

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083525.D
 Acq On : 28 Aug 2024 08:55
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2024
 Supervised By : Mahesh Dadoda 08/29/2024

Quant Time: Aug 28 11:58:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 11:58:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30208	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	185347	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	167383	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84042	33.229	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.767%#			
60) 4-Bromofluorobenzene	12.847	95	90470	32.477	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 108.267%			
63) Toluene-d8	10.565	98	230145	28.952	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	225591	131.561	ug/l	96
3) Chloromethane	2.359	50	221612	111.441	ug/l	98
4) Vinyl Chloride	2.512	62	235849	125.547	ug/l	97
5) Bromomethane	2.901	94	109523	111.728	ug/l	95
6) Chloroethane	3.053	64	148973	140.042	ug/l	97
7) Trichlorofluoromethane	3.459	101	386025	140.430	ug/l	100
8) Diethyl Ether	3.953	74	138101	103.780	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.353	101	216327	114.667	ug/l	96
10) 1,1-Dichloroethene	4.318	96	204272	110.662	ug/l	90
11) Methyl Iodide	4.577	142	282451	167.514	ug/l	94
12) Methyl Acetate	5.018	43	348321	147.605	ug/l #	80
13) Acrolein	4.177	56	167759	341.363	ug/l	98
14) Acrylonitrile	5.718	53	553033	524.893	ug/l	98
15) Acetone	4.424	58	172315	725.187	ug/l	71
16) Carbon Disulfide	4.695	76	538656	105.457	ug/l	98
17) Allyl chloride	5.006	41	379500	114.859	ug/l	88
18) Methylene Chloride	5.265	84	224927	107.224	ug/l	93
19) trans-1,2-Dichloroethene	5.777	96	209221	108.890	ug/l	97
20) Diisopropyl ether	6.671	45	747052	104.312	ug/l	95
21) 1,1-Dichloroethane	6.565	63	418201	110.282	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	259796	110.709	ug/l	93
23) tert-Butyl Alcohol	5.547	59	224873	518.047	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	759440m	114.244	ug/l	
25) Chloroform	7.965	83	442639	121.329	ug/l	98
26) Cyclohexane	8.253	56	363422	111.491	ug/l #	89
29) 1,1-Dichloropropene	8.365	75	305307	110.644	ug/l	98
30) 2-Butanone	7.483	43	795642	559.375	ug/l	95
31) 2,2-Dichloropropane	7.488	77	407032	143.941	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	413631	130.337	ug/l	97
33) Carbon Tetrachloride	8.359	117	360665	140.036	ug/l	97
34) Benzene	8.606	78	937933	106.547	ug/l	98
35) Methacrylonitrile	7.777	41	180617	100.370	ug/l	92
36) 1,2-Dichloroethane	8.671	62	343558	116.259	ug/l	95
37) Trichloroethene	9.353	130	219746	101.917	ug/l	95
38) Methylcyclohexane	9.600	83	383217	114.963	ug/l	96
39) 1,2-Dichloropropane	9.624	63	225279	99.736	ug/l	97
40) Dibromomethane	9.706	93	162116	111.721	ug/l	95
41) Bromodichloromethane	9.888	83	357961	115.416	ug/l	98
42) Vinyl Acetate	6.600	43	3882973	641.377	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	303918	97.665	ug/l	95
44) Isopropyl Acetate	8.688	43	586948	106.619	ug/l #	88
45) 1,4-Dioxane	9.700	88	88089	1995.036	ug/l	93
46) Methyl methacrylate	9.682	41	267131	106.201	ug/l	84
47) n-amyl Acetate	12.494	43	512161m	103.166	ug/l	
48) t-1,3-Dichloropropene	10.835	75	379936	112.964	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	391636	110.134	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	217876	110.672	ug/l	98
51) Ethyl methacrylate	10.877	69	387747	104.358	ug/l	81
52) 1,3-Dichloropropane	11.165	76	380976	105.333	ug/l	99
53) Dibromochloromethane	11.359	129	261049	121.876	ug/l	99
54) 1,2-Dibromoethane	11.471	107	223478	113.824	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	760417	409.271	ug/l	99
56) Bromoform	12.576	173	171327	131.425	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	1550710	477.153	ug/l #	90
59) 2-Hexanone	11.194	43	1203686	499.509	ug/l	90
61) Tetrachloroethene	11.106	164	186347	100.333	ug/l	93
62) Toluene	10.629	91	1018225	108.116	ug/l	100
64) Chlorobenzene	11.894	112	627041	108.854	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	225643	119.681	ug/l	98
66) Ethyl Benzene	11.965	91	1171267	113.459	ug/l	99
67) m/p-Xylenes	12.071	106	868732	226.971	ug/l	97
68) o-Xylene	12.400	106	429676	113.465	ug/l	99
69) Styrene	12.412	104	725465	114.123	ug/l	99
70) Isopropylbenzene	12.694	105	1126016	117.079	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	325349	117.553	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	286472m	126.496	ug/l	
73) Bromobenzene	12.982	156	249759	121.315	ug/l	93
74) n-propylbenzene	13.035	91	1315046	115.813	ug/l	100
75) 2-Chlorotoluene	13.123	91	812563	115.758	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	946371	121.567	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	128182	111.244	ug/l	91
78) 4-Chlorotoluene	13.223	91	816262	118.697	ug/l	98
79) tert-butylbenzene	13.441	119	833906	124.413	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	952291	121.784	ug/l	99
81) sec-Butylbenzene	13.618	105	1160353	123.501	ug/l	99
82) p-Isopropyltoluene	13.729	119	979839	131.885	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	483431	130.408	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	489333	131.329	ug/l	100
85) n-Butylbenzene	14.059	91	868306	127.948	ug/l	98
86) Hexachloroethane	14.335	117	191889	129.535	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	492835	133.481	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	74191	119.458	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	270362	132.987	ug/l	99
90) Hexachlorobutadiene	15.500	225	116009	154.074	ug/l	99
91) Naphthalene	15.641	128	932705	120.687	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	270362	132.987	ug/l	99

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

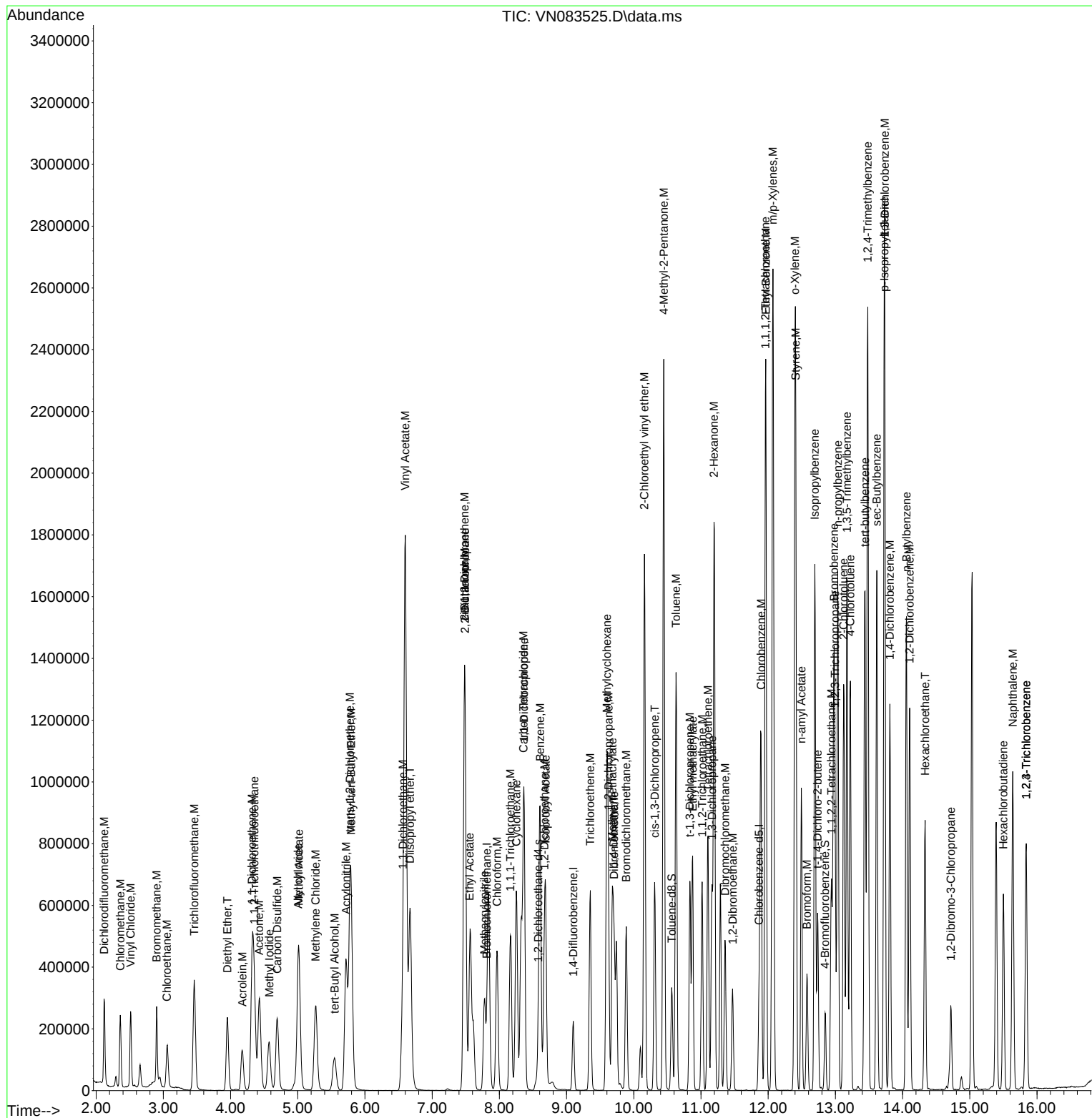
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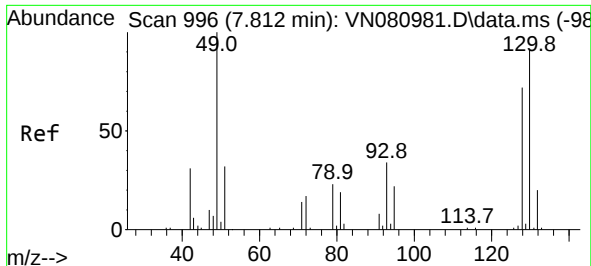
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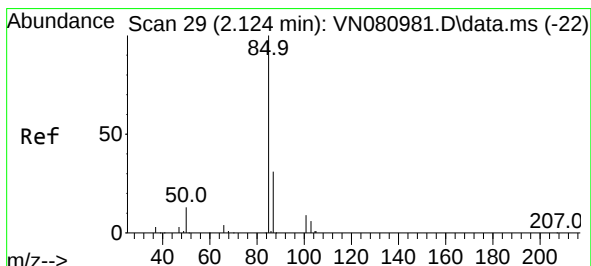
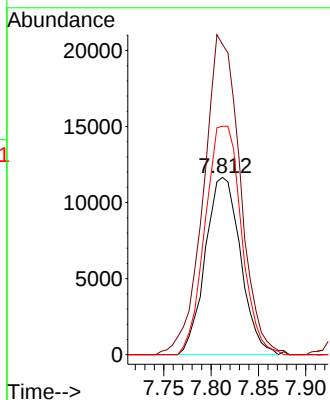
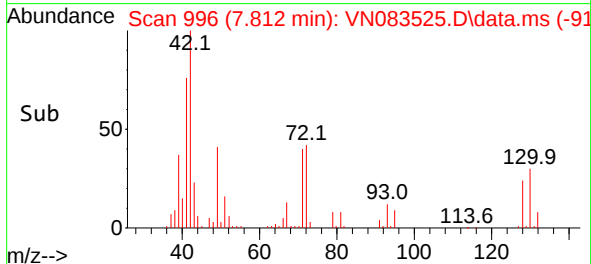
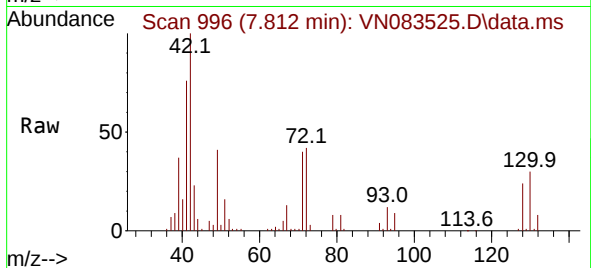
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

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ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 30208
Ion Ratio Lower Upper
128 100
49 186.9 0.0 403.7
130 132.7 0.0 323.3

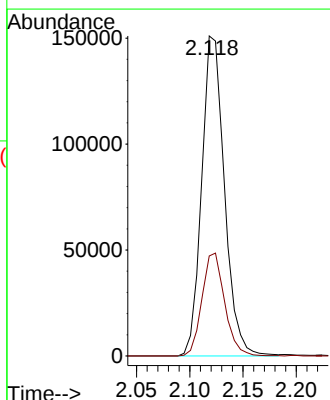
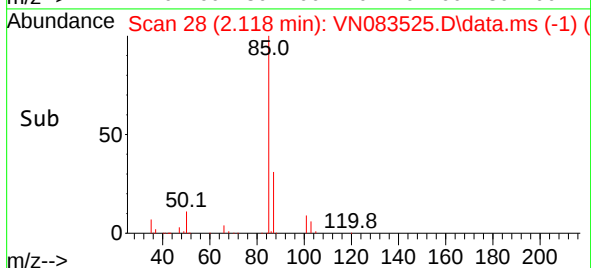
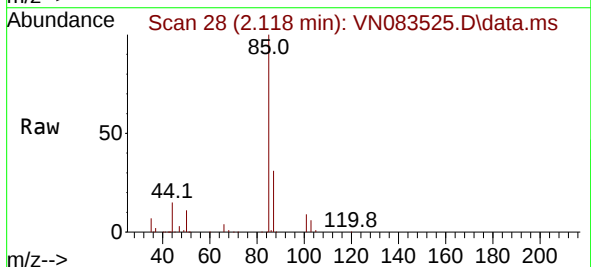
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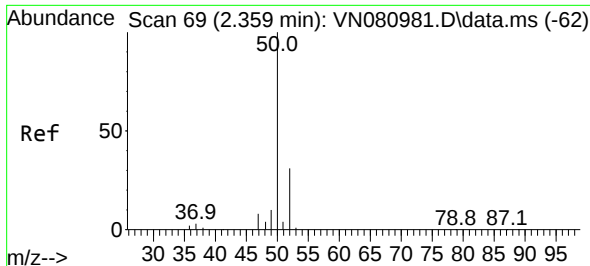
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#2
Dichlorodifluoromethane
Concen: 131.561 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 85 Resp: 225591
Ion Ratio Lower Upper
85 100
87 31.3 16.8 50.3





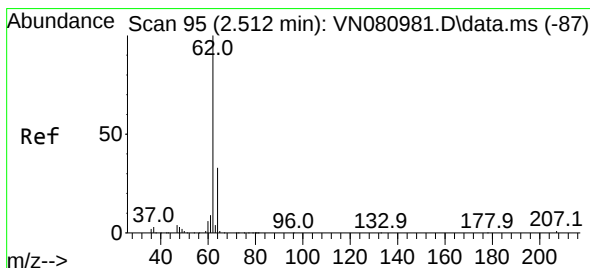
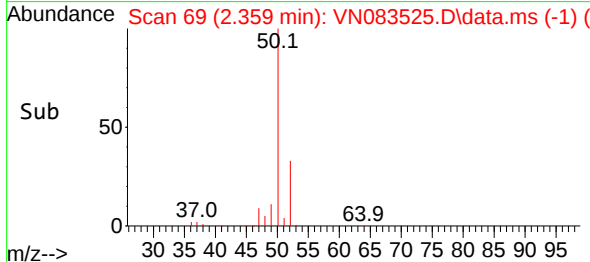
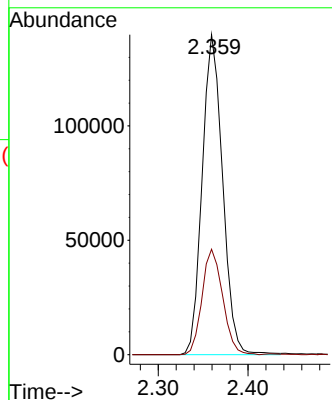
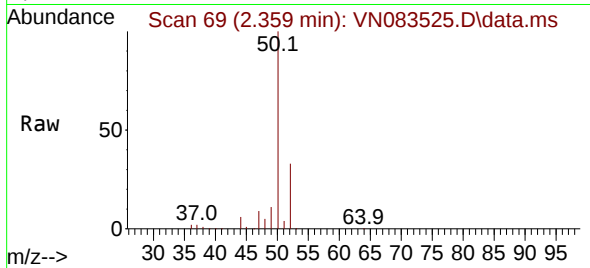
#3
Chloromethane
Concen: 111.441 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

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Tgt Ion: 50 Resp: 221612
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

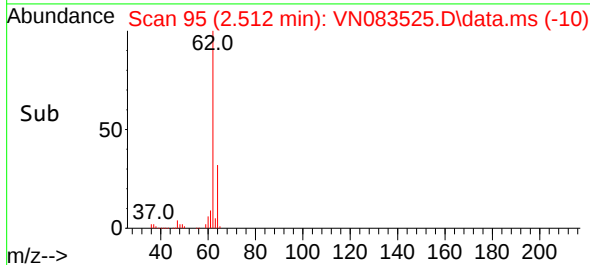
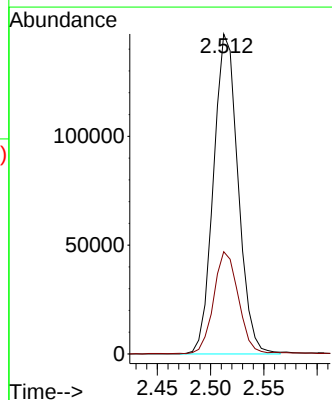
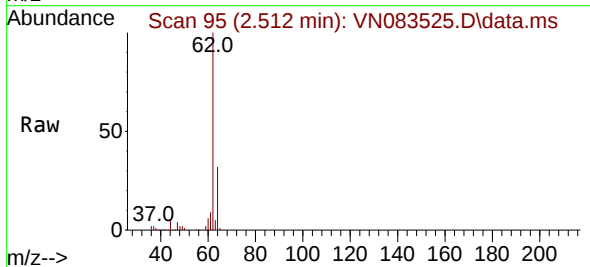
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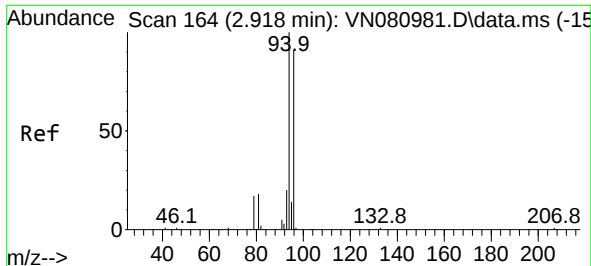
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#4
Vinyl Chloride
Concen: 125.547 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083525.D
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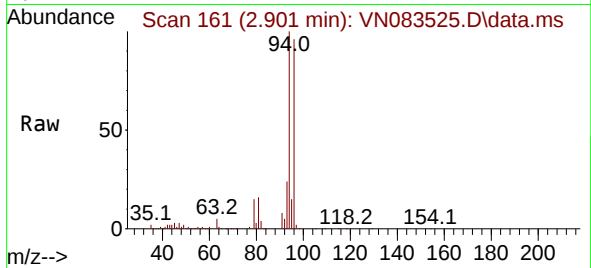
Tgt Ion: 62 Resp: 235849
Ion Ratio Lower Upper
62 100
64 31.8 24.1 36.1





#5
Bromomethane
Concen: 111.728 ug/l
RT: 2.901 min Scan# 110
Delta R.T. -0.018 min
Lab File: VN083525.D
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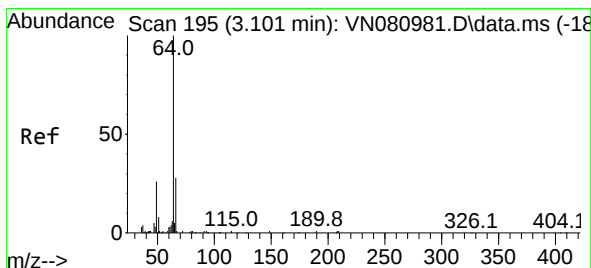
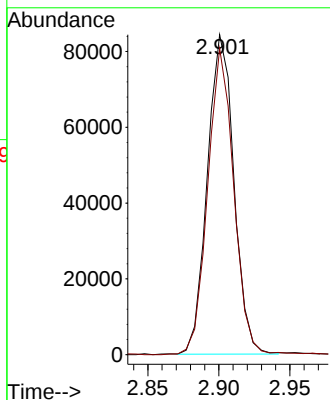
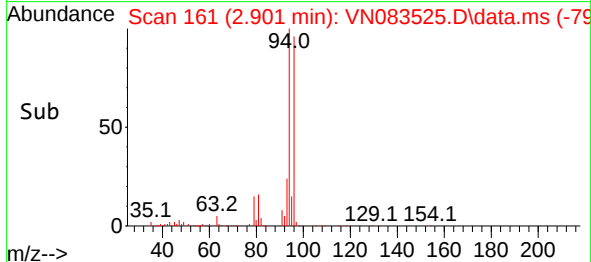
Instrument :
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Tgt Ion: 94 Resp: 109523
Ion Ratio Lower Upper
94 100
96 95.7 72.8 109.2

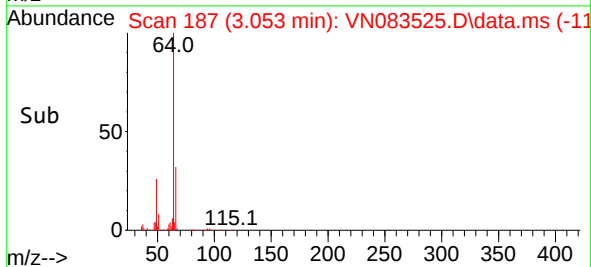
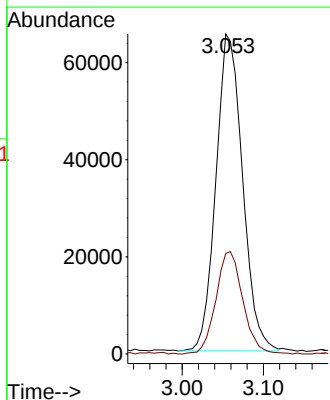
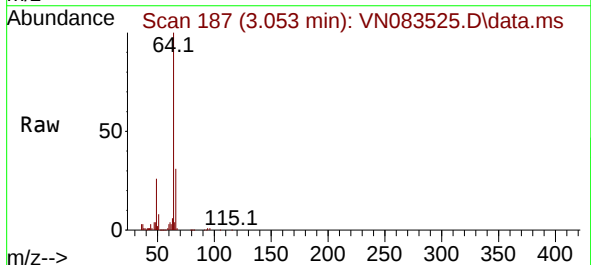
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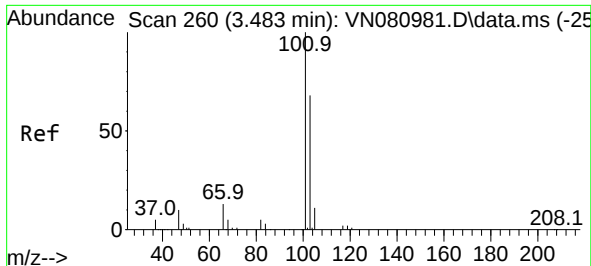
Reviewed By :John Carlone 08/28/2024
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#6
Chloroethane
Concen: 140.042 ug/l
RT: 3.053 min Scan# 187
Delta R.T. -0.047 min
Lab File: VN083525.D
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Tgt Ion: 64 Resp: 148973
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1





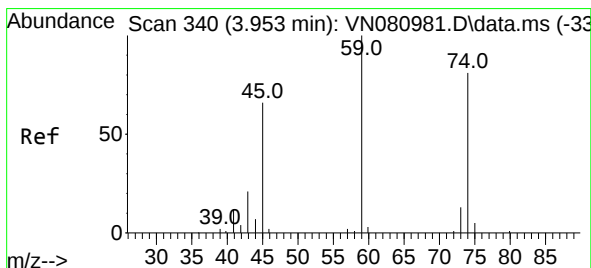
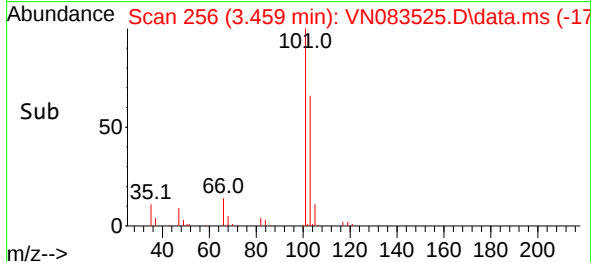
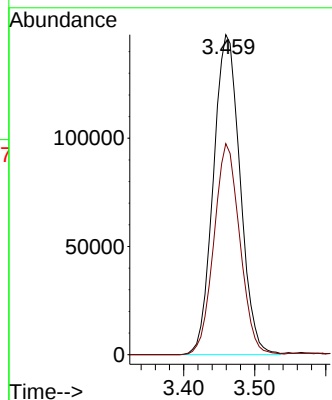
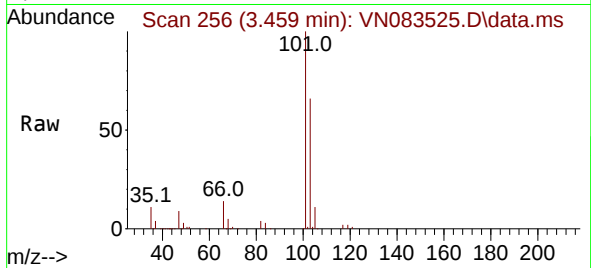
#7
 Trichlorofluoromethane
 Concen: 140.430 ug/l
 RT: 3.459 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VN083525.D
 Acq: 28 Aug 2024 08:55

Instrument :
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 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 38602
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.0 79.4

