

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081457.D
 Acq On : 18 Mar 2024 18:02
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

Quant Time: Mar 19 05:46:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	396583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	609294	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245978	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	64 - 133	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	6168	1.155	ug/l	93
3) Chloromethane	2.365	50	6139	1.155	ug/l	93
4) Vinyl Chloride	2.512	62	6562	1.100	ug/l	90
6) Chloroethane	3.130	64	4799	1.171	ug/l	100
7) Trichlorofluoromethane	3.501	101	8987	1.011	ug/l	# 83
8) Diethyl Ether	3.959	74	2887	0.981	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.389	101	5429m	1.074	ug/l	
12) 1,1-Dichloroethene	4.342	96	5267	1.125	ug/l	83
14) Allyl chloride	5.012	41	5987	1.021	ug/l	# 93
15) Acrylonitrile	5.730	53	12464m	5.286	ug/l	
16) Acetone	4.430	43	10048	6.148	ug/l	# 87
17) Carbon Disulfide	4.712	76	15489	1.153	ug/l	# 91
18) Methyl Acetate	5.024	43	5577m	1.107	ug/l	
19) Methyl tert-butyl Ether	5.795	73	13873	0.947	ug/l	# 80
20) Methylene Chloride	5.277	84	5870	1.096	ug/l	# 78
21) trans-1,2-Dichloroethene	5.795	96	6024	1.154	ug/l	# 57
22) Diisopropyl ether	6.665	45	12121	0.889	ug/l	# 77
23) Vinyl Acetate	6.600	43	45398	4.185	ug/l	100
24) 1,1-Dichloroethane	6.571	63	10107	1.107	ug/l	# 94
25) 2-Butanone	7.489	43	14625	5.217	ug/l	# 54
26) 2,2-Dichloropropane	7.494	77	7419	0.937	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	6423	1.088	ug/l	86
28) Bromochloromethane	7.824	49	4283	1.152	ug/l	# 44
29) Tetrahydrofuran	7.841	42	9373	4.963	ug/l	# 80
30) Chloroform	7.977	83	9992	1.023	ug/l	# 83
32) 1,1,1-Trichloroethane	8.165	97	9283	1.047	ug/l	# 46
36) 1,1-Dichloropropene	8.371	75	7109	0.972	ug/l	90
37) Ethyl Acetate	7.565	43	6324	1.010	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	8353	1.043	ug/l	99
39) Methylcyclohexane	9.594	83	6799	0.833	ug/l	92
40) Benzene	8.612	78	21171	0.990	ug/l	91
41) Methacrylonitrile	7.789	41	3263	0.986	ug/l	# 84
42) 1,2-Dichloroethane	8.677	62	7589	1.009	ug/l	98
43) Isopropyl Acetate	8.688	43	9911	0.955	ug/l	# 89
44) Trichloroethene	9.347	130	6408	1.066	ug/l	53
45) 1,2-Dichloropropane	9.618	63	4800	0.927	ug/l	# 79

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
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Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

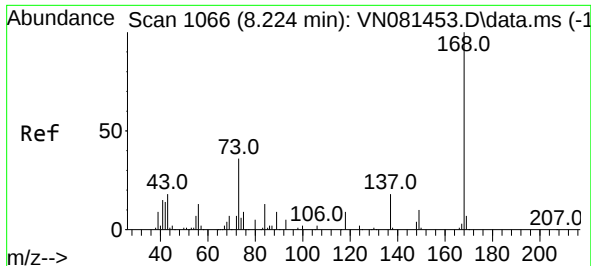
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4008	1.019	ug/l	89
47) Bromodichloromethane	9.894	83	7347	0.955	ug/l #	80
48) Methyl methacrylate	9.677	41	4251	0.888	ug/l #	89
49) 1,4-Dioxane	9.688	88	1980m	17.213	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	29233	4.617	ug/l	99
52) Toluene	10.630	92	12651	0.931	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	8295	0.999	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	8238	0.925	ug/l #	88
55) 1,1,2-Trichloroethane	11.012	97	5220	0.955	ug/l #	77
56) Ethyl methacrylate	10.877	69	5668m	1.331	ug/l	
57) 1,3-Dichloropropane	11.165	76	8308	0.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	16882	4.907	ug/l #	81
59) 2-Hexanone	11.200	43	19881	4.247	ug/l	93
60) Dibromochloromethane	11.359	129	6123	1.018	ug/l	82
61) 1,2-Dibromoethane	11.477	107	5308	0.952	ug/l	89
64) Tetrachloroethene	11.112	164	6067	1.042	ug/l #	73
65) Chlorobenzene	11.900	112	14353	0.996	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	5073	0.950	ug/l #	61
67) Ethyl Benzene	11.971	91	22176	0.886	ug/l	97
68) m/p-Xylenes	12.077	106	15670	1.671	ug/l	94
69) o-Xylene	12.394	106	7941	0.862	ug/l	89
70) Styrene	12.418	104	12245	0.825	ug/l	95
71) Bromoform	12.582	173	3922	0.978	ug/l #	92
73) Isopropylbenzene	12.700	105	18580	0.886	ug/l	94
74) N-amyl acetate	12.500	43	6769	0.892	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	6572	1.066	ug/l	89
76) 1,2,3-Trichloropropane	12.994	75	6035m	1.028	ug/l	
77) Bromobenzene	12.976	156	5347	1.032	ug/l	71
78) n-propylbenzene	13.035	91	21742	0.878	ug/l	92
79) 2-Chlorotoluene	13.124	91	14649	0.988	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	13781	0.796	ug/l	97
82) 4-Chlorotoluene	13.224	91	12775	0.874	ug/l	91
83) tert-Butylbenzene	13.441	119	13967	0.935	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	13737	0.789	ug/l	96
85) sec-Butylbenzene	13.618	105	18391	0.861	ug/l	96
86) p-Isopropyltoluene	13.729	119	13775	0.789	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	9533	1.002	ug/l	90
88) 1,4-Dichlorobenzene	13.812	146	10596	1.075	ug/l	81
89) n-Butylbenzene	14.059	91	12870	0.832	ug/l	93
90) Hexachloroethane	14.329	117	3361	1.017	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	9657	1.054	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1347	1.027	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	5495	1.038	ug/l	97
94) Hexachlorobutadiene	15.512	225	2593	1.116	ug/l	92
95) Naphthalene	15.641	128	16600	0.967	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	5550	1.042	ug/l	95

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

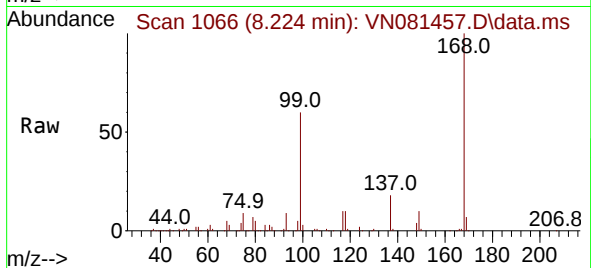
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

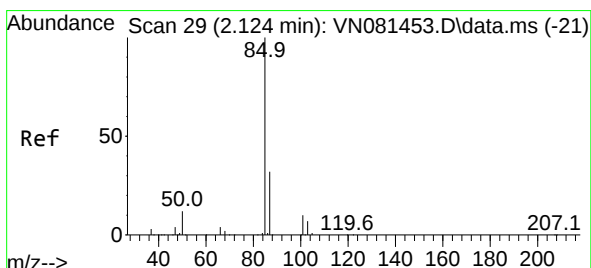
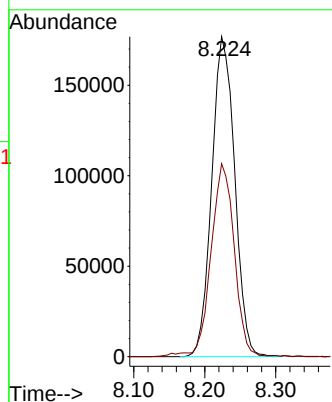
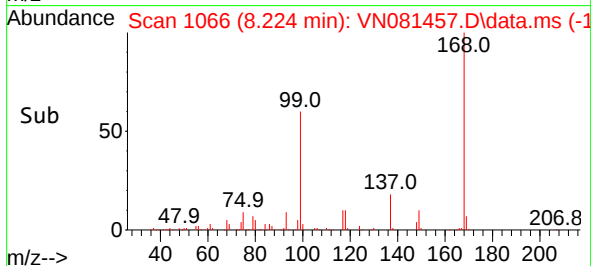
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



Tgt Ion: 168 Resp: 39658
Ion Ratio Lower Upper
168 100
99 60.2 59.9 89.9

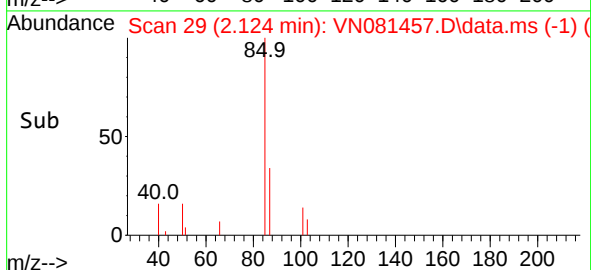
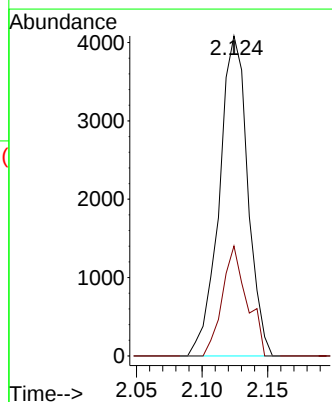
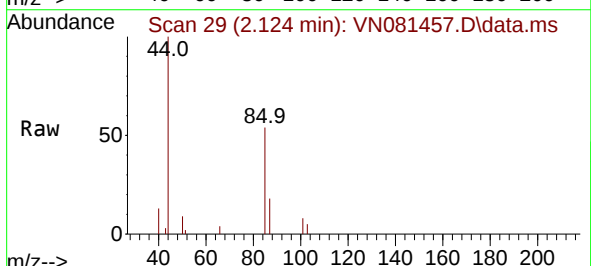
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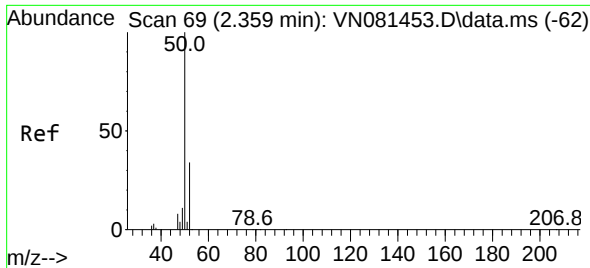
Reviewed By : John Carlone 03/19/2024
Supervised By : Mahesh Dadoda 03/19/2024



#2
Dichlorodifluoromethane
Concen: 1.155 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

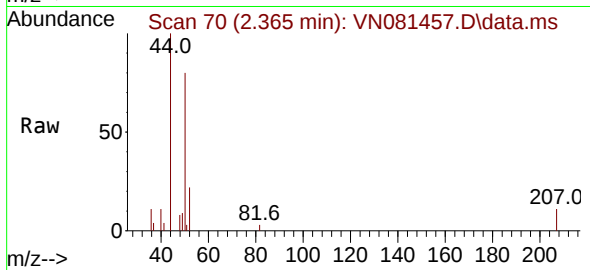
Tgt Ion: 85 Resp: 6168
Ion Ratio Lower Upper
85 100
87 34.4 15.3 45.9





#3
Chloromethane
Concen: 1.155 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

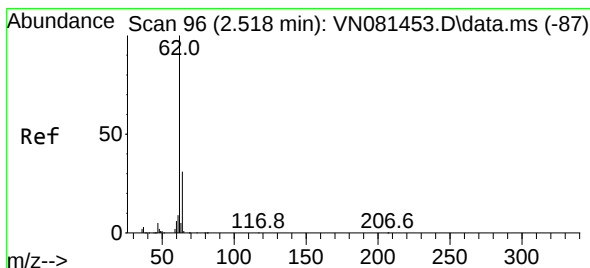
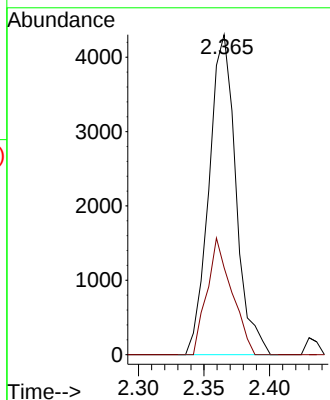
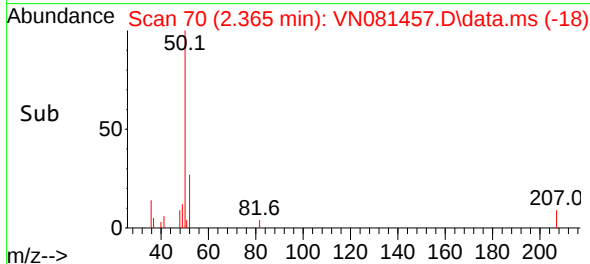
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 50 Resp: 6139
Ion Ratio Lower Upper
50 100
52 27.2 25.0 37.4

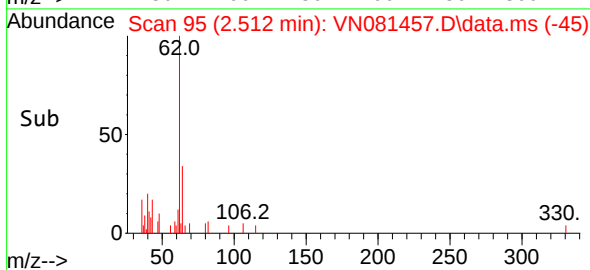
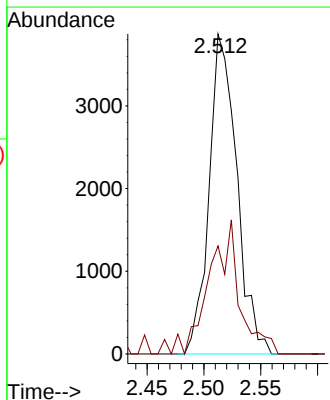
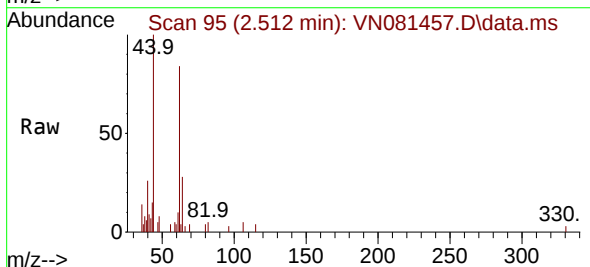
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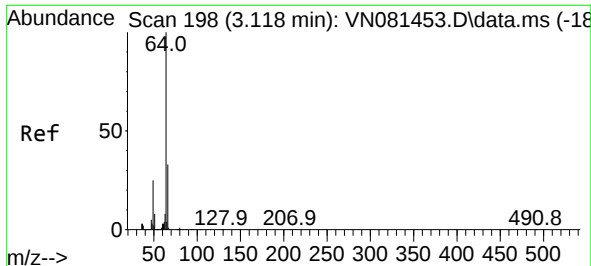
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#4
Vinyl Chloride
Concen: 1.100 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

