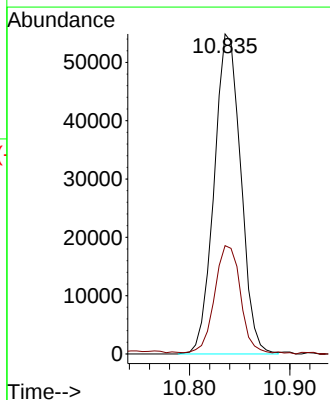
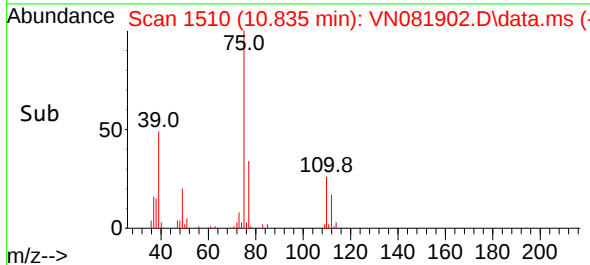
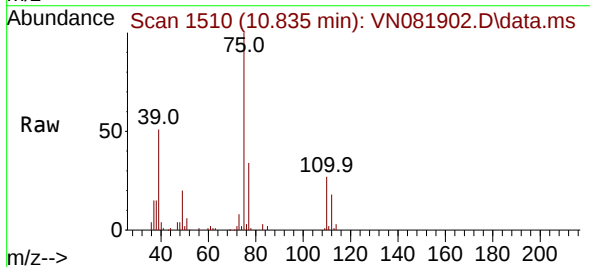
Manual Integrations
APPROVED

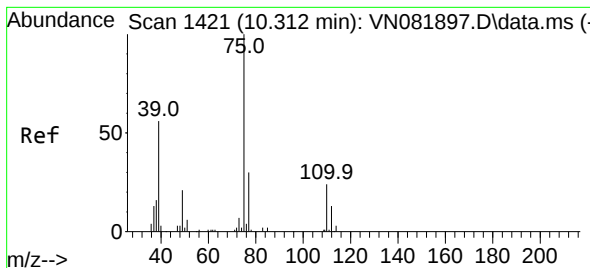
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#48
t-1,3-Dichloropropene
Concen: 18.264 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 75 Resp: 101274
Ion Ratio Lower Upper
75 100
77 33.4 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 18.408 ug/l

RT: 10.318 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN081902.D

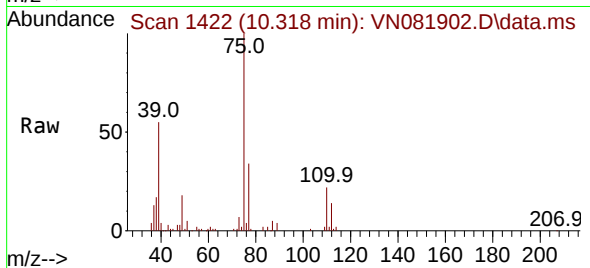
Acq: 29 Apr 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 107920

Ion Ratio Lower Upper

75 100

77 34.2 24.9 37.3

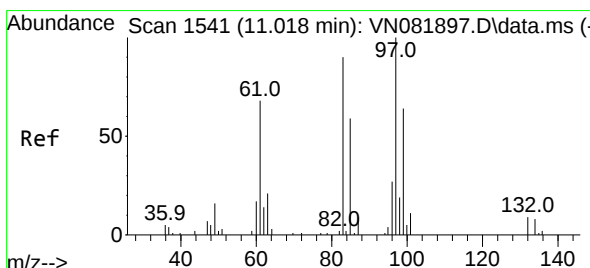
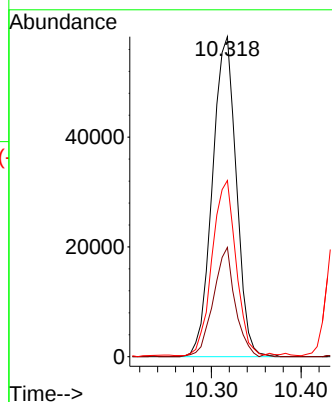
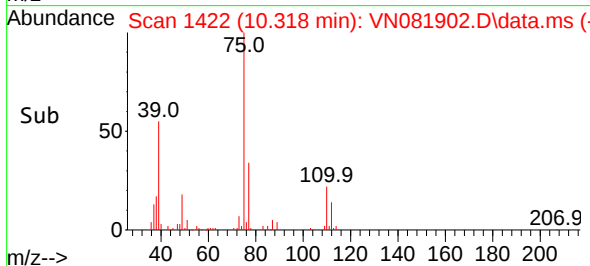
39 54.7 31.0 46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#50

1,1,2-Trichloroethane

Concen: 17.828 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

Tgt Ion: 97 Resp: 57865

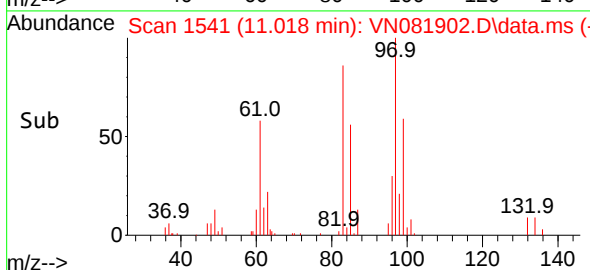
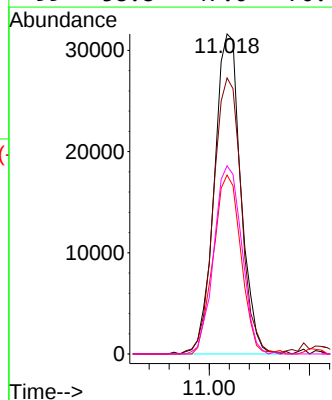
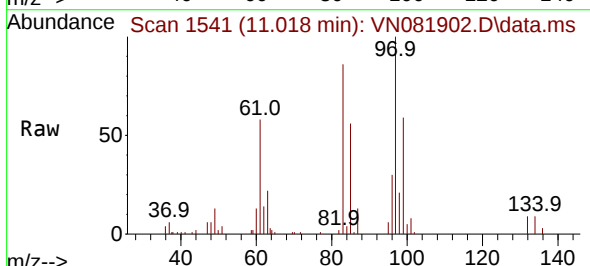
Ion Ratio Lower Upper

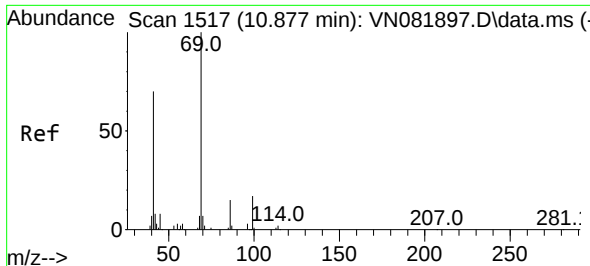
97 100

83 86.2 68.1 102.1

85 55.9 41.8 62.6

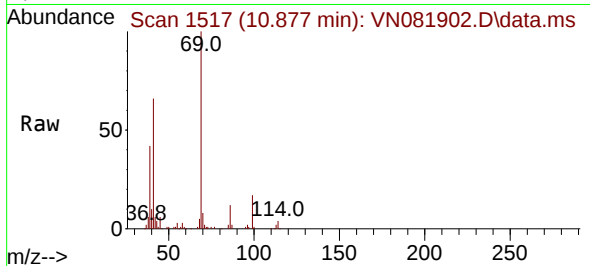
99 58.8 47.0 70.4





#51
Ethyl methacrylate
Concen: 18.120 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

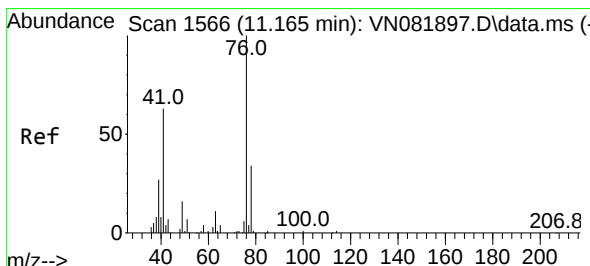
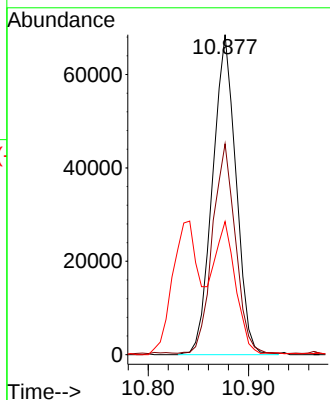
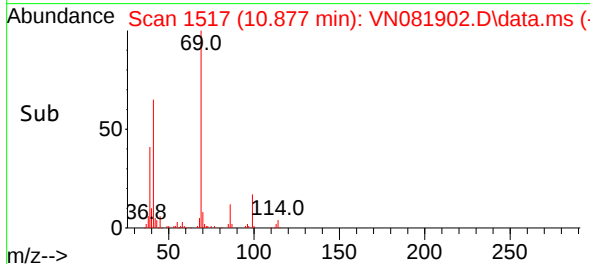
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 110997
Ion Ratio Lower Upper
69 100
41 65.4 25.5 76.5
39 41.0 16.0 47.9

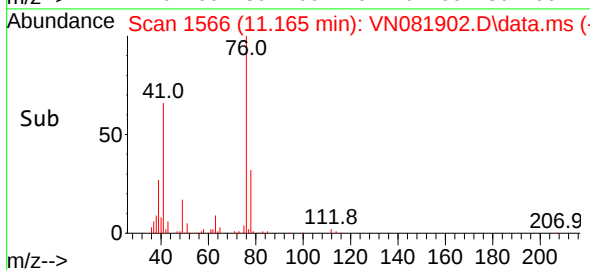
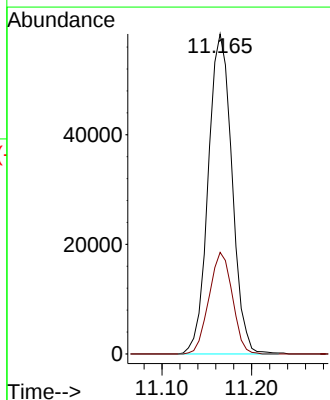
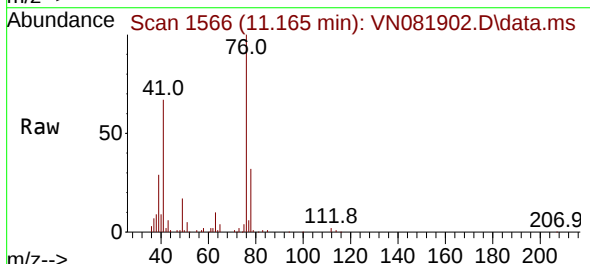
Manual Integrations
APPROVED

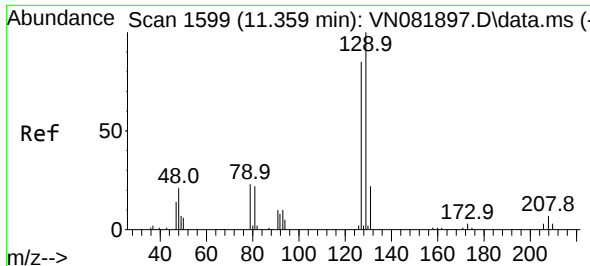
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#52
1,3-Dichloropropane
Concen: 18.009 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 76 Resp: 107387
Ion Ratio Lower Upper
76 100
78 31.1 0.0 65.8