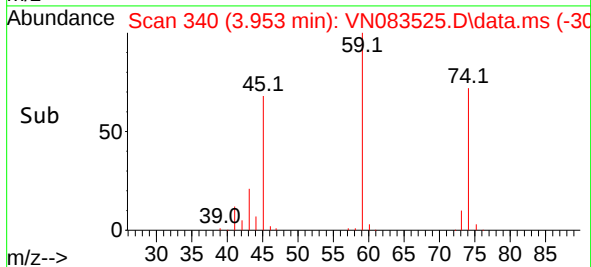
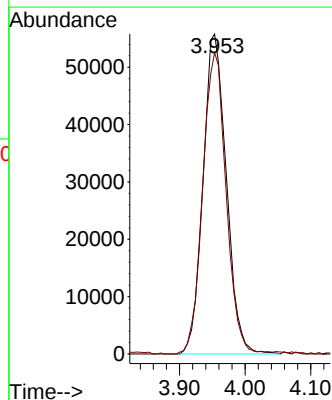
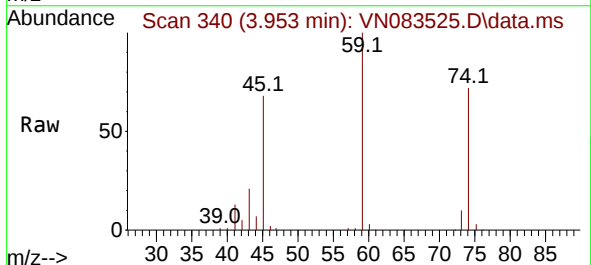
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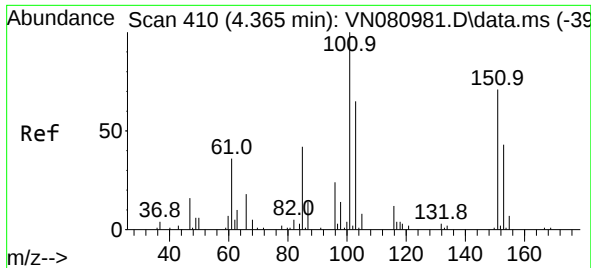
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#8
 Diethyl Ether
 Concen: 103.780 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 138101
 Ion Ratio Lower Upper
 74 100
 45 94.0 16.4 147.4





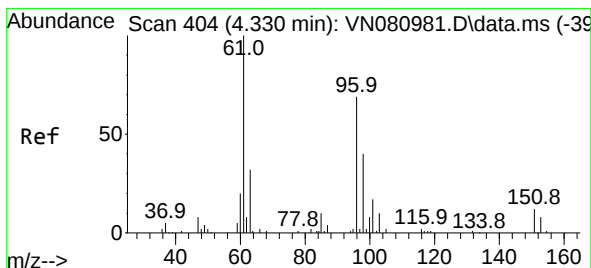
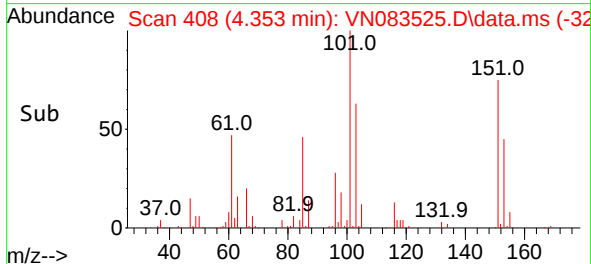
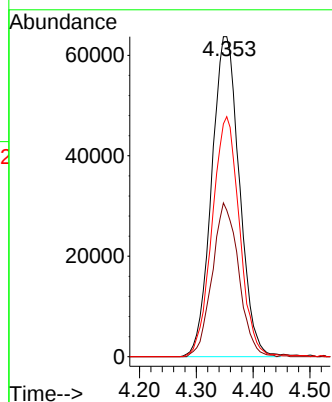
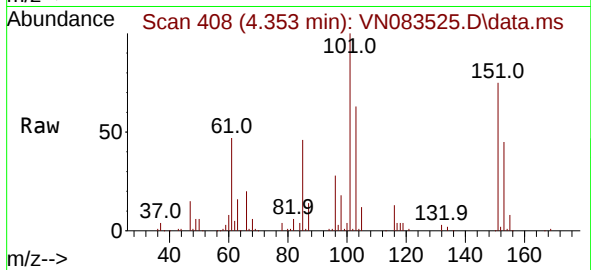
#9
1,1,2-Trichlorotrifluoroethane
Concen: 114.667 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 21632
Ion Ratio Lower Upper
101 100
85 45.8 0.0 90.6
151 73.5 0.0 157.6

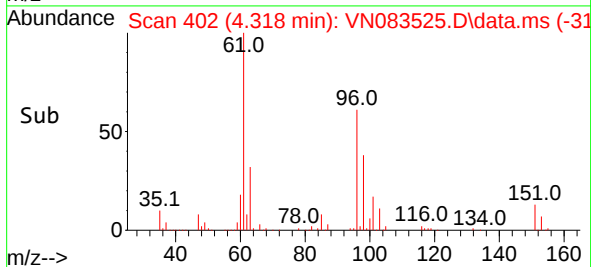
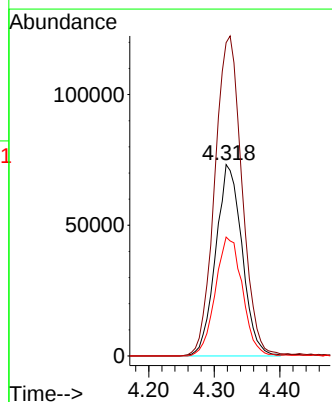
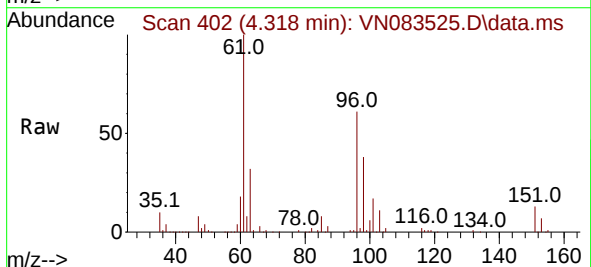
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#10
1,1-Dichloroethene
Concen: 110.662 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.012 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

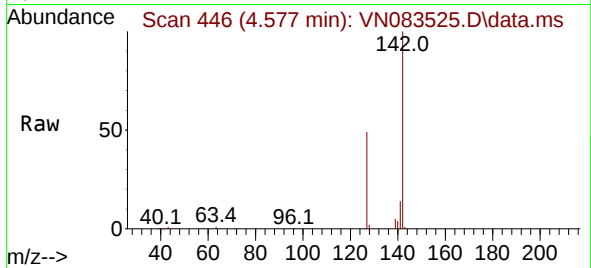
Tgt Ion: 96 Resp: 204272
Ion Ratio Lower Upper
96 100
61 163.7 117.6 176.4
98 62.1 48.4 72.6





#11
Methyl Iodide
Concen: 167.514 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

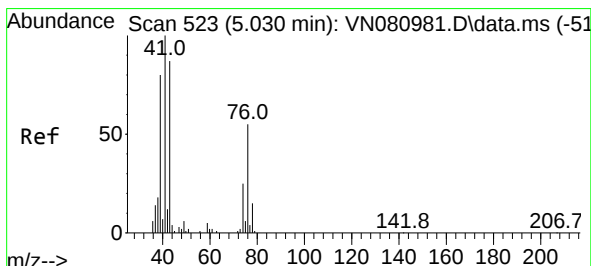
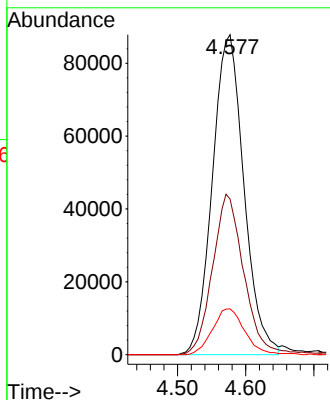
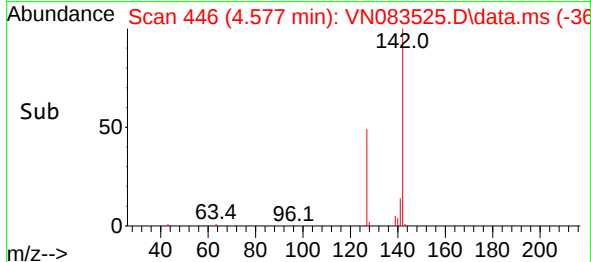
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 28245
Ion Ratio Lower Upper
142 100
127 48.5 26.3 78.9
141 14.3 8.3 24.9

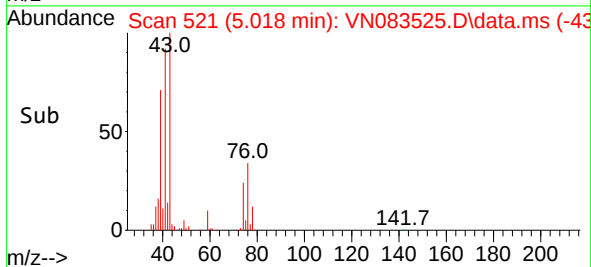
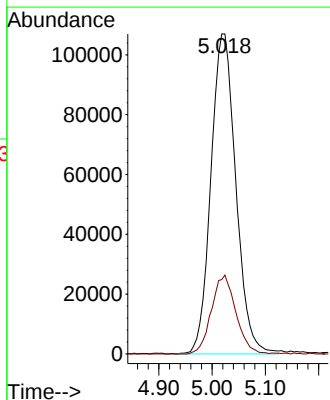
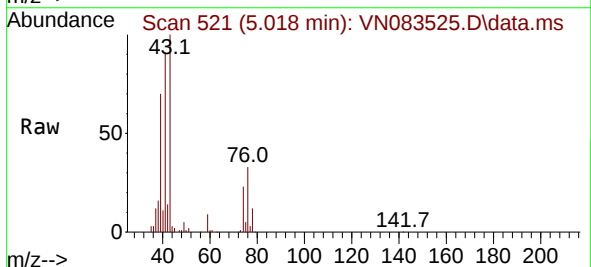
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#12
Methyl Acetate
Concen: 147.605 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

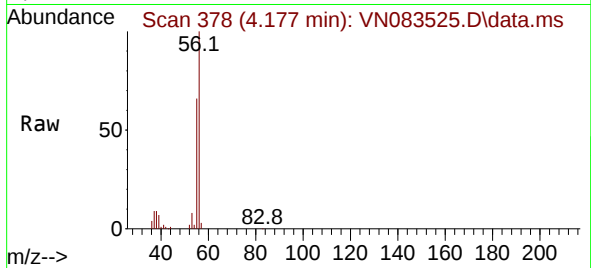
Tgt Ion: 43 Resp: 348321
Ion Ratio Lower Upper
43 100
74 23.2 27.7 41.5#





#13
Acrolein
Concen: 341.363 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

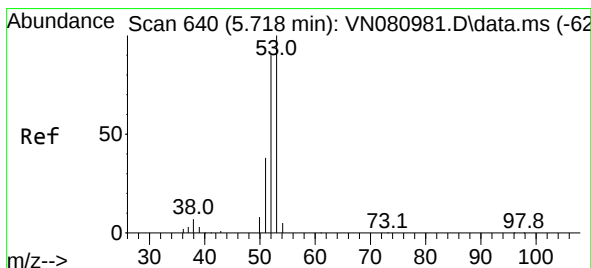
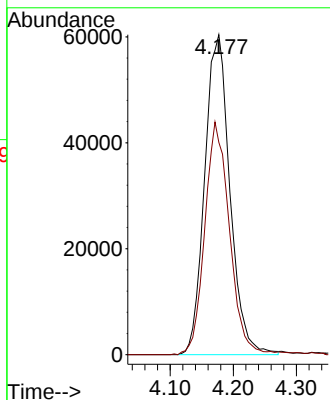
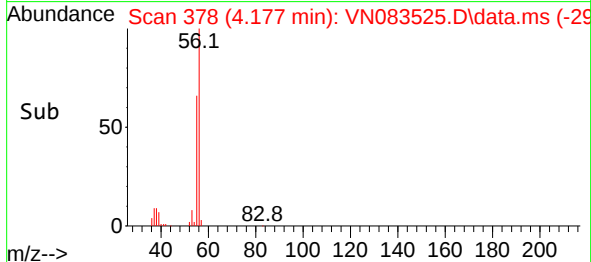
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 167759
Ion Ratio Lower Upper
56 100
55 70.7 55.5 83.3

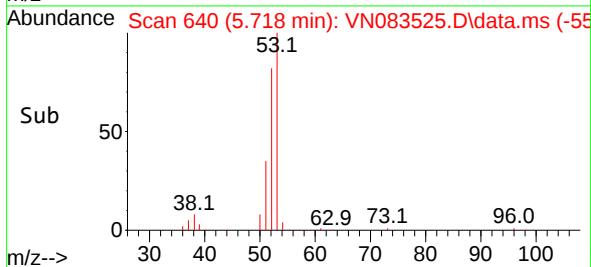
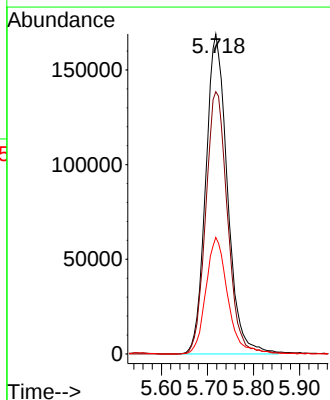
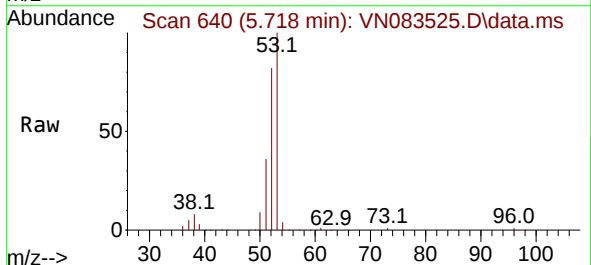
Manual Integrations
APPROVED

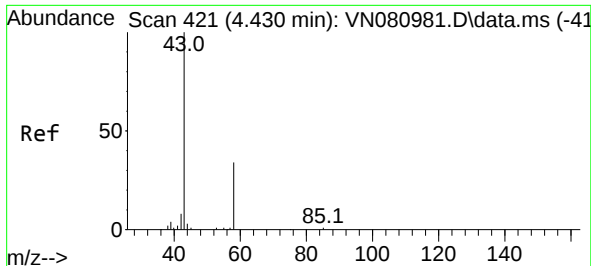
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#14
Acrylonitrile
Concen: 524.893 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 53 Resp: 553033
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.9
51 36.6 16.8 50.3





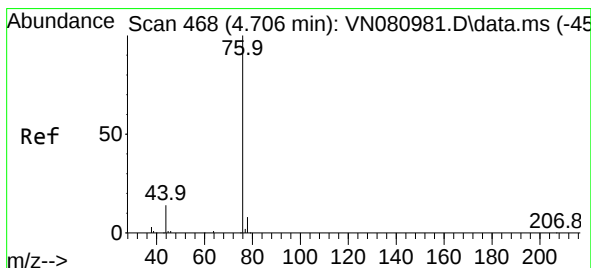
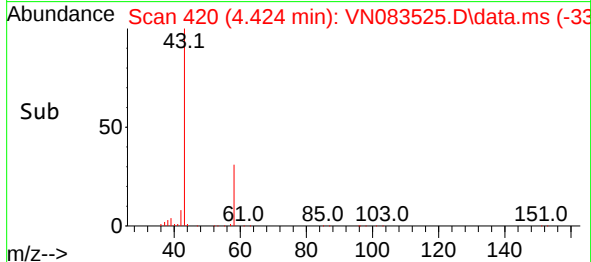
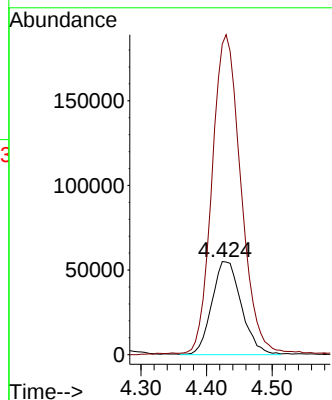
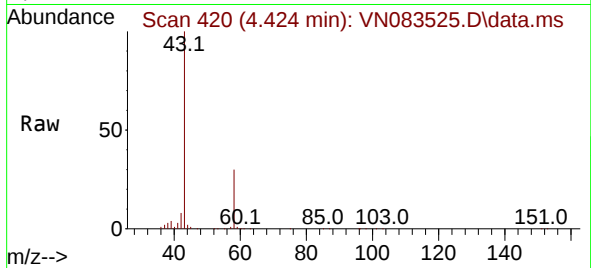
#15
Acetone
Concen: 725.187 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 58 Resp: 17231
Ion Ratio Lower Upper
58 100
43 333.2 223.1 334.7

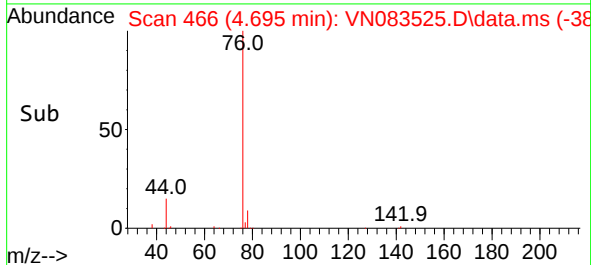
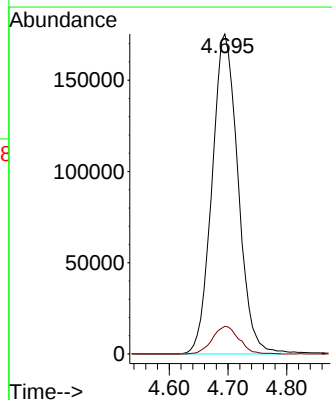
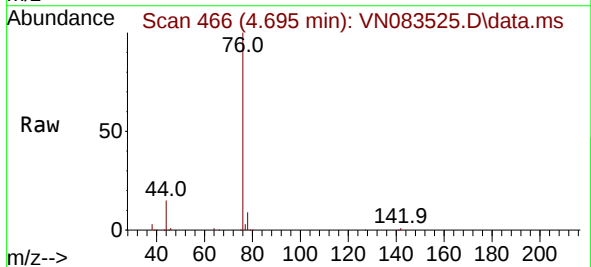
Manual Integrations
APPROVED

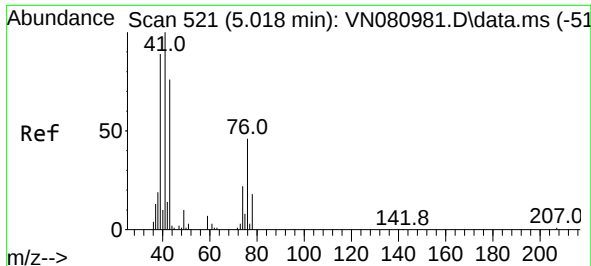
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#16
Carbon Disulfide
Concen: 105.457 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.012 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

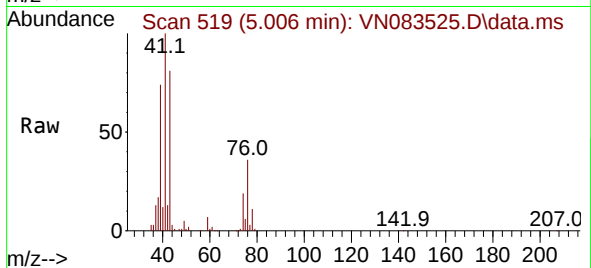
Tgt Ion: 76 Resp: 538656
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5





#17
 Allyl chloride
 Concen: 114.859 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.012 min
 Lab File: VN083525.D
 Acq: 28 Aug 2024 08:55

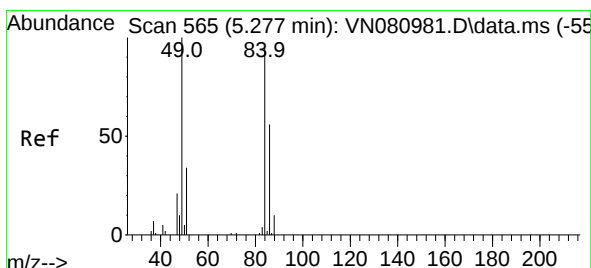
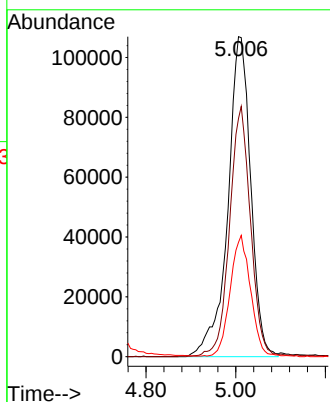
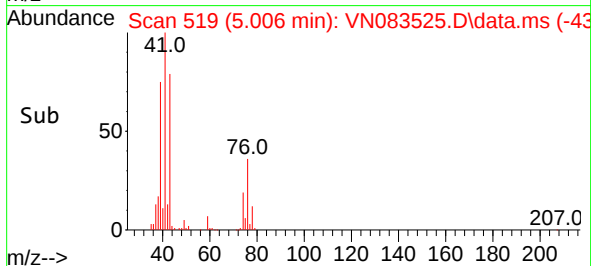
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 379500
 Ion Ratio Lower Upper
 41 100
 39 74.4 37.6 112.9
 76 35.4 27.8 83.4

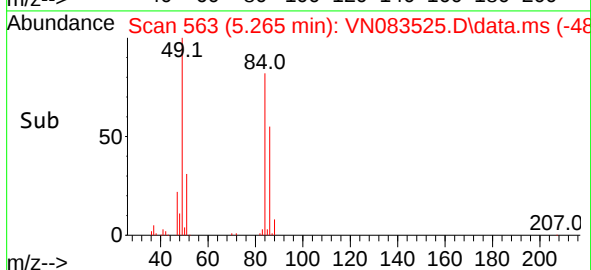
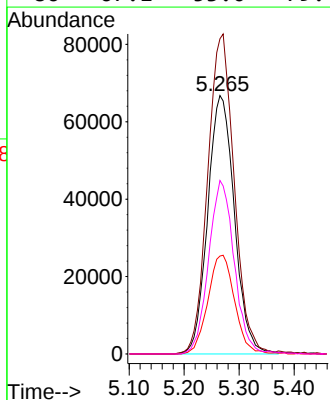
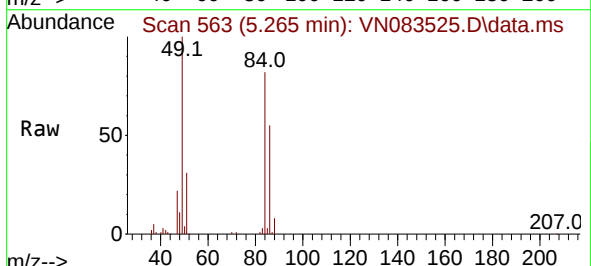
Manual Integrations
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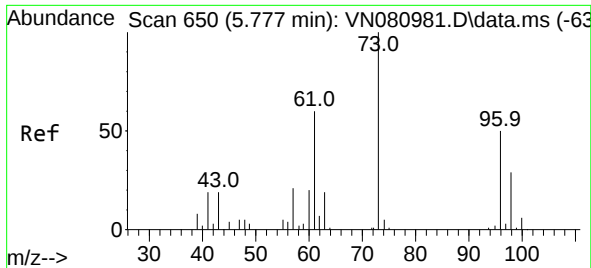
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#18
 Methylene Chloride
 Concen: 107.224 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: VN083525.D
 Acq: 28 Aug 2024 08:55

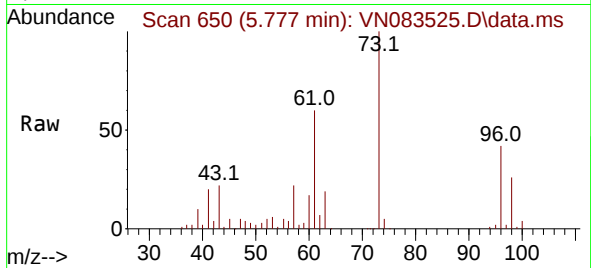
Tgt Ion: 84 Resp: 224927
 Ion Ratio Lower Upper
 84 100
 49 121.7 86.0 129.0
 51 37.9 30.0 45.0
 86 67.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 108.890 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

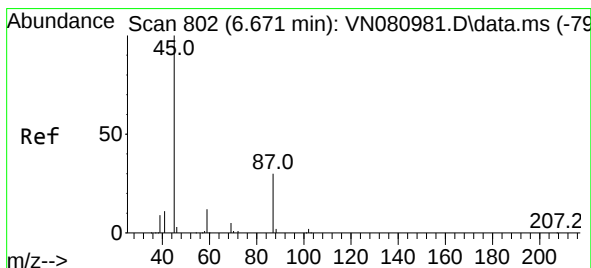
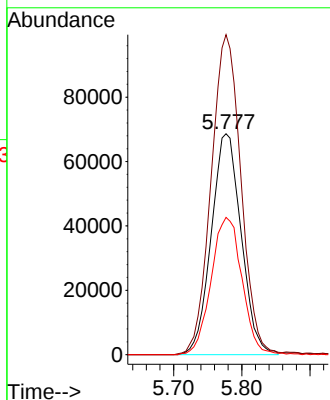
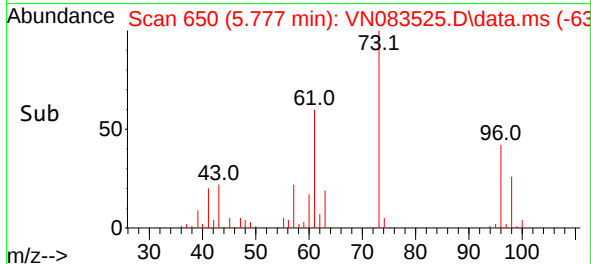
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



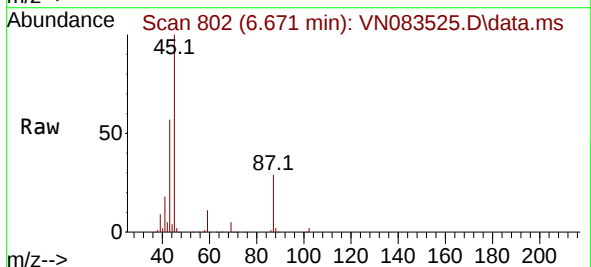
Tgt Ion: 96 Resp: 20922
Ion Ratio Lower Upper
96 100
61 144.4 111.8 167.6
98 62.1 49.2 73.8