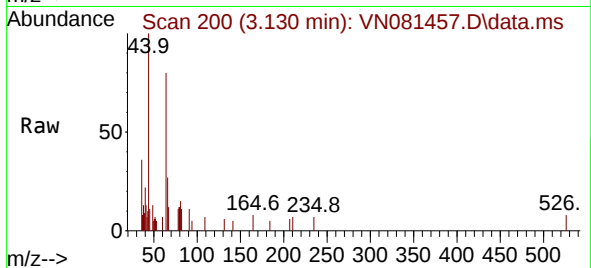
Tgt Ion: 62 Resp: 6562
Ion Ratio Lower Upper
62 100
64 33.7 22.7 34.1





#6
Chloroethane
Concen: 1.171 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

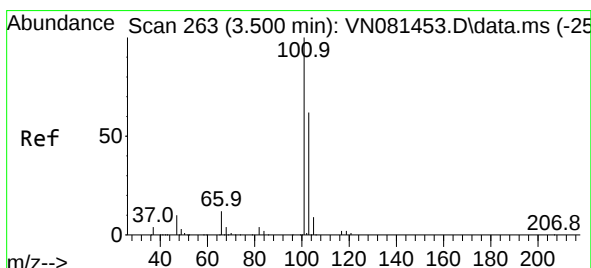
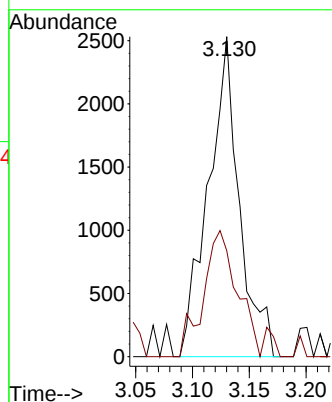
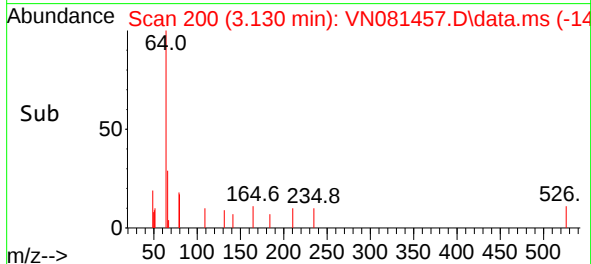
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 4799
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6

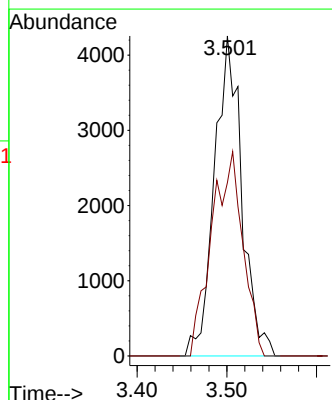
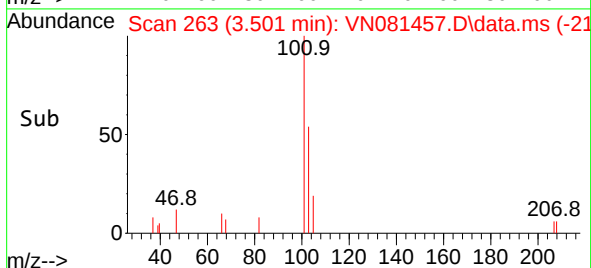
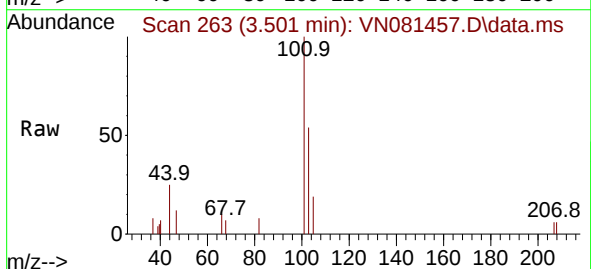
Manual Integrations
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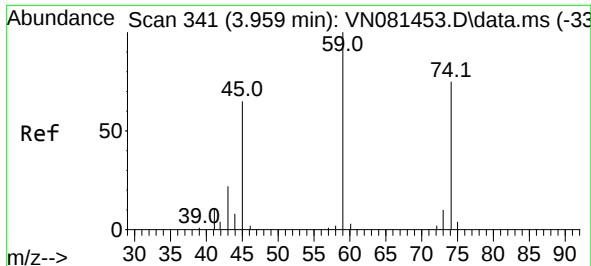
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#7
Trichlorofluoromethane
Concen: 1.011 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

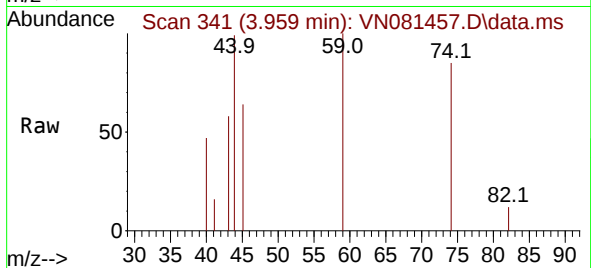
Tgt Ion:101 Resp: 8987
Ion Ratio Lower Upper
101 100
103 54.2 54.4 81.6#





#8
Diethyl Ether
Concen: 0.981 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

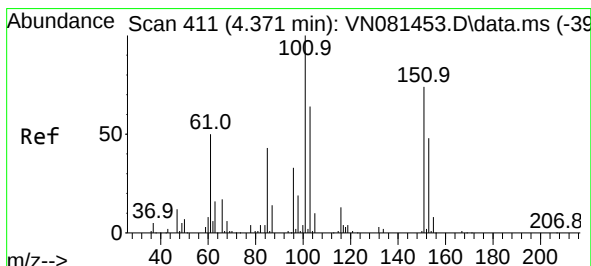
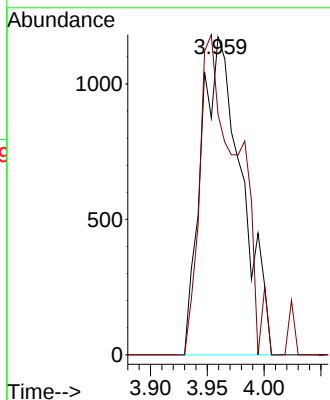
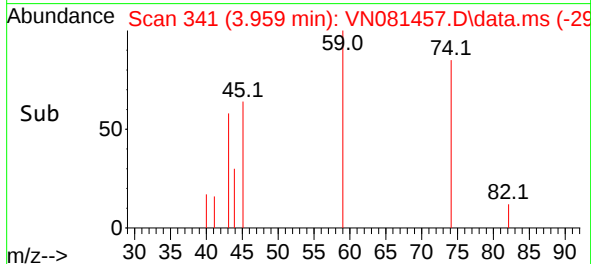
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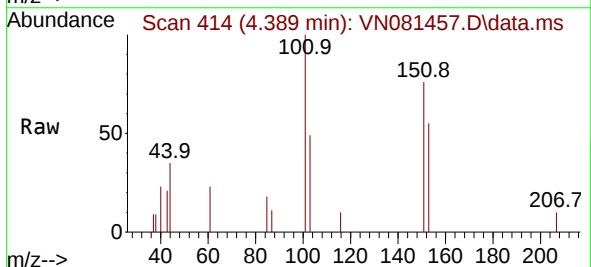
Tgt Ion: 74 Resp: 288
Ion Ratio Lower Upper
74 100
45 94.7 53.3 159.9

Manual Integrations
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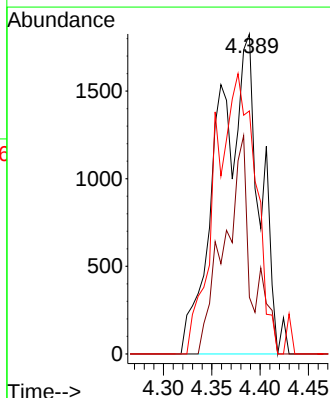
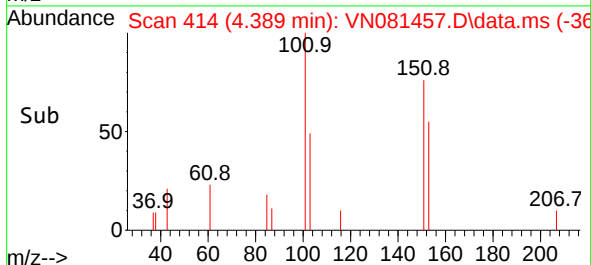
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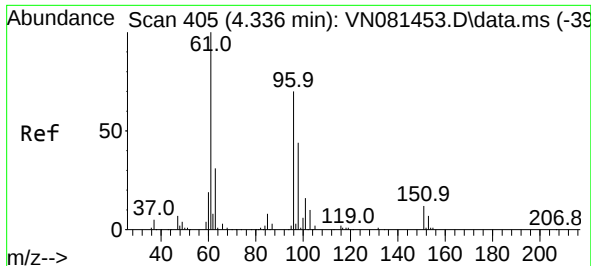


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.074 ug/l m
RT: 4.389 min Scan# 414
Delta R.T. 0.018 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02



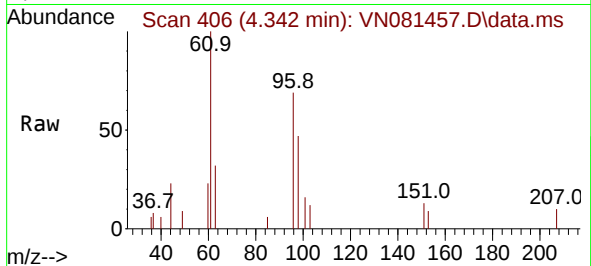
Tgt Ion:101 Resp: 5429
Ion Ratio Lower Upper
101 100
85 0.0 38.1 57.1#
151 0.0 49.1 73.7#





#12
1,1-Dichloroethene
Concen: 1.125 ug/l
RT: 4.342 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

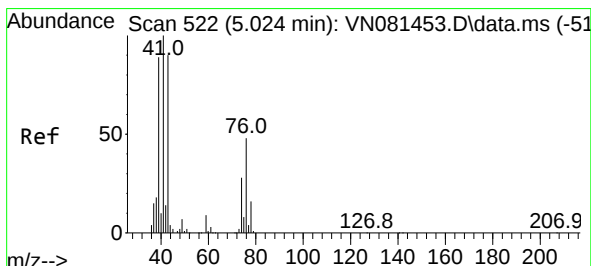
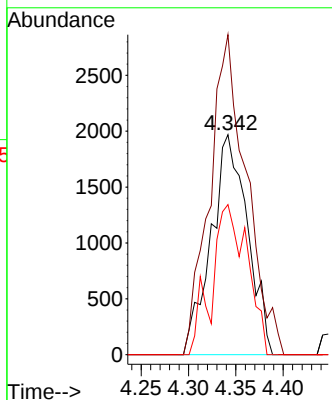
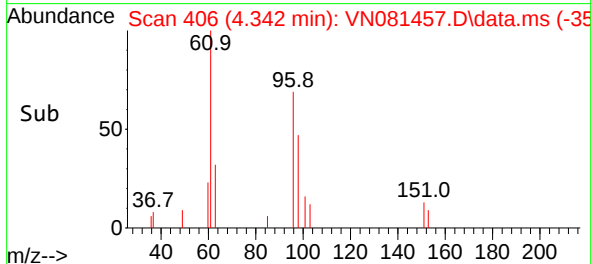
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 526
Ion Ratio Lower Upper
96 100
61 145.5 138.2 207.4
98 68.2 49.2 73.8

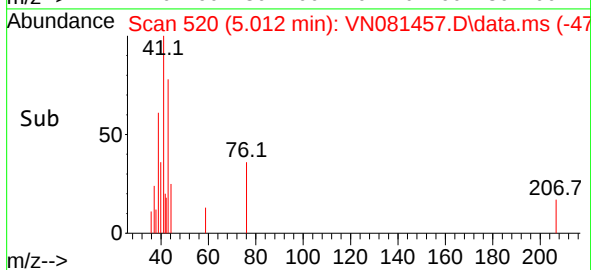
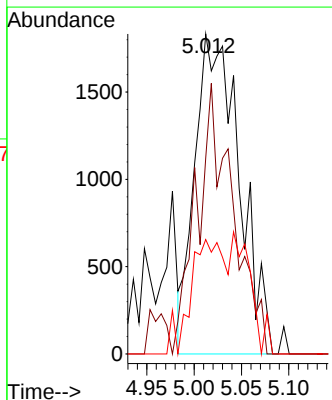
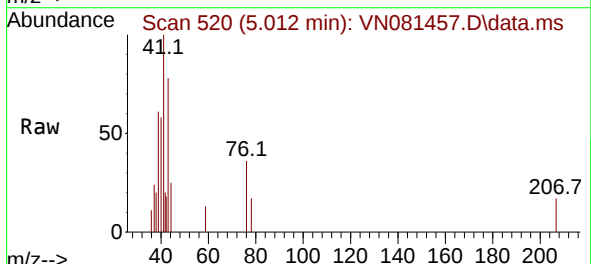
Manual Integrations
APPROVED

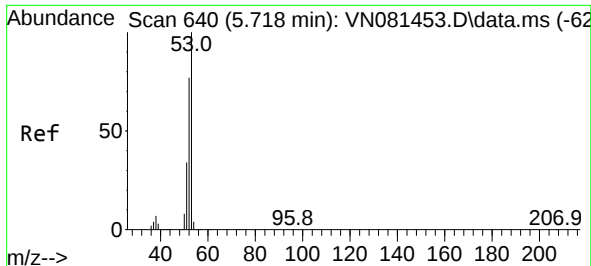
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#14
Allyl chloride
Concen: 1.021 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

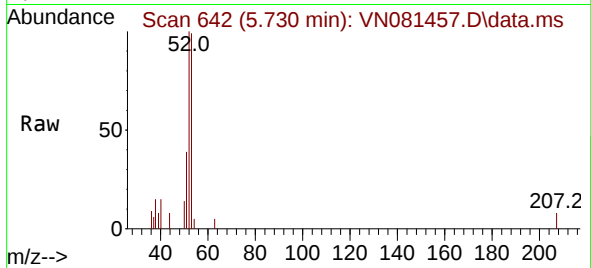
Tgt Ion: 41 Resp: 5987
Ion Ratio Lower Upper
41 100
39 68.9 57.7 86.5
76 26.4 26.8 40.2#





#15
Acrylonitrile
Concen: 5.286 ug/l m
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