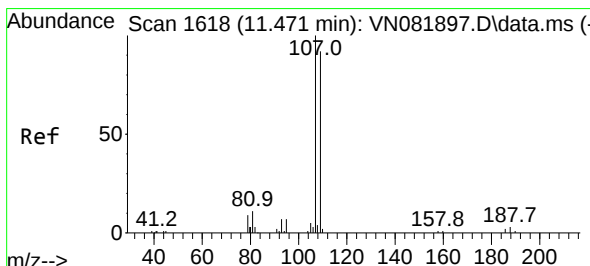
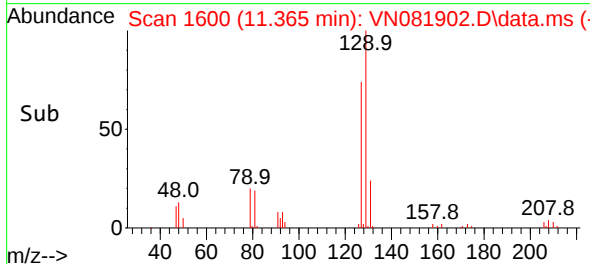
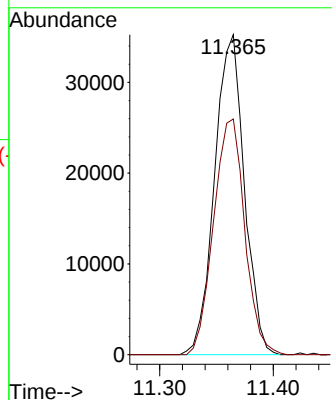
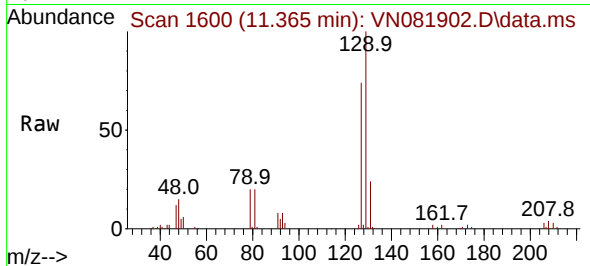
#53
Dibromochloromethane
Concen: 18.169 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 64159
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.1

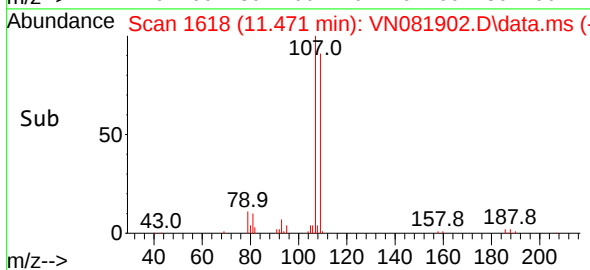
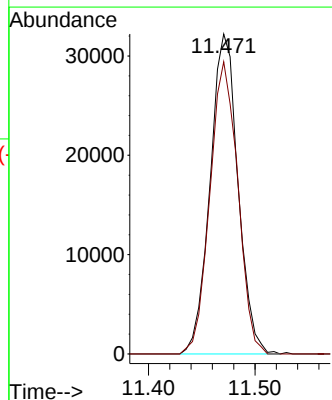
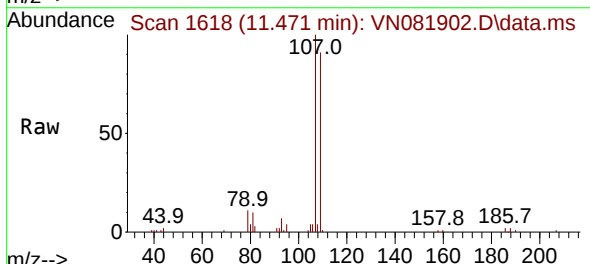
Manual Integrations
APPROVED

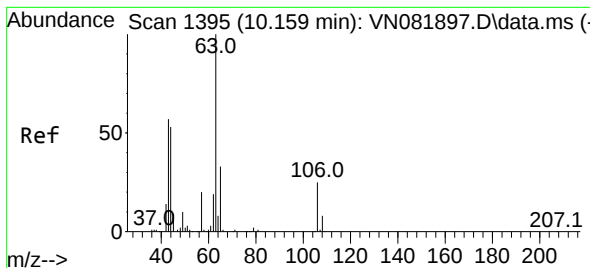
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#54
1,2-Dibromoethane
Concen: 18.107 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

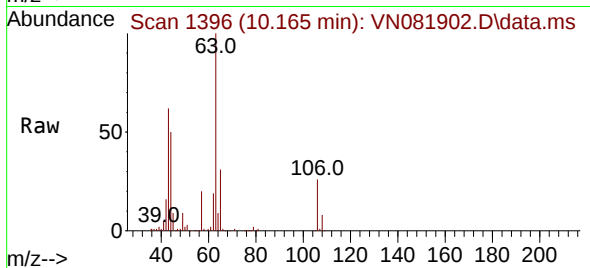
Tgt Ion:107 Resp: 58613
Ion Ratio Lower Upper
107 100
109 91.3 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 92.572 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

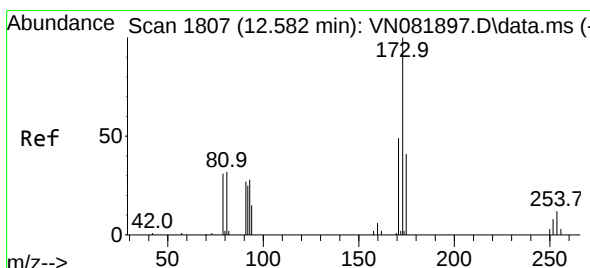
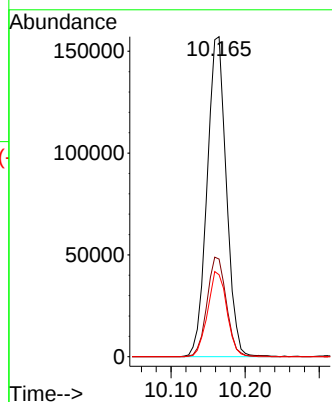
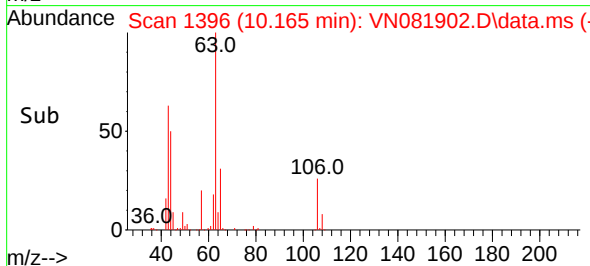
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 28356
Ion Ratio Lower Upper
63 100
65 31.2 26.2 39.2
106 26.5 23.8 35.8

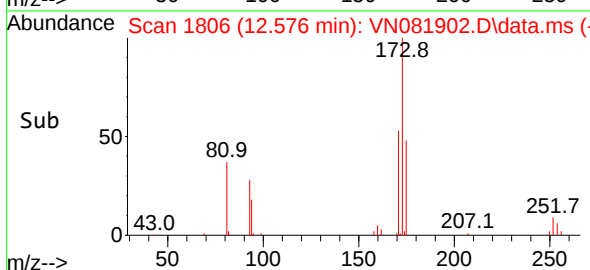
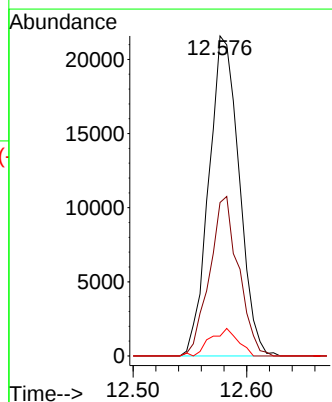
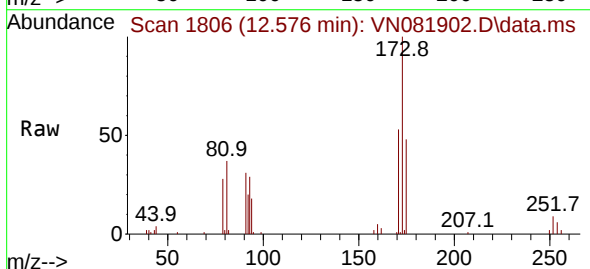
Manual Integrations
APPROVED

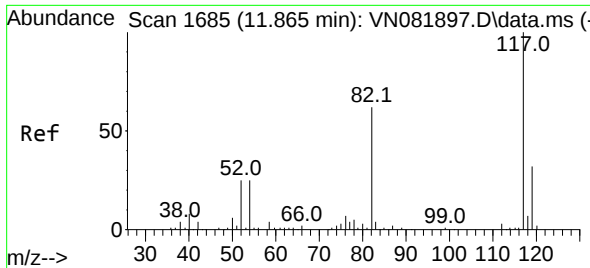
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#56
Bromoform
Concen: 18.609 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

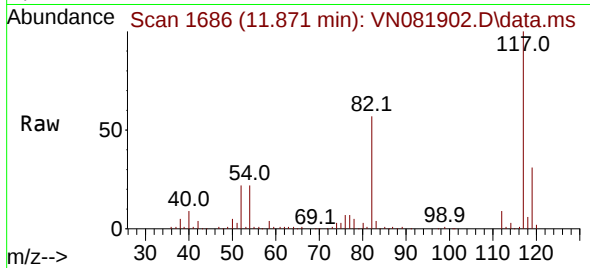
Tgt Ion:173 Resp: 39995
Ion Ratio Lower Upper
173 100
175 47.6 40.0 60.0
254 7.7 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

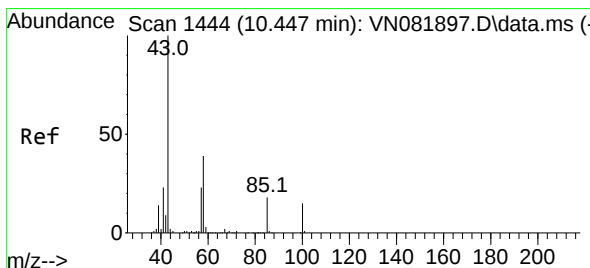
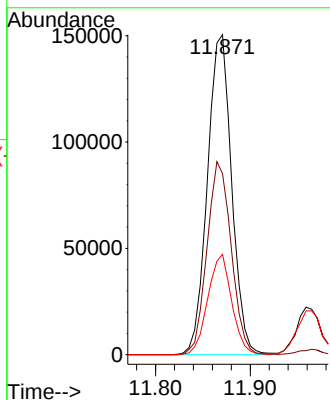
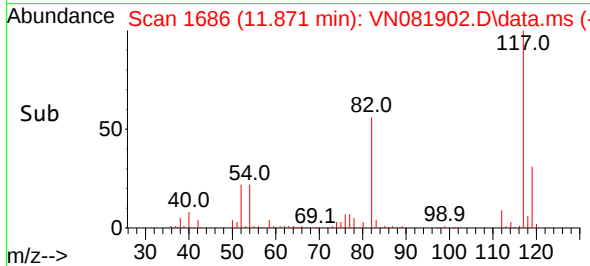
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 268762
Ion Ratio Lower Upper
117 100
82 60.2 46.6 69.8
119 30.8 25.4 38.2

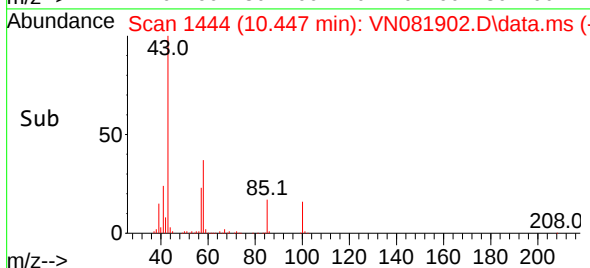
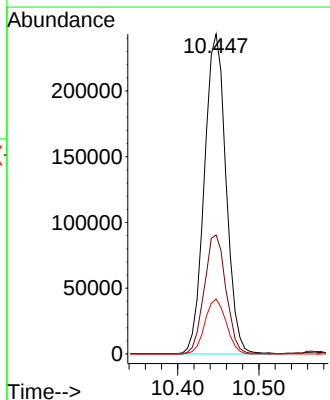
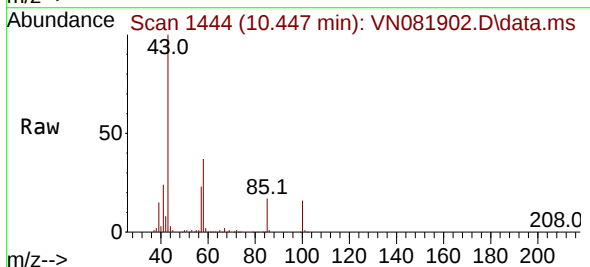
Manual Integrations
APPROVED

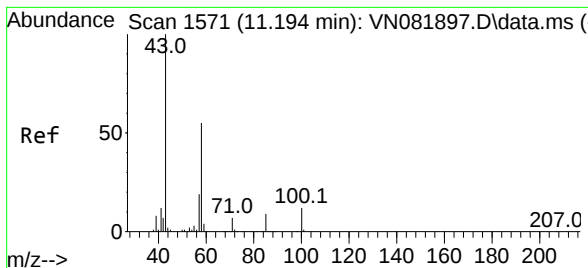
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#58
4-Methyl-2-Pentanone
Concen: 86.381 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