Manual Integrations
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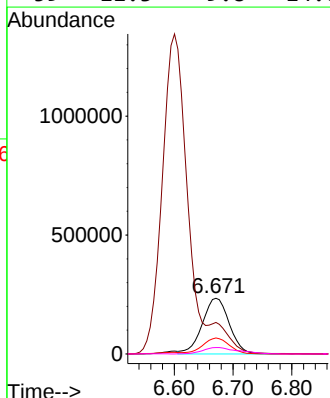
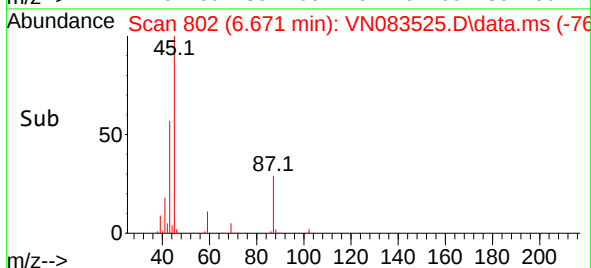
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

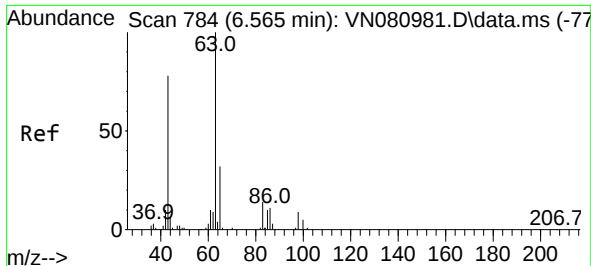


#20
Diisopropyl ether
Concen: 104.312 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55



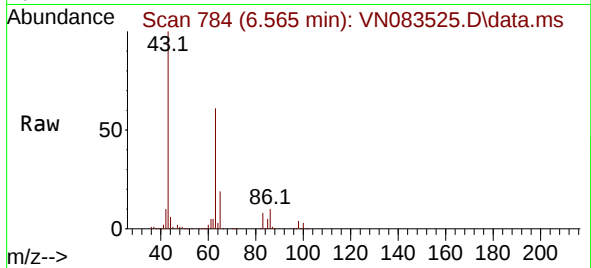
Tgt Ion: 45 Resp: 747052
Ion Ratio Lower Upper
45 100
43 55.8 40.4 60.6
87 28.6 23.8 35.8
59 11.3 9.8 14.6





#21
1,1-Dichloroethane
Concen: 110.282 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

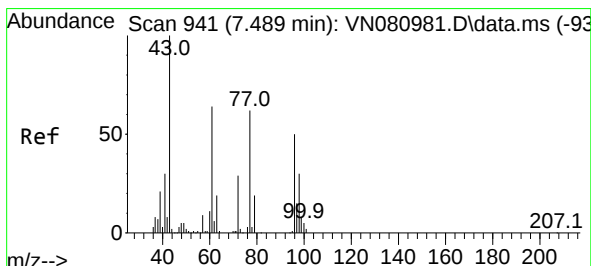
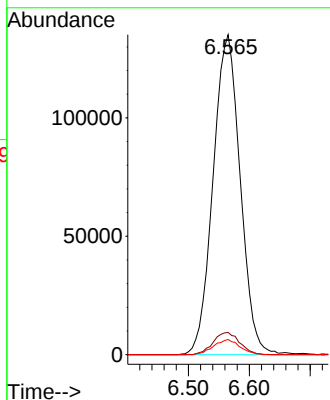
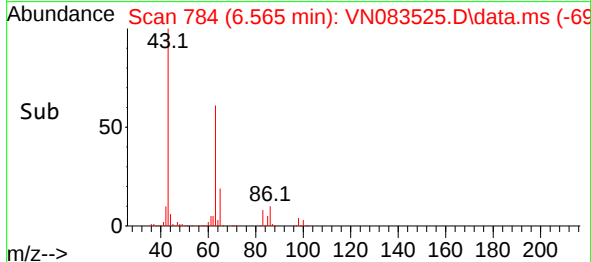
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



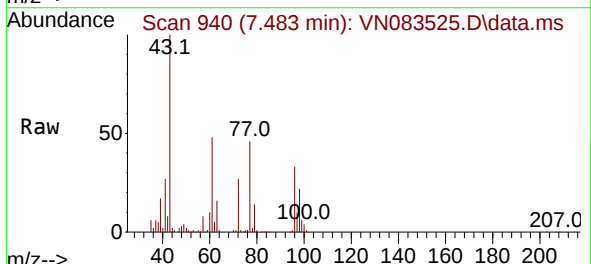
Tgt Ion: 63 Resp: 41820
Ion Ratio Lower Upper
63 100
98 7.0 4.1 12.3
100 4.7 3.0 9.0

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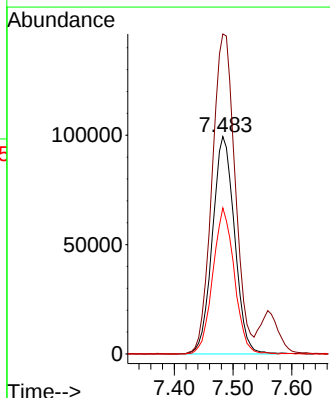
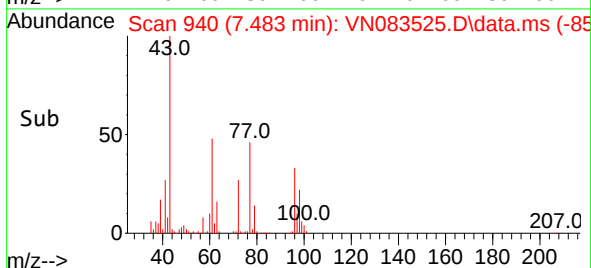
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

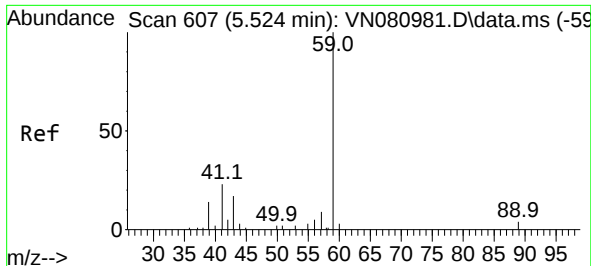


#22
cis-1,2-Dichloroethene
Concen: 110.709 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55



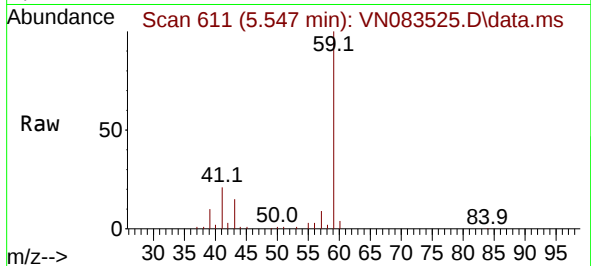
Tgt Ion: 96 Resp: 259796
Ion Ratio Lower Upper
96 100
61 153.5 113.5 170.3
98 65.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 518.047 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.024 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

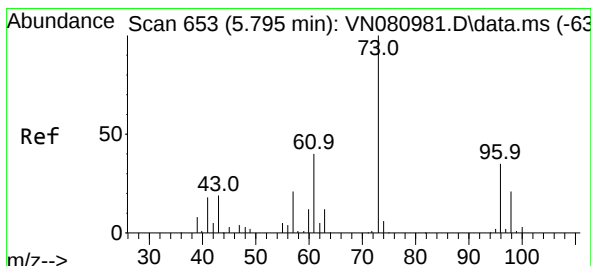
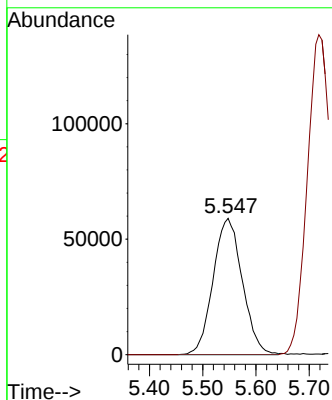
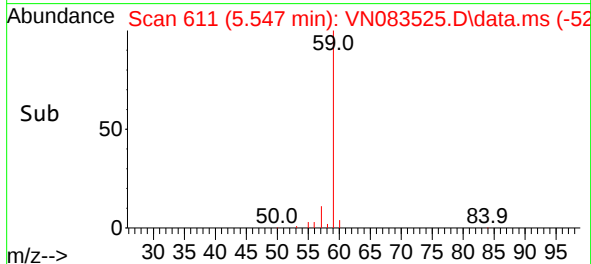
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 22487
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

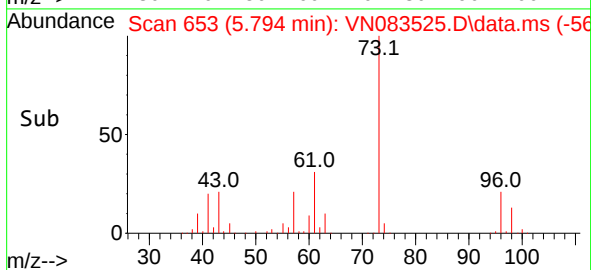
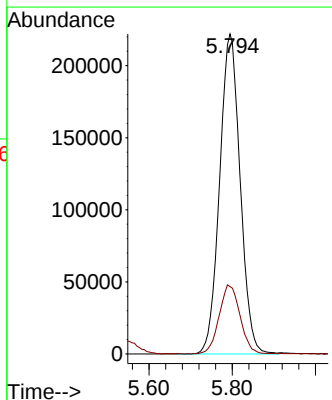
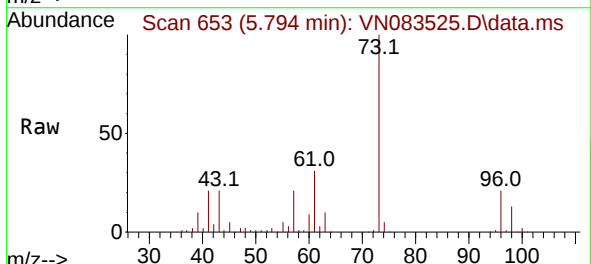
Manual Integrations
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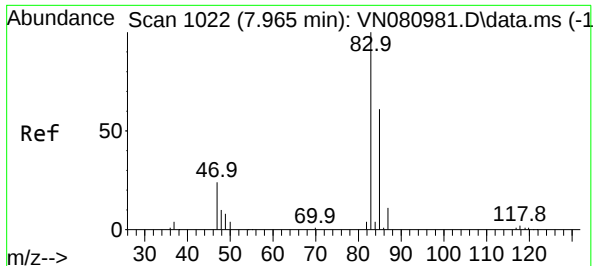
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#24
Methyl tert-Butyl Ether
Concen: 114.244 ug/l m
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 73 Resp: 759440
Ion Ratio Lower Upper
73 100
43 0.0 13.4 20.2#





#25

Chloroform

Concen: 121.329 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 442639

Ion Ratio Lower Upper

83 100

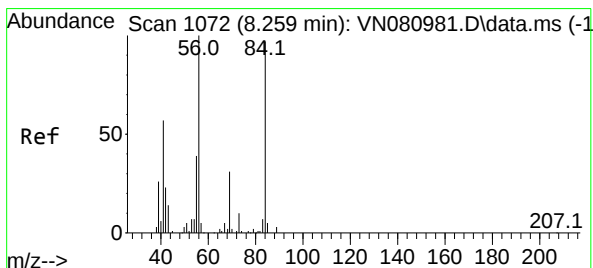
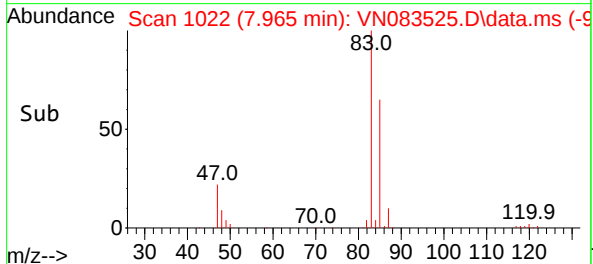
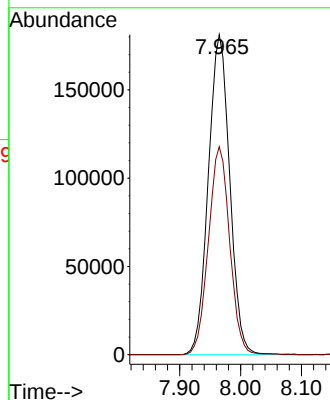
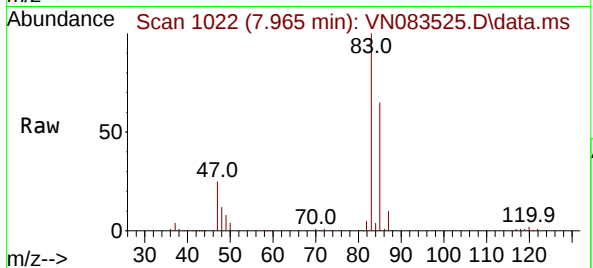
85 65.0 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#26

Cyclohexane

Concen: 111.491 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

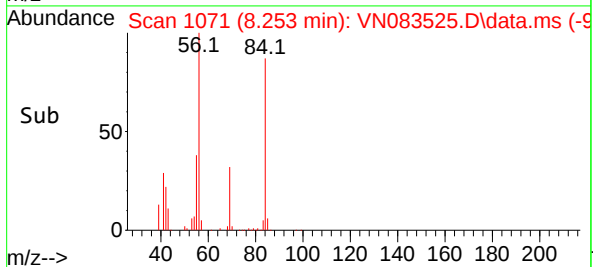
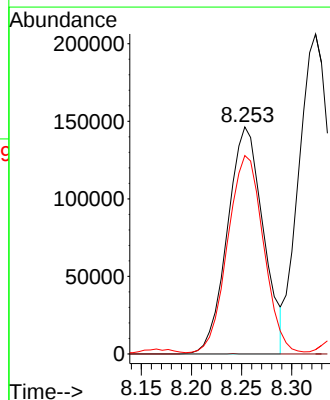
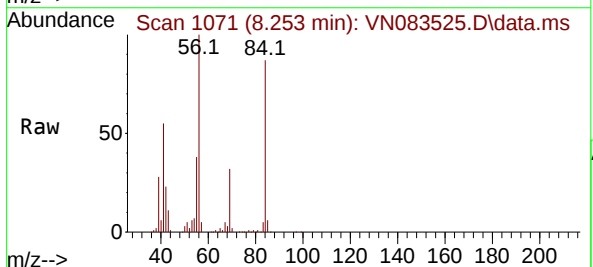
Tgt Ion: 56 Resp: 363422

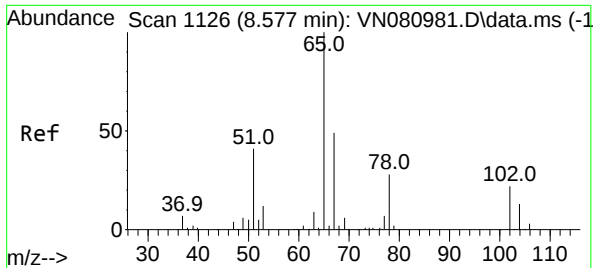
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9#

84 88.1 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 33.229 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :

MSVOA_N

ClientSampleId :

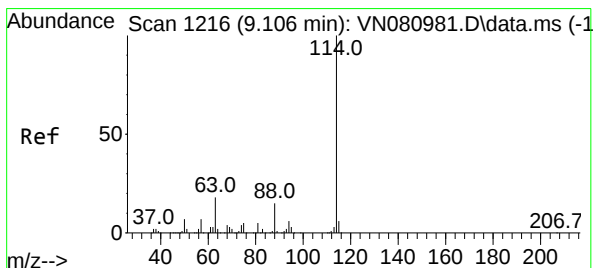
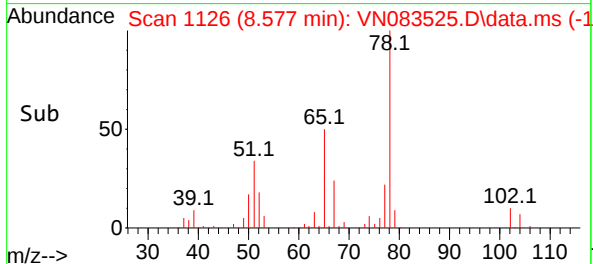
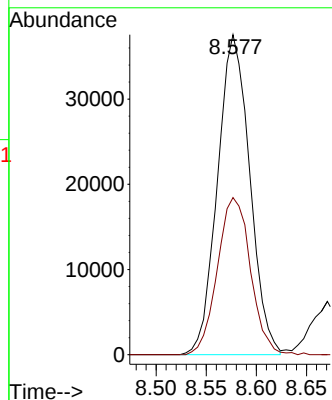
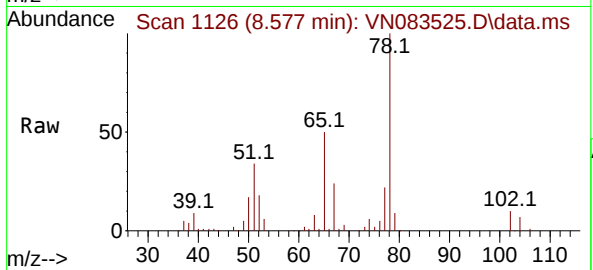
VSTDIC100

Tgt Ion: 65 Resp: 8404
Ion Ratio Lower Upper
65 100
67 50.2 43.2 64.8

Manual Integrations

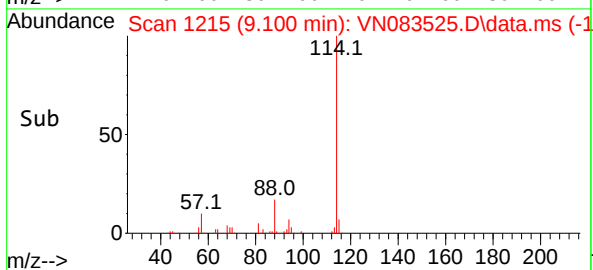
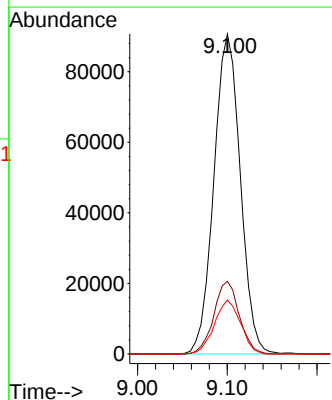
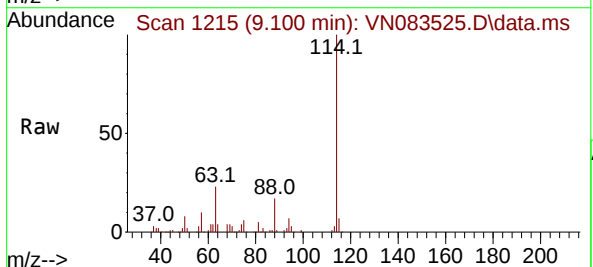
APPROVED

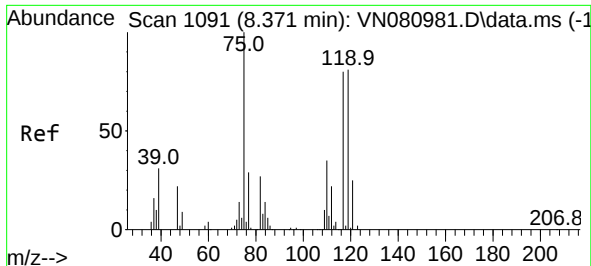
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

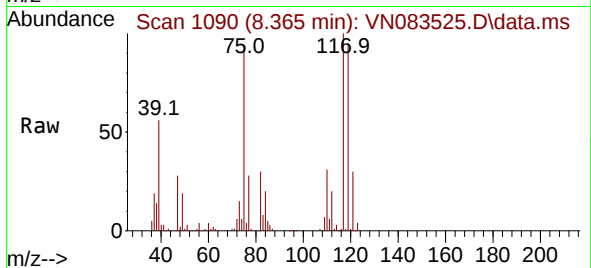
Tgt Ion:114 Resp: 185347
Ion Ratio Lower Upper
114 100
63 21.9 15.9 23.9
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 110.644 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

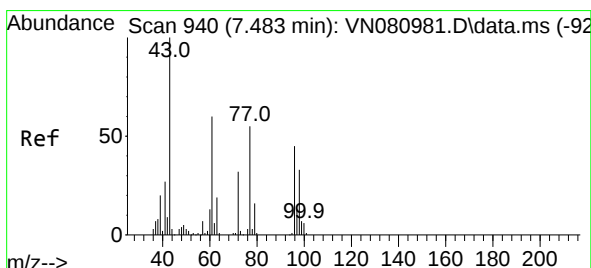
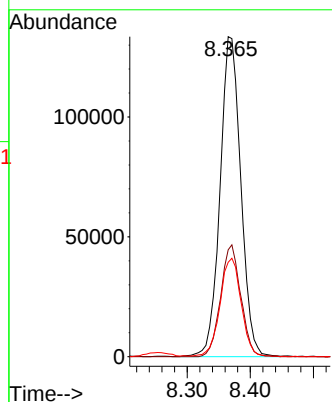
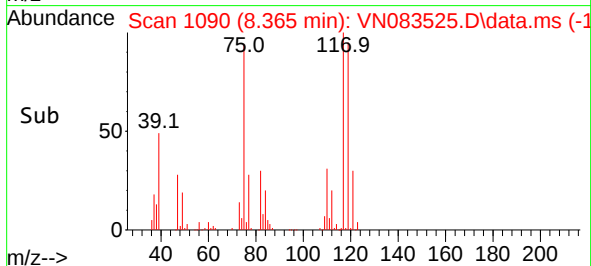
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 305307
Ion Ratio Lower Upper
75 100
110 33.9 0.0 70.2
77 31.3 0.0 61.4

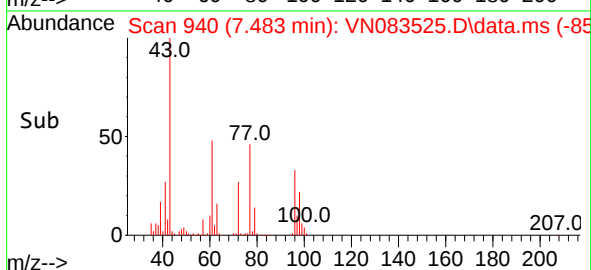
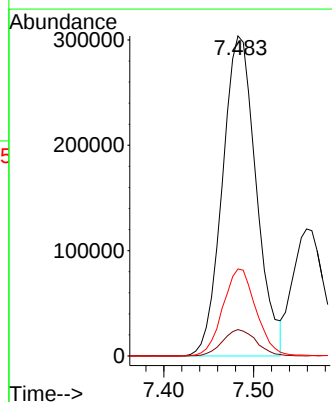
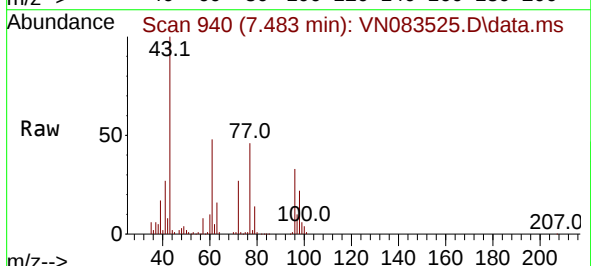
Manual Integrations
APPROVED

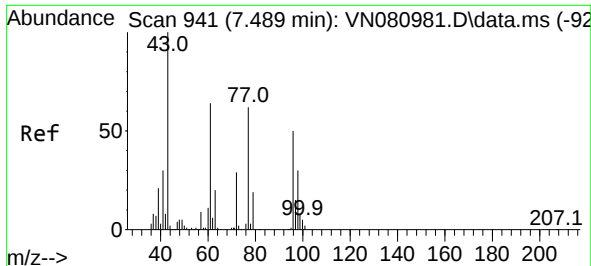
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#30
2-Butanone
Concen: 559.375 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 43 Resp: 795642
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 26.7 24.0 36.0





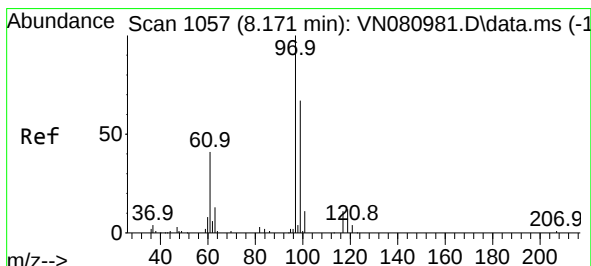
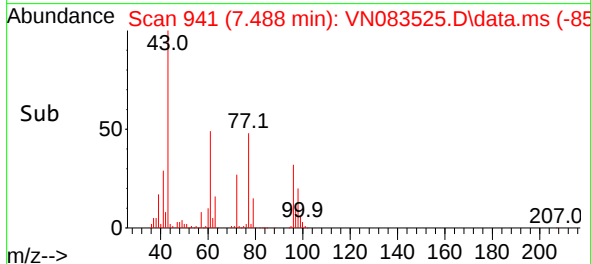
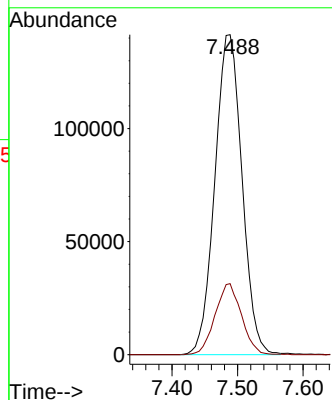
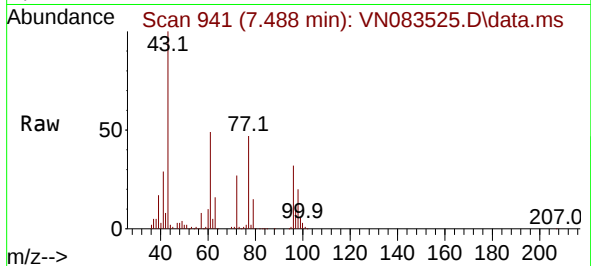
#31
2,2-Dichloropropane
Concen: 143.941 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 407032
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

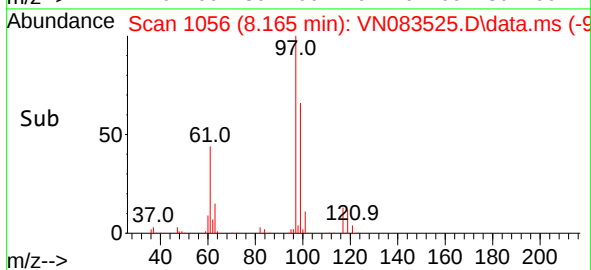
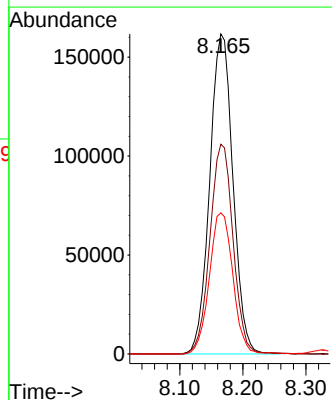
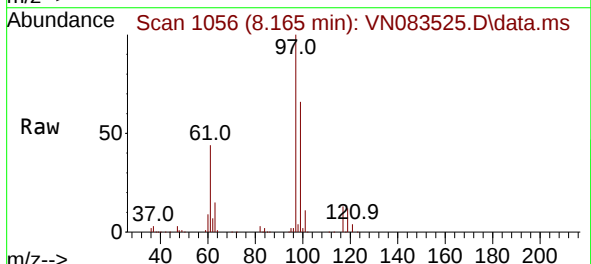
Manual Integrations
APPROVED