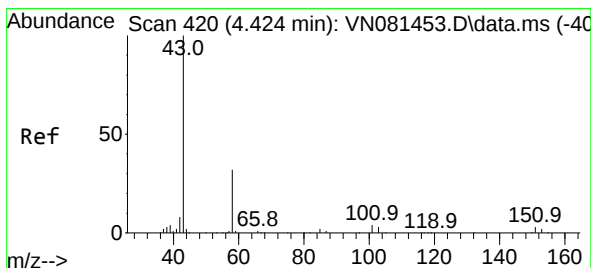
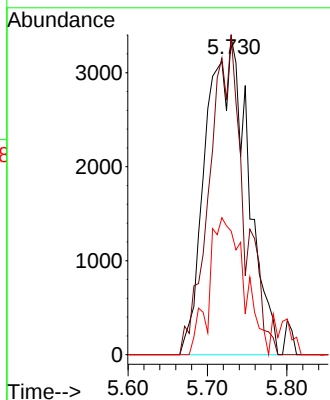
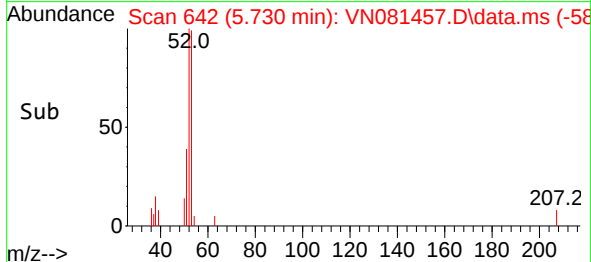
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 12464
Ion Ratio Lower Upper
53 100
52 82.2 64.8 97.2
51 35.9 26.9 40.3

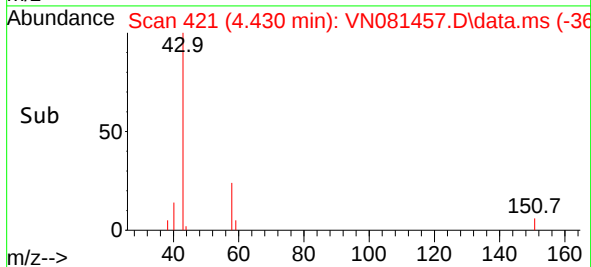
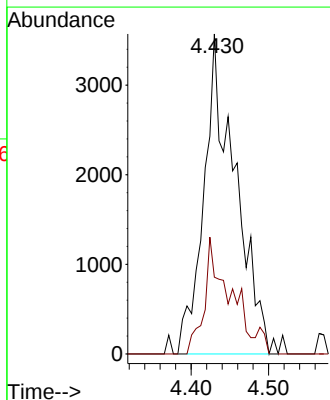
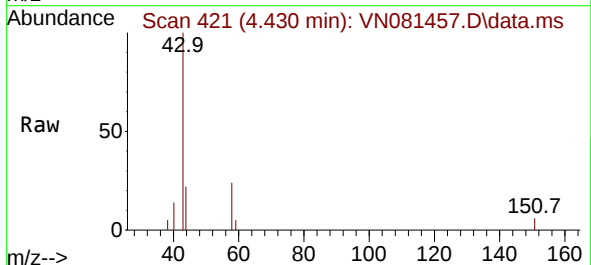
Manual Integrations
APPROVED

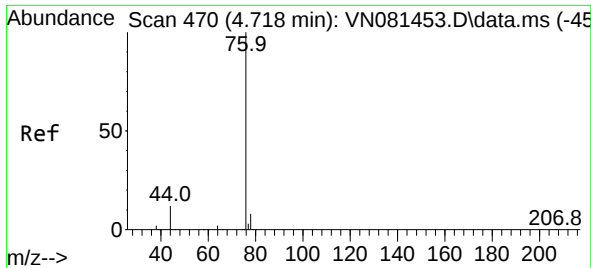
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#16
Acetone
Concen: 6.148 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

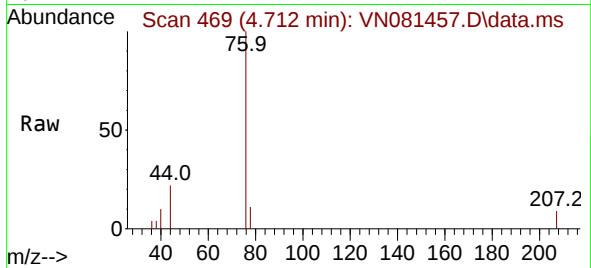
Tgt Ion: 43 Resp: 10048
Ion Ratio Lower Upper
43 100
58 24.0 24.8 37.2#





#17
Carbon Disulfide
Concen: 1.153 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

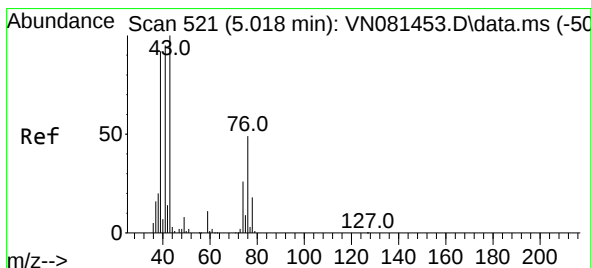
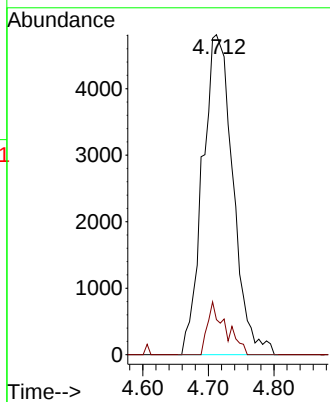
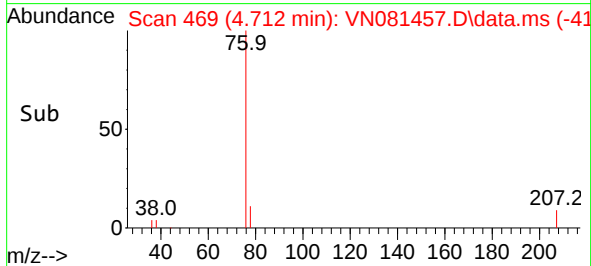
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 15489
Ion Ratio Lower Upper
76 100
78 11.0 6.3 9.5

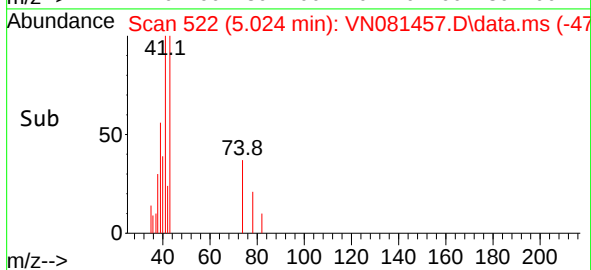
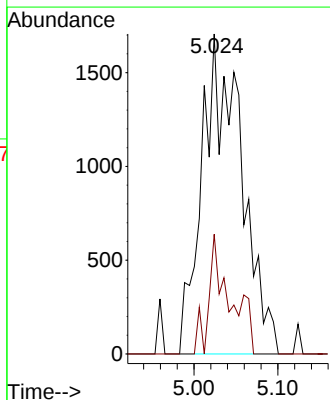
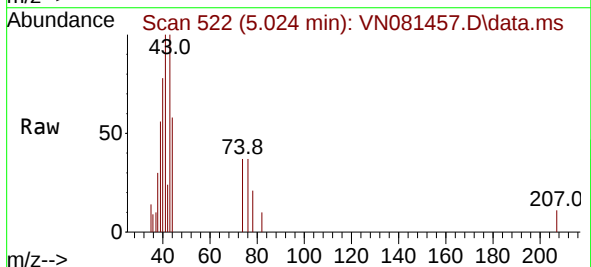
Manual Integrations
APPROVED

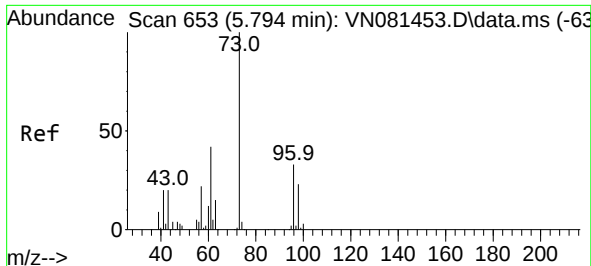
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#18
Methyl Acetate
Concen: 1.107 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 43 Resp: 5577
Ion Ratio Lower Upper
43 100
74 16.5 17.3 25.9





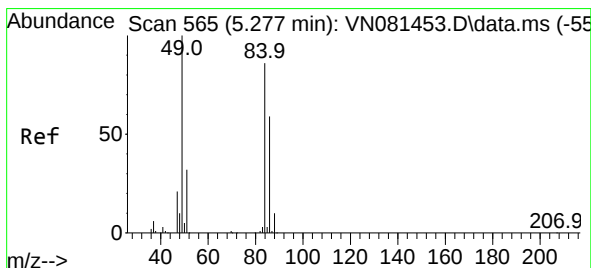
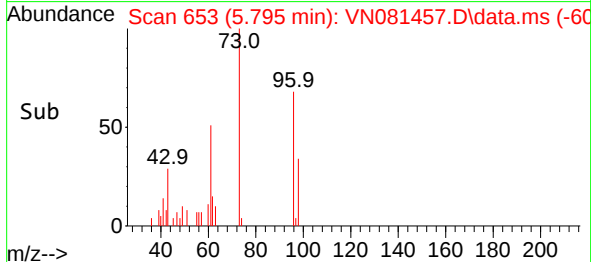
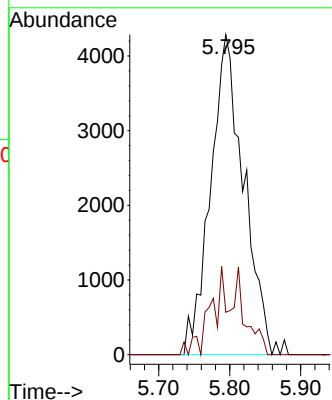
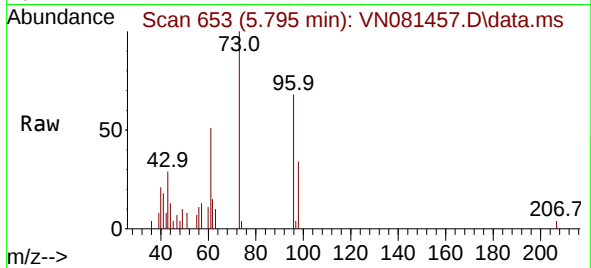
#19
Methyl tert-butyl Ether
Concen: 0.947 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 1387
Ion Ratio Lower Upper
73 100
57 13.3 18.2 27.4

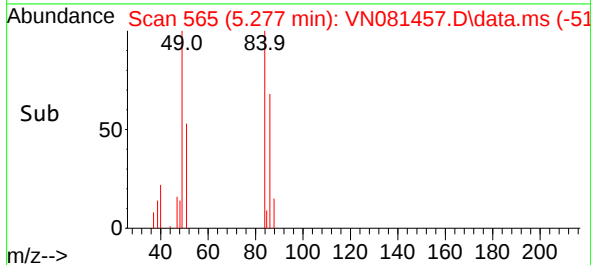
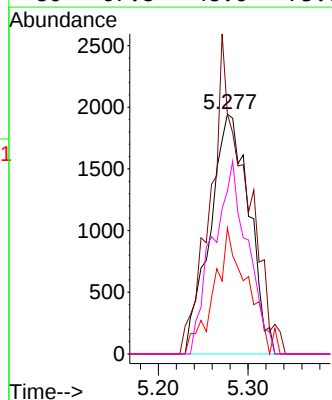
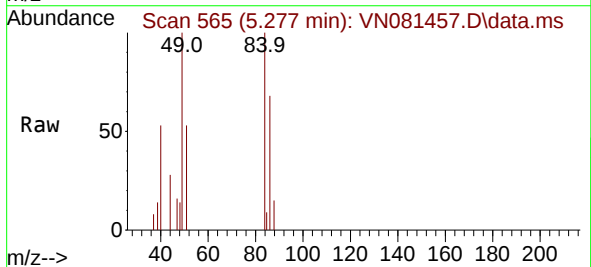
Manual Integrations
APPROVED

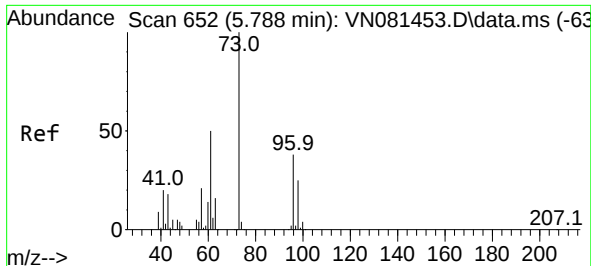
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#20
Methylene Chloride
Concen: 1.096 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

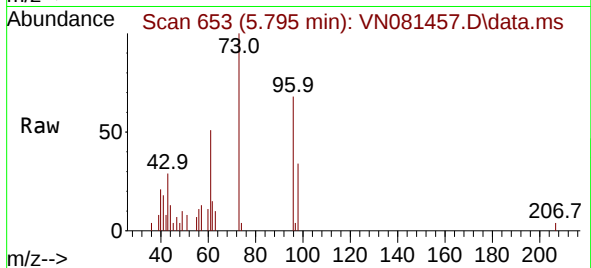
Tgt Ion: 84 Resp: 5870
Ion Ratio Lower Upper
84 100
49 100.1 108.1 162.1#
51 52.6 32.9 49.3#
86 67.8 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 1.154 ug/l
RT: 5.795 min Scan# 602
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

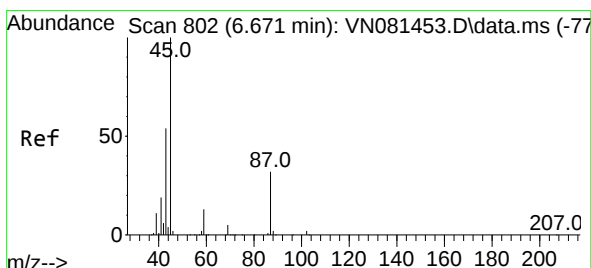
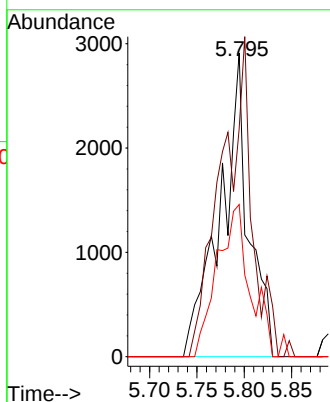
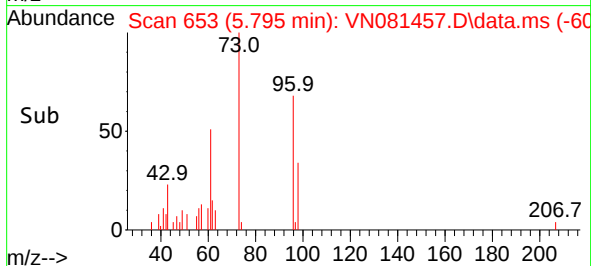
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 6024
Ion Ratio Lower Upper
96 100
61 75.1 112.8 169.2#
98 50.1 51.0 76.4#