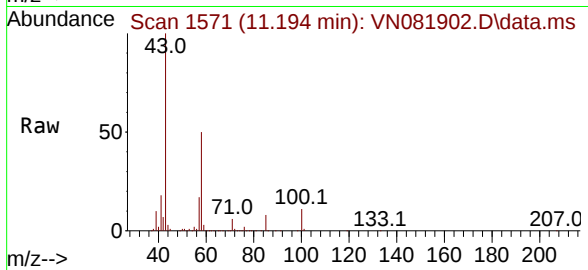
Tgt Ion: 43 Resp: 450781
Ion Ratio Lower Upper
43 100
58 37.4 36.5 54.7
85 16.9 19.5 29.3#





#59
2-Hexanone
Concen: 88.076 ug/l
RT: 11.194 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

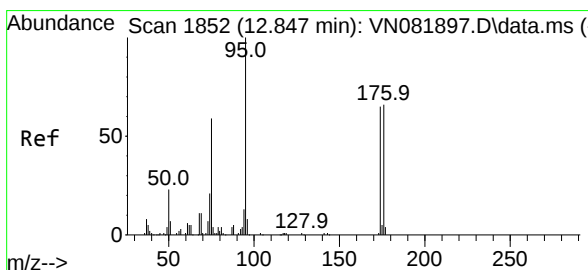
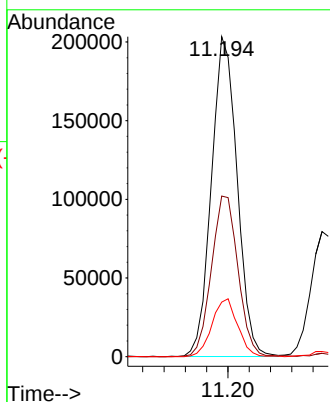
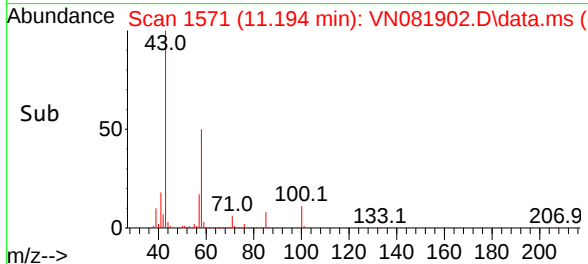
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 340790
Ion Ratio Lower Upper
43 100
58 51.9 50.4 75.6
57 18.0 18.6 27.8

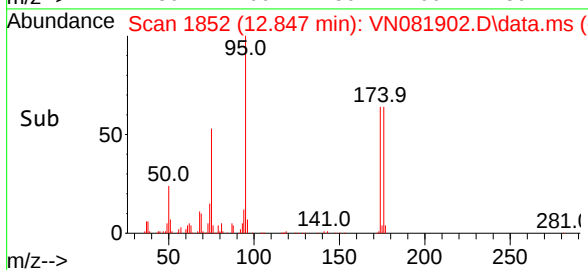
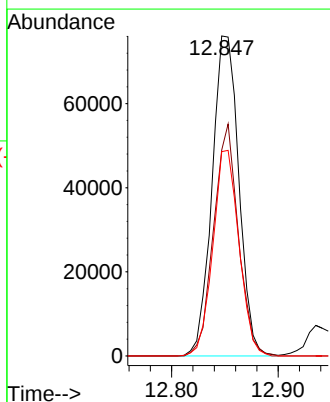
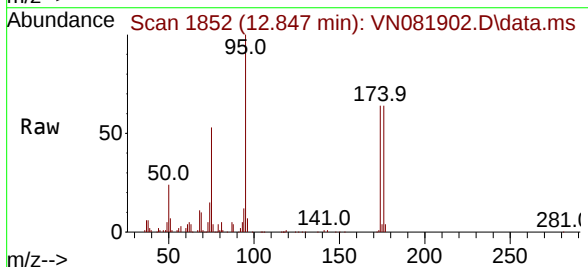
Manual Integrations
APPROVED

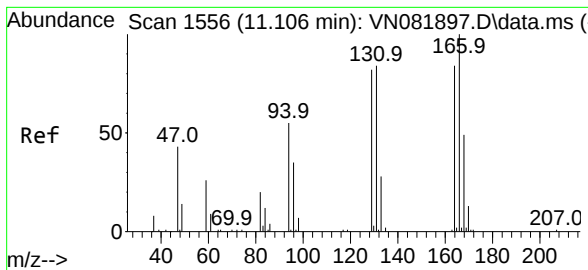
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#60
4-Bromofluorobenzene
Concen: 29.662 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

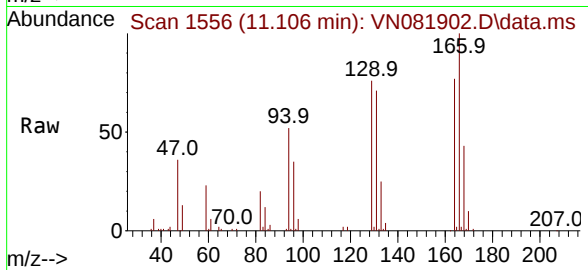
Tgt Ion: 95 Resp: 132673
Ion Ratio Lower Upper
95 100
174 66.9 60.5 90.7
176 62.6 57.8 86.6





#61
Tetrachloroethene
Concen: 18.806 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

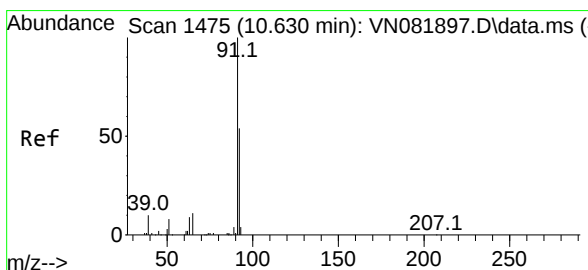
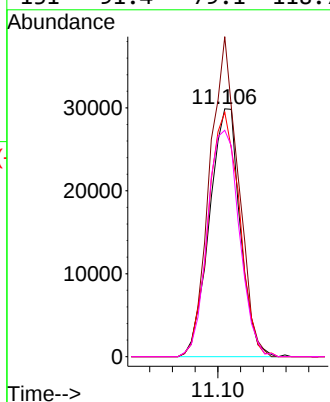
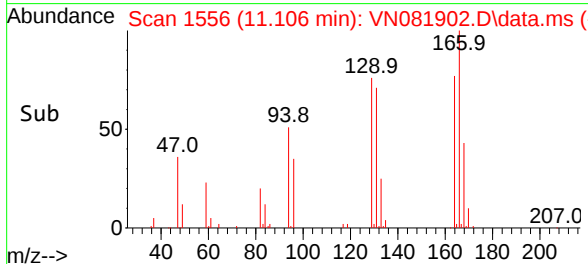
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 5608
Ion Ratio Lower Upper
164 100
166 129.1 106.7 160.1
129 98.7 85.8 128.6
131 91.4 79.1 118.7

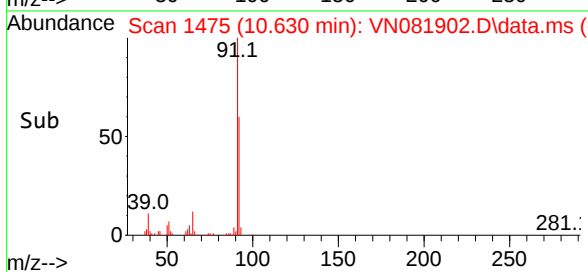
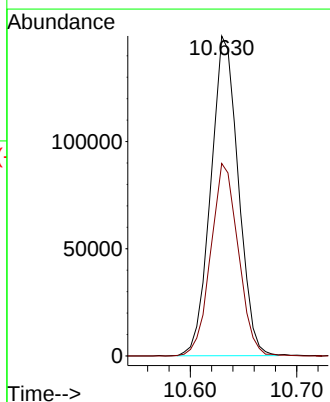
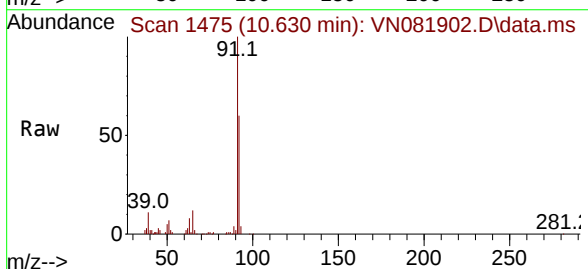
Manual Integrations
APPROVED

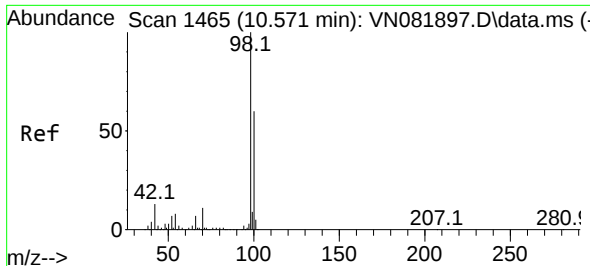
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#62
Toluene
Concen: 17.685 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

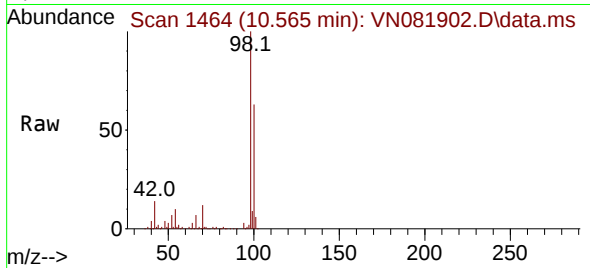
Tgt Ion: 91 Resp: 267436
Ion Ratio Lower Upper
91 100
92 60.4 46.5 69.7





#63
Toluene-d8
Concen: 29.660 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

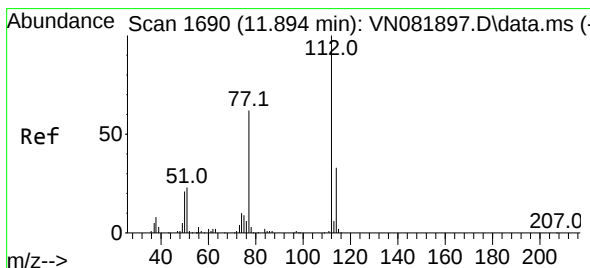
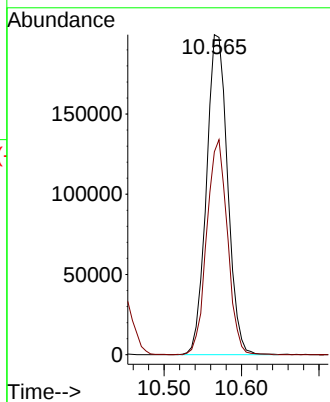
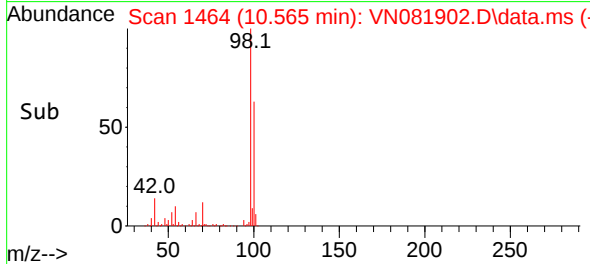
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



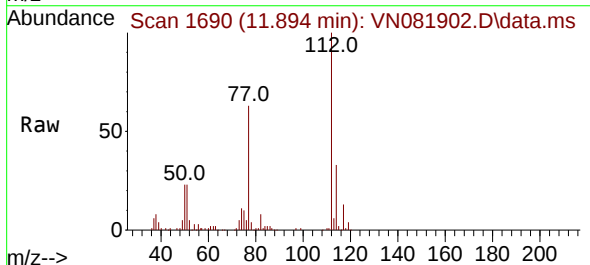
Tgt Ion: 98 Resp: 37856
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

Manual Integrations
APPROVED

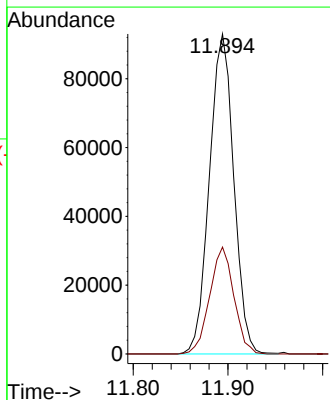
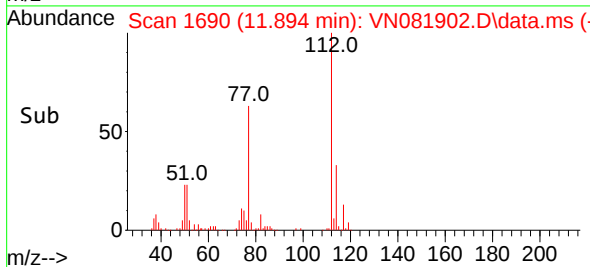
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