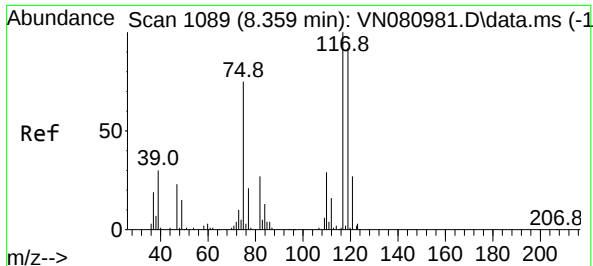
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#32
1,1,1-Trichloroethane
Concen: 130.337 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

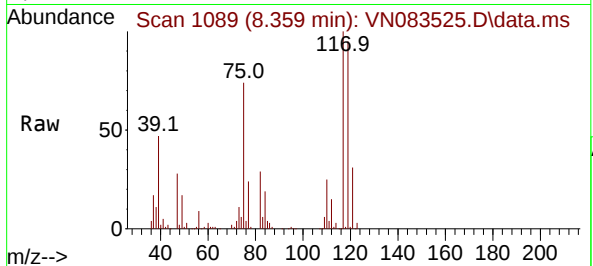
Tgt Ion: 97 Resp: 413631
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 44.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 140.036 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

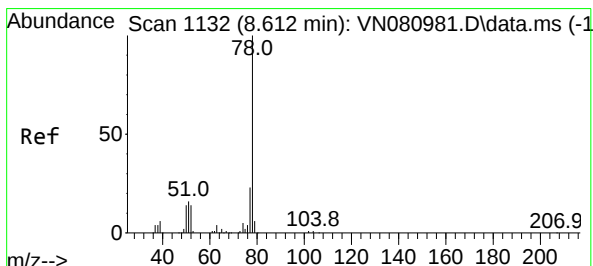
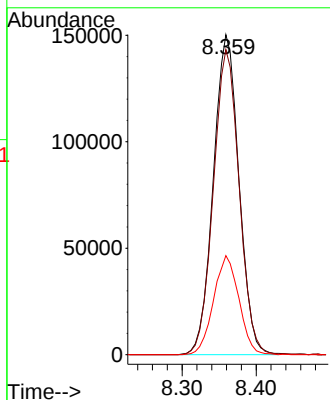
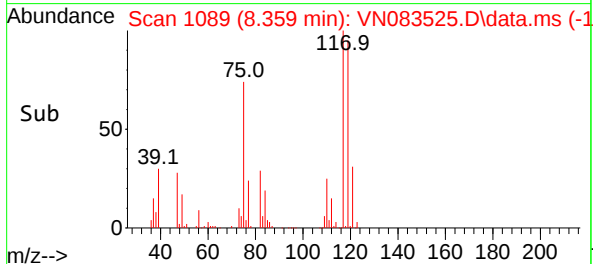
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



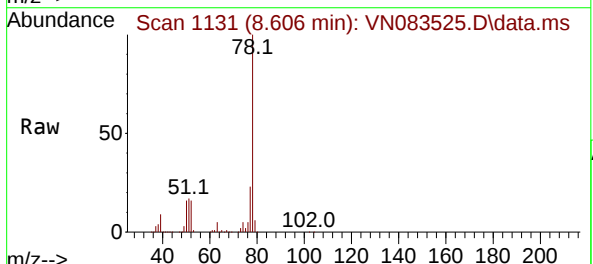
Tgt Ion: 117 Resp: 36066
Ion Ratio Lower Upper
117 100
119 95.4 77.7 116.5
121 30.9 27.0 40.6

Manual Integrations
APPROVED

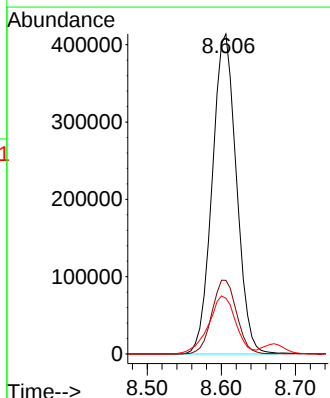
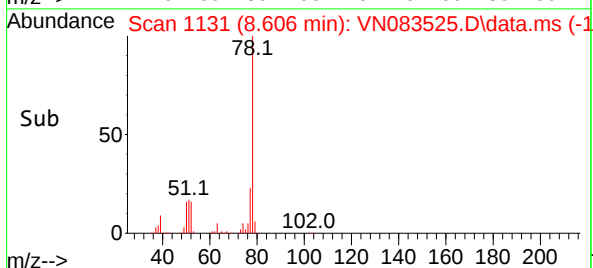
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#34
Benzene
Concen: 106.547 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55



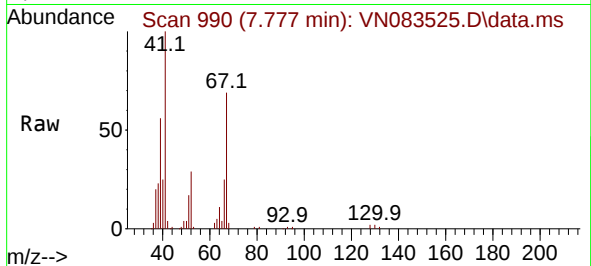
Tgt Ion: 78 Resp: 937933
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8
51 17.2 13.3 19.9





#35
Methacrylonitrile
Concen: 100.370 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

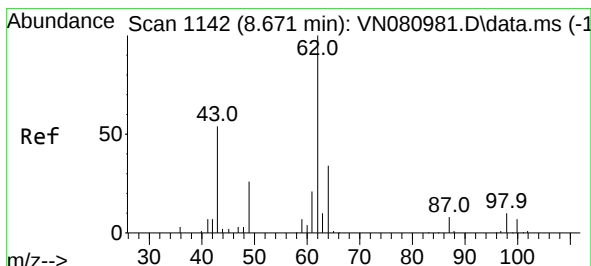
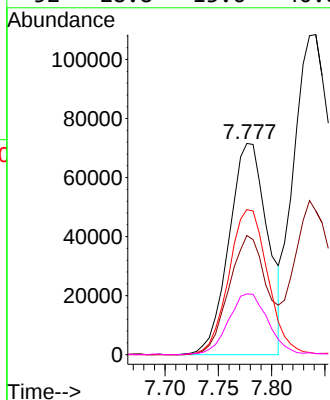
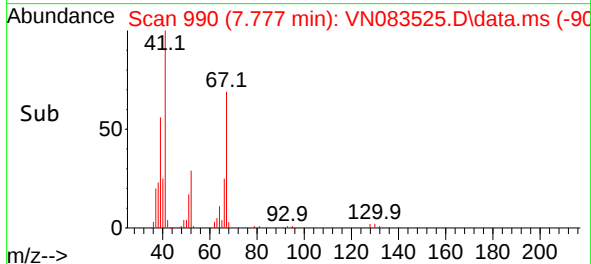
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 180617
Ion Ratio Lower Upper
41 100
39 56.4 25.3 75.9
67 68.8 38.7 116.1
52 28.8 13.6 40.8

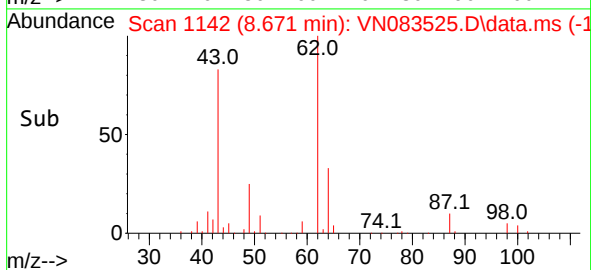
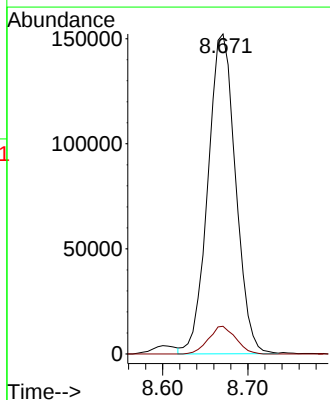
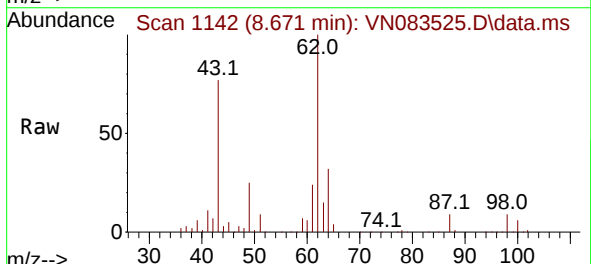
Manual Integrations
APPROVED

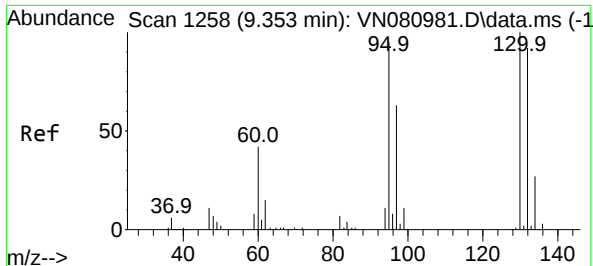
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#36
1,2-Dichloroethane
Concen: 116.259 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 62 Resp: 343558
Ion Ratio Lower Upper
62 100
98 8.5 8.2 12.4





#37

Trichloroethene

Concen: 101.917 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 219740

Ion Ratio Lower Upper

130 100

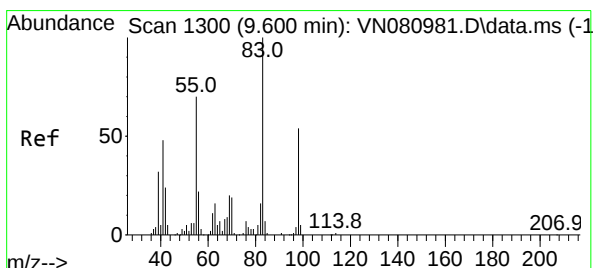
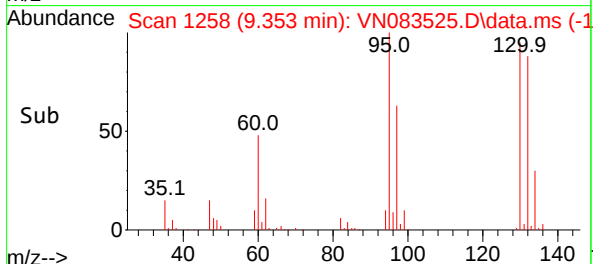
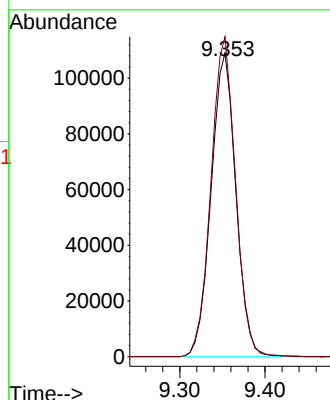
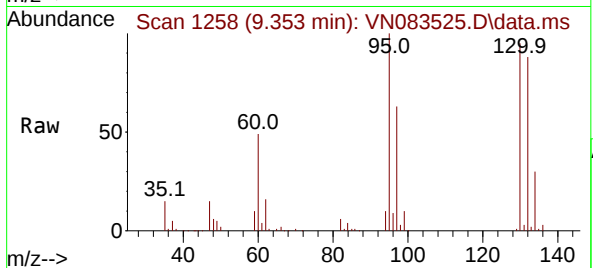
95 105.3 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#38

Methylcyclohexane

Concen: 114.963 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

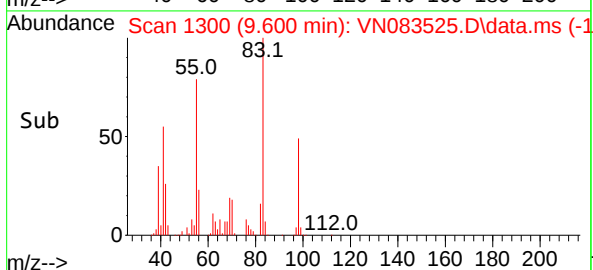
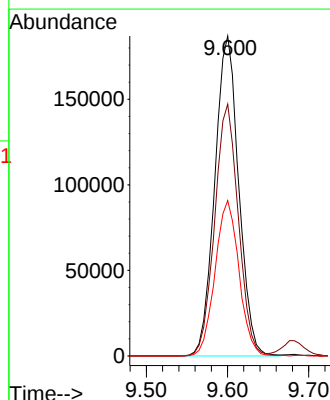
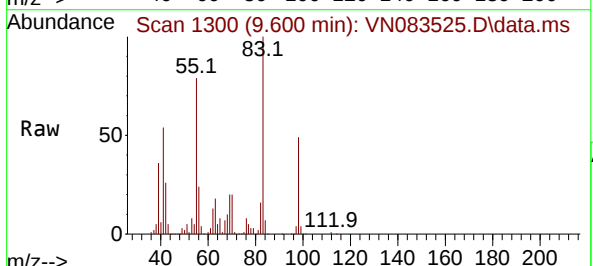
Tgt Ion: 83 Resp: 383217

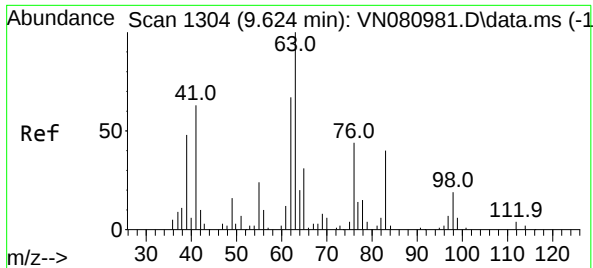
Ion Ratio Lower Upper

83 100

55 77.8 36.6 109.9

98 48.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 99.736 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 225279

Ion Ratio Lower Upper

63 100

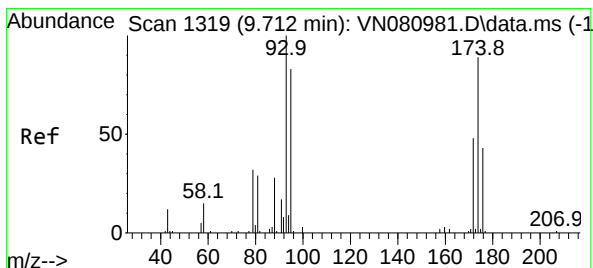
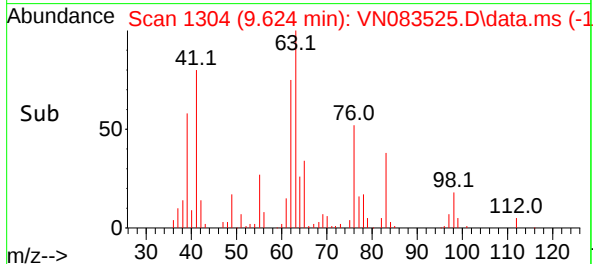
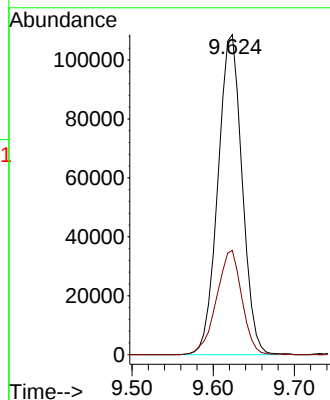
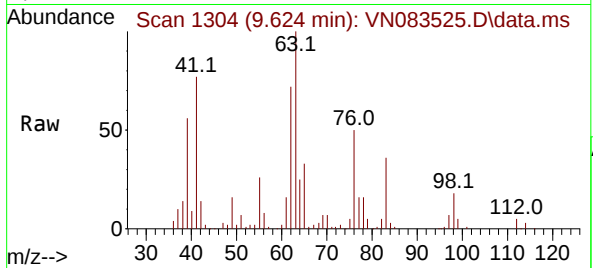
65 32.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#40

Dibromomethane

Concen: 111.721 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

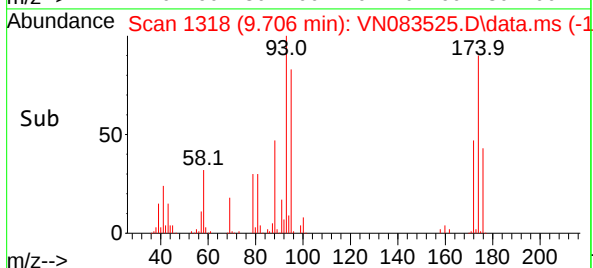
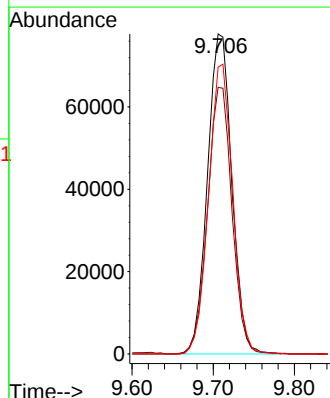
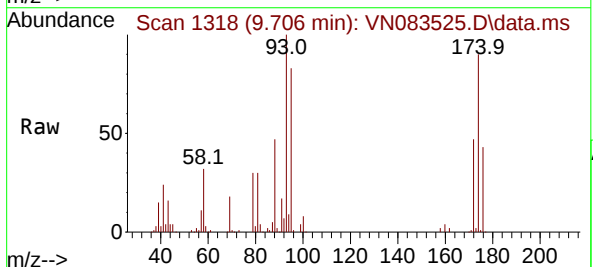
Tgt Ion: 93 Resp: 162116

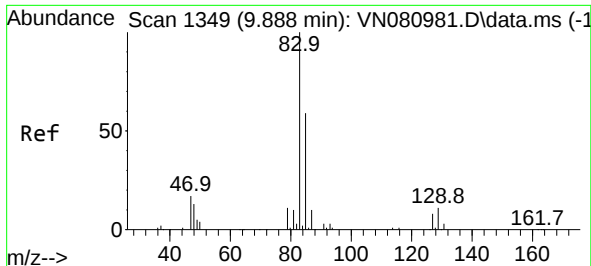
Ion Ratio Lower Upper

93 100

95 83.6 0.0 164.6

174 89.4 0.0 193.2





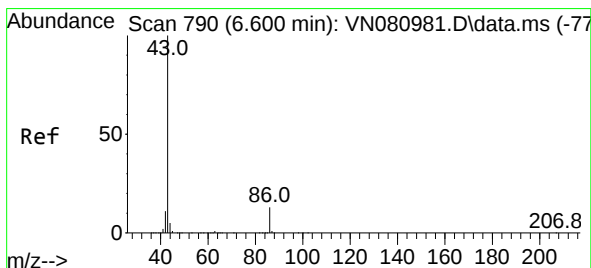
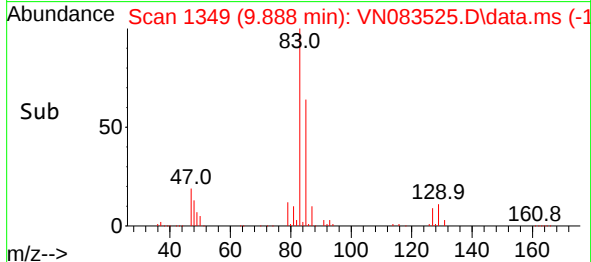
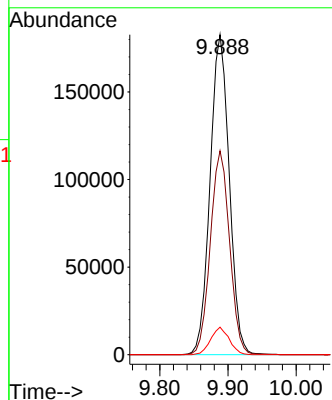
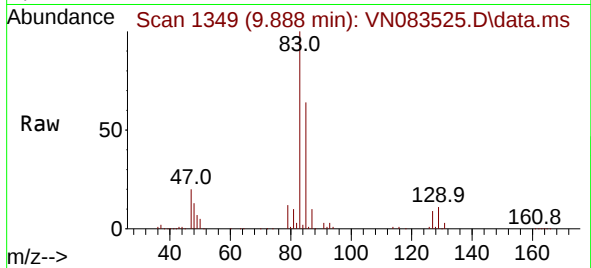
#41
Bromodichloromethane
Concen: 115.416 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 35796
Ion Ratio Lower Upper
83 100
85 63.7 49.4 74.2
127 8.6 7.3 10.9

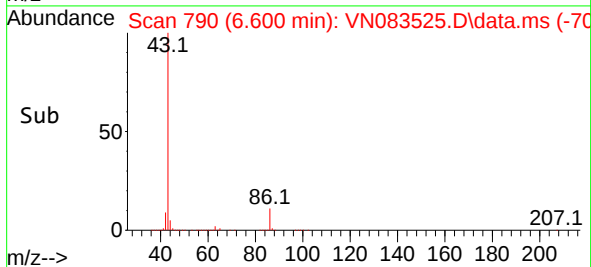
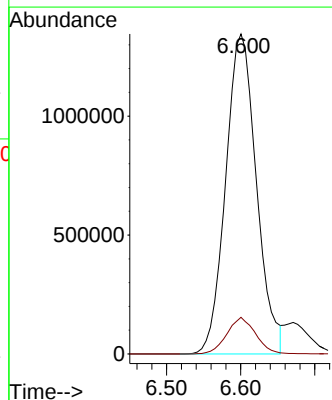
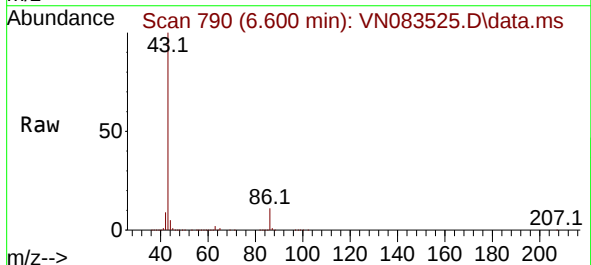
Manual Integrations
APPROVED

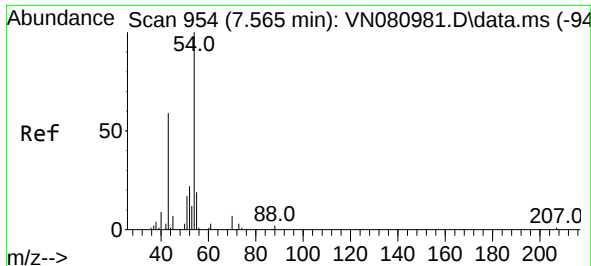
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#42
Vinyl Acetate
Concen: 641.377 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

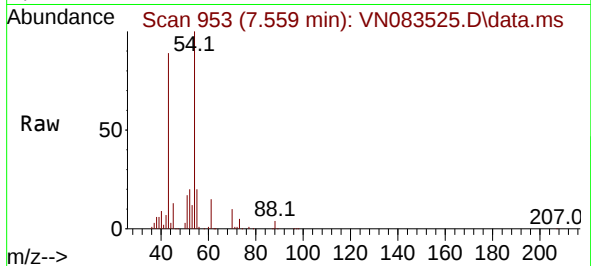
Tgt Ion: 43 Resp: 3882973
Ion Ratio Lower Upper
43 100
86 10.7 9.4 14.2





#43
Ethyl Acetate
Concen: 97.665 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

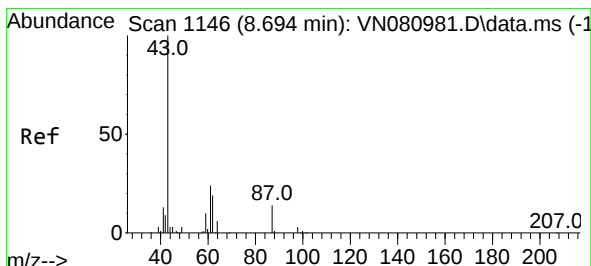
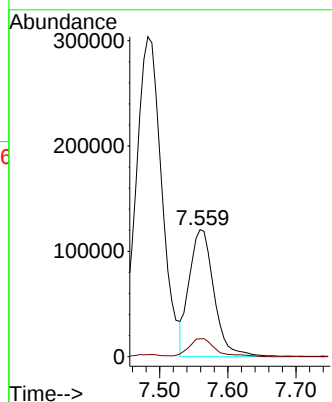
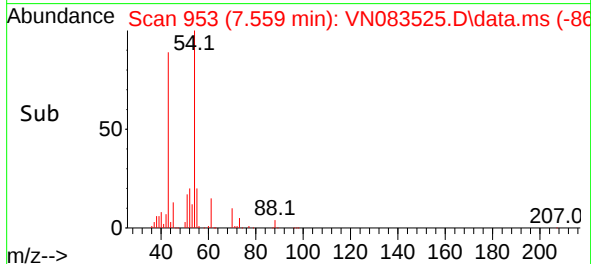
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 303918
Ion Ratio Lower Upper
43 100
45 15.2 10.6 15.8

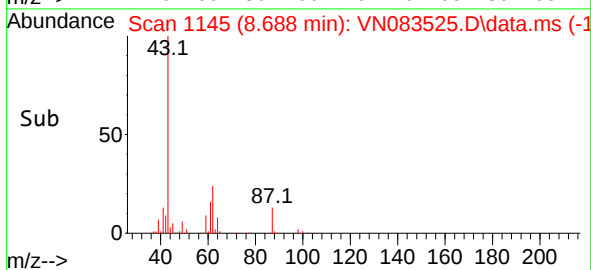
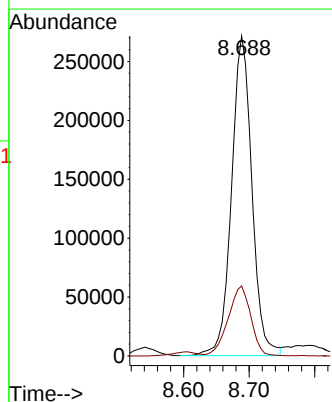
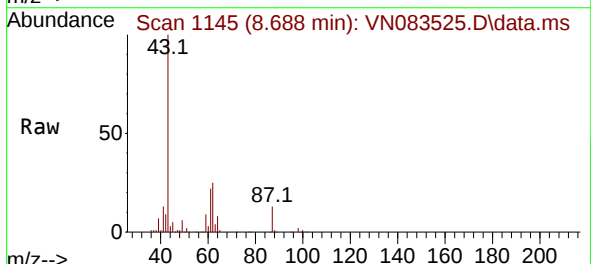
Manual Integrations
APPROVED