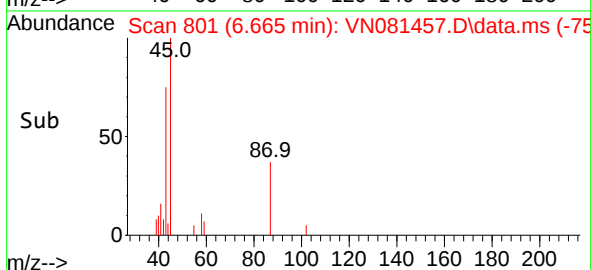
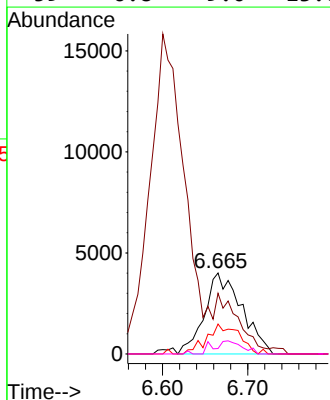
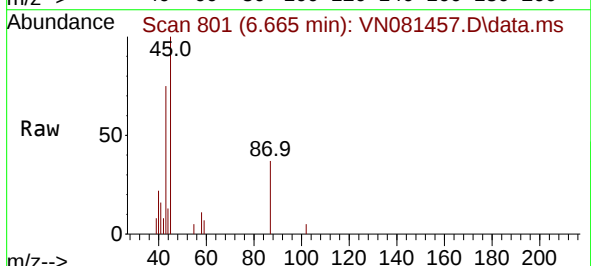
Manual Integrations
APPROVED

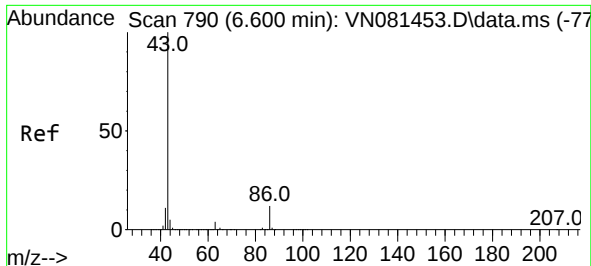
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#22
Diisopropyl ether
Concen: 0.889 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 45 Resp: 12121
Ion Ratio Lower Upper
45 100
43 68.0 41.8 62.8#
87 37.0 18.1 27.1#
59 6.8 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 4.185 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

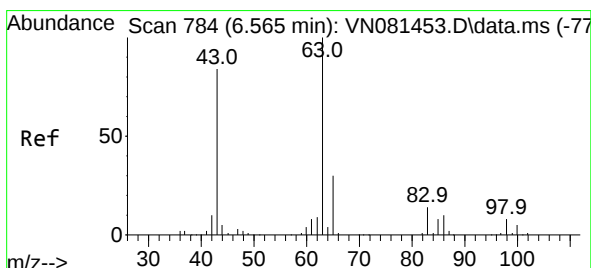
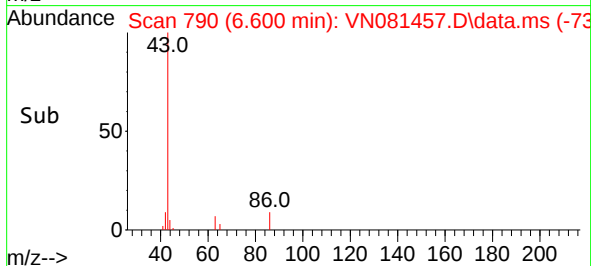
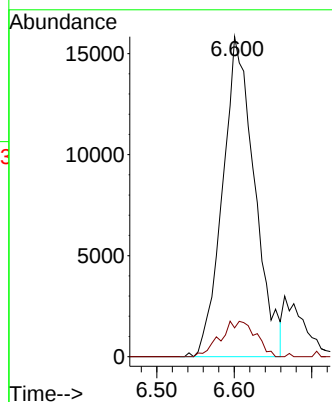
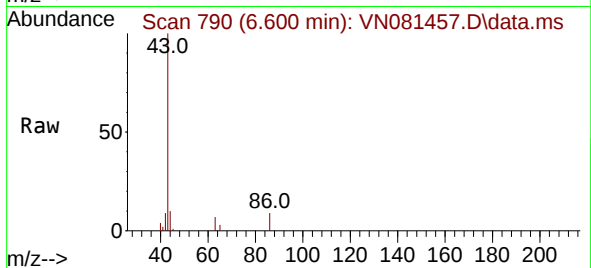
VSTDIC001

Tgt Ion: 43 Resp: 45398
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7

Manual Integrations

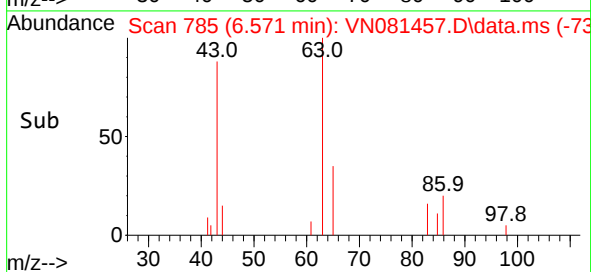
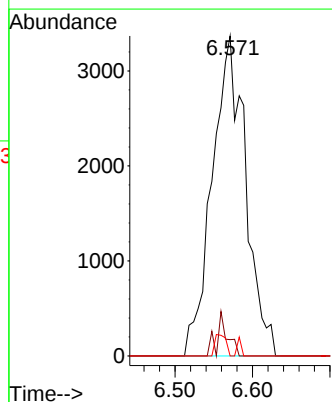
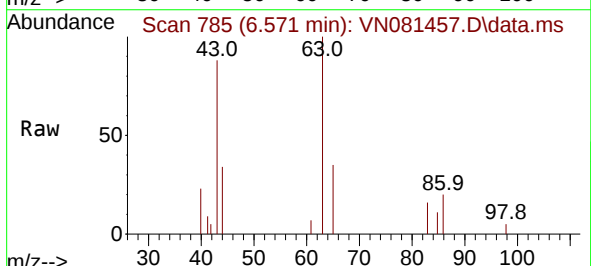
APPROVED

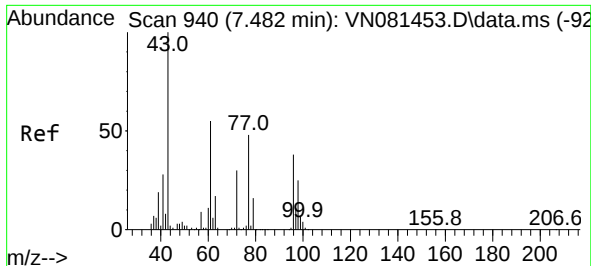
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#24
 1,1-Dichloroethane
 Concen: 1.107 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

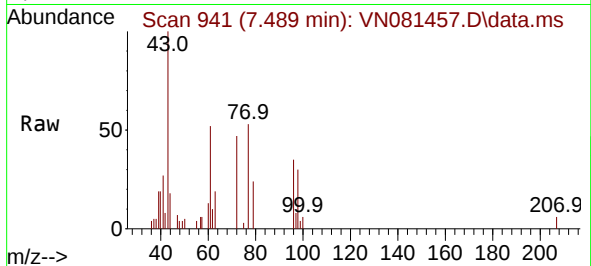
Tgt Ion: 63 Resp: 10107
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.9 8.6
 100 0.0 1.9 5.7#





#25
2-Butanone
Concen: 5.217 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

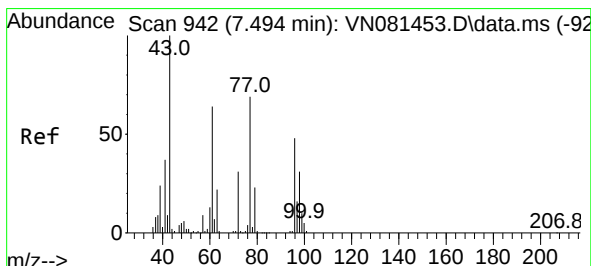
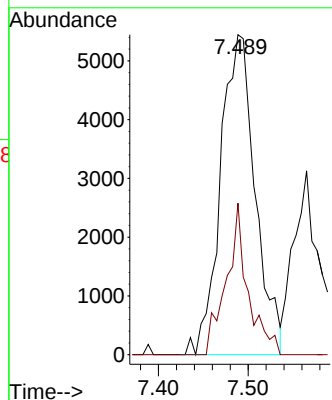
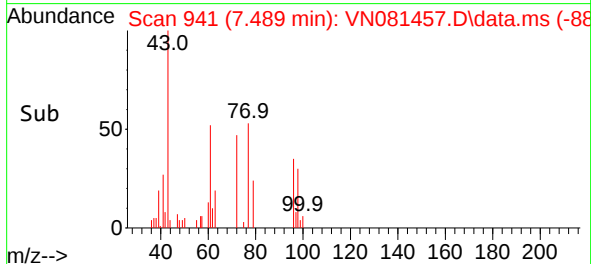
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
72 47.4 19.5 29.3

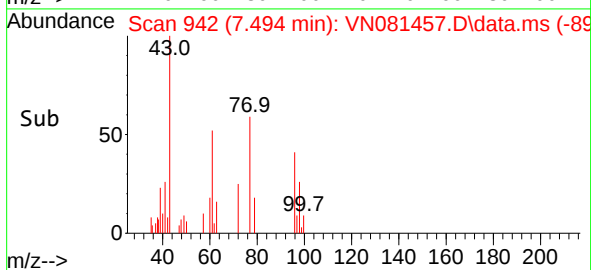
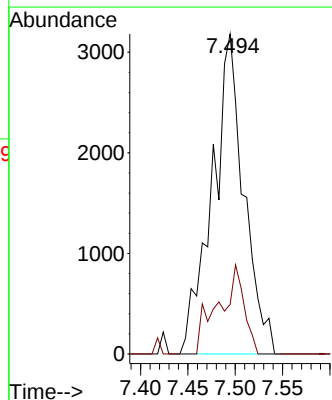
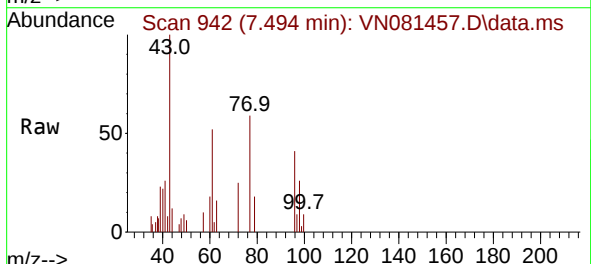
Manual Integrations
APPROVED

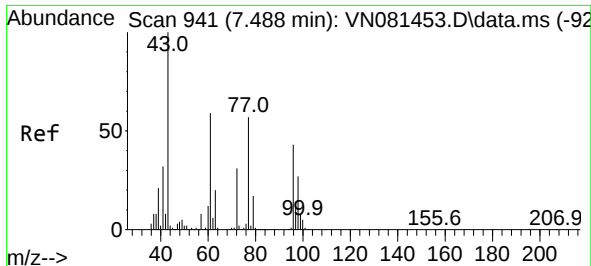
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#26
2,2-Dichloropropane
Concen: 0.937 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

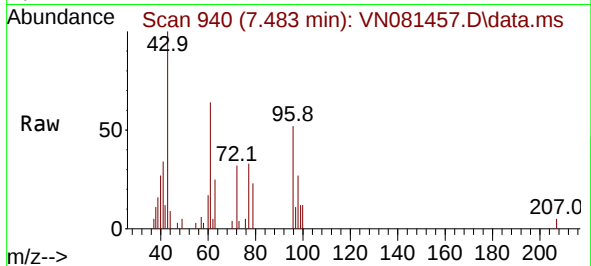
Tgt Ion: 77 Resp: 7419
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 1.088 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

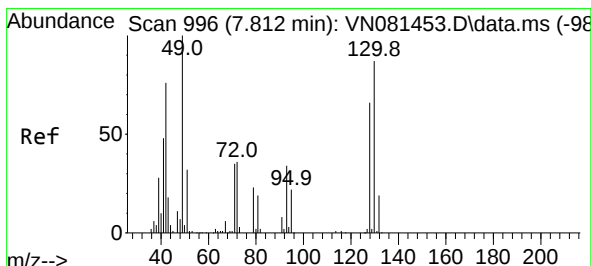
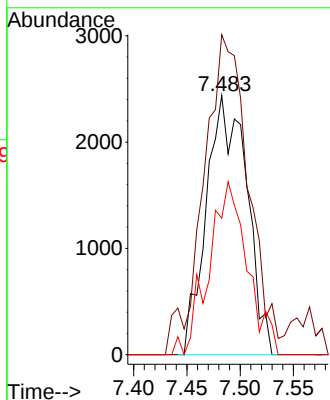
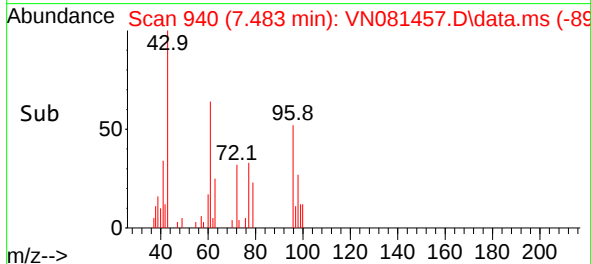
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 642
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 325.4
 98 63.8 0.0 130.4

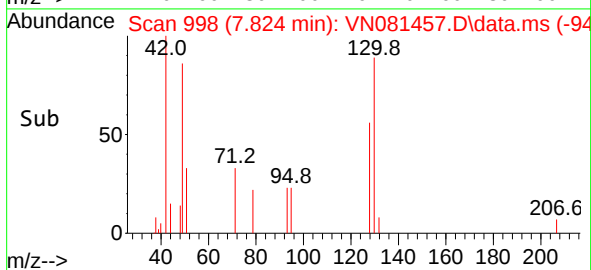
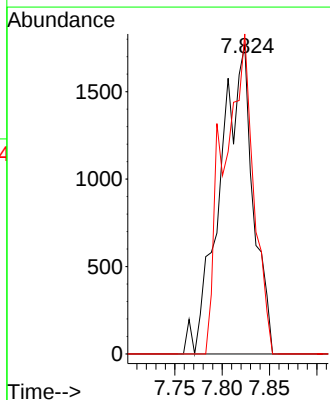
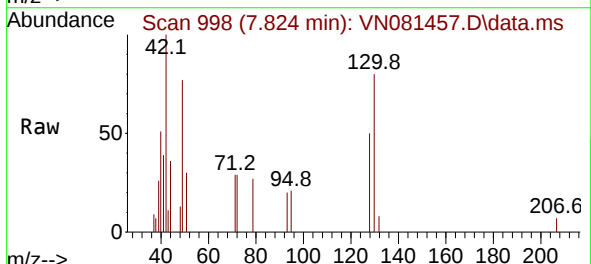
Manual Integrations
 APPROVED