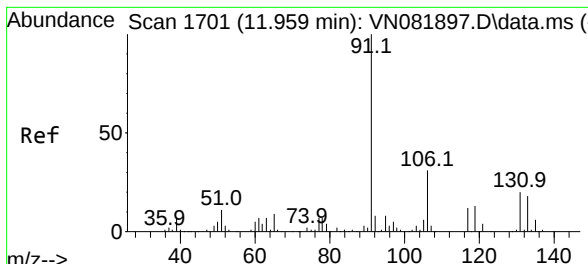


#64
Chlorobenzene
Concen: 17.972 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



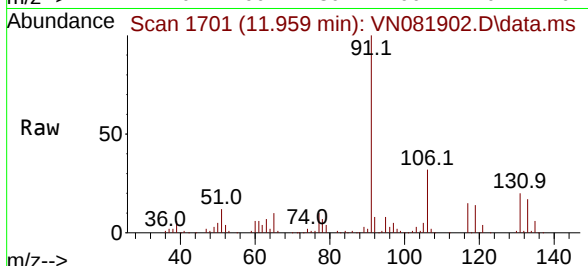
Tgt Ion:112 Resp: 166228
Ion Ratio Lower Upper
112 100
114 33.4 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 18.067 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

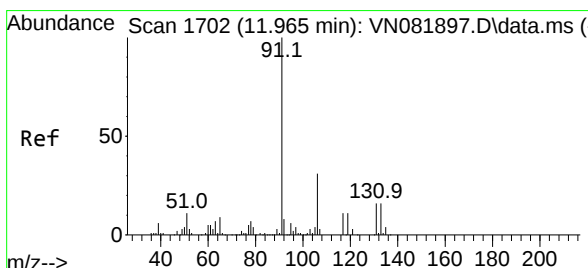
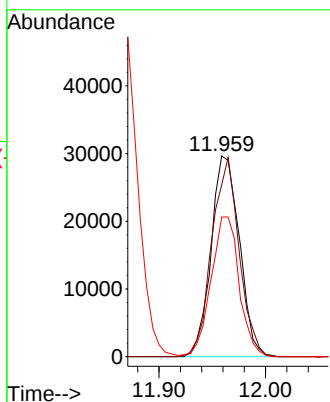
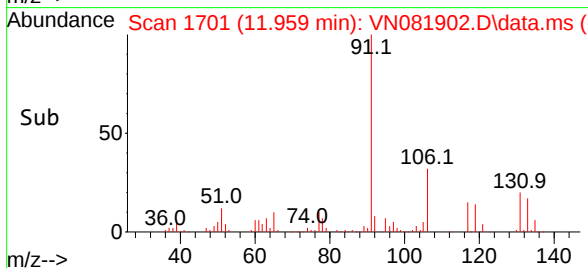
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 5469
Ion Ratio Lower Upper
131 100
133 95.5 0.0 188.0
119 69.2 0.0 122.8

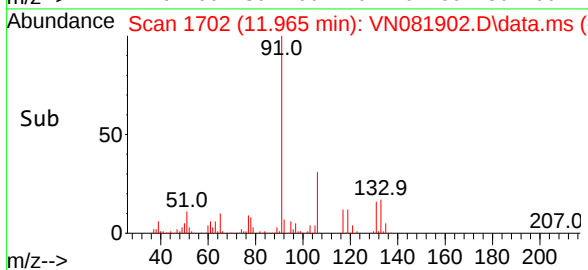
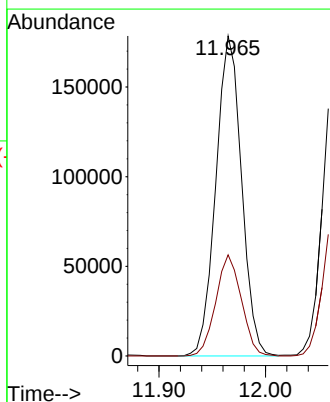
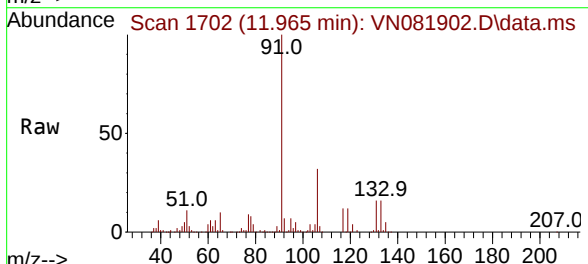
Manual Integrations
APPROVED

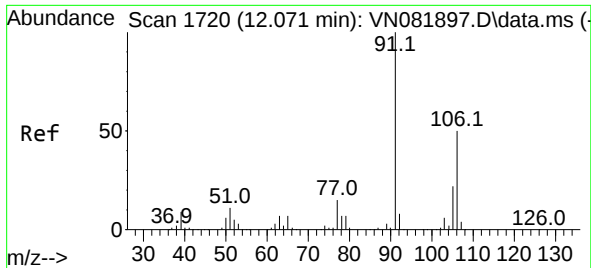
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#66
Ethyl Benzene
Concen: 18.010 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 91 Resp: 298526
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6





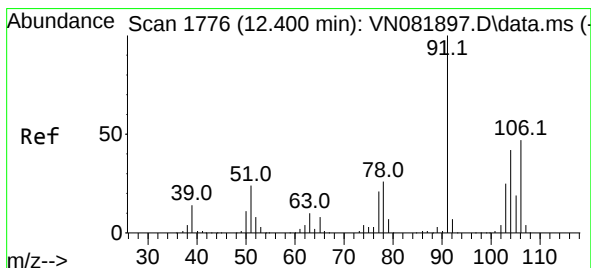
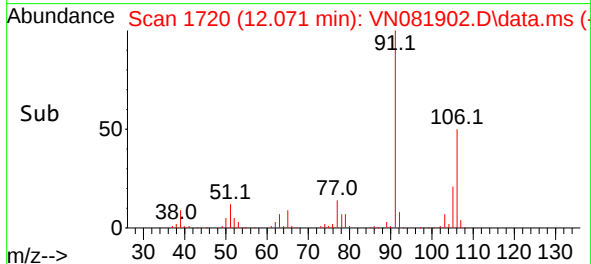
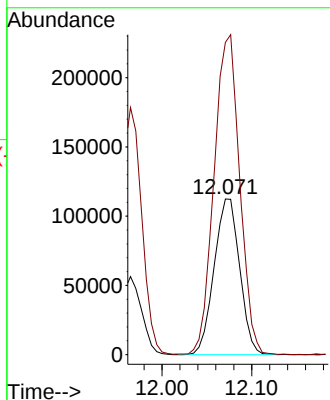
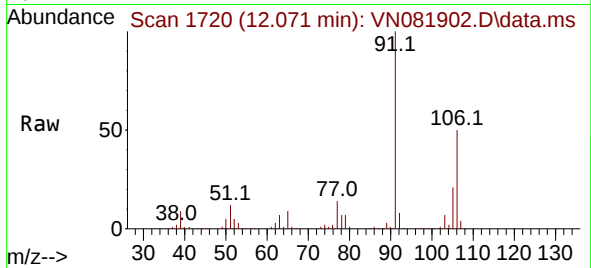
#67
m/p-Xylenes
Concen: 36.118 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 22197
Ion Ratio Lower Upper
106 100
91 205.9 166.6 249.8

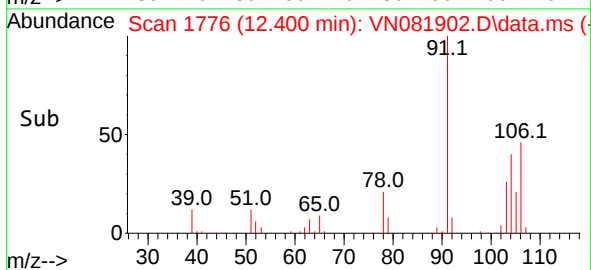
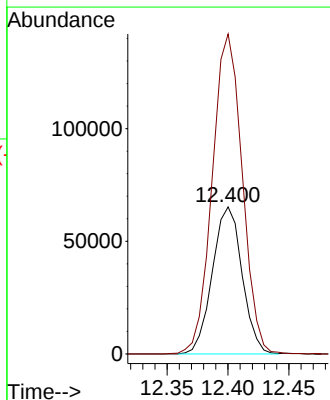
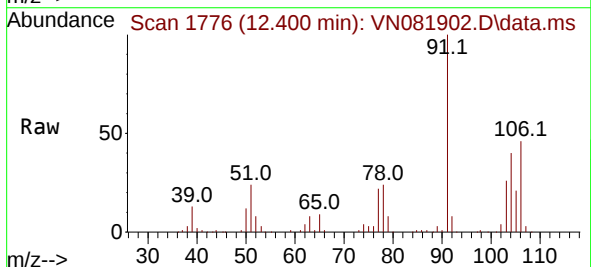
Manual Integrations
APPROVED

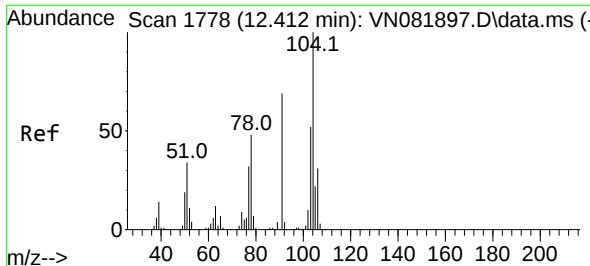
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#68
o-Xylene
Concen: 18.220 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

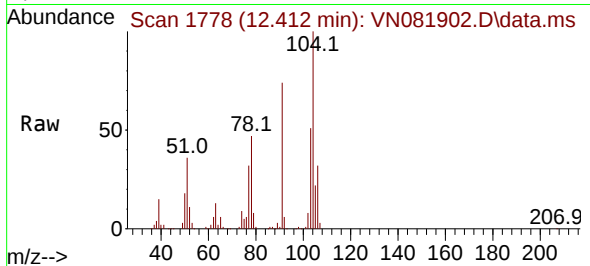
Tgt Ion:106 Resp: 110788
Ion Ratio Lower Upper
106 100
91 219.5 110.0 330.0





#69
Styrene
Concen: 18.114 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

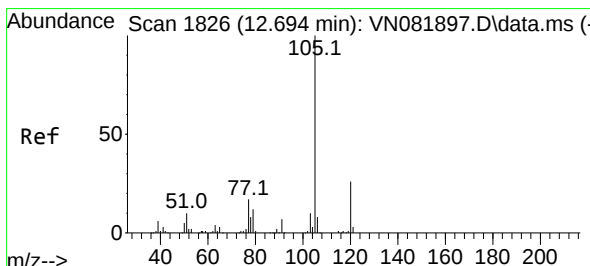
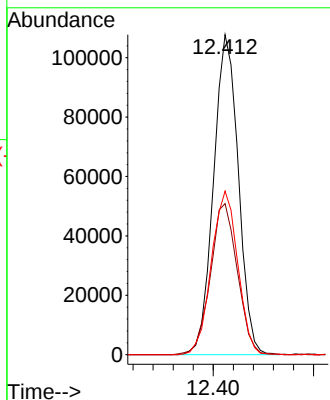
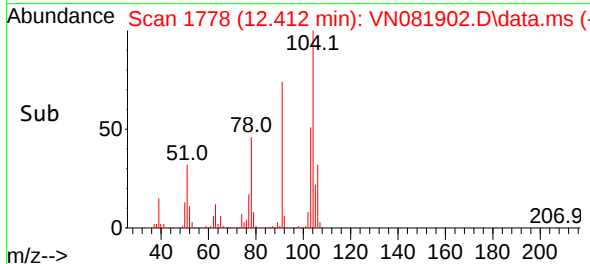
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:104 Resp: 184892
Ion Ratio Lower Upper
104 100
78 51.3 42.6 64.0
103 54.3 43.7 65.5