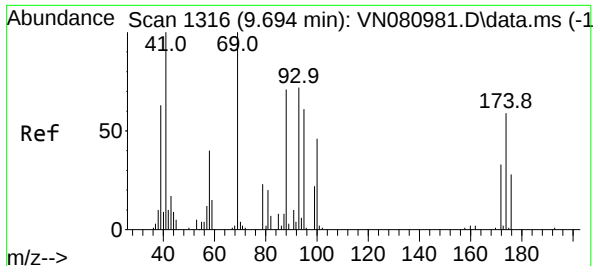
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#44
Isopropyl Acetate
Concen: 106.619 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 43 Resp: 586948
Ion Ratio Lower Upper
43 100
61 24.4 25.0 37.4#





#45

1,4-Dioxane

Concen: 1995.036 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 88089

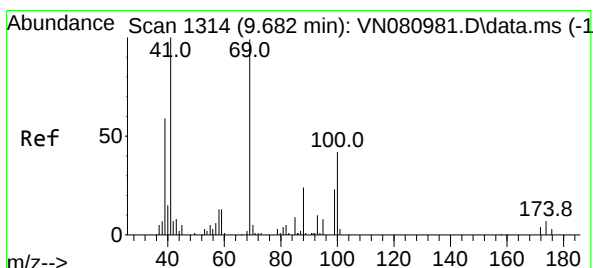
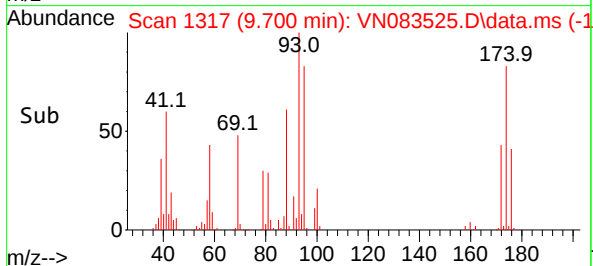
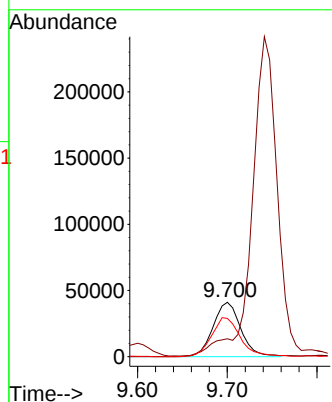
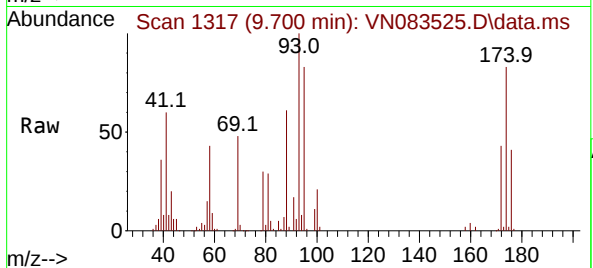
Ion	Ratio	Lower	Upper
88	100		
43	28.0	19.8	29.6
58	74.8	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#46

Methyl methacrylate

Concen: 106.201 ug/l

RT: 9.682 min Scan# 1314

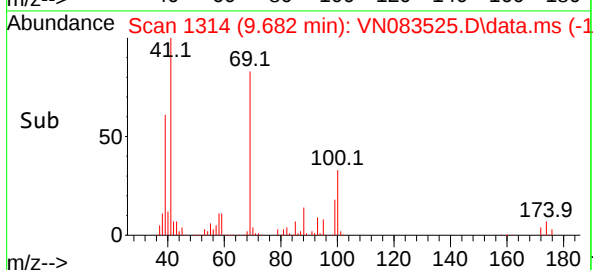
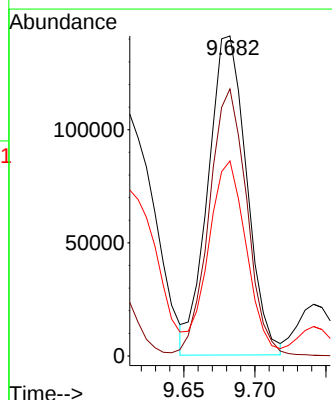
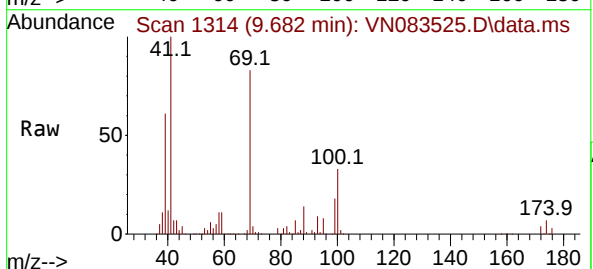
Delta R.T. -0.000 min

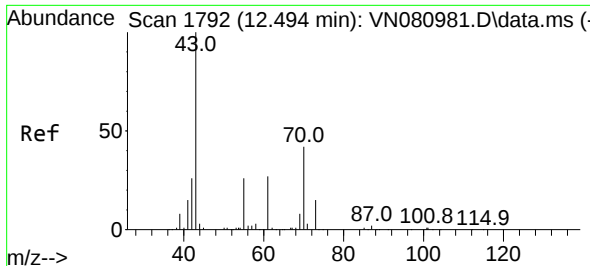
Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Tgt Ion: 41 Resp: 267131

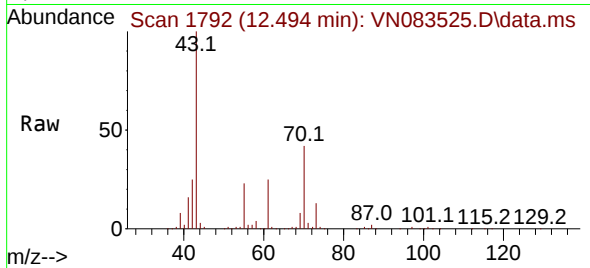
Ion	Ratio	Lower	Upper
41	100		
69	85.2	51.1	153.3
39	61.0	25.8	77.3





#47
n-amy1 Acetate
Concen: 103.166 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

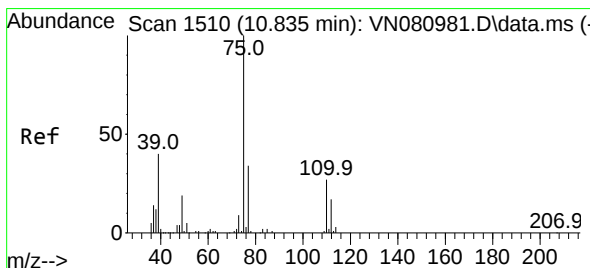
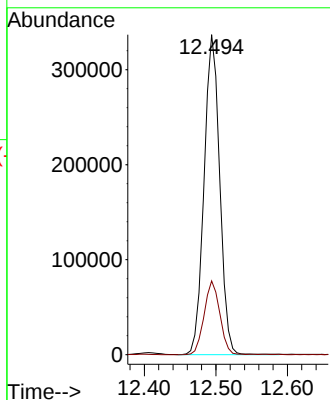
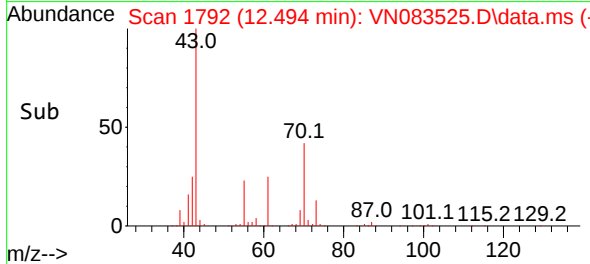
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



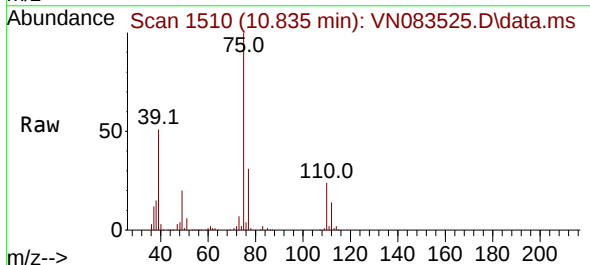
Tgt Ion: 43 Resp: 51216
Ion Ratio Lower Upper
43 100
55 0.2 23.4 35.2

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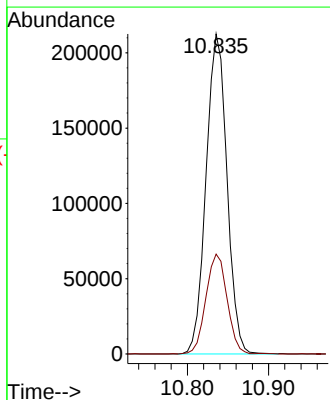
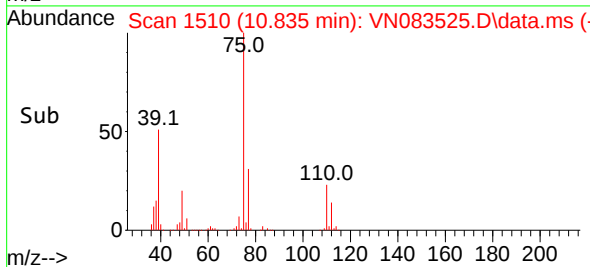
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

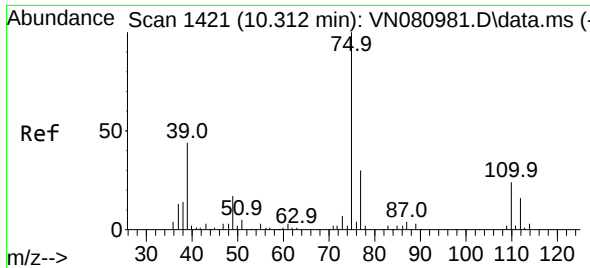


#48
t-1,3-Dichloropropene
Concen: 112.964 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55



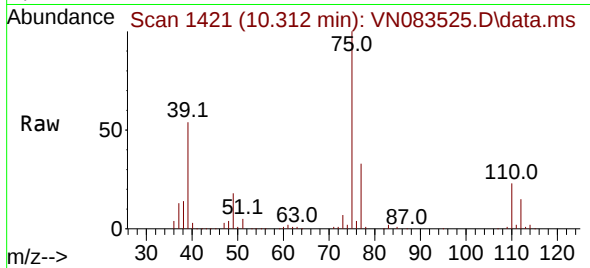
Tgt Ion: 75 Resp: 379936
Ion Ratio Lower Upper
75 100
77 31.2 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 110.134 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083525.D
 Acq: 28 Aug 2024 08:55

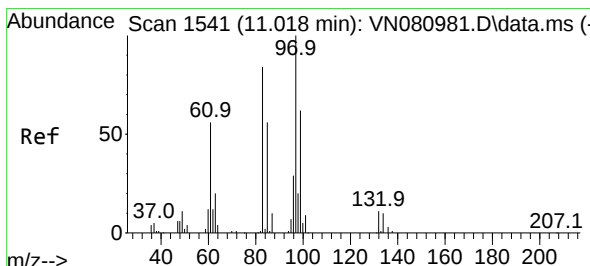
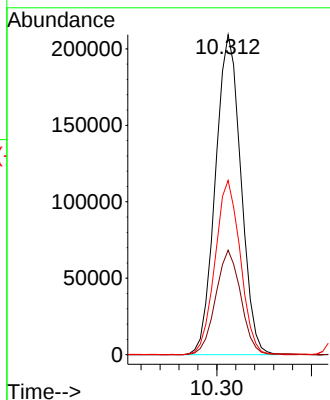
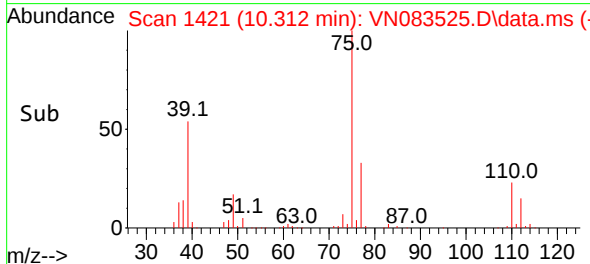
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 391630
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3
 39 54.5 31.0 46.6

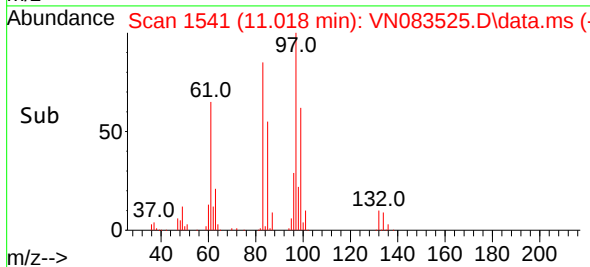
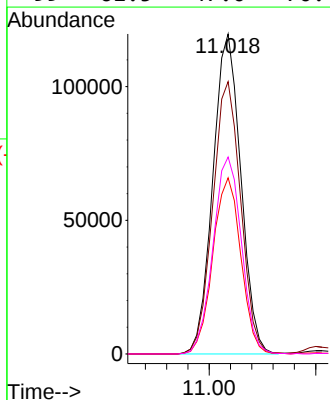
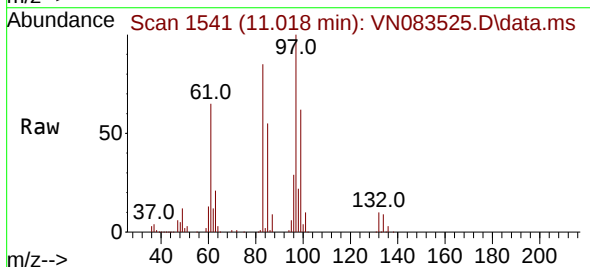
Manual Integrations
 APPROVED

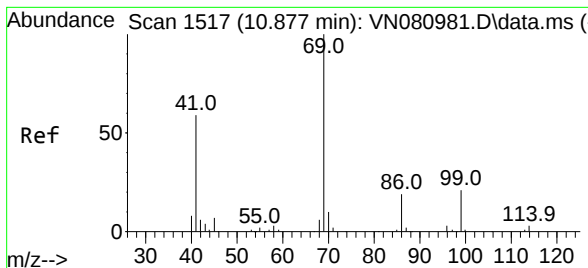
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#50
 1,1,2-Trichloroethane
 Concen: 110.672 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN083525.D
 Acq: 28 Aug 2024 08:55

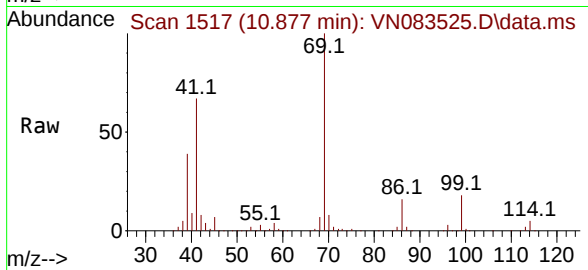
Tgt Ion: 97 Resp: 217876
 Ion Ratio Lower Upper
 97 100
 83 85.1 68.1 102.1
 85 55.0 41.8 62.6
 99 61.5 47.0 70.4





#51
Ethyl methacrylate
Concen: 104.358 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

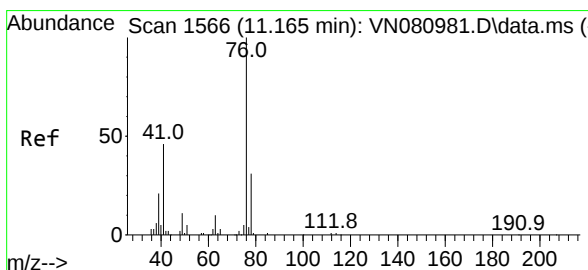
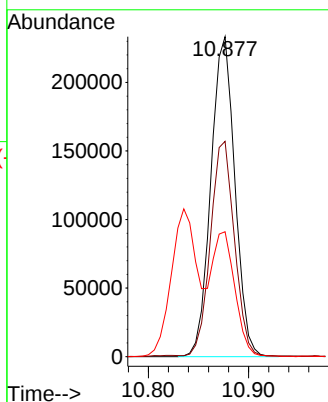
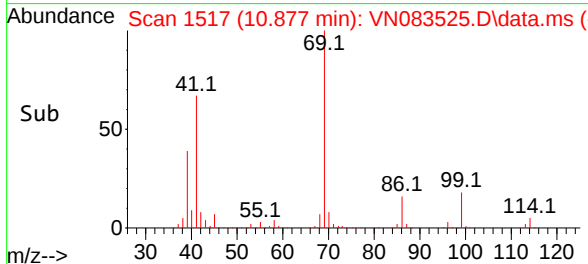
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



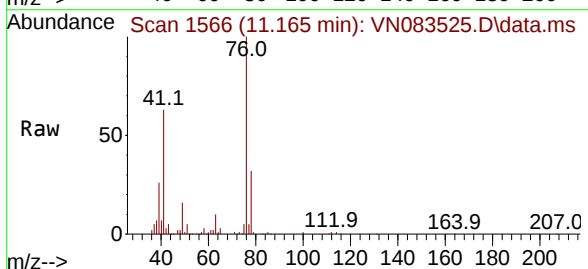
Tgt Ion: 69 Resp: 38774
Ion Ratio Lower Upper
69 100
41 67.1 25.5 76.5
39 38.9 16.0 47.9

Manual Integrations
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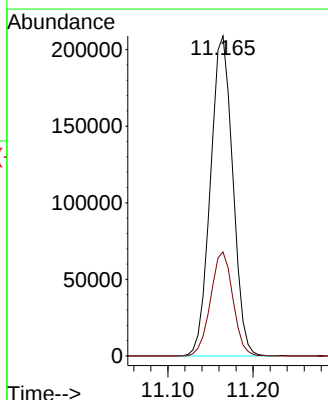
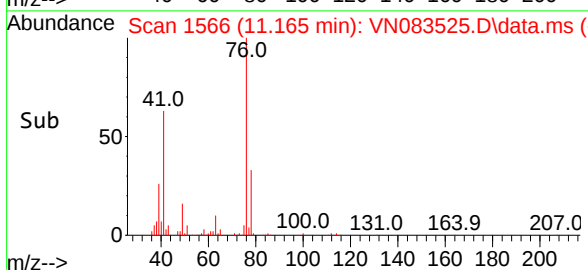
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

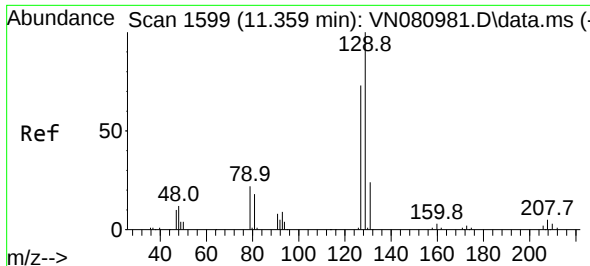


#52
1,3-Dichloropropane
Concen: 105.333 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55



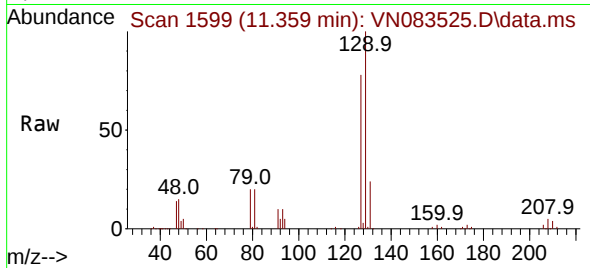
Tgt Ion: 76 Resp: 380976
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.8





#53
Dibromochloromethane
Concen: 121.876 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

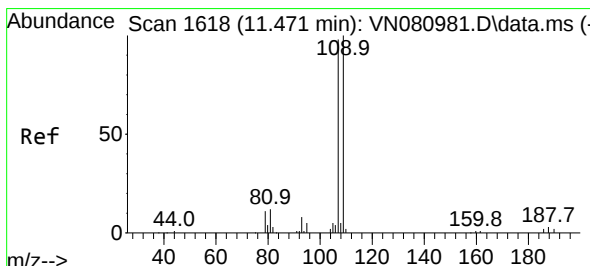
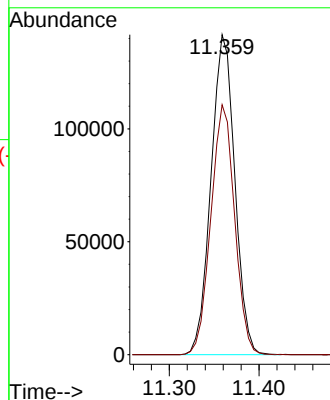
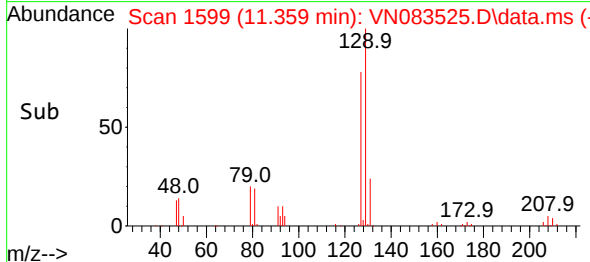
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



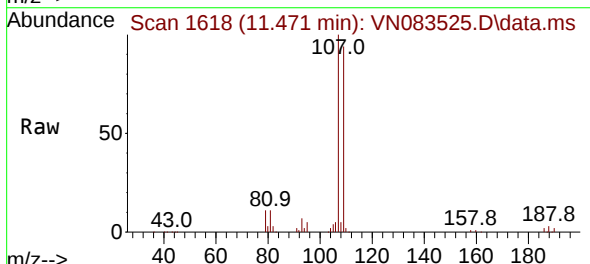
Tgt Ion:129 Resp: 261049
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1

Manual Integrations
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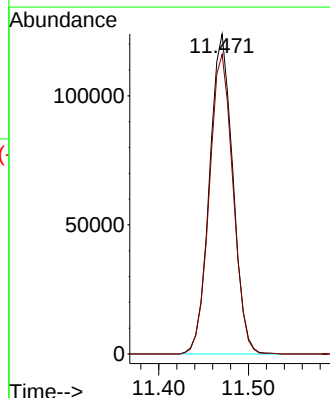
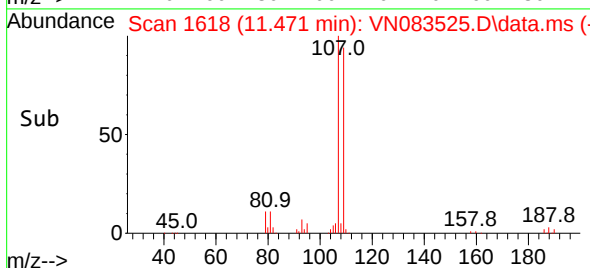
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

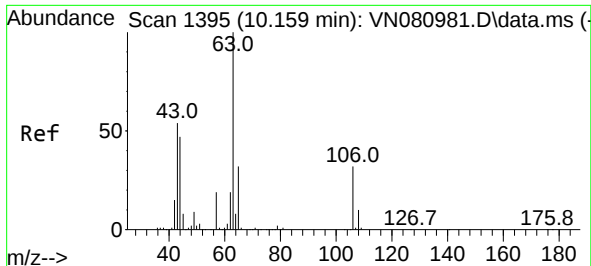


#54
1,2-Dibromoethane
Concen: 113.824 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55



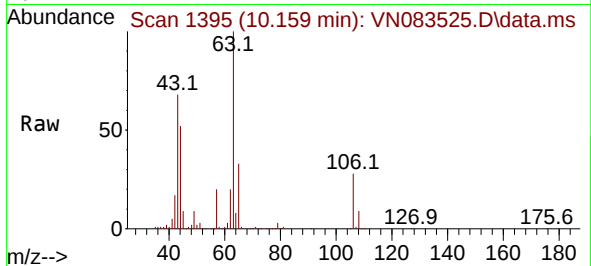
Tgt Ion:107 Resp: 223478
Ion Ratio Lower Upper
107 100
109 95.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 409.271 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

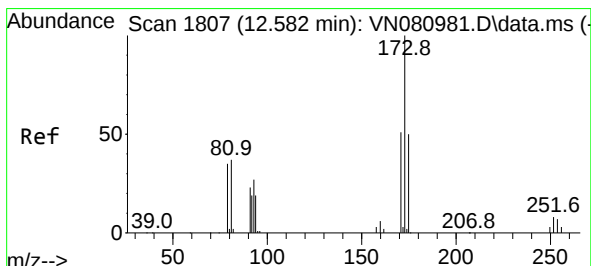
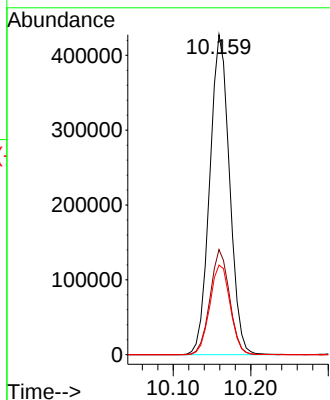
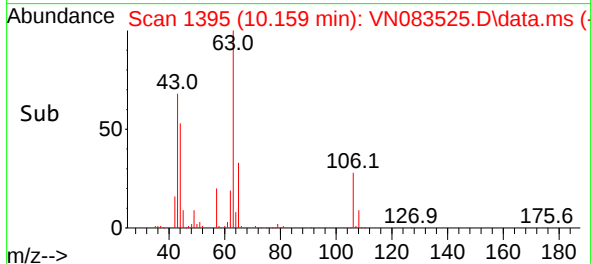
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 760417
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 28.8 23.8 35.8