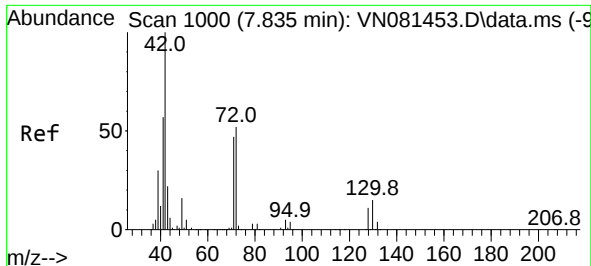
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#28
 Bromochloromethane
 Concen: 1.152 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion: 49 Resp: 4283
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 93.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 4.963 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

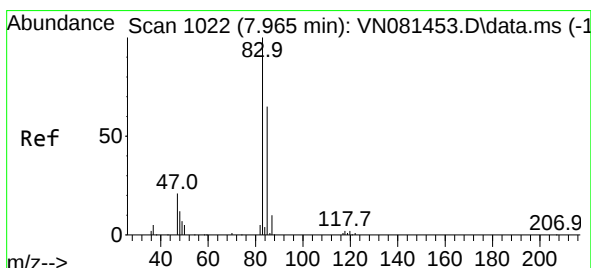
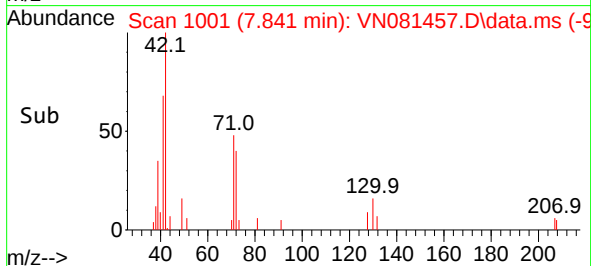
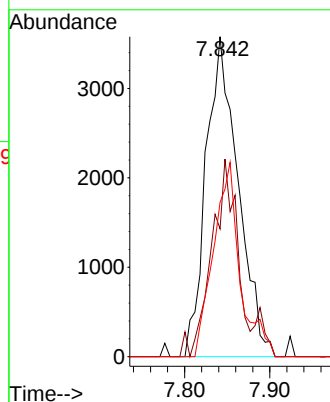
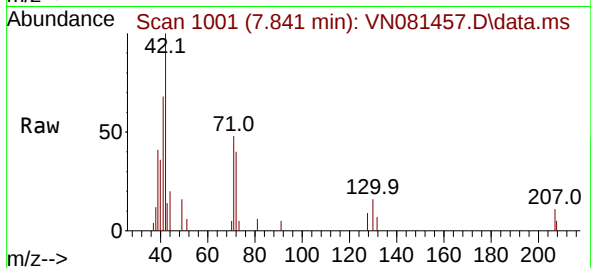
Tgt Ion:	42	Resp:	937
Ion Ratio	Lower	Upper	
42	100		
72	48.7	31.1	46.7
71	50.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#30

Chloroform

Concen: 1.023 ug/l

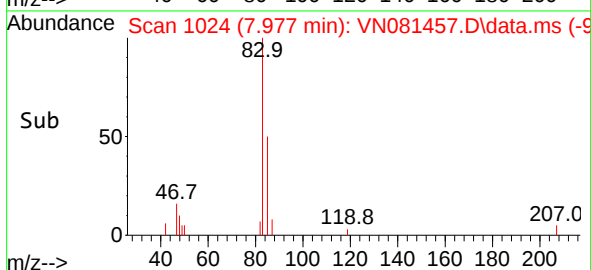
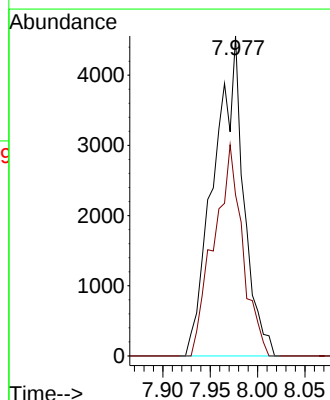
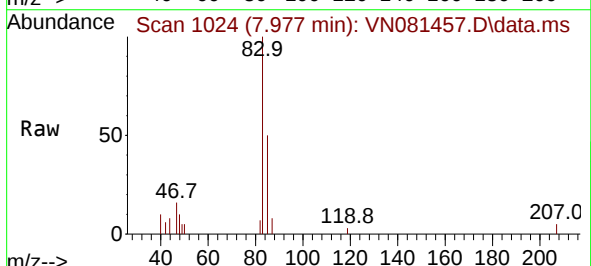
RT: 7.977 min Scan# 1024

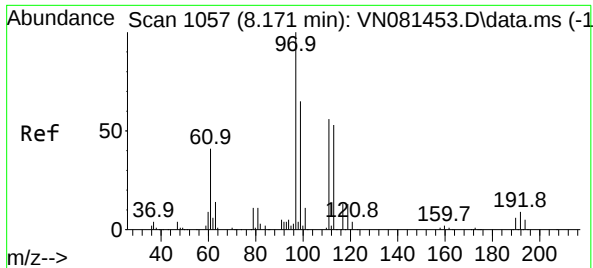
Delta R.T. 0.012 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Tgt Ion:	83	Resp:	9992
Ion Ratio	Lower	Upper	
83	100		
85	50.3	51.0	76.6





#32
 1,1,1-Trichloroethane
 Concen: 1.047 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

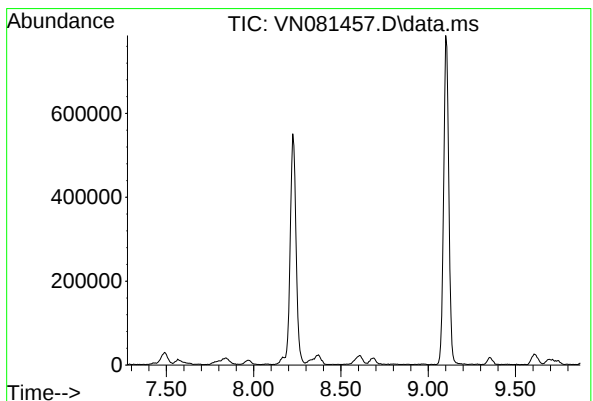
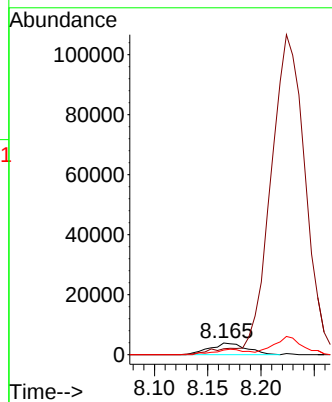
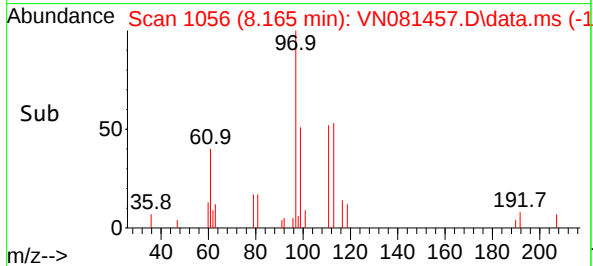
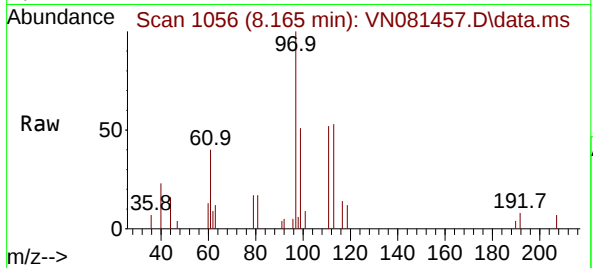
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	53.4	80.0
61	41.1	43.8	65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

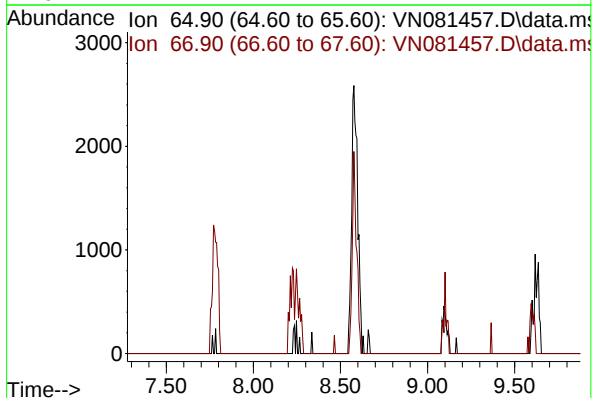
Supervised By :Mahesh Dadoda 03/19/2024

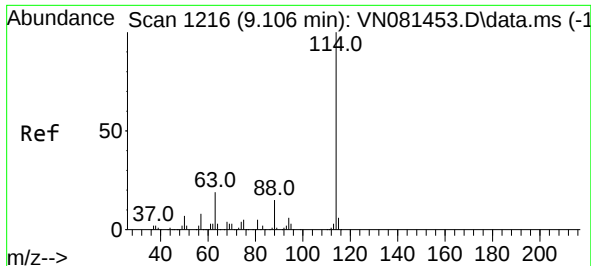


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion	Sig	Exp Ratio
65		100
67		51.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 688380

Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

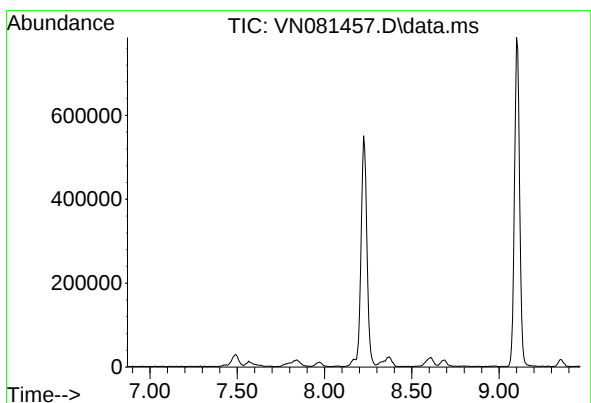
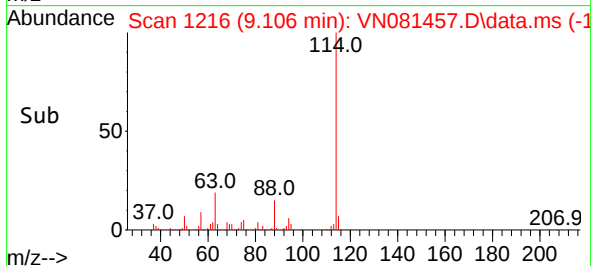
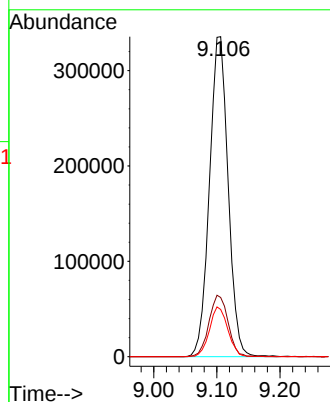
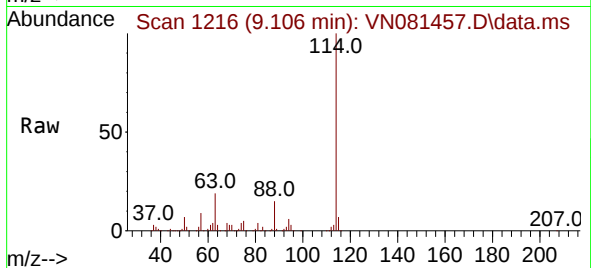
88 14.7 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.17 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

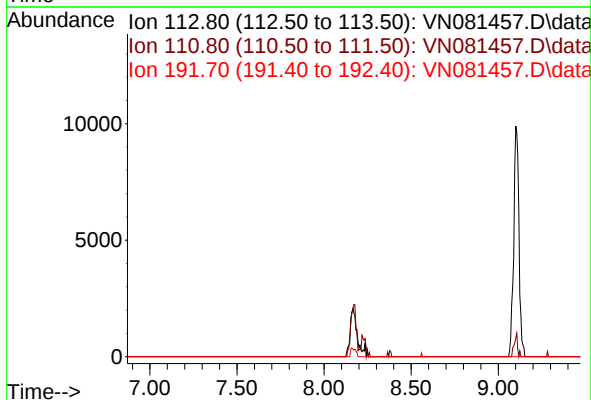
Tgt Ion: 113

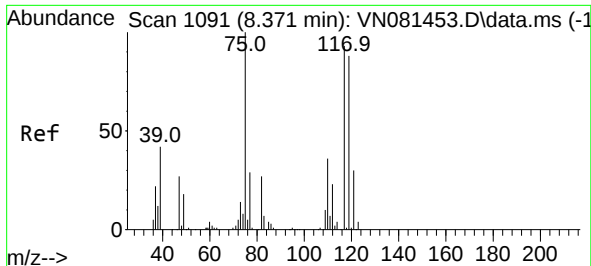
Sig Exp Ratio

113 100

111 102.8

192 15.6





#36

1,1-Dichloropropene

Concen: 0.972 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 75 Resp: 7109

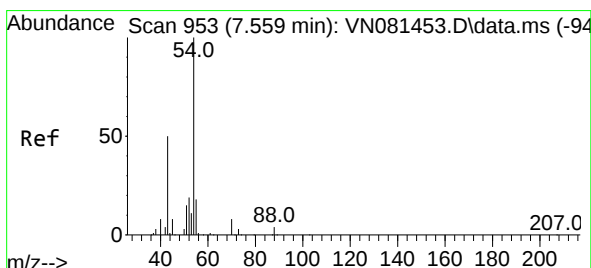
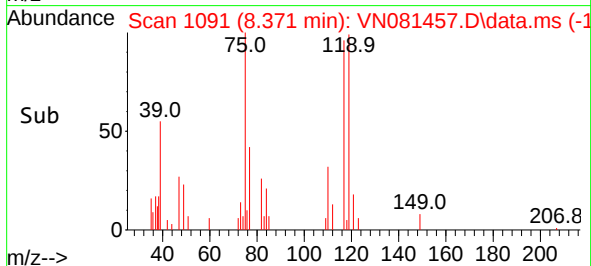
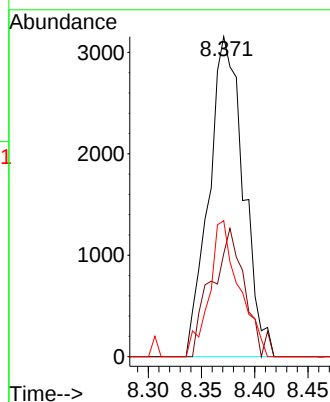
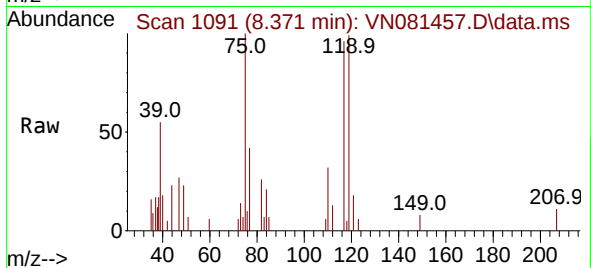
Ion	Ratio	Lower	Upper
75	100		
110	38.6	16.0	48.0
77	37.0	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#37