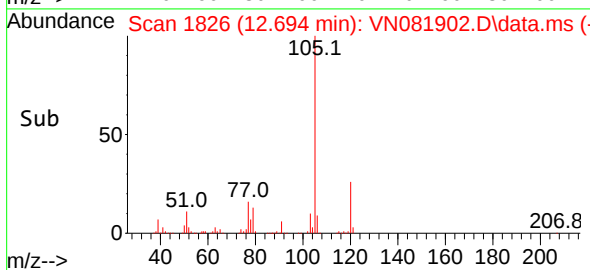
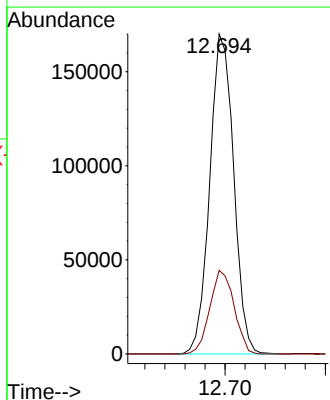
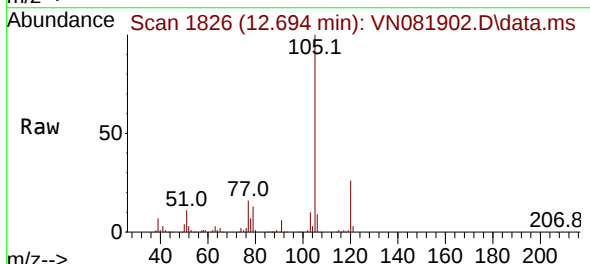
Manual Integrations
APPROVED

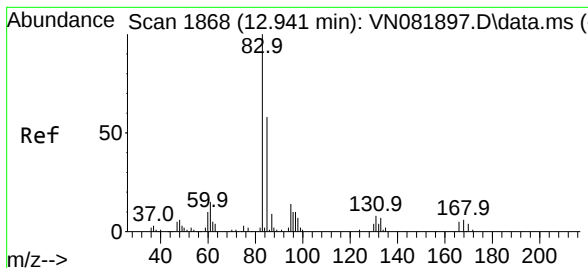
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#70
Isopropylbenzene
Concen: 18.234 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion:105 Resp: 281581
Ion Ratio Lower Upper
105 100
120 26.5 17.8 33.1





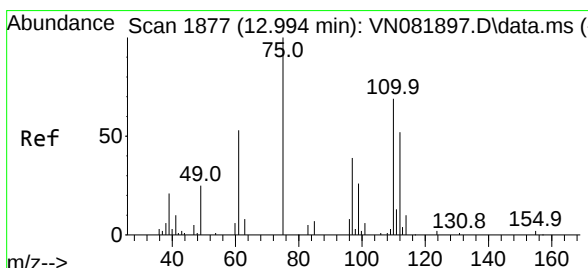
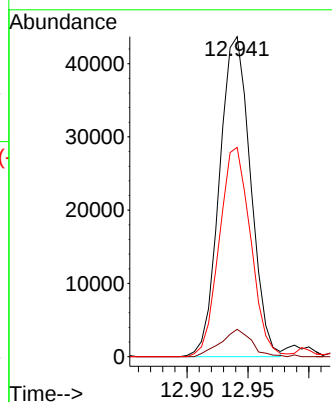
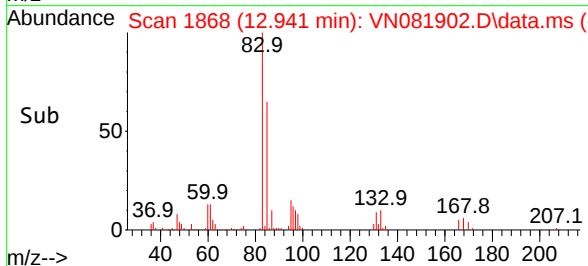
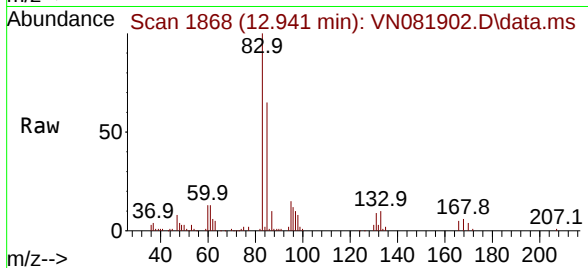
#71
1,1,2,2-Tetrachloroethane
Concen: 17.504 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 77780
Ion Ratio Lower Upper
83 100
131 8.4 5.2 15.6
85 65.9 32.3 96.8

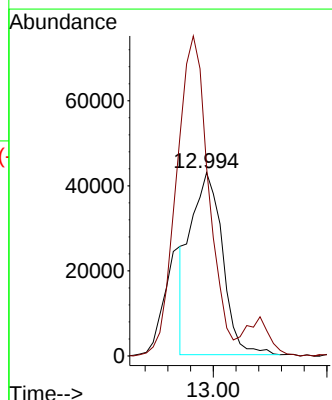
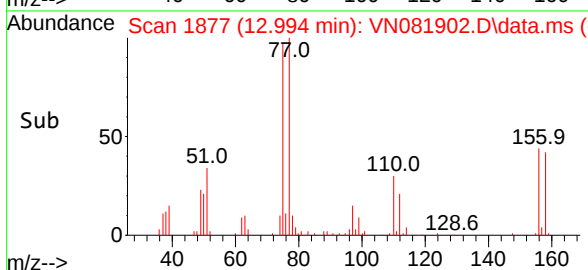
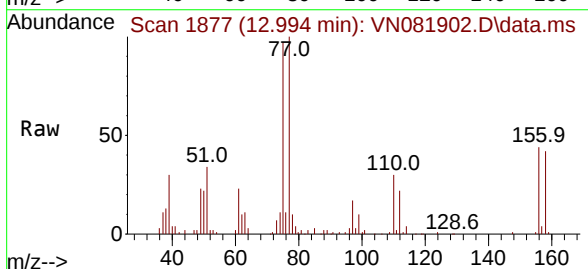
Manual Integrations
APPROVED

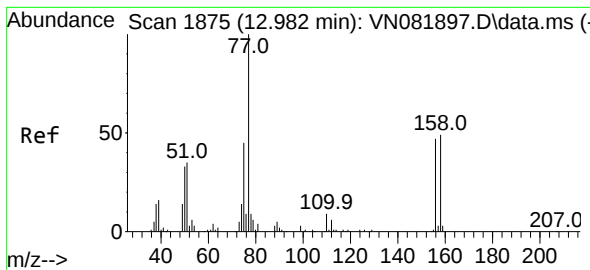
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#72
1,2,3-Trichloropropane
Concen: 20.126 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 75 Resp: 83619
Ion Ratio Lower Upper
75 100
77 177.3 0.0 367.6





#73

Bromobenzene

Concen: 18.198 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

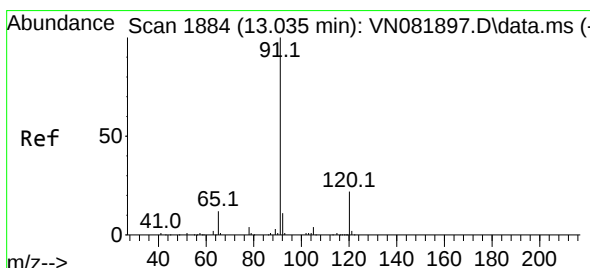
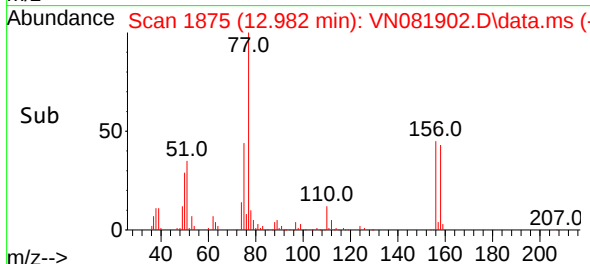
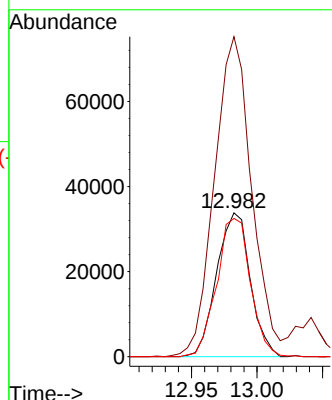
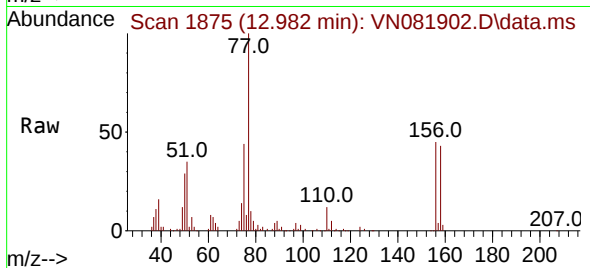
Tgt Ion:	156	Resp:	60150
Ion Ratio	Lower	Upper	
156	100		
77	246.4	0.0	437.6
158	96.6	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#74

n-propylbenzene

Concen: 18.399 ug/l

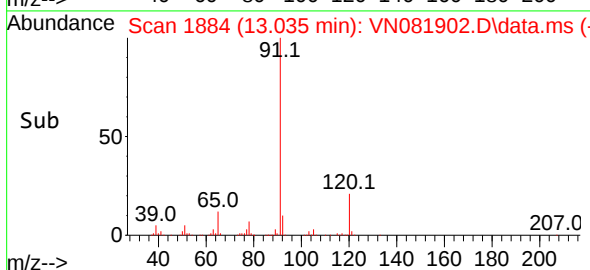
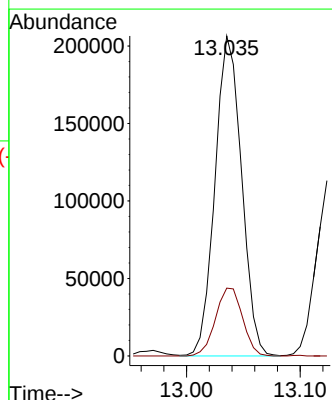
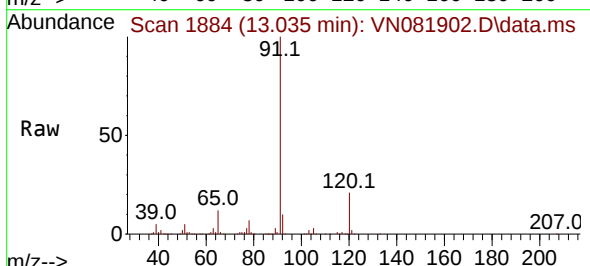
RT: 13.035 min Scan# 1884

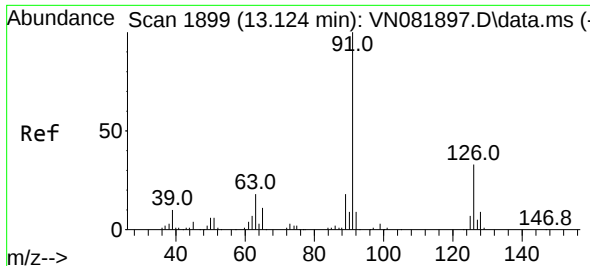
Delta R.T. 0.000 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

Tgt Ion:	91	Resp:	335214
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	43.8





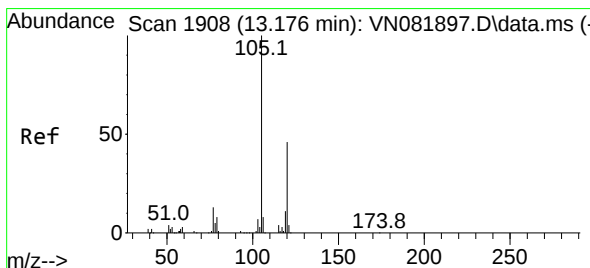
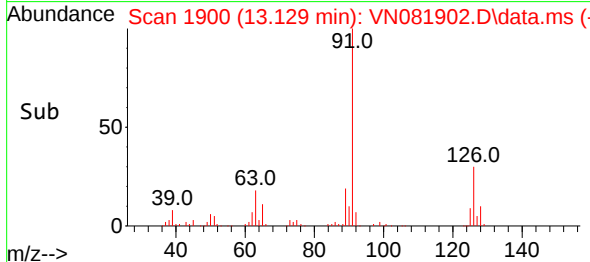
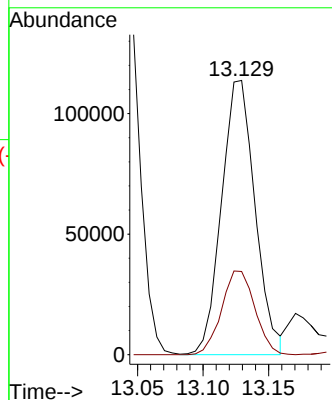
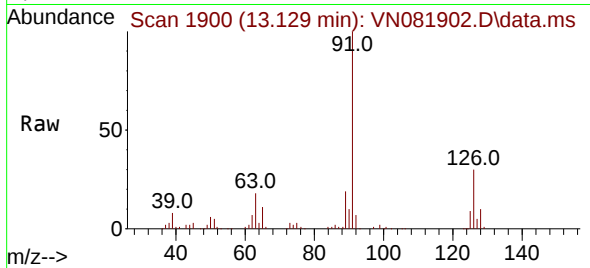
#75
2-Chlorotoluene
Concen: 17.981 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 20266
Ion Ratio Lower Upper
91 100
126 30.2 0.0 61.2