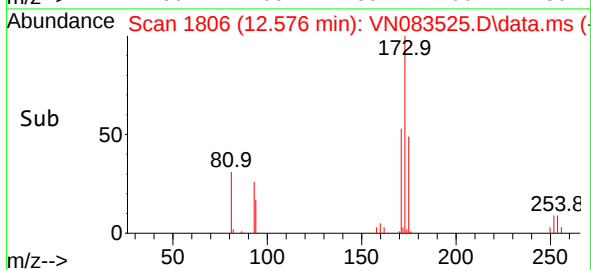
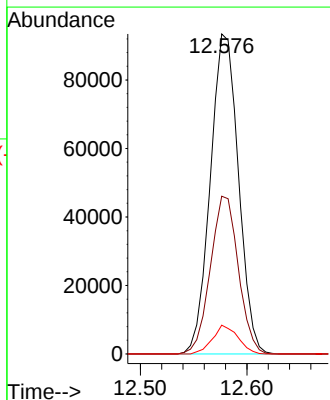
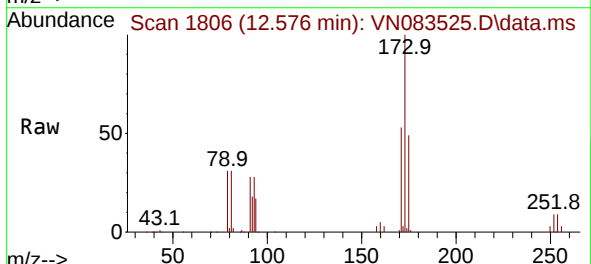
Manual Integrations
APPROVED

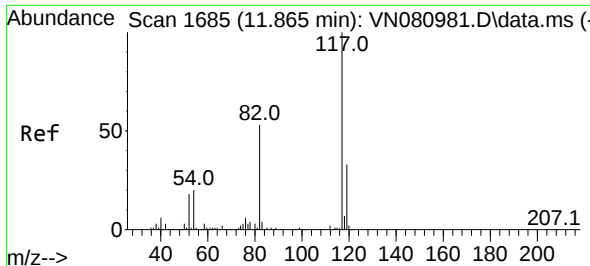
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#56
Bromoform
Concen: 131.425 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

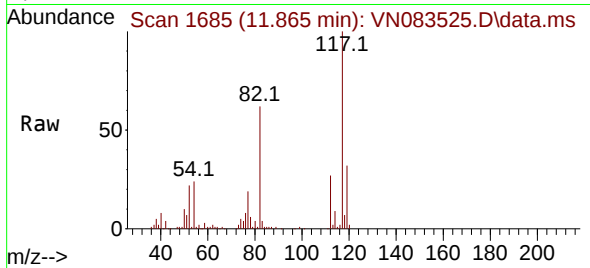
Tgt Ion:173 Resp: 171327
Ion Ratio Lower Upper
173 100
175 48.9 40.0 60.0
254 8.1 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

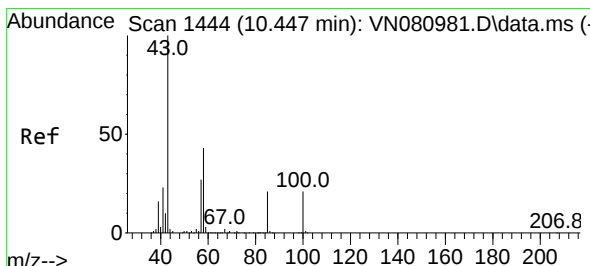
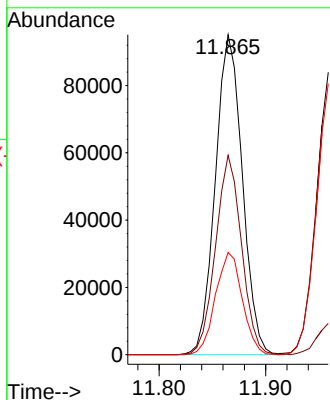
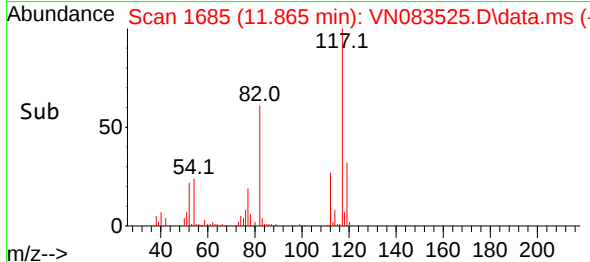
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



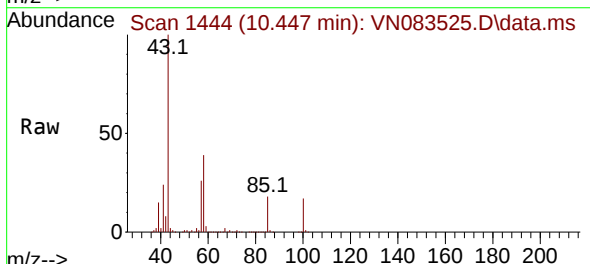
Tgt Ion:117 Resp: 16738
Ion Ratio Lower Upper
117 100
82 60.0 46.6 69.8
119 31.6 25.4 38.2

Manual Integrations
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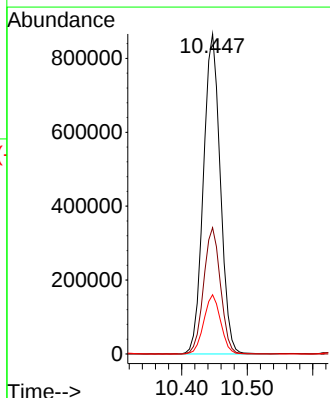
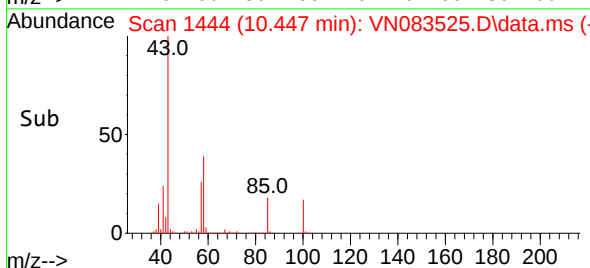
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

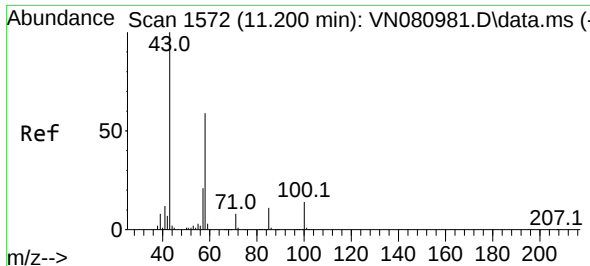


#58
4-Methyl-2-Pentanone
Concen: 477.153 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55



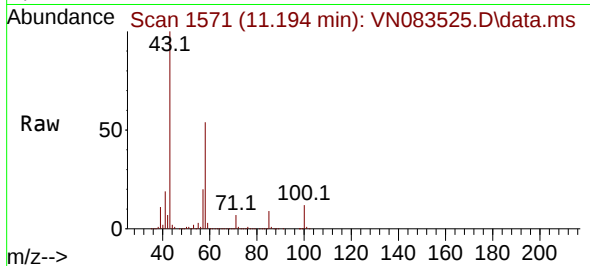
Tgt Ion: 43 Resp: 1550710
Ion Ratio Lower Upper
43 100
58 39.4 36.5 54.7
85 18.4 19.5 29.3





#59
2-Hexanone
Concen: 499.509 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

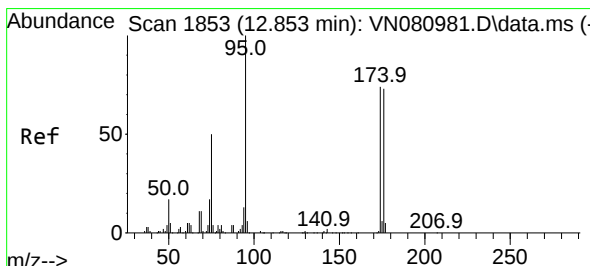
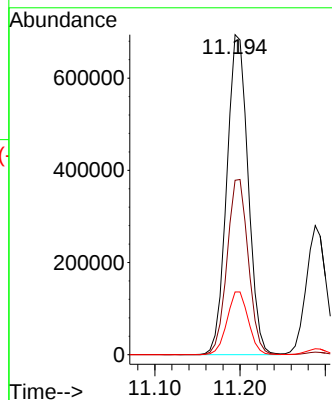
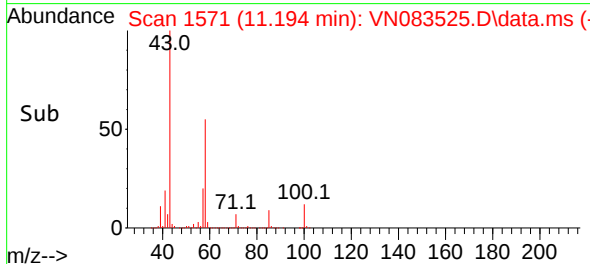
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1203680
Ion Ratio Lower Upper
43 100
58 54.7 50.4 75.6
57 19.6 18.6 27.8

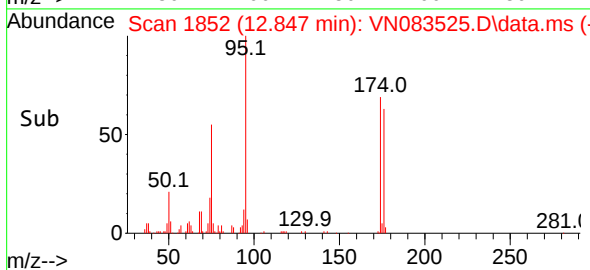
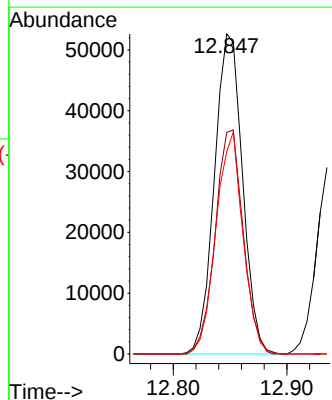
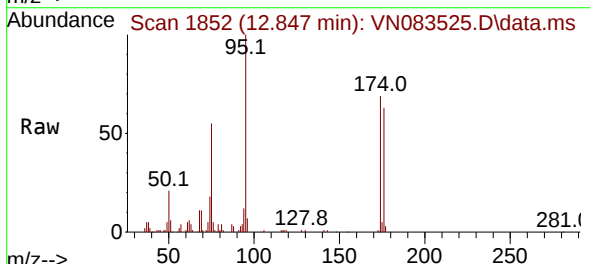
Manual Integrations
APPROVED

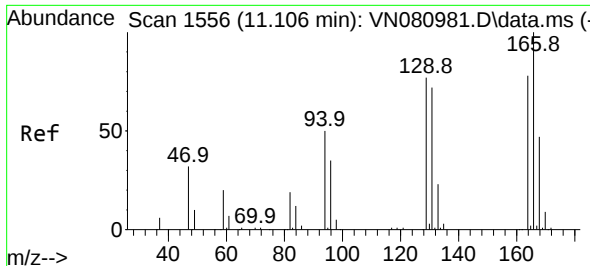
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#60
4-Bromofluorobenzene
Concen: 32.477 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

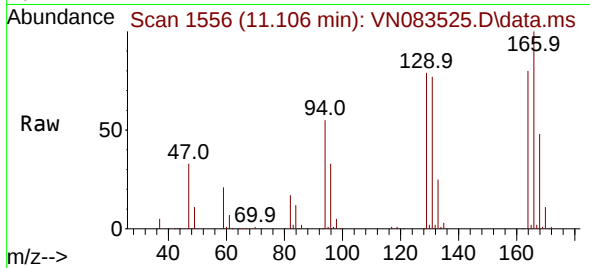
Tgt Ion: 95 Resp: 90470
Ion Ratio Lower Upper
95 100
174 69.6 60.5 90.7
176 66.6 57.8 86.6





#61
Tetrachloroethene
Concen: 100.333 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

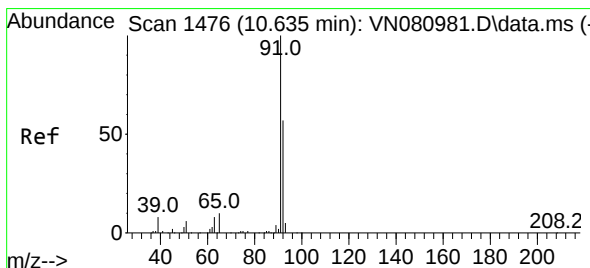
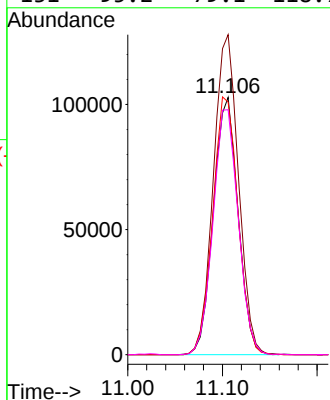
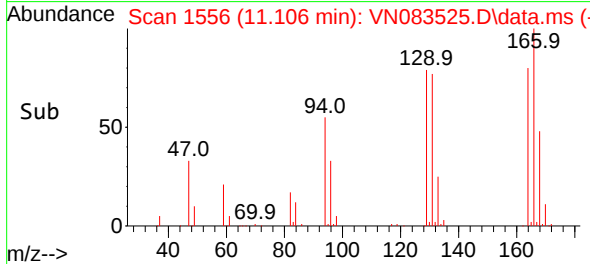
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



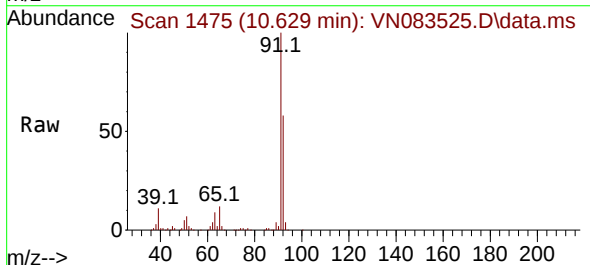
Tgt Ion:164 Resp: 18634
Ion Ratio Lower Upper
164 100
166 124.4 106.7 160.1
129 98.2 85.8 128.6
131 95.2 79.1 118.7

Manual Integrations
APPROVED

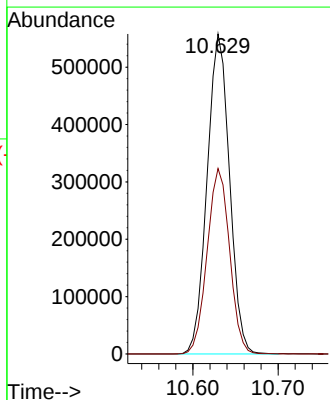
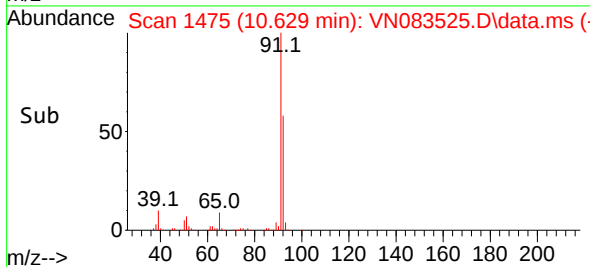
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024

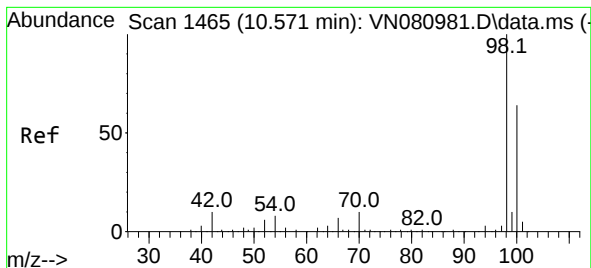


#62
Toluene
Concen: 108.116 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55



Tgt Ion: 91 Resp: 1018225
Ion Ratio Lower Upper
91 100
92 58.1 46.5 69.7





#63

Toluene-d8

Concen: 28.952 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 98 Resp: 230145

Ion Ratio Lower Upper

98 100

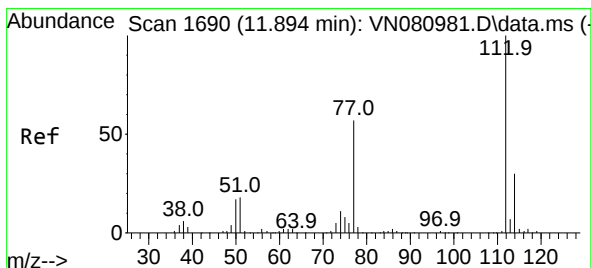
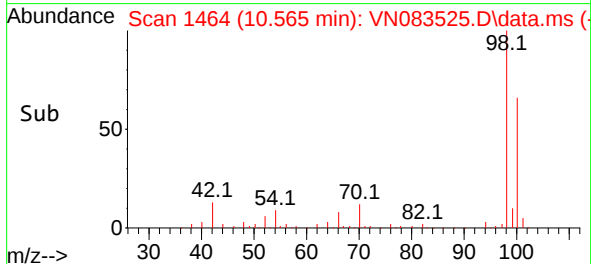
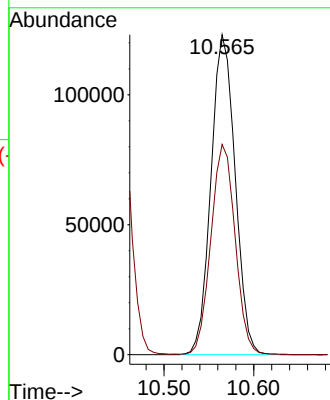
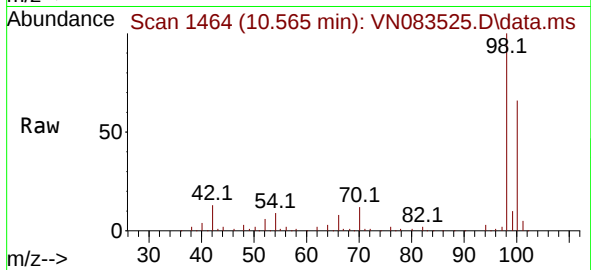
100 66.0 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#64

Chlorobenzene

Concen: 108.854 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN083525.D

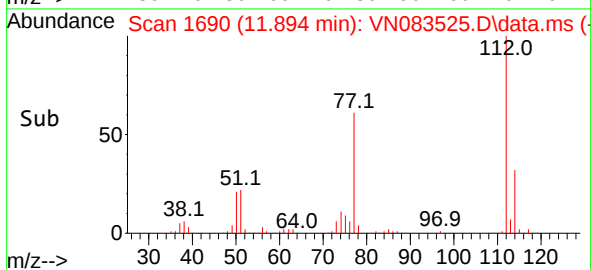
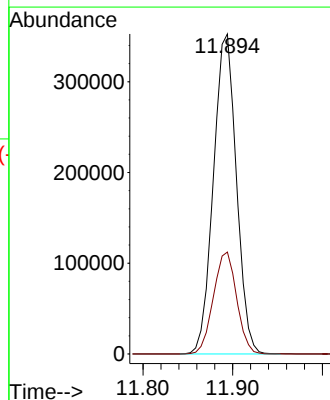
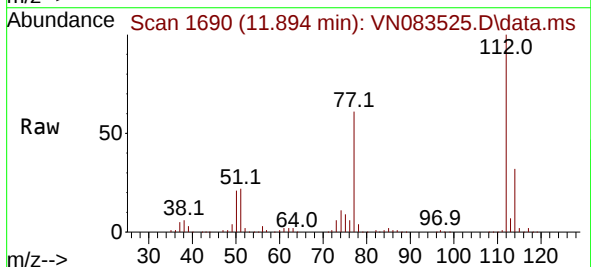
Acq: 28 Aug 2024 08:55

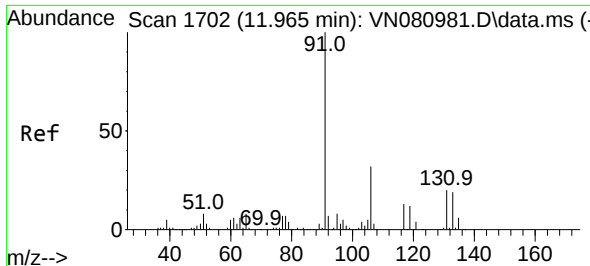
Tgt Ion:112 Resp: 627041

Ion Ratio Lower Upper

112 100

114 31.8 26.6 39.8





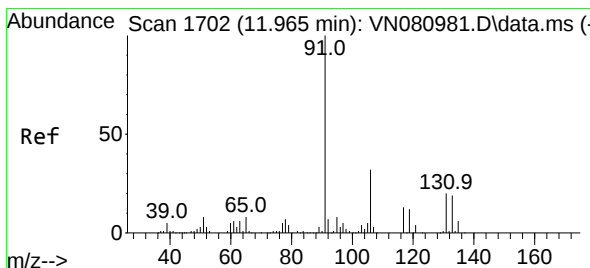
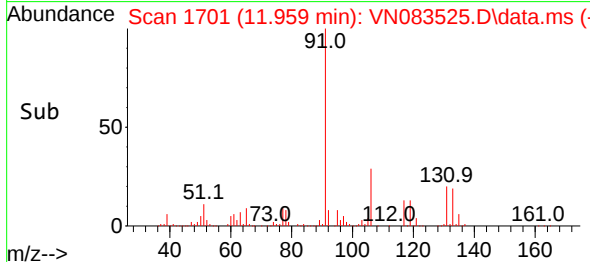
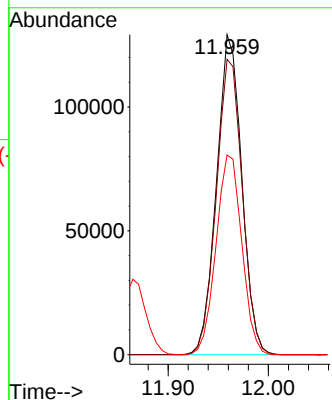
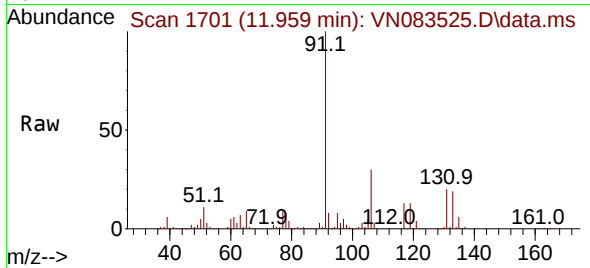
#65
1,1,1,2-Tetrachloroethane
Concen: 119.681 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 22564
Ion Ratio Lower Upper
131 100
133 95.2 0.0 188.0
119 63.9 0.0 122.8

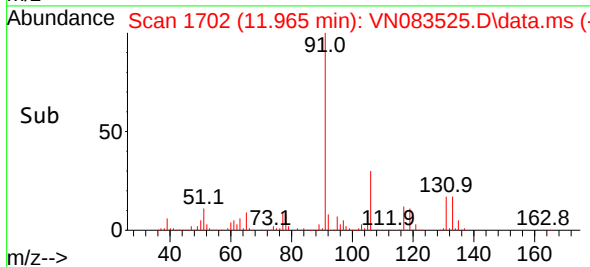
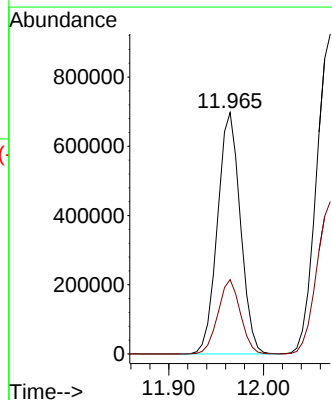
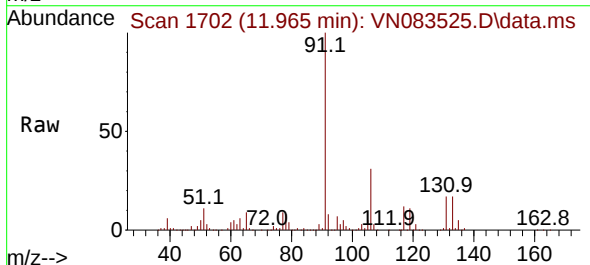
Manual Integrations
APPROVED

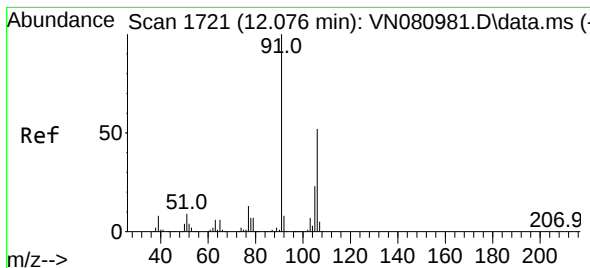
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#66
Ethyl Benzene
Concen: 113.459 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 91 Resp: 1171267
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6





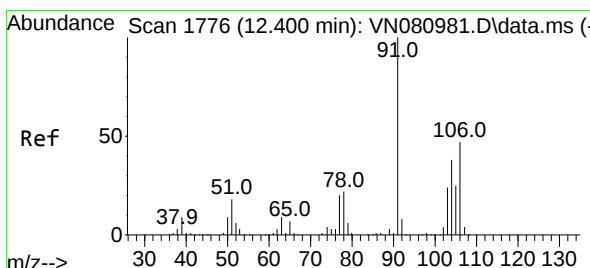
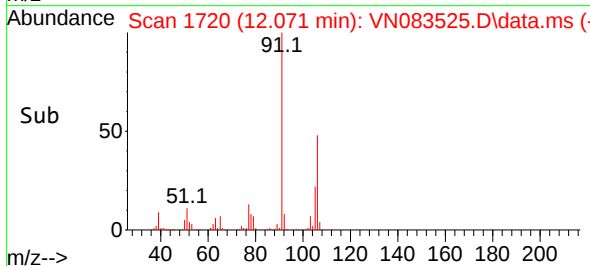
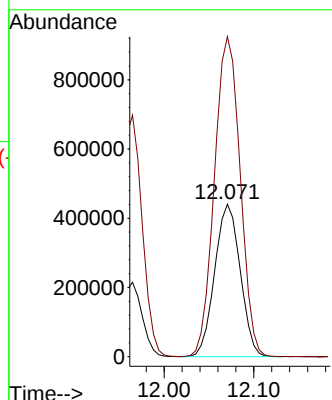
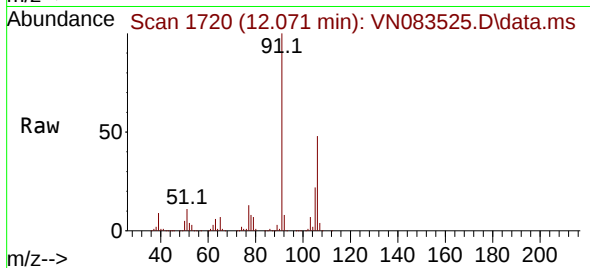
#67
m/p-Xylenes
Concen: 226.971 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 868732
Ion Ratio Lower Upper
106 100
91 212.4 166.6 249.8