Ethyl Acetate

Concen: 1.010 ug/l

RT: 7.565 min Scan# 954

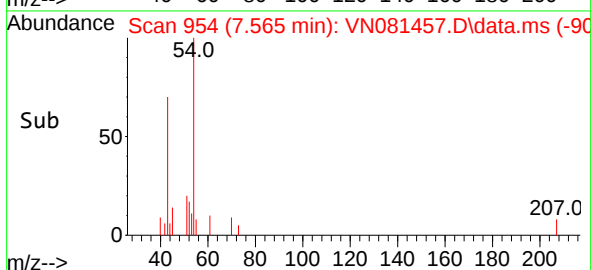
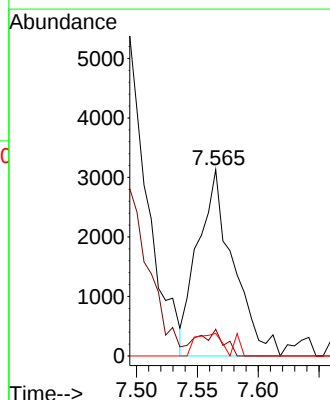
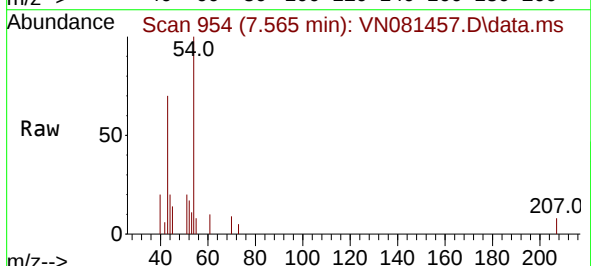
Delta R.T. 0.006 min

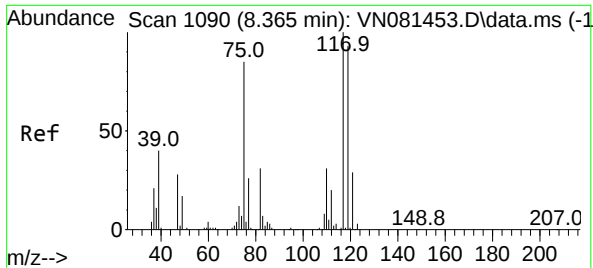
Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Tgt Ion: 43 Resp: 6324

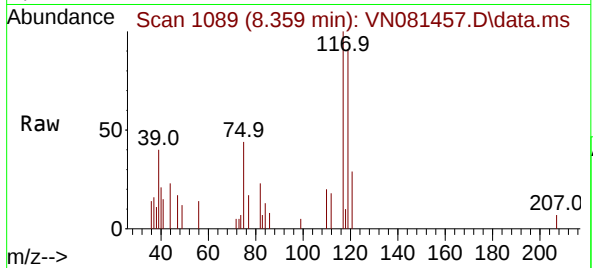
Ion	Ratio	Lower	Upper
43	100		
61	10.0	10.6	15.8
70	8.9	8.0	12.0





#38
Carbon Tetrachloride
Concen: 1.043 ug/l
RT: 8.359 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

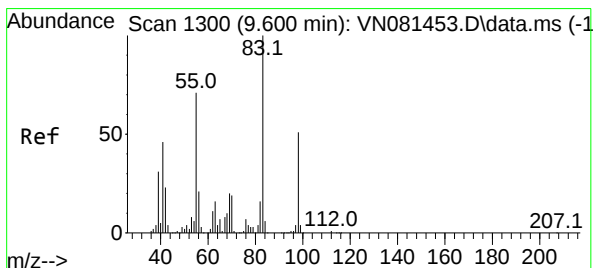
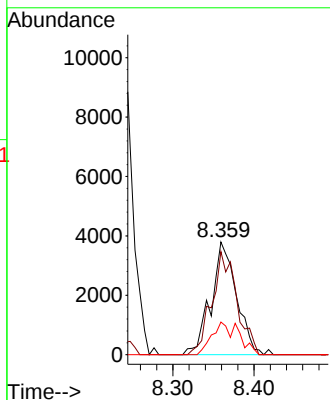
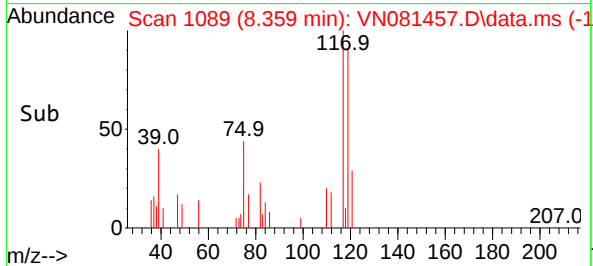
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



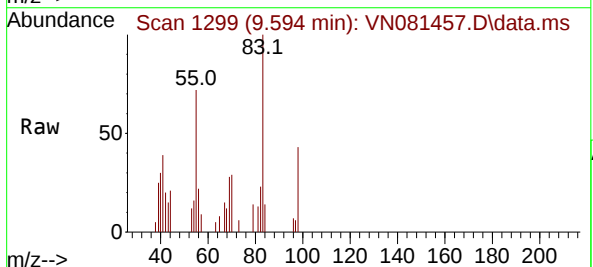
Tgt Ion: 117 Resp: 835
Ion Ratio Lower Upper
117 100
119 91.5 73.4 110.2
121 29.0 24.4 36.6

Manual Integrations
APPROVED

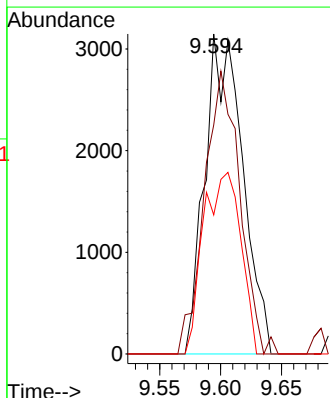
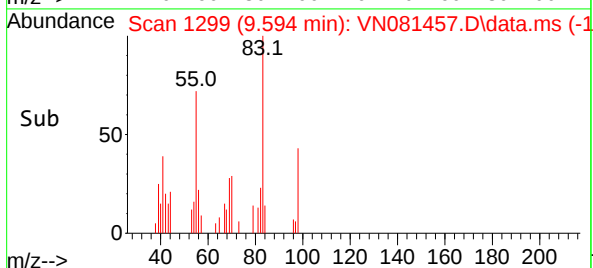
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

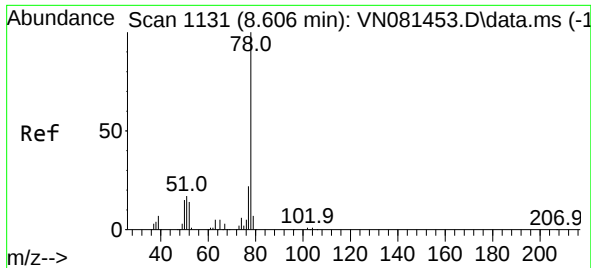


#39
Methylcyclohexane
Concen: 0.833 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02



Tgt Ion: 83 Resp: 6799
Ion Ratio Lower Upper
83 100
55 71.6 65.7 98.5
98 43.5 33.8 50.6





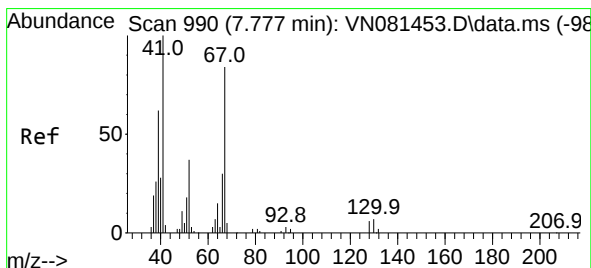
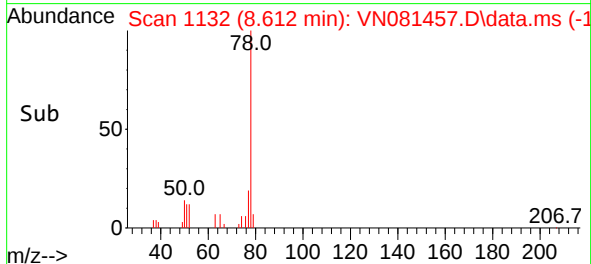
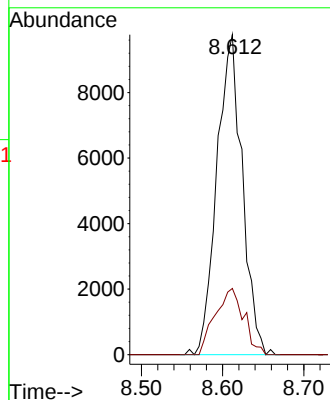
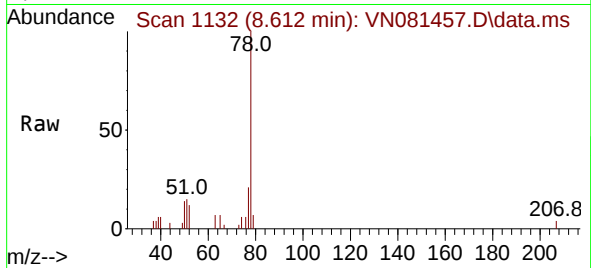
#40
Benzene
Concen: 0.990 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 2117
Ion Ratio Lower Upper
78 100
77 20.7 20.4 30.6

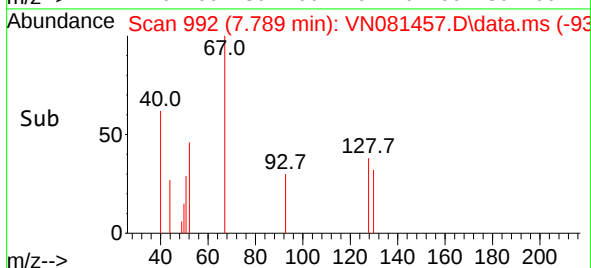
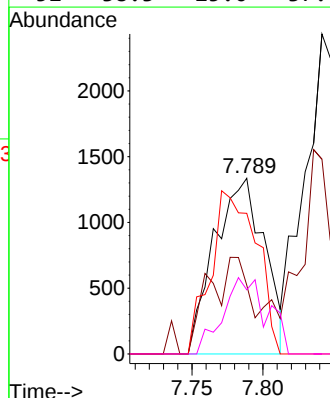
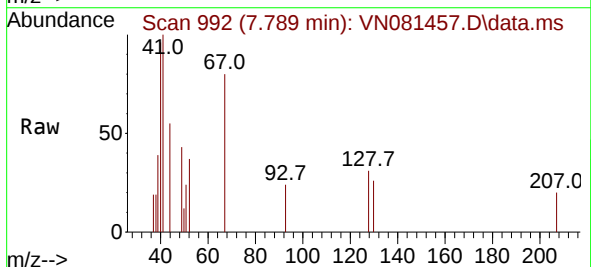
Manual Integrations
APPROVED

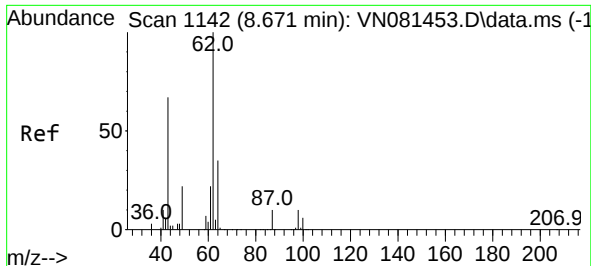
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#41
Methacrylonitrile
Concen: 0.986 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.012 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 41 Resp: 3263
Ion Ratio Lower Upper
41 100
39 47.9 48.4 72.6#
67 85.6 56.8 85.2#
52 38.3 25.0 37.4#





#42

1,2-Dichloroethane

Concen: 1.009 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 7589

Ion Ratio Lower Upper

62 100

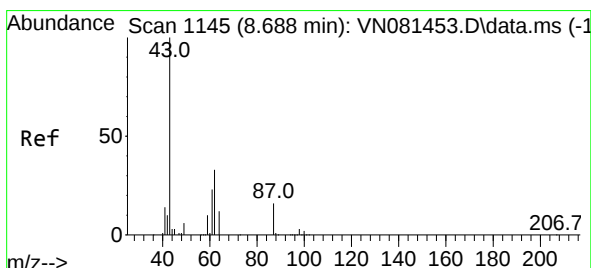
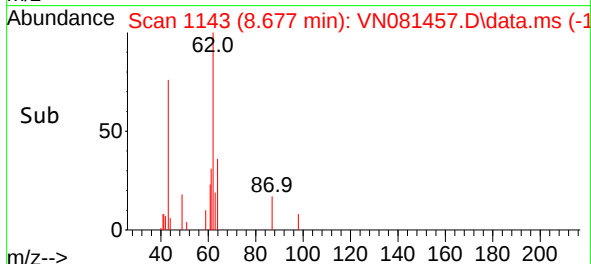
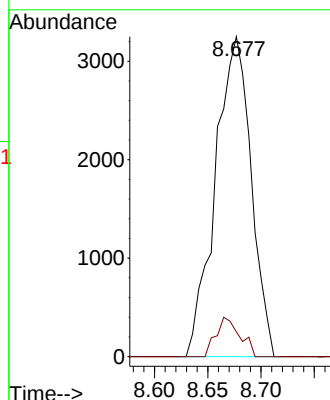
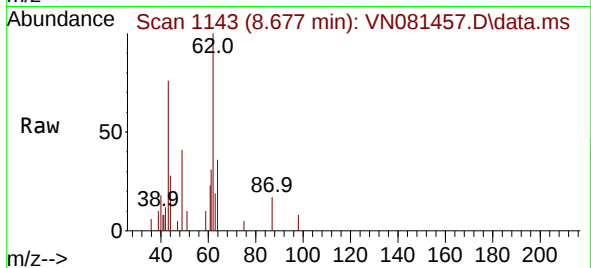
98 8.2 0.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#43