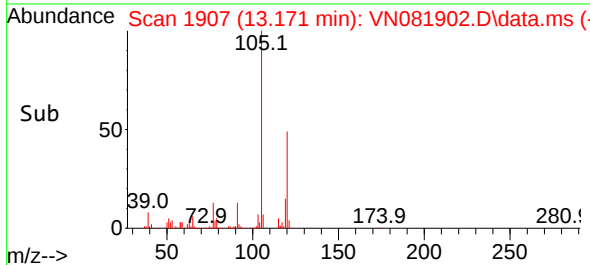
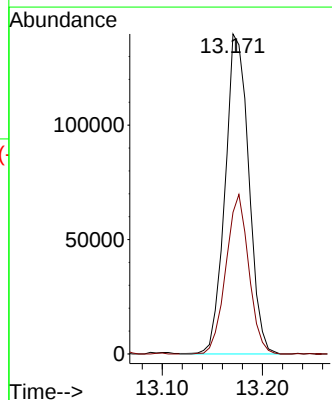
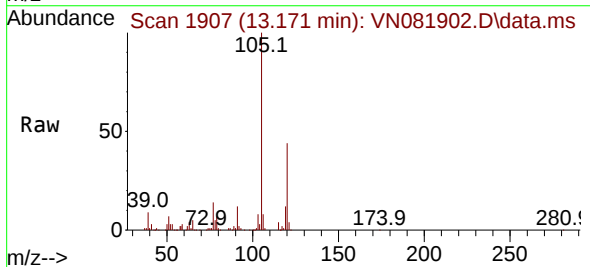
Manual Integrations
APPROVED

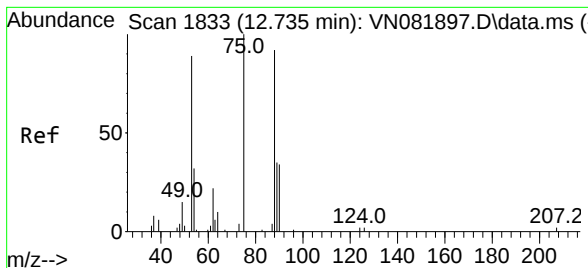
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.342 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion:105 Resp: 229273
Ion Ratio Lower Upper
105 100
120 48.2 0.0 95.8





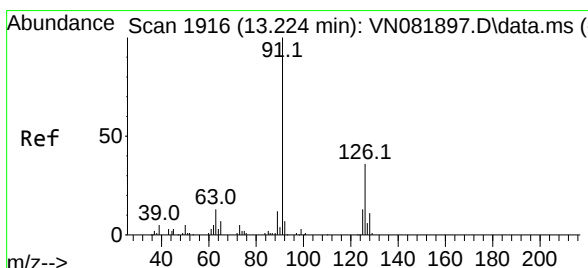
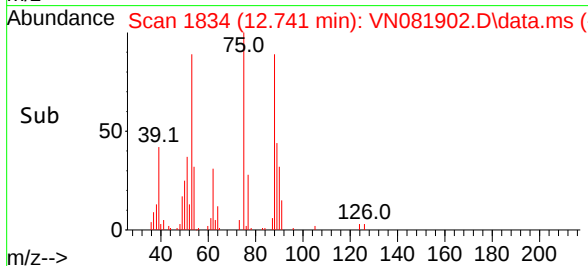
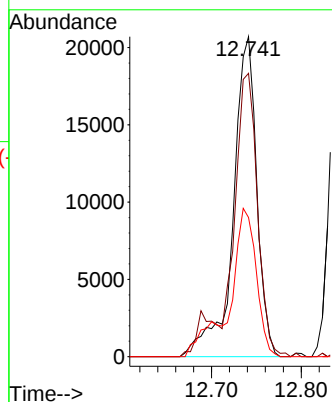
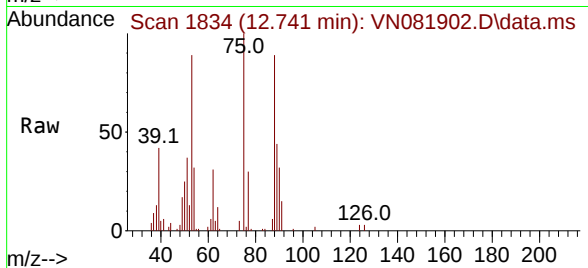
#77
t-1,4-Dichloro-2-butene
Concen: 20.531 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 3796
Ion Ratio Lower Upper
75 100
53 88.6 45.9 137.7
89 43.5 25.9 77.7

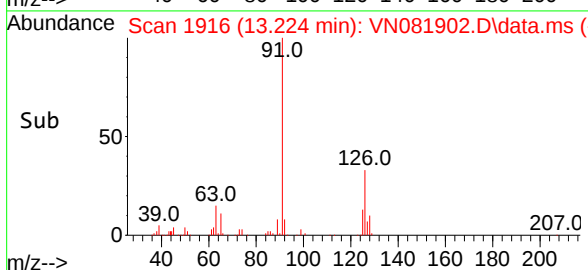
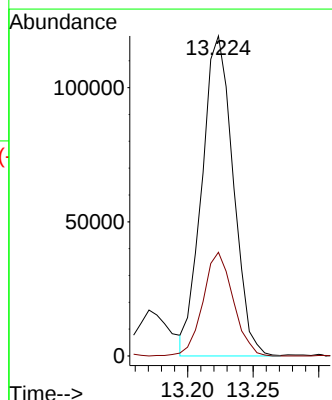
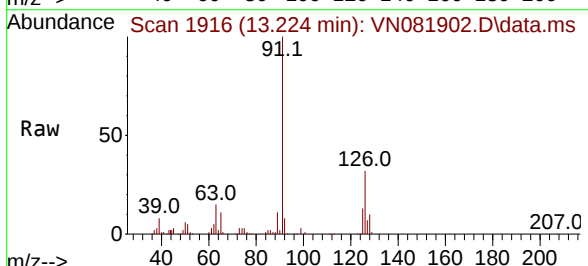
Manual Integrations
APPROVED

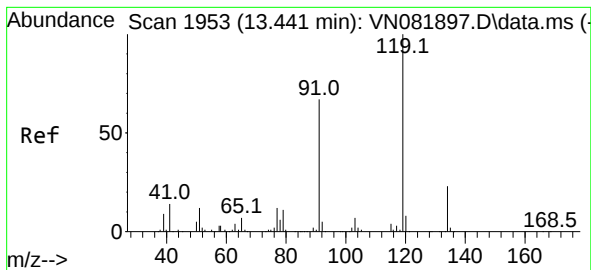
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#78
4-Chlorotoluene
Concen: 17.939 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion: 91 Resp: 198078
Ion Ratio Lower Upper
91 100
126 31.3 0.0 62.8





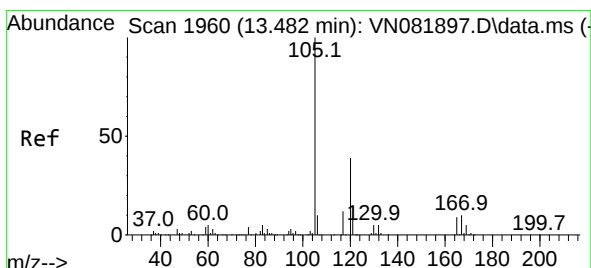
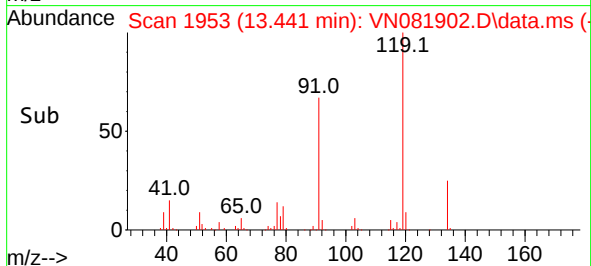
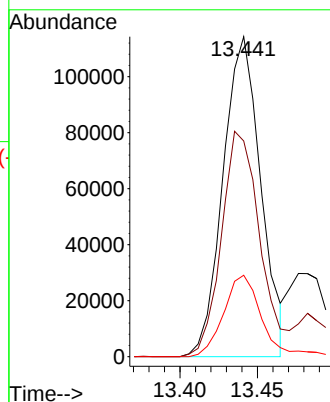
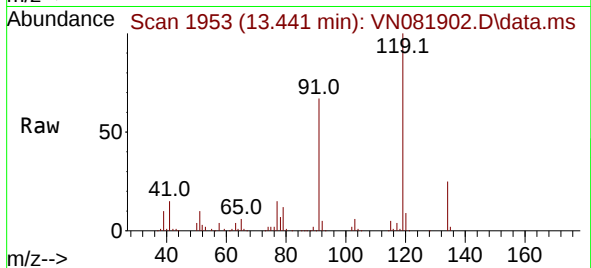
#79
tert-butylbenzene
Concen: 18.000 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 193720
Ion Ratio Lower Upper
119 100
91 72.0 0.0 138.8
134 24.5 0.0 48.6

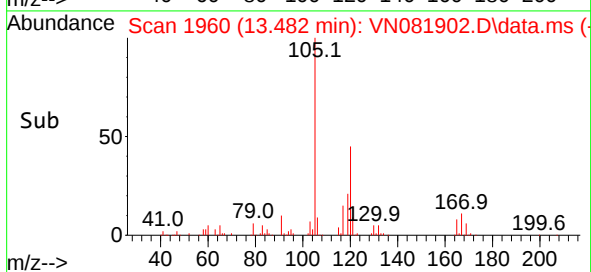
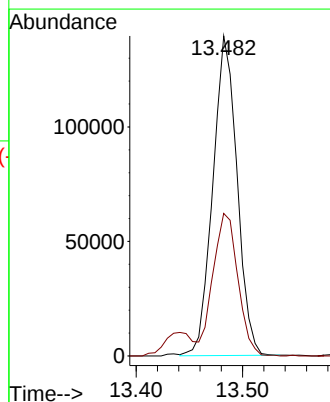
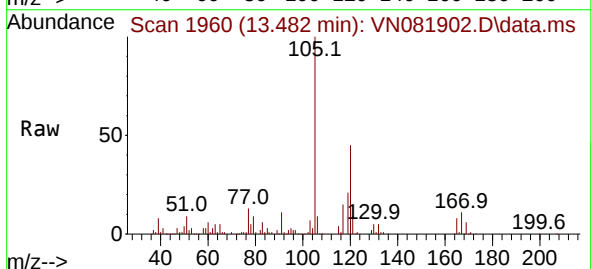
Manual Integrations
APPROVED

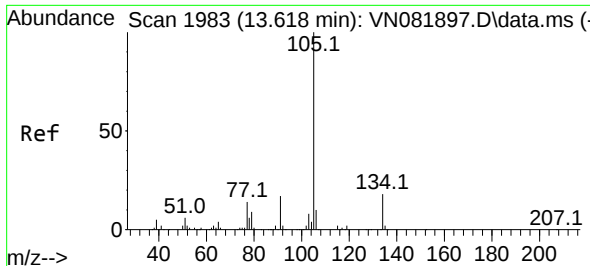
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#80
1,2,4-Trimethylbenzene
Concen: 17.531 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