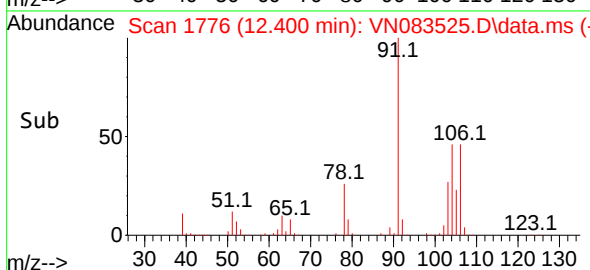
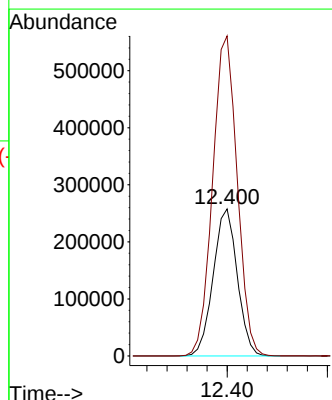
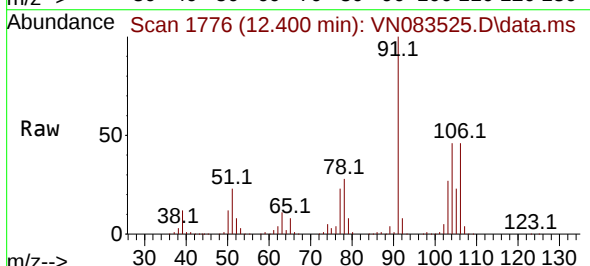
Manual Integrations
APPROVED

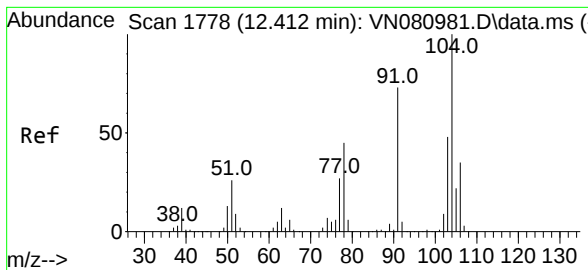
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#68
o-Xylene
Concen: 113.465 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion:106 Resp: 429676
Ion Ratio Lower Upper
106 100
91 222.1 110.0 330.0





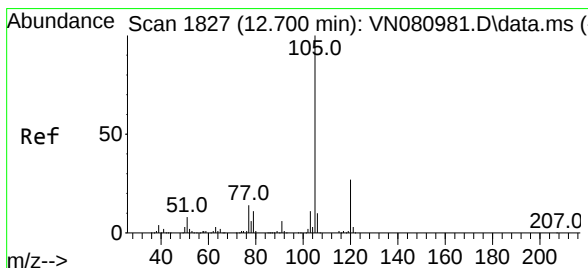
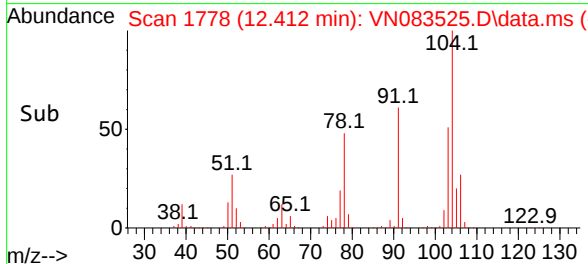
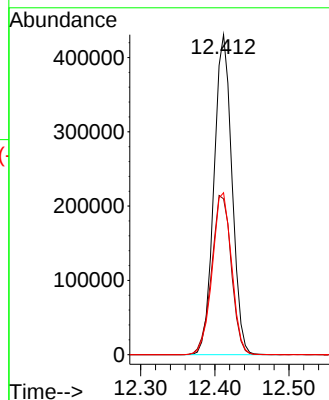
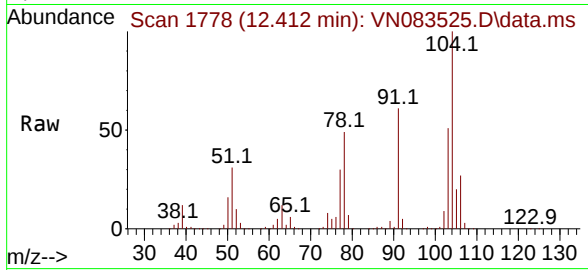
#69
Styrene
Concen: 114.123 ug/l
RT: 12.412 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:104 Resp: 72546
Ion Ratio Lower Upper
104 100
78 54.5 42.6 64.0
103 54.3 43.7 65.5

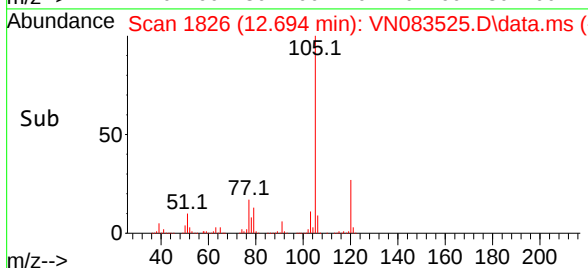
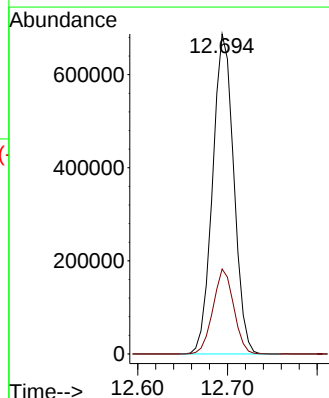
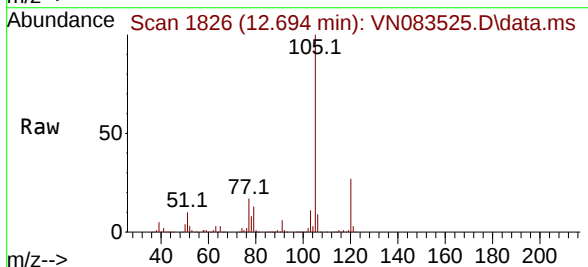
Manual Integrations
APPROVED

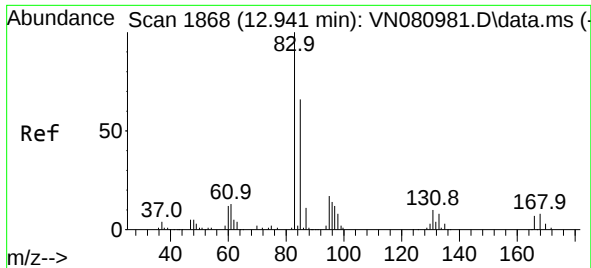
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#70
Isopropylbenzene
Concen: 117.079 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

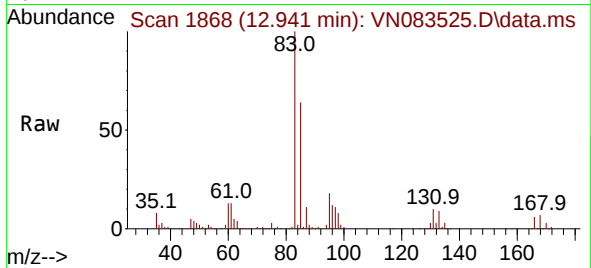
Tgt Ion:105 Resp: 1126016
Ion Ratio Lower Upper
105 100
120 25.9 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 117.553 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

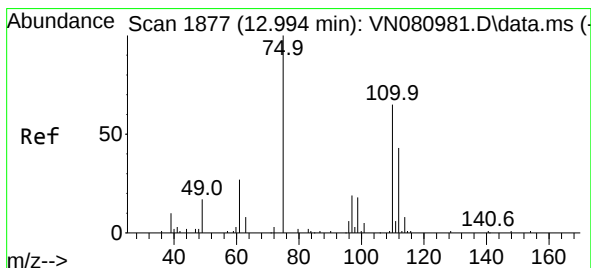
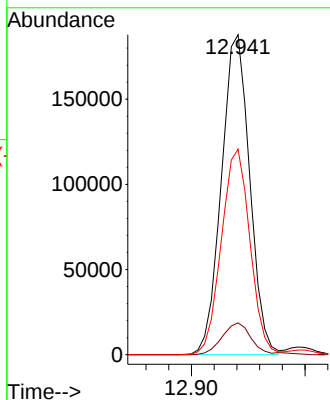
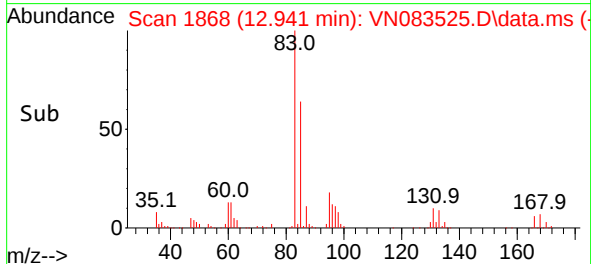
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 325349
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 64.8 32.3 96.8

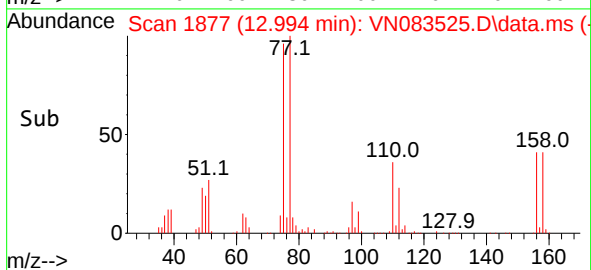
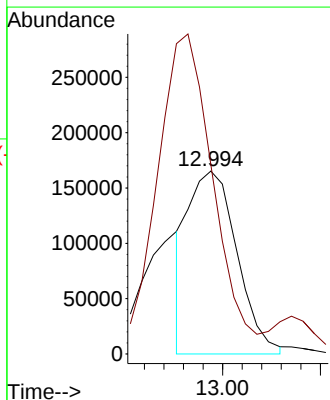
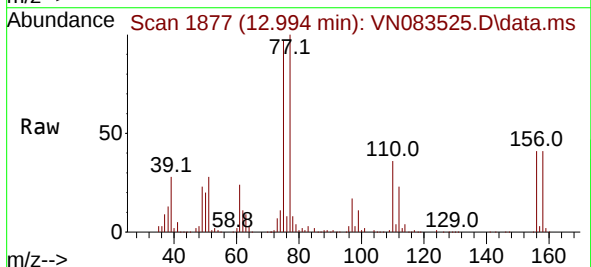
Manual Integrations
APPROVED

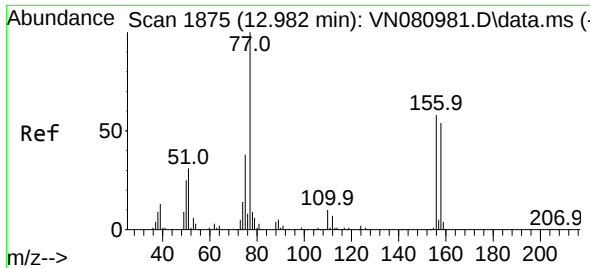
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#72
1,2,3-Trichloropropane
Concen: 126.496 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 75 Resp: 286472
Ion Ratio Lower Upper
75 100
77 201.2 0.0 367.6





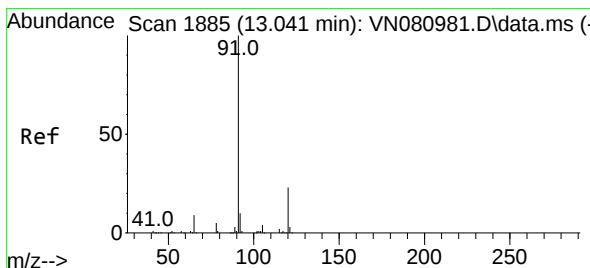
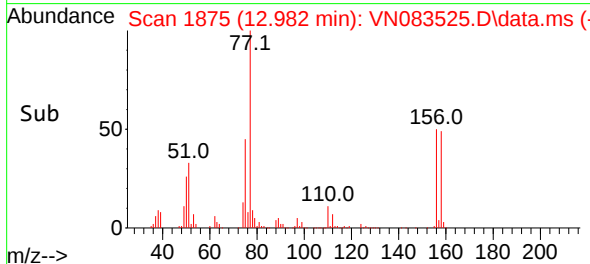
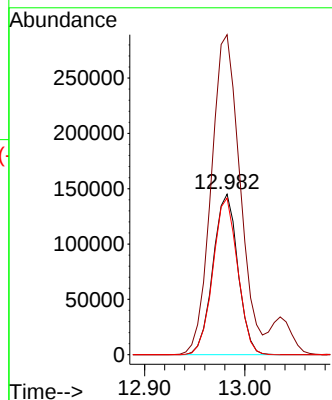
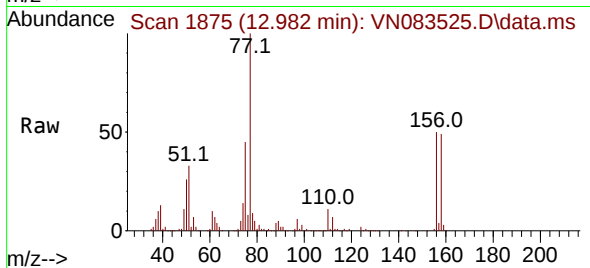
#73
Bromobenzene
Concen: 121.315 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 249759
Ion Ratio Lower Upper
156 100
77 230.8 0.0 437.6
158 97.0 0.0 203.8

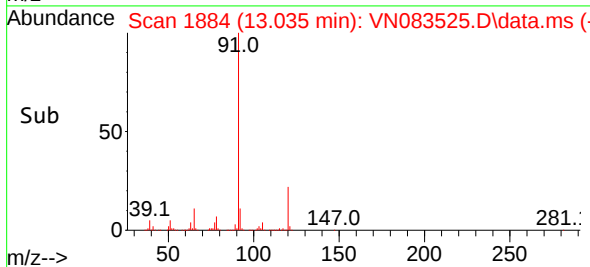
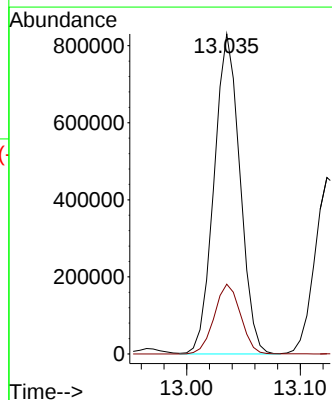
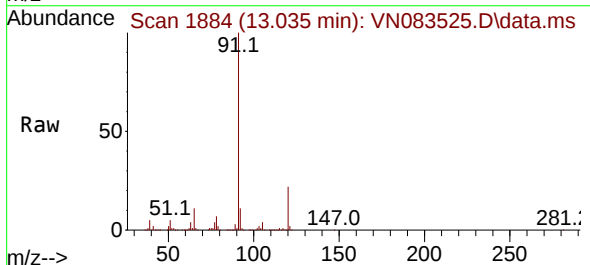
Manual Integrations
APPROVED

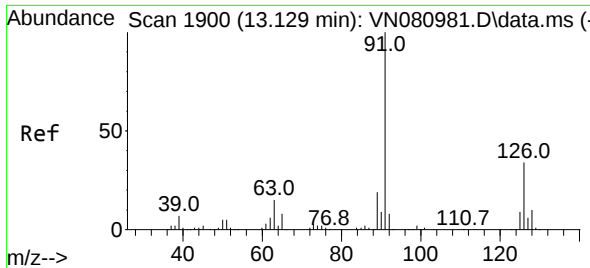
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#74
n-propylbenzene
Concen: 115.813 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 91 Resp: 1315046
Ion Ratio Lower Upper
91 100
120 22.1 0.0 43.8





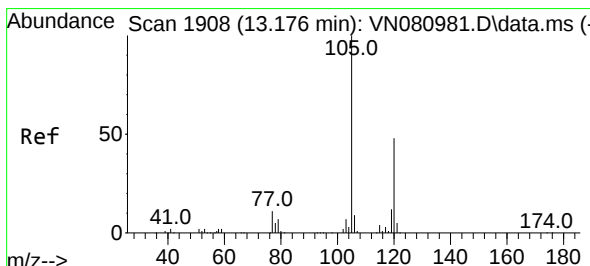
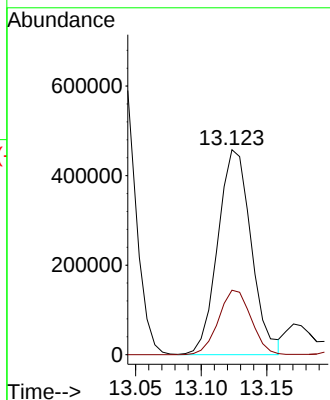
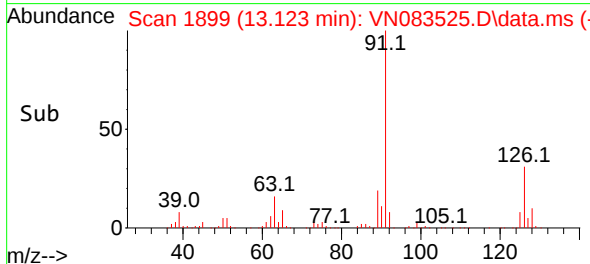
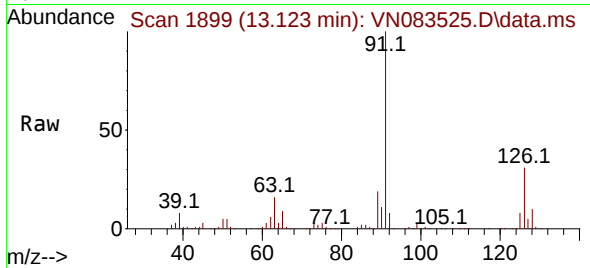
#75
2-Chlorotoluene
Concen: 115.758 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 81256
Ion Ratio Lower Upper
91 100
126 30.6 0.0 61.2

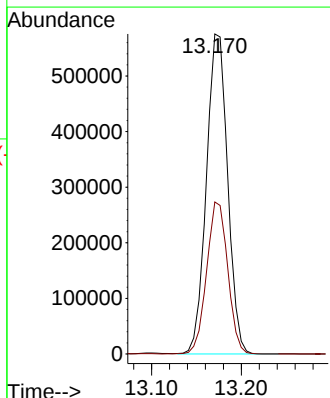
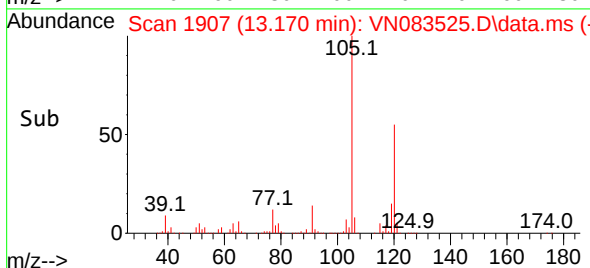
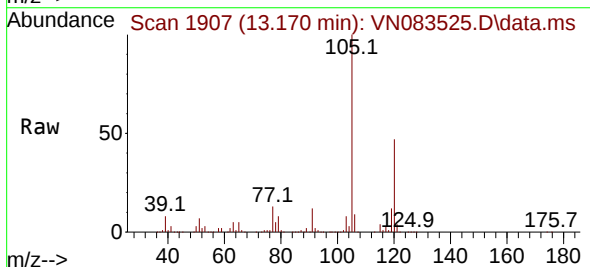
Manual Integrations
APPROVED

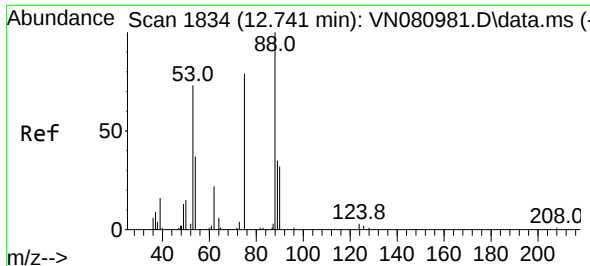
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 121.567 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

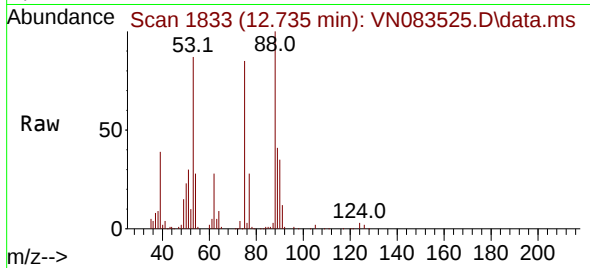
Tgt Ion:105 Resp: 946371
Ion Ratio Lower Upper
105 100
120 47.2 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 111.244 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

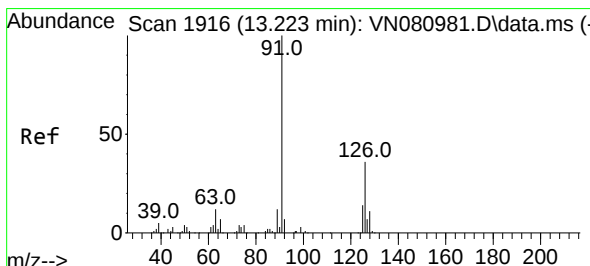
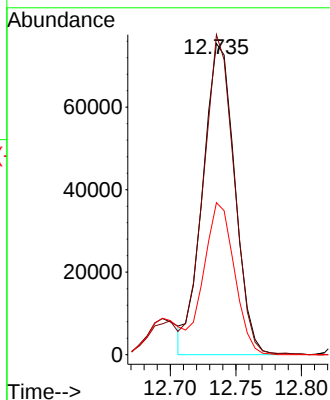
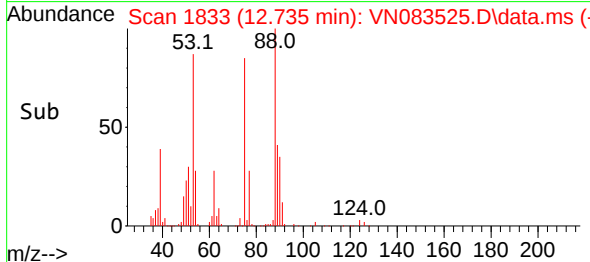
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 12818
Ion Ratio Lower Upper
75 100
53 102.7 45.9 137.7
89 49.0 25.9 77.7

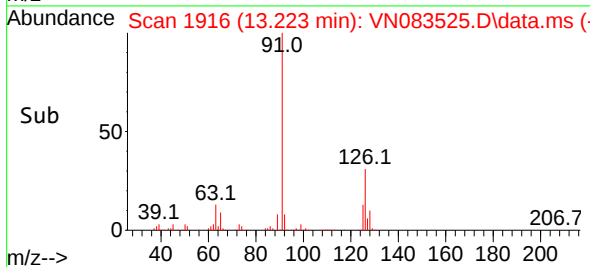
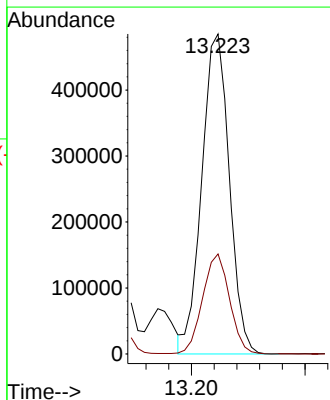
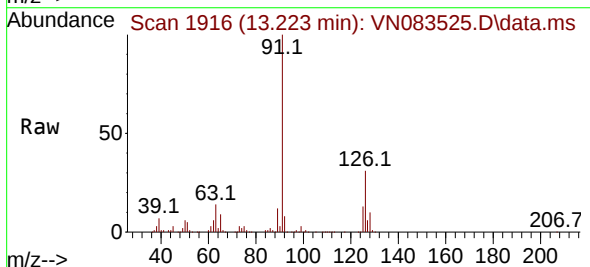
Manual Integrations
APPROVED

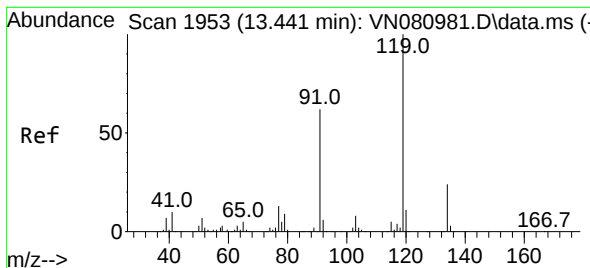
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#78
4-Chlorotoluene
Concen: 118.697 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 91 Resp: 816262
Ion Ratio Lower Upper
91 100
126 30.5 0.0 62.8





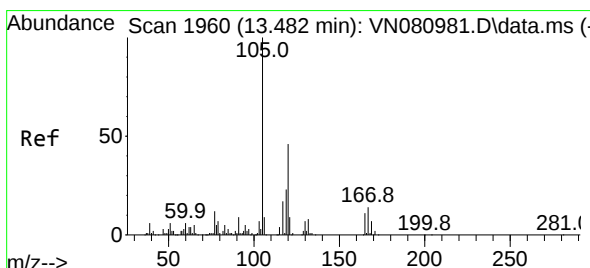
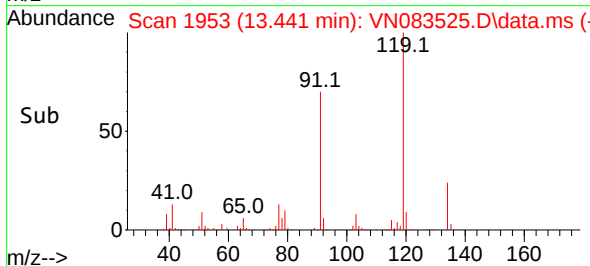
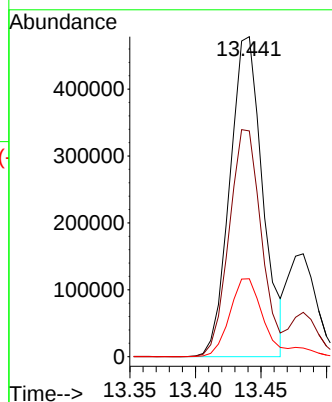
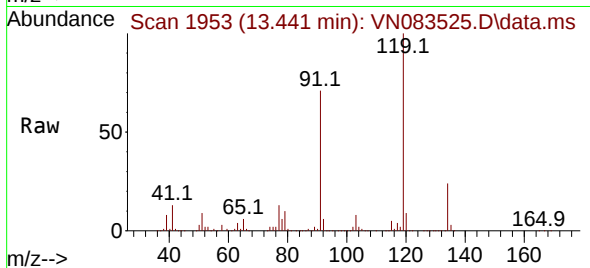
#79
tert-butylbenzene
Concen: 124.413 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 833900
Ion Ratio Lower Upper
119 100
91 69.7 0.0 138.8
134 24.5 0.0 48.6