Isopropyl Acetate

Concen: 0.955 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

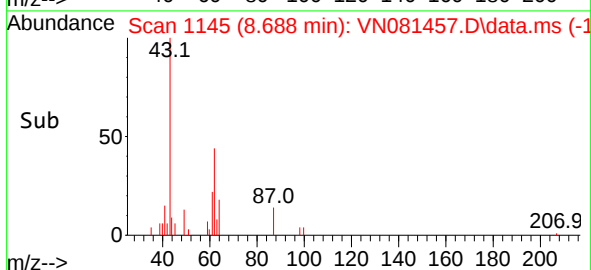
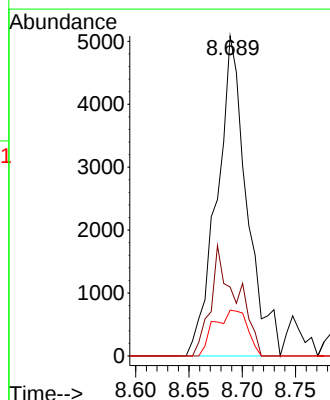
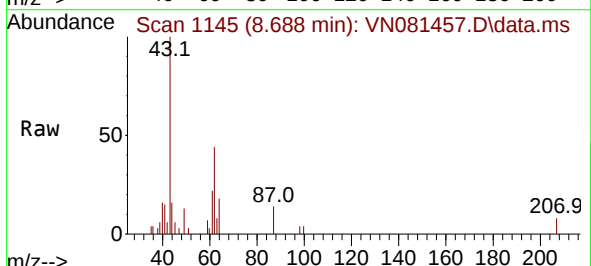
Tgt Ion: 43 Resp: 9911

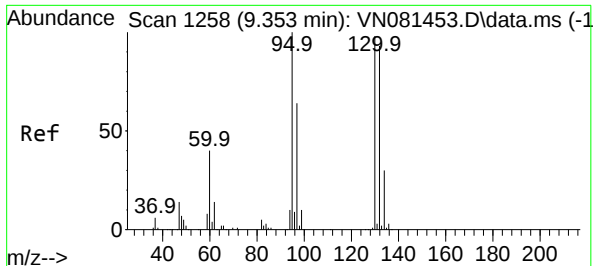
Ion Ratio Lower Upper

43 100

61 30.1 19.9 29.9#

87 15.8 9.0 13.6#





#44

Trichloroethene

Concen: 1.066 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:130 Resp: 6408

Ion Ratio Lower Upper

130 100

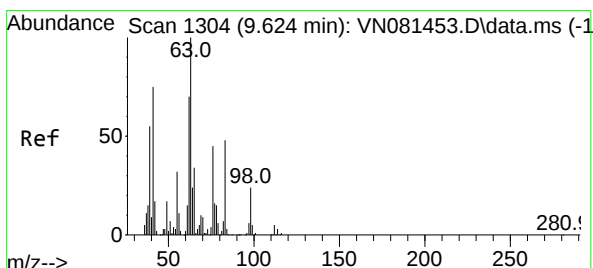
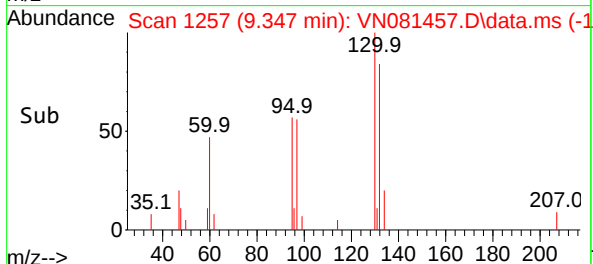
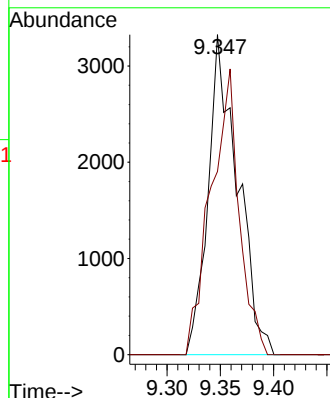
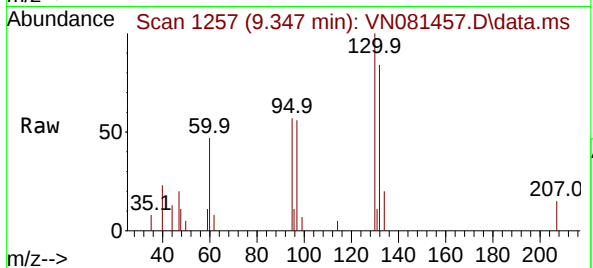
95 57.2 0.0 210.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#45

1,2-Dichloropropane

Concen: 0.927 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081457.D

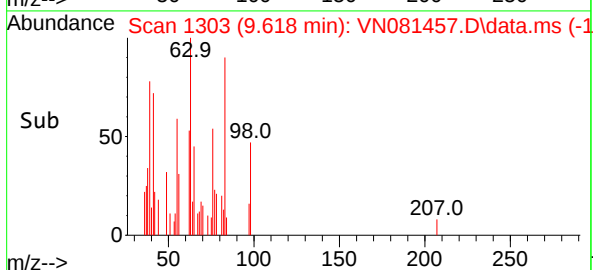
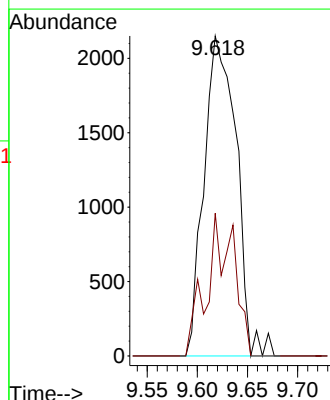
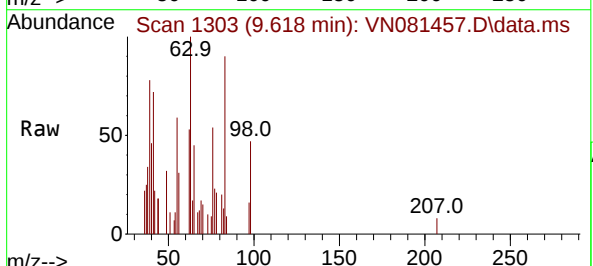
Acq: 18 Mar 2024 18:02

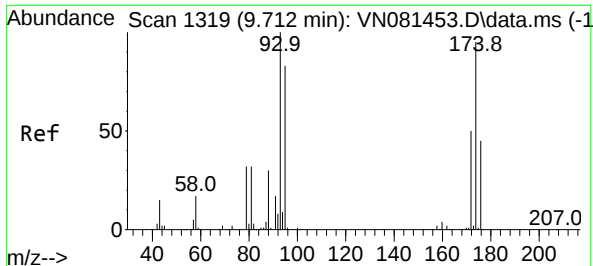
Tgt Ion: 63 Resp: 4800

Ion Ratio Lower Upper

63 100

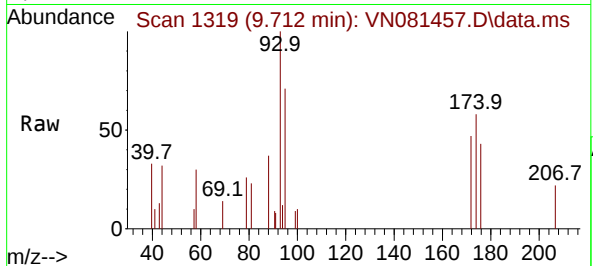
65 44.6 26.1 39.1#





#46
Dibromomethane
Concen: 1.019 ug/l
RT: 9.712 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

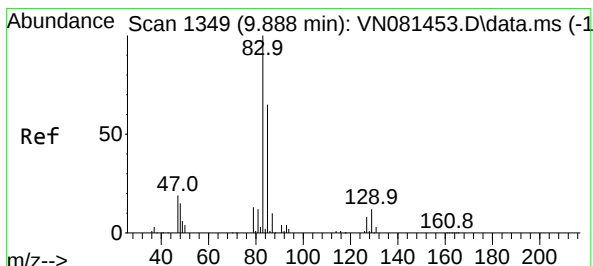
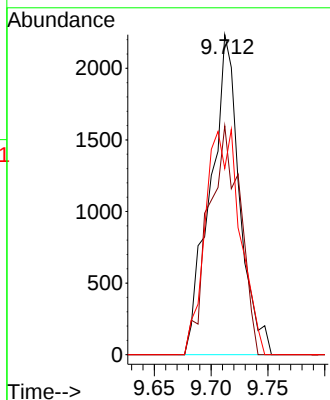
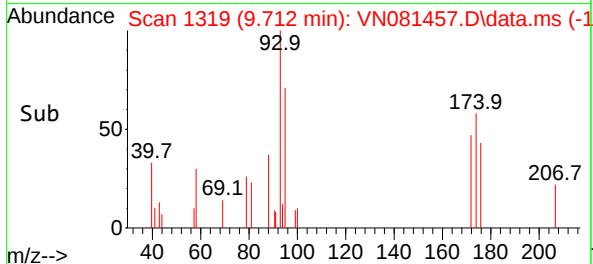
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 93 Resp: 4008
Ion Ratio Lower Upper
93 100
95 77.4 68.1 102.1
174 83.8 57.2 85.8

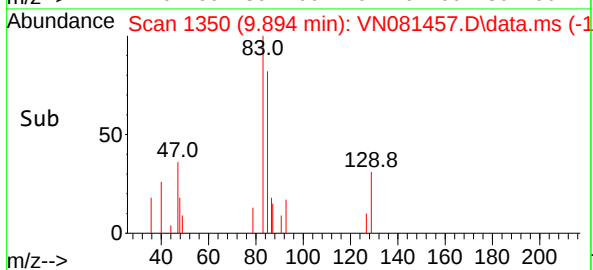
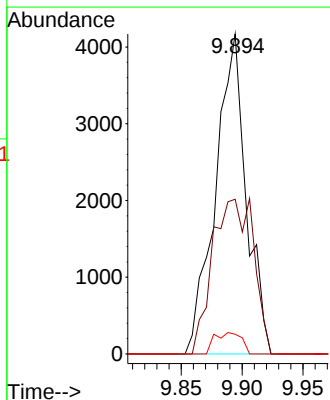
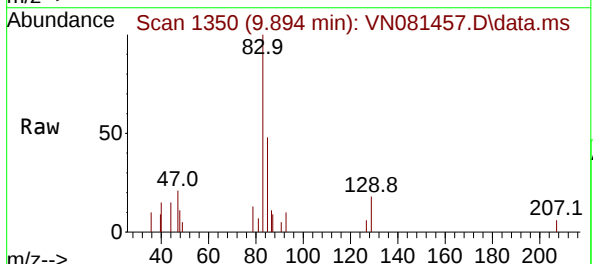
Manual Integrations
APPROVED

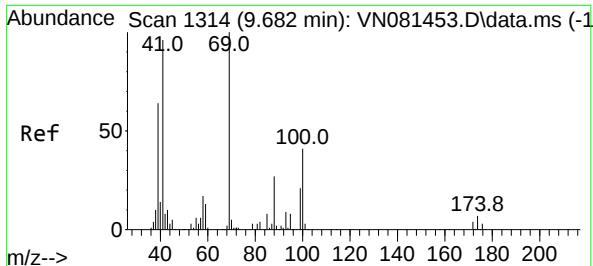
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#47
Bromodichloromethane
Concen: 0.955 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 83 Resp: 7347
Ion Ratio Lower Upper
83 100
85 48.3 52.3 78.5#
127 6.2 4.6 7.0





#48

Methyl methacrylate

Concen: 0.888 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

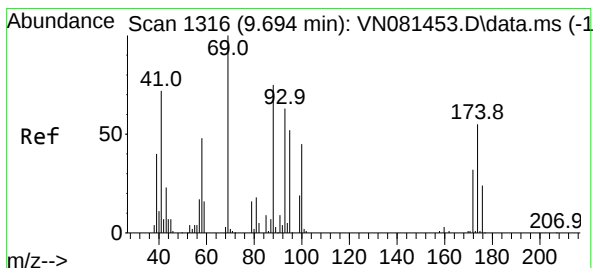
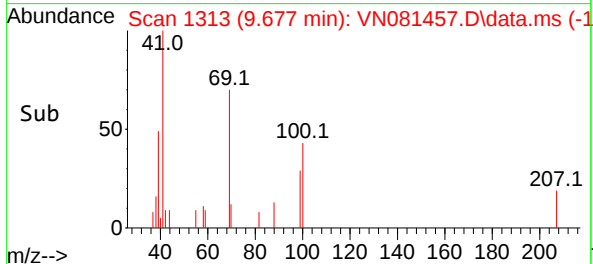
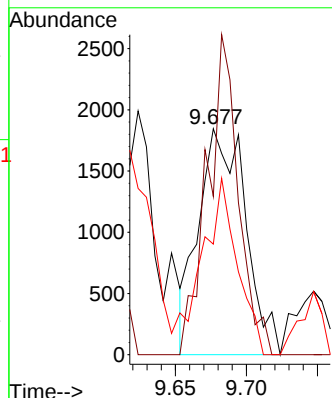
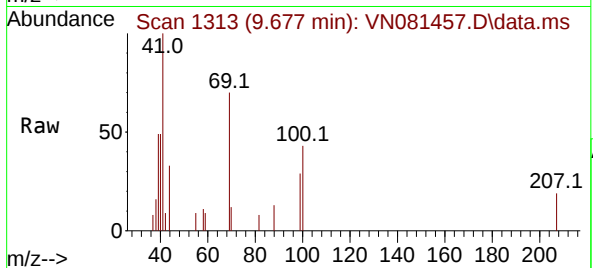
Tgt Ion:	41	Resp:	425
Ion Ratio	Lower	Upper	
41	100		
69	94.0	62.2	93.2
39	58.6	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#49

1,4-Dioxane

Concen: 17.213 ug/l m

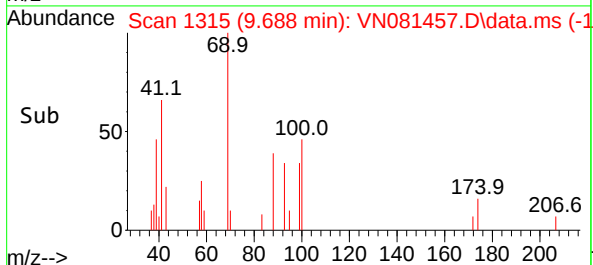
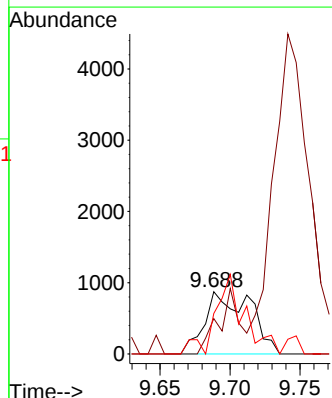
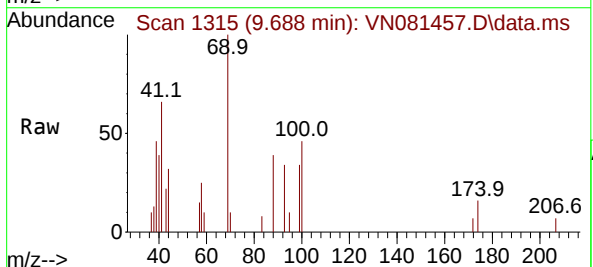
RT: 9.688 min Scan# 1315