Tgt Ion:105 Resp: 220111
Ion Ratio Lower Upper
105 100
120 45.6 0.0 86.8





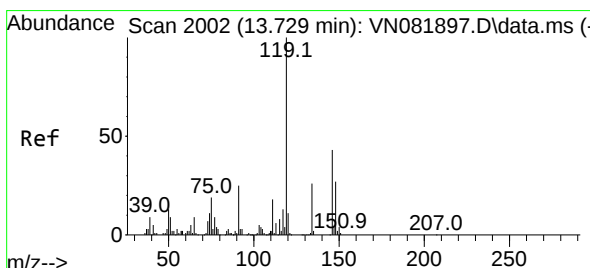
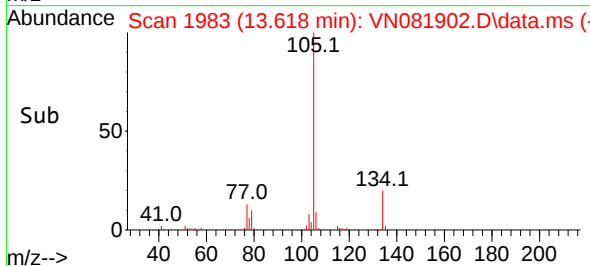
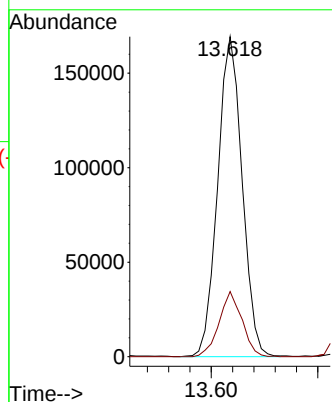
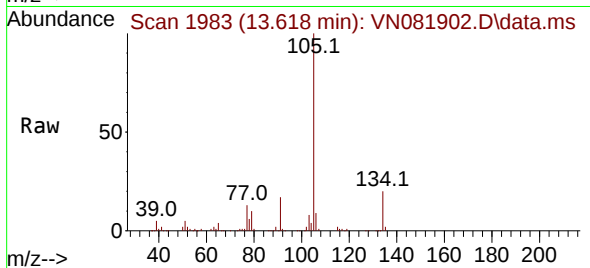
#81
 sec-Butylbenzene
 Concen: 17.891 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081902.D
 Acq: 29 Apr 2024 09:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 26990
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.0

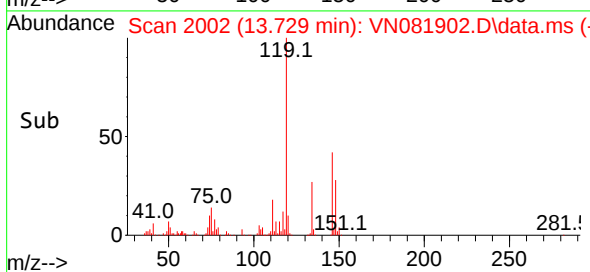
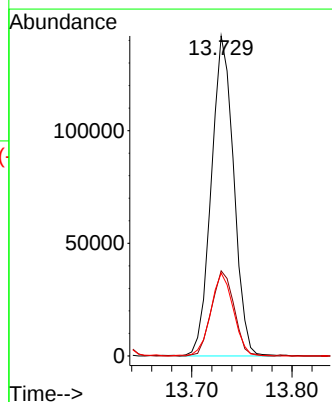
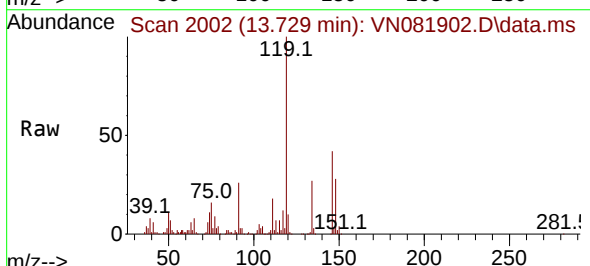
Manual Integrations
 APPROVED

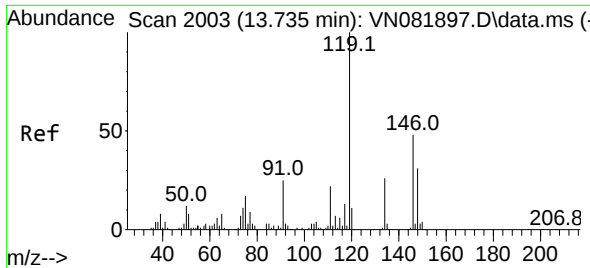
Reviewed By :John Carlone 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#82
 p-Isopropyltoluene
 Concen: 18.534 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081902.D
 Acq: 29 Apr 2024 09:30

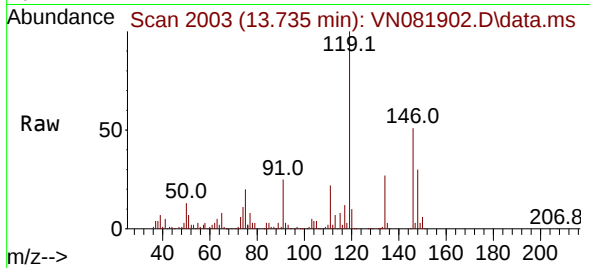
Tgt Ion:119 Resp: 221100
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 49.2
 91 26.2 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 18.535 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

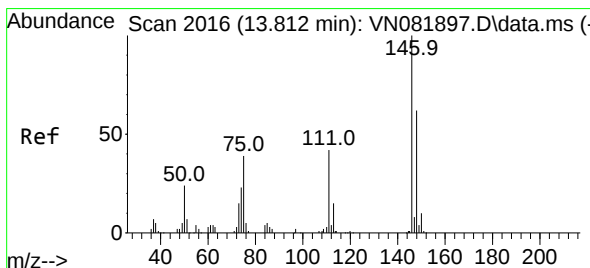
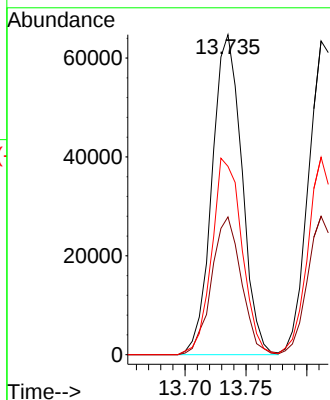
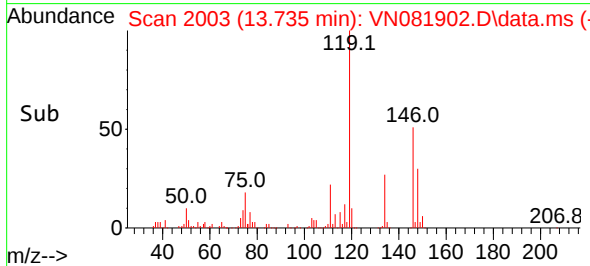
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



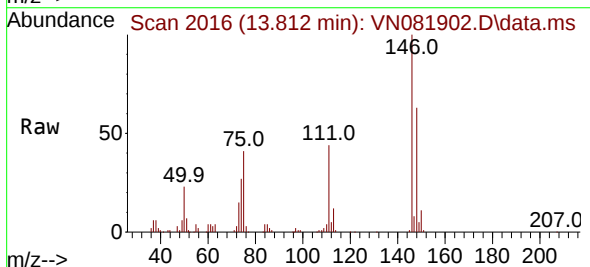
Tgt Ion:146 Resp: 110328
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 62.0 32.1 96.5

Manual Integrations
APPROVED

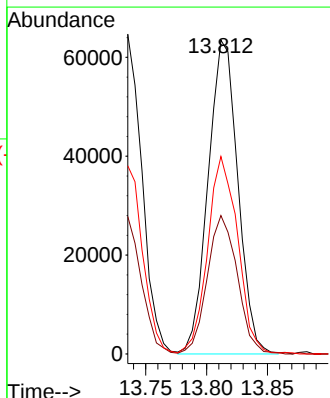
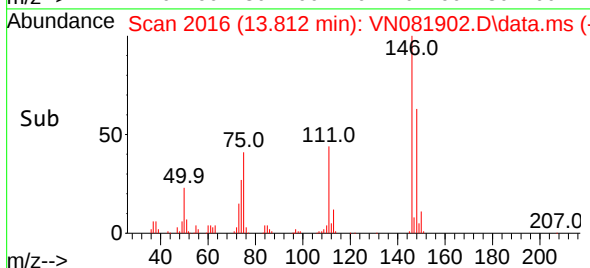
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

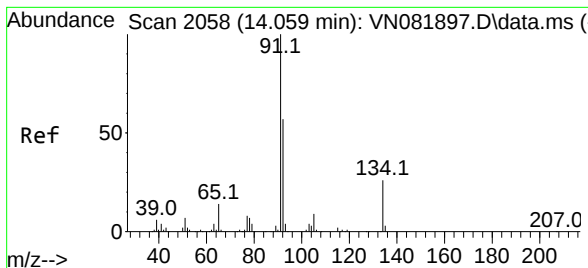


#84
1,4-Dichlorobenzene
Concen: 18.049 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



Tgt Ion:146 Resp: 107981
Ion Ratio Lower Upper
146 100
111 43.8 21.3 63.9
148 63.5 31.9 95.5





#85

n-Butylbenzene

Concen: 18.517 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

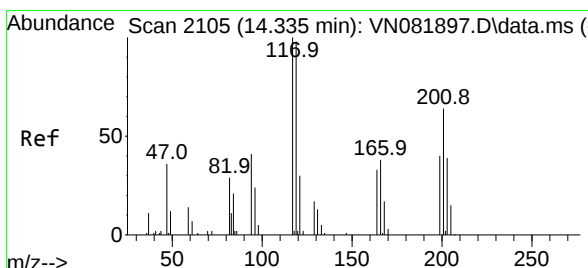
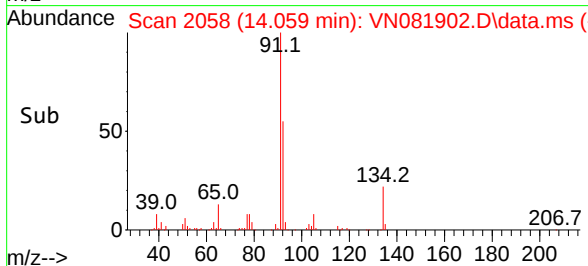
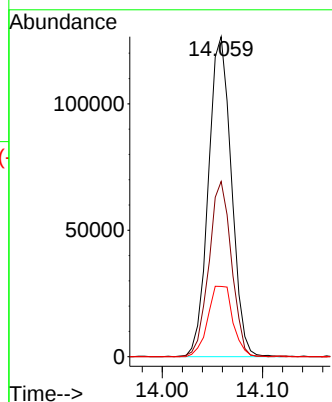
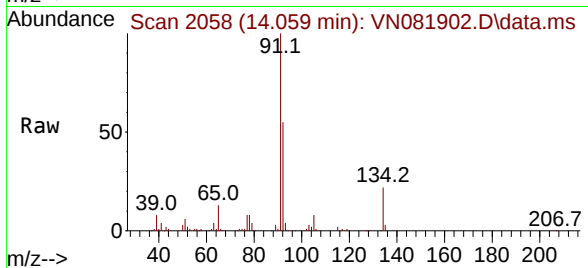
Tgt Ion:	91	Resp:	201778
Ion	Ratio	Lower	Upper
91	100		
92	53.6	0.0	105.0
134	24.0	0.0	51.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#86

Hexachloroethane

Concen: 18.153 ug/l

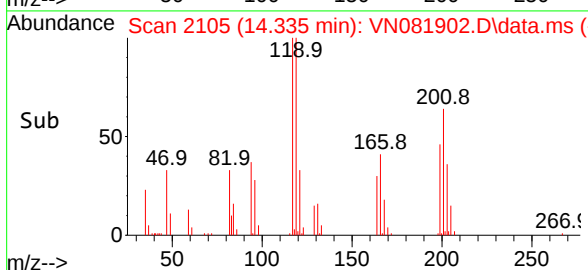
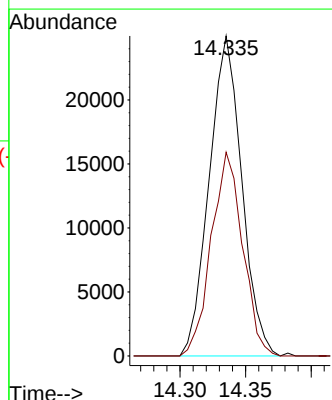
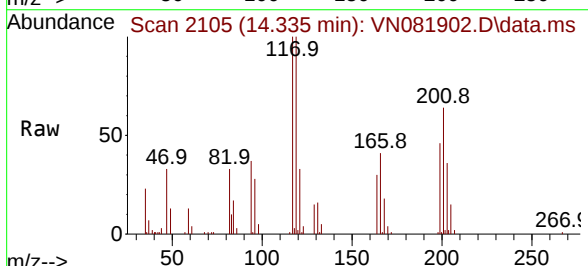
RT: 14.335 min Scan# 2105