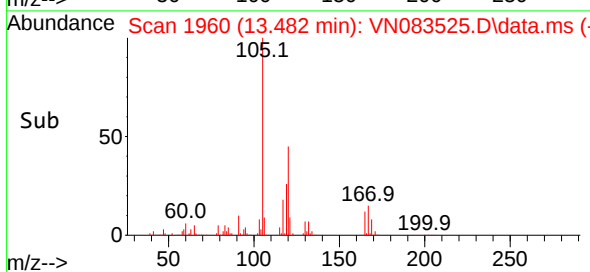
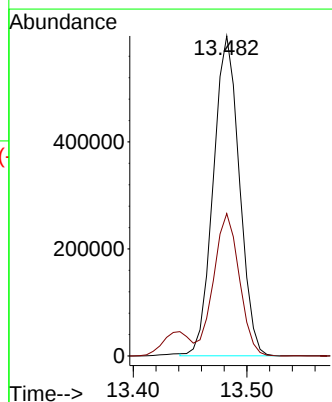
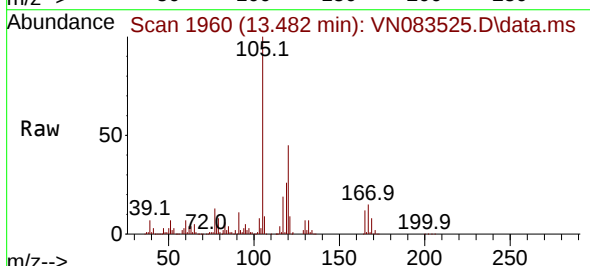
Manual Integrations
APPROVED

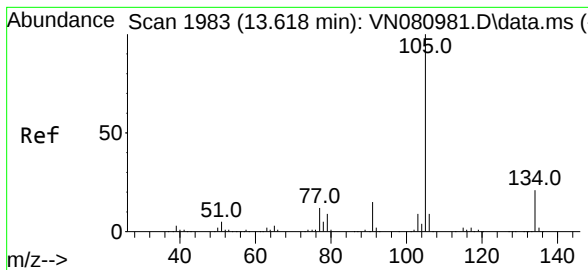
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 121.784 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion:105 Resp: 952291
Ion Ratio Lower Upper
105 100
120 44.1 0.0 86.8





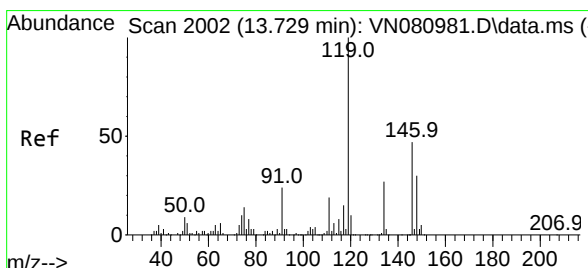
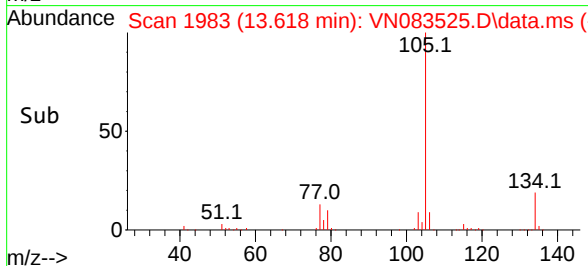
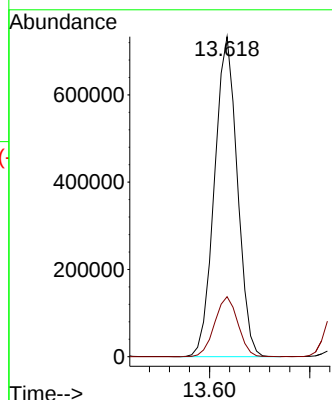
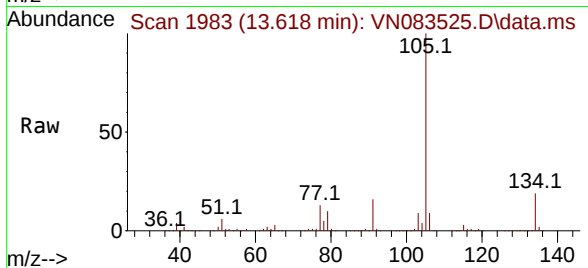
#81
 sec-Butylbenzene
 Concen: 123.501 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083525.D
 Acq: 28 Aug 2024 08:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 116035
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.0

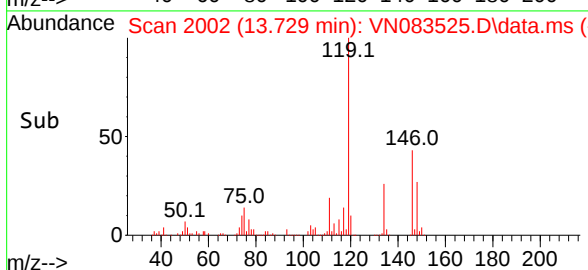
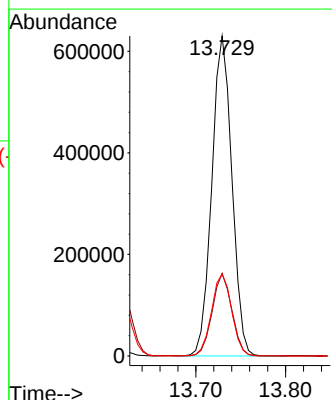
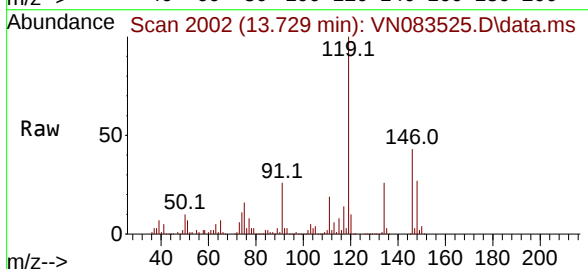
Manual Integrations
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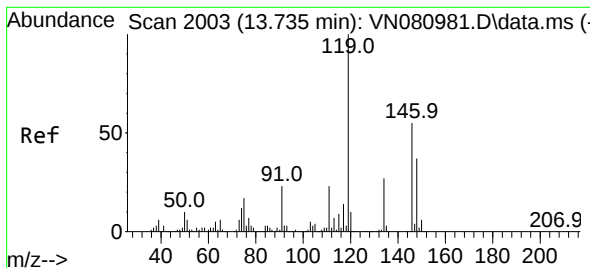
Reviewed By :John Carlone 08/28/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#82
 p-Isopropyltoluene
 Concen: 131.885 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083525.D
 Acq: 28 Aug 2024 08:55

Tgt Ion:119 Resp: 979839
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 49.2
 91 25.6 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 130.408 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 48343

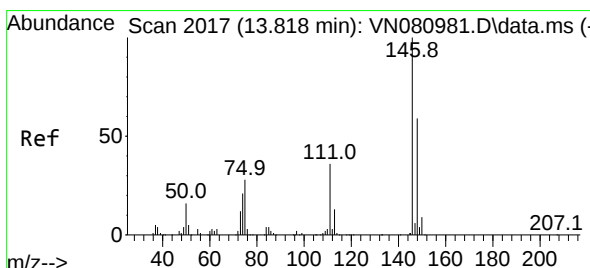
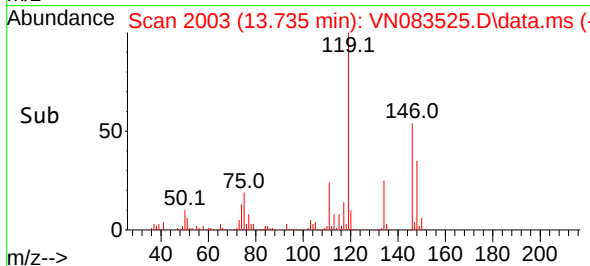
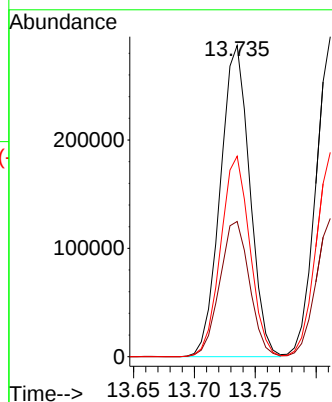
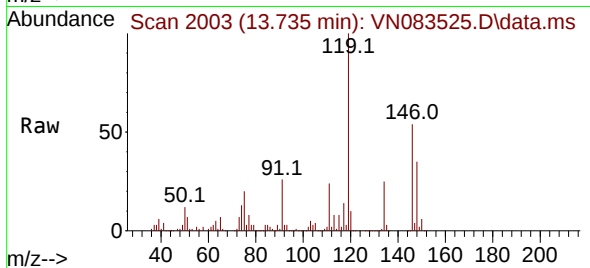
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.4	67.0
148	63.7	32.1	96.5

Manual Integrations

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Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#84

1,4-Dichlorobenzene

Concen: 131.329 ug/l

RT: 13.812 min Scan# 2016

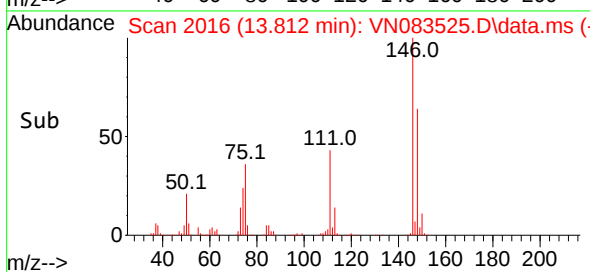
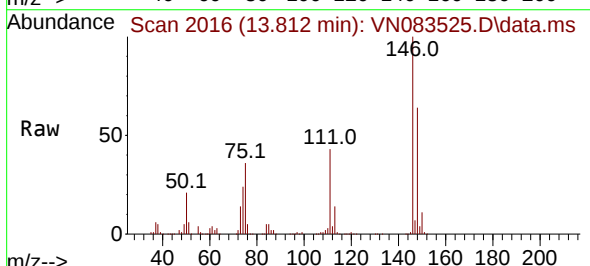
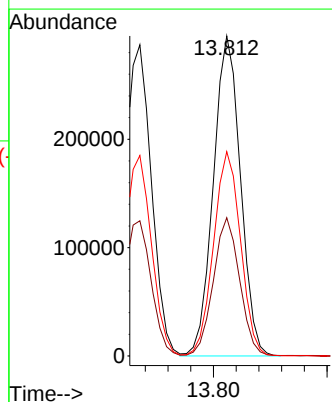
Delta R.T. -0.006 min

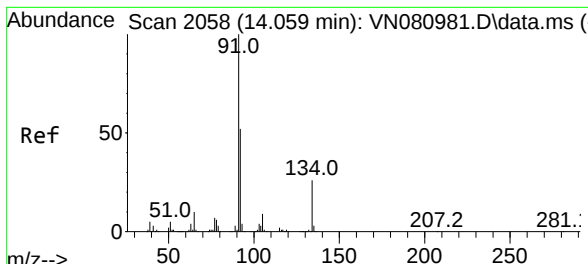
Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Tgt Ion:146 Resp: 489333

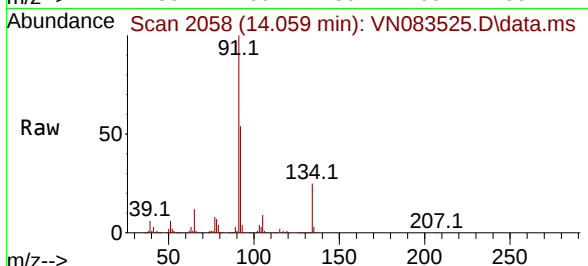
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.9
148	63.7	31.9	95.5





#85
n-Butylbenzene
Concen: 127.948 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

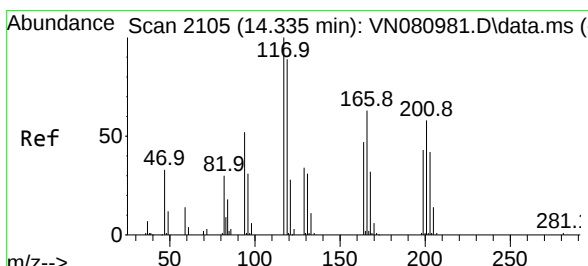
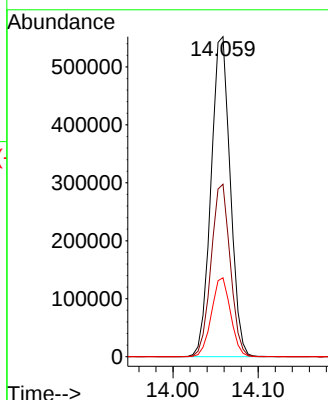
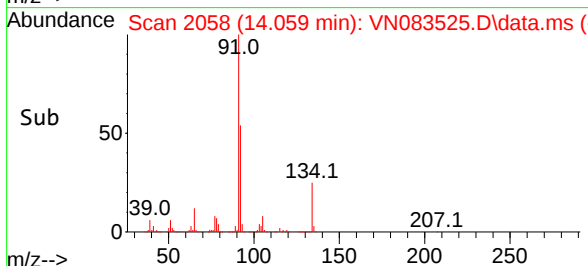
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 868300
Ion Ratio Lower Upper
91 100
92 53.6 0.0 105.0
134 24.4 0.0 51.8

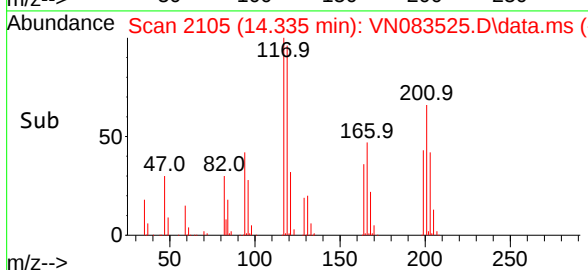
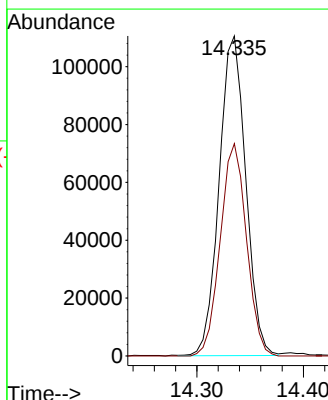
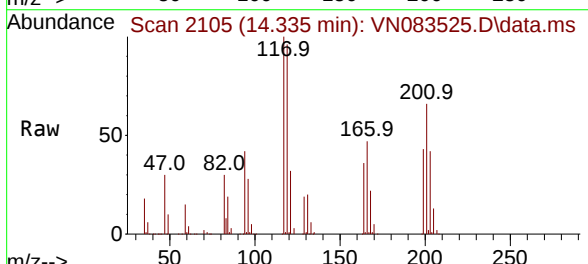
Manual Integrations
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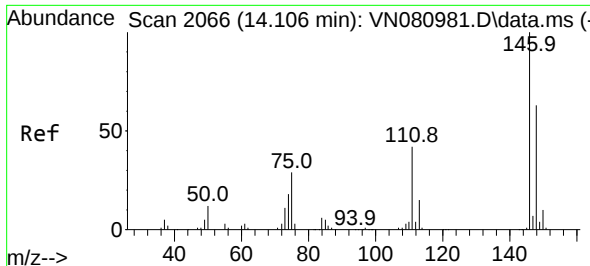
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#86
Hexachloroethane
Concen: 129.535 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

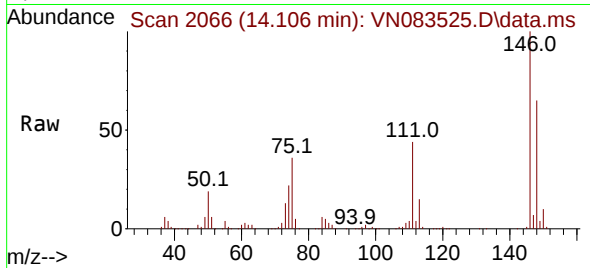
Tgt Ion:117 Resp: 191889
Ion Ratio Lower Upper
117 100
201 65.3 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 133.481 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

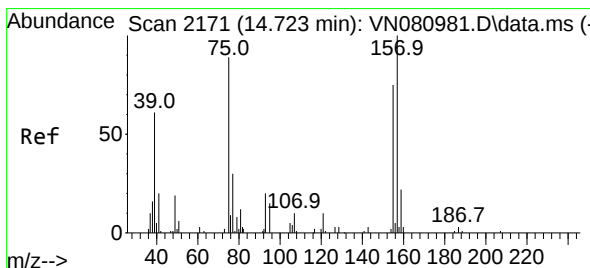
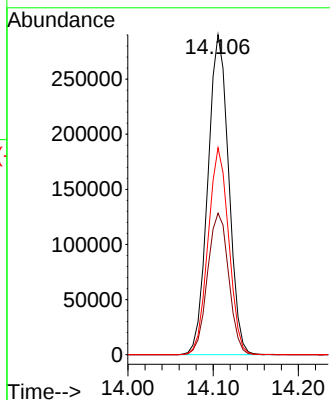
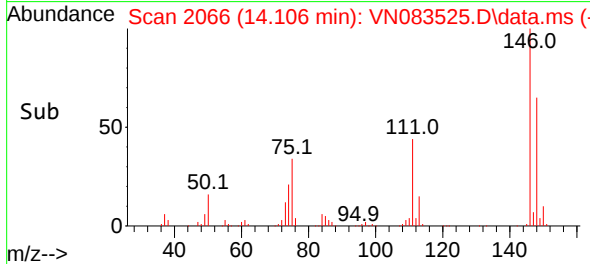
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 492835
Ion Ratio Lower Upper
146 100
111 45.0 22.6 67.8
148 64.0 31.3 93.8

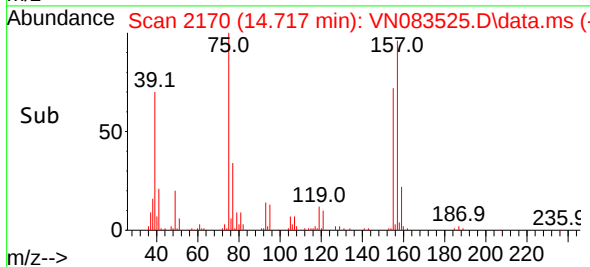
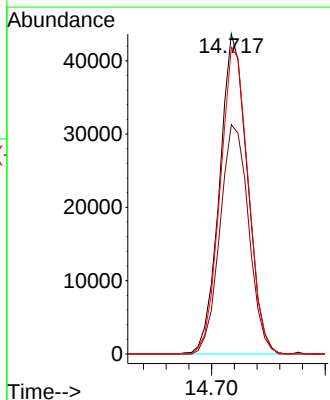
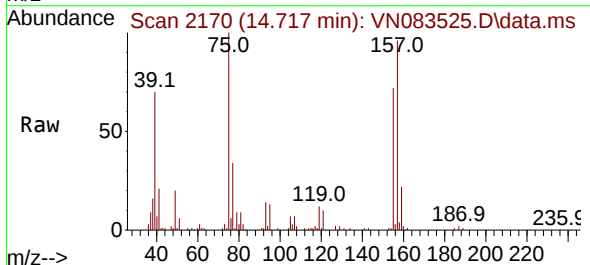
Manual Integrations
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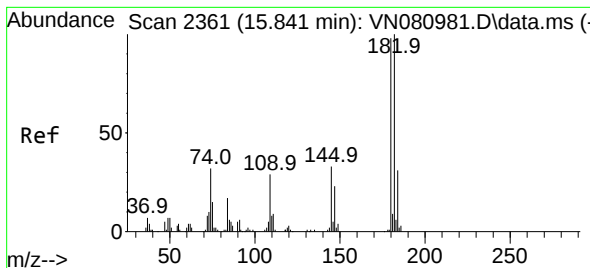
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 119.458 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion: 75 Resp: 74191
Ion Ratio Lower Upper
75 100
155 74.0 61.7 92.5
157 96.5 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 132.987 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 27036

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

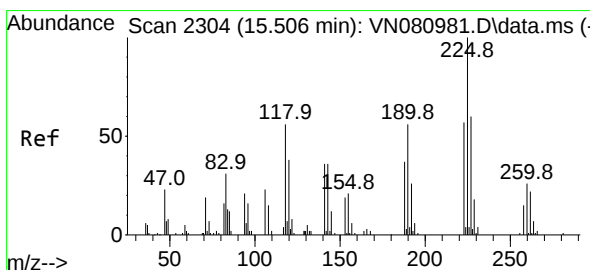
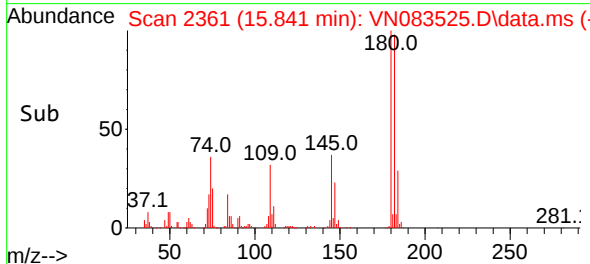
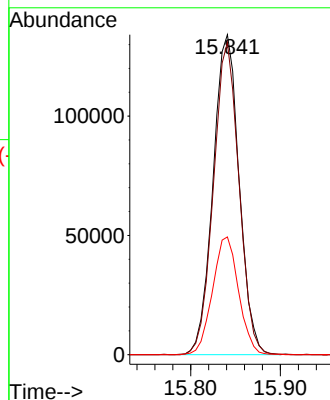
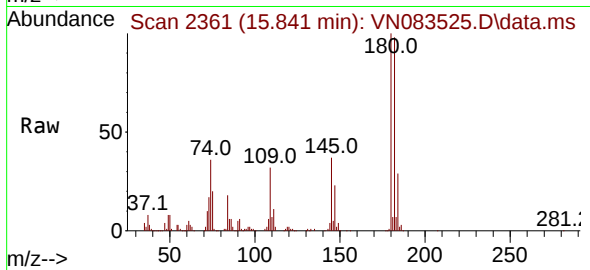
145 36.8 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2024

Supervised By :Mahesh Dadoda 08/29/2024



#90

Hexachlorobutadiene

Concen: 154.074 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN083525.D

Acq: 28 Aug 2024 08:55

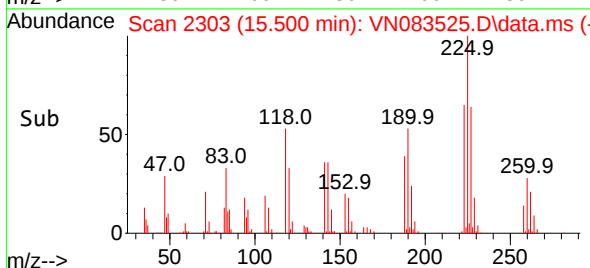
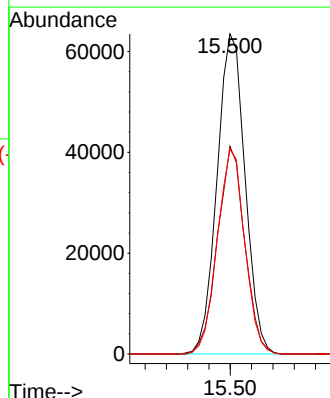
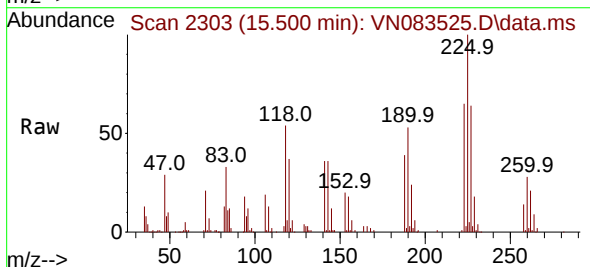
Tgt Ion:225 Resp: 116009

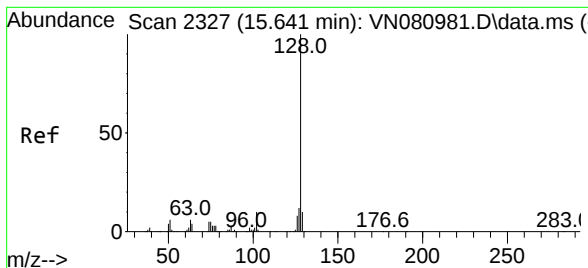
Ion Ratio Lower Upper

225 100

223 62.7 0.0 126.6

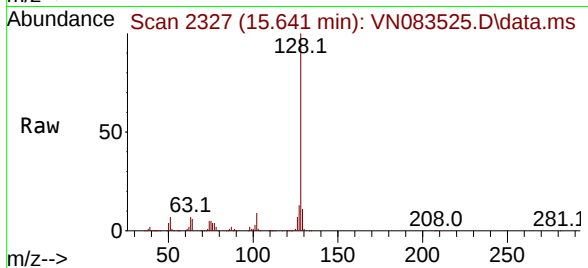
227 62.6 0.0 126.6





#91
Naphthalene
Concen: 120.687 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

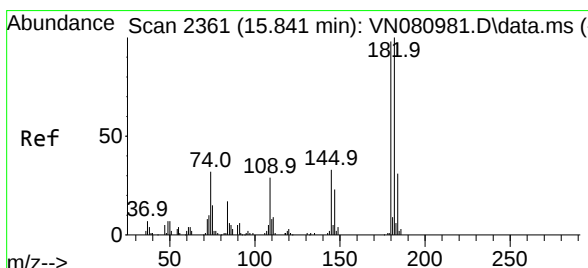
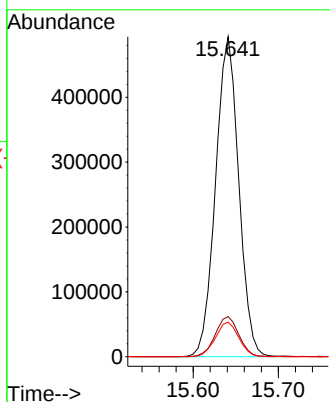
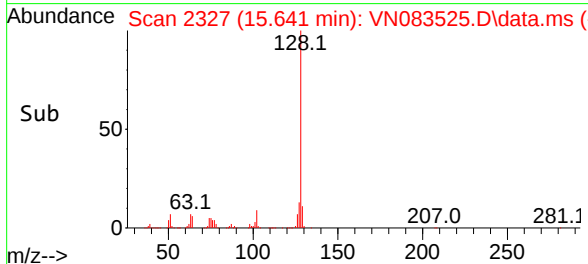
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 932708
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 132.987 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083525.D
Acq: 28 Aug 2024 08:55

Tgt Ion:180 Resp: 270362
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.0
145 36.8 0.0 71.0