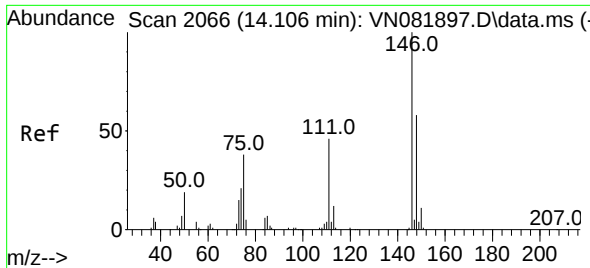
Delta R.T. 0.000 min

Lab File: VN081902.D

Acq: 29 Apr 2024 09:30

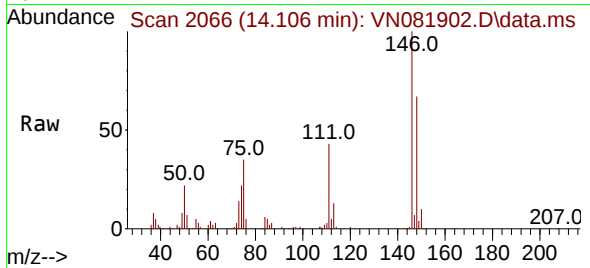
Tgt Ion:	117	Resp:	43179
Ion	Ratio	Lower	Upper
117	100		
201	61.2	38.0	114.0





#87
1,2-Dichlorobenzene
Concen: 18.378 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

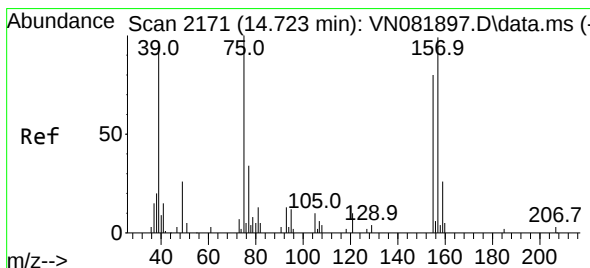
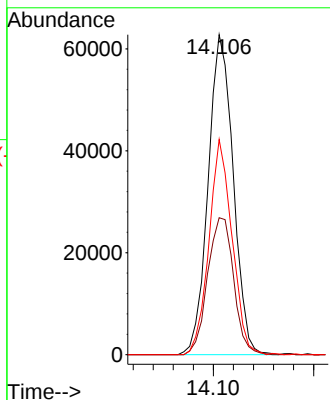
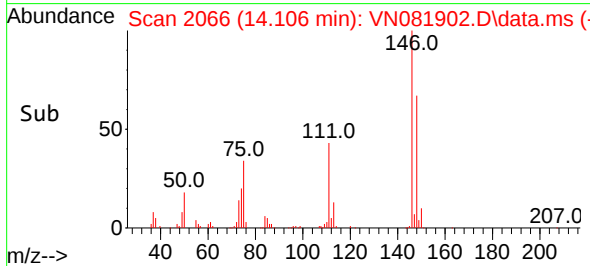
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



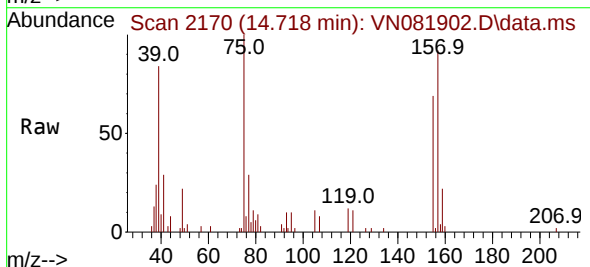
Tgt Ion:146 Resp: 108950
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.8
148 61.9 31.3 93.8

Manual Integrations
APPROVED

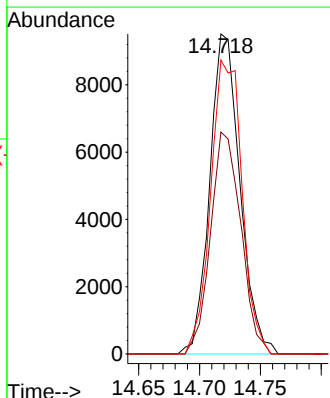
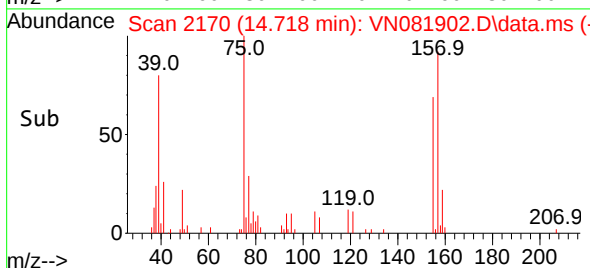
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

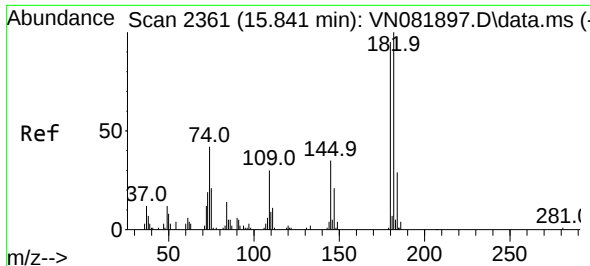


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.467 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



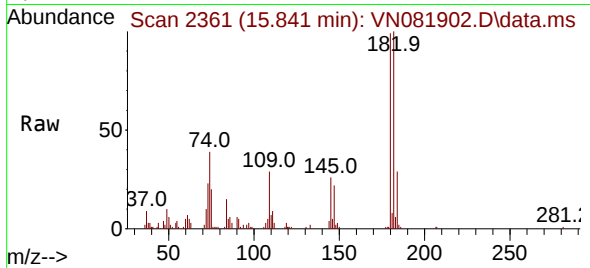
Tgt Ion: 75 Resp: 16421
Ion Ratio Lower Upper
75 100
155 69.6 61.7 92.5
157 95.2 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 17.650 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

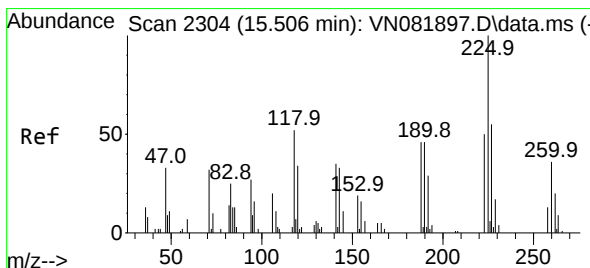
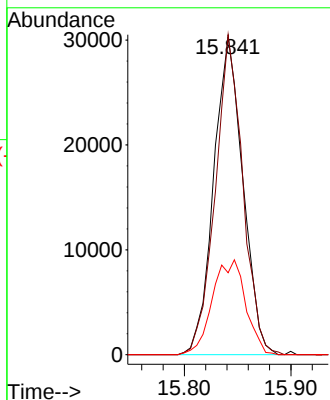
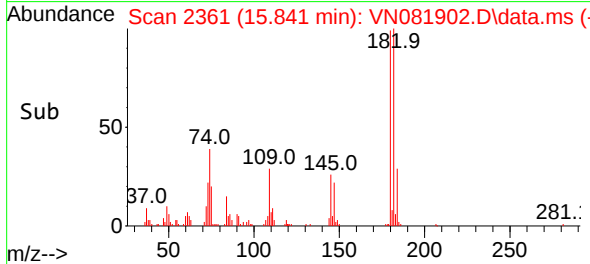
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:180 Resp: 57610
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
145 34.1 28.4 42.6

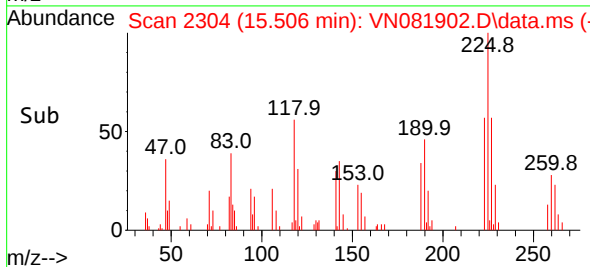
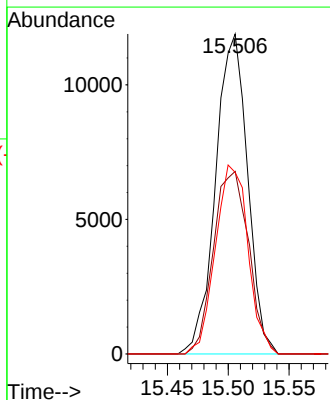
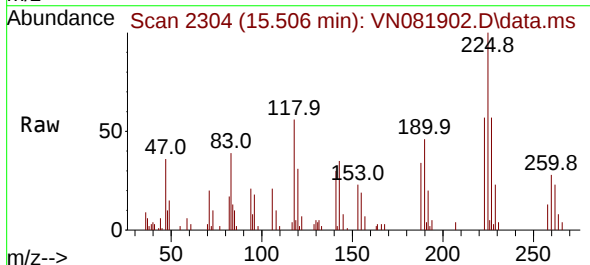
Manual Integrations
APPROVED

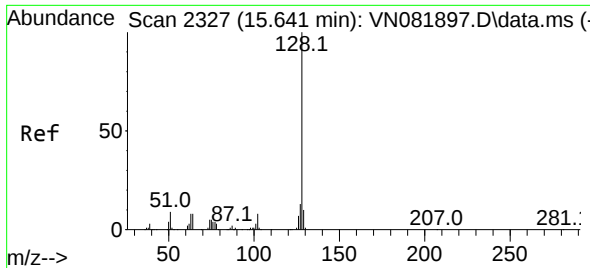
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#90
Hexachlorobutadiene
Concen: 17.972 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

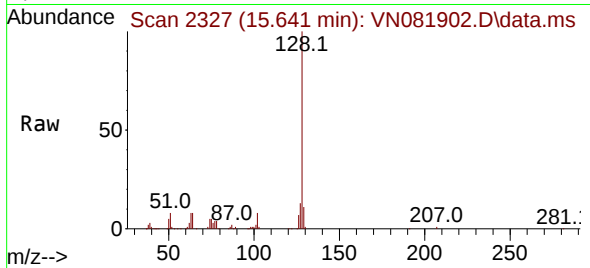
Tgt Ion:225 Resp: 21728
Ion Ratio Lower Upper
225 100
223 62.7 0.0 126.6
227 60.2 0.0 126.6





#91
Naphthalene
Concen: 17.185 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30

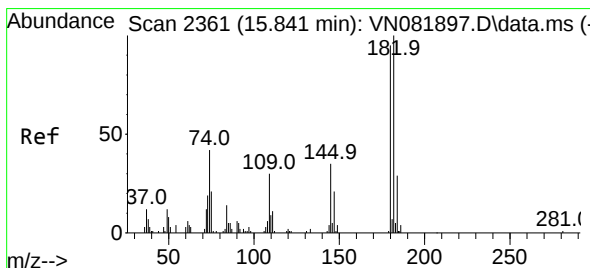
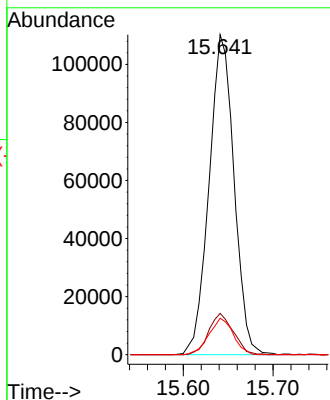
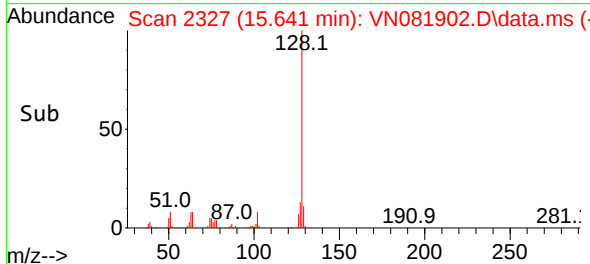
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



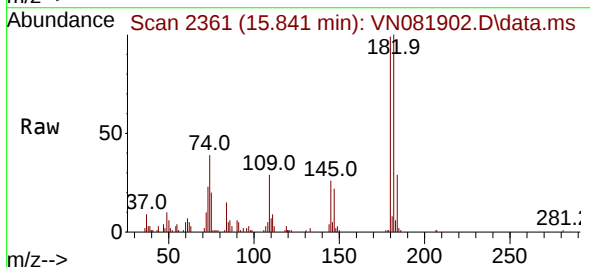
Tgt Ion:128 Resp: 213249
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.650 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081902.D
Acq: 29 Apr 2024 09:30



Tgt Ion:180 Resp: 57616
Ion Ratio Lower Upper
180 100
182 94.9 0.0 191.0
145 34.1 0.0 71.0