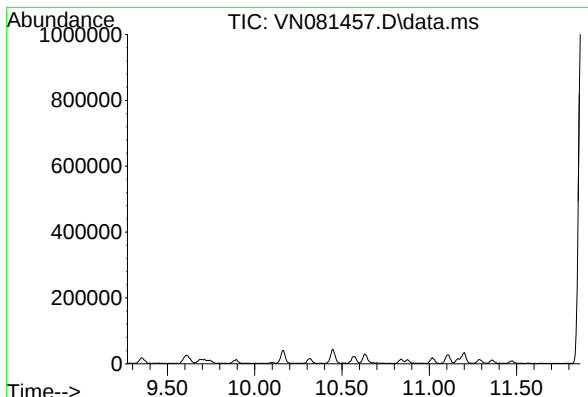
Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Tgt Ion:	88	Resp:	1980
Ion Ratio	Lower	Upper	
88	100		
43	47.8	30.1	45.1
58	82.0	63.9	95.9





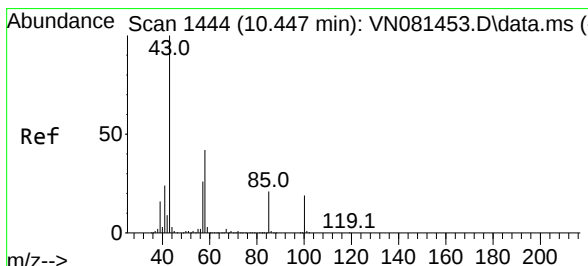
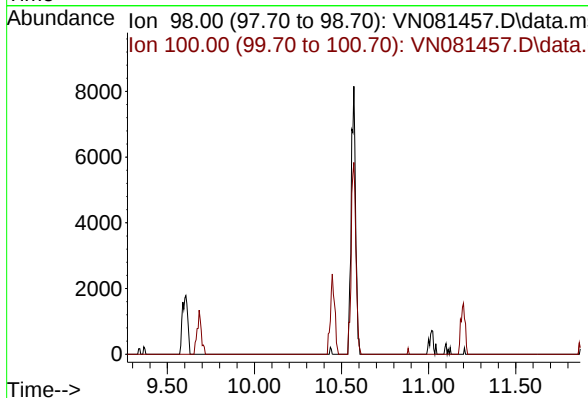
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Instrument : MSVOA_N
 ClientSampleId : VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 64.2

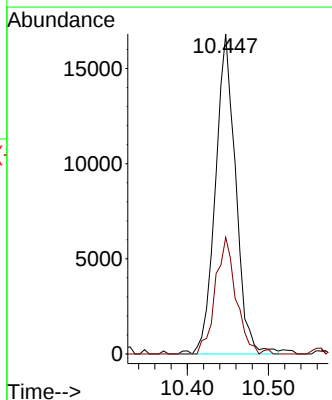
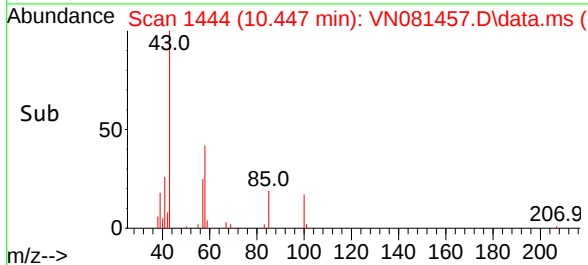
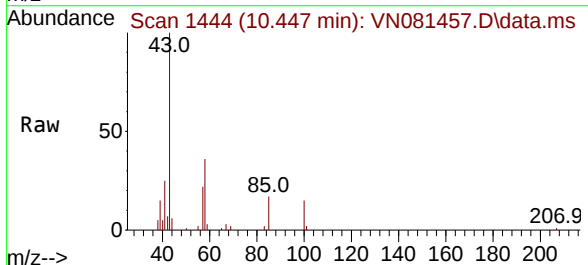
Manual Integrations
 APPROVED

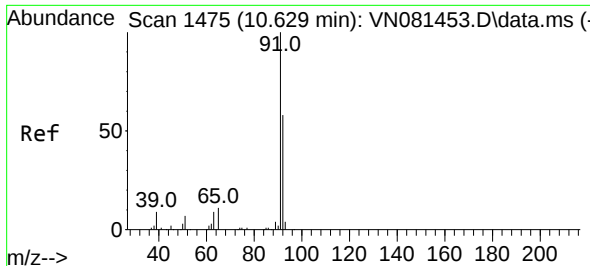
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#51
 4-Methyl-2-Pentanone
 Concen: 4.617 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

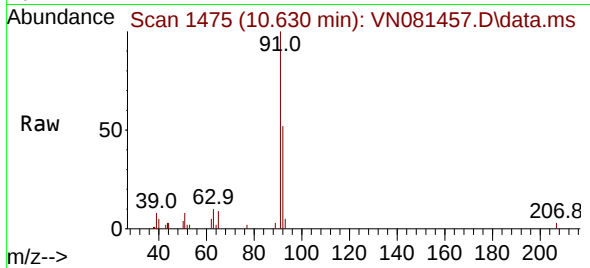
Tgt Ion: 43 Resp: 29233
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.4 44.0





#52
Toluene
Concen: 0.931 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

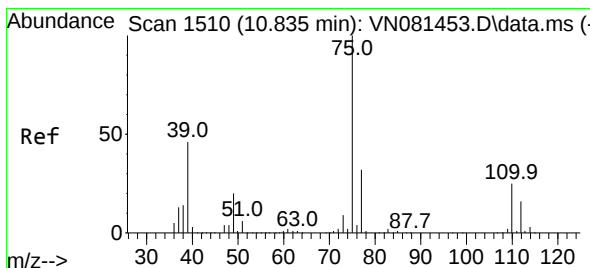
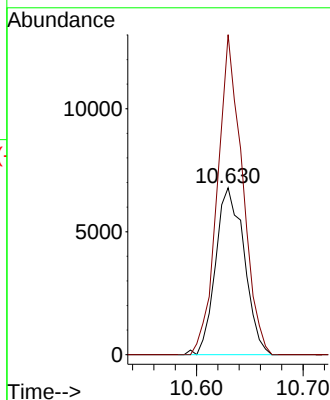
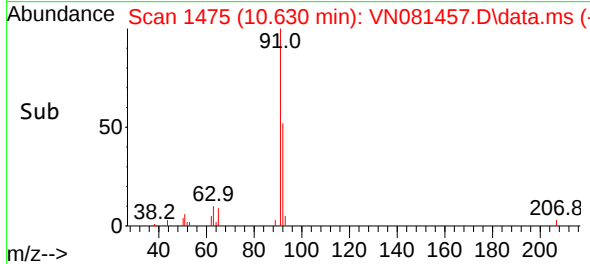
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 1265
Ion Ratio Lower Upper
92 100
91 167.3 139.4 209.0

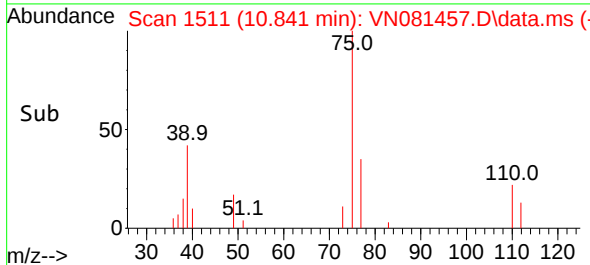
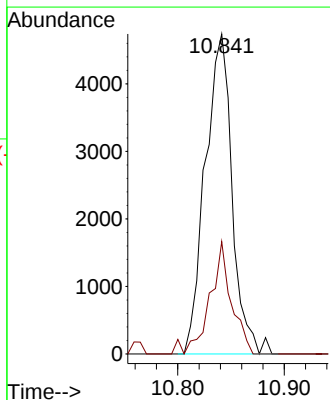
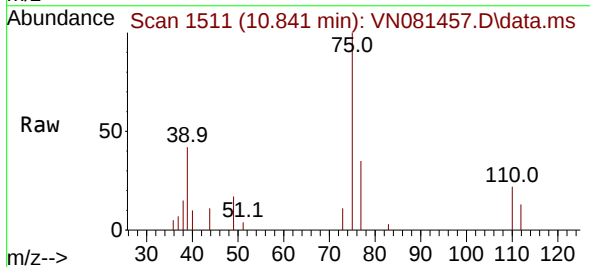
Manual Integrations
APPROVED

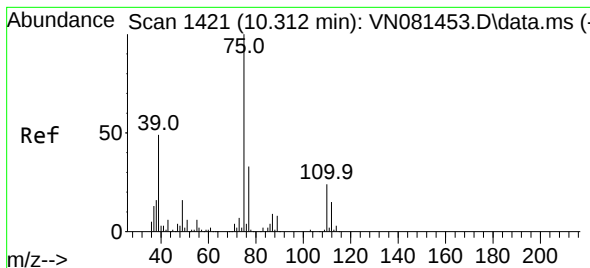
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#53
t-1,3-Dichloropropene
Concen: 0.999 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

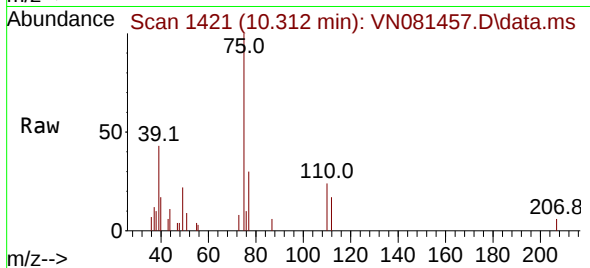
Tgt Ion: 75 Resp: 8295
Ion Ratio Lower Upper
75 100
77 35.1 25.5 38.3





#54
cis-1,3-Dichloropropene
Concen: 0.925 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

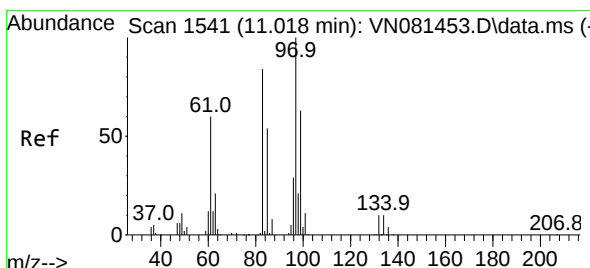
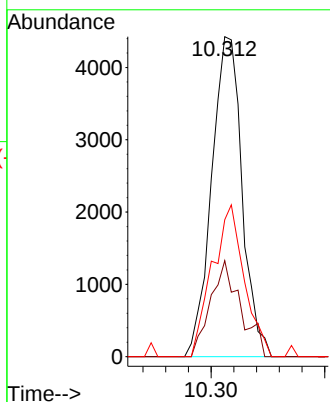
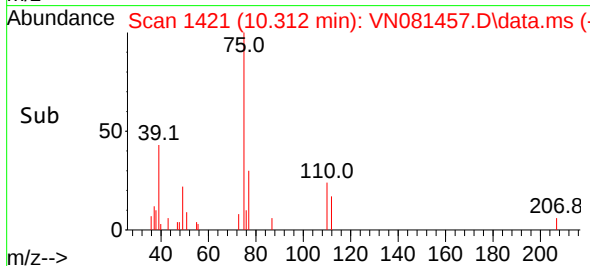
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 8238
Ion Ratio Lower Upper
75 100
77 30.0 23.3 34.9
39 42.8 44.6 66.8

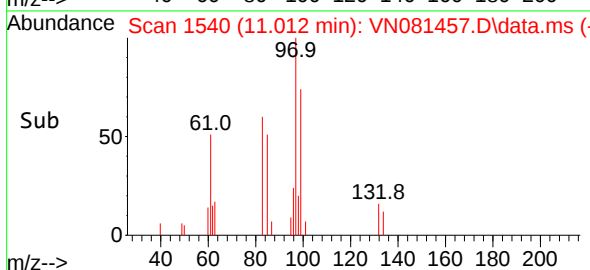
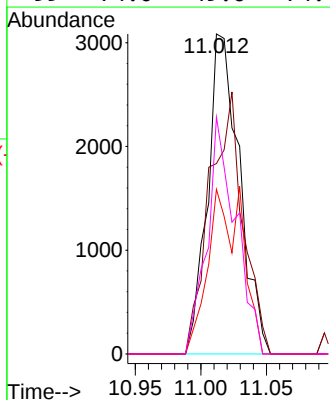
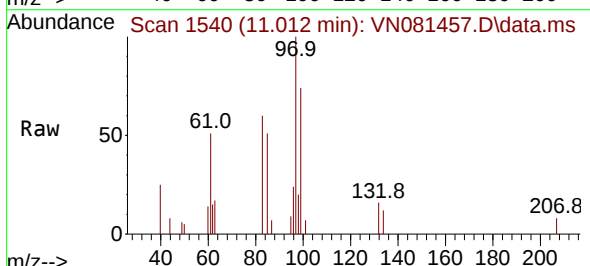
Manual Integrations
APPROVED

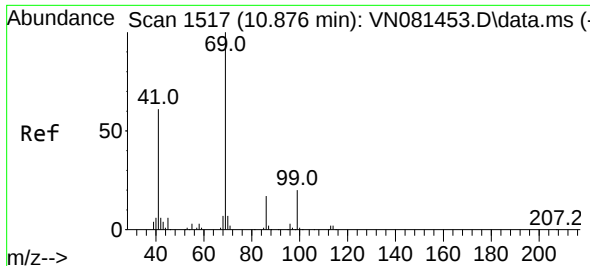
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#55
1,1,2-Trichloroethane
Concen: 0.955 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 97 Resp: 5220
Ion Ratio Lower Upper
97 100
83 59.5 72.9 109.3#
85 51.4 50.2 75.2
99 74.0 49.6 74.4





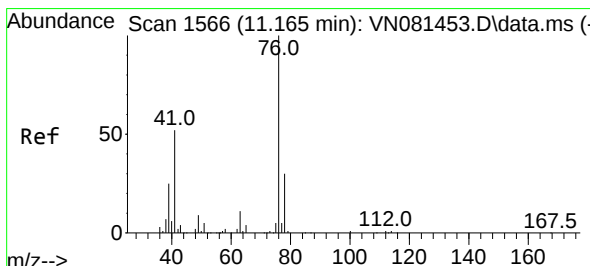
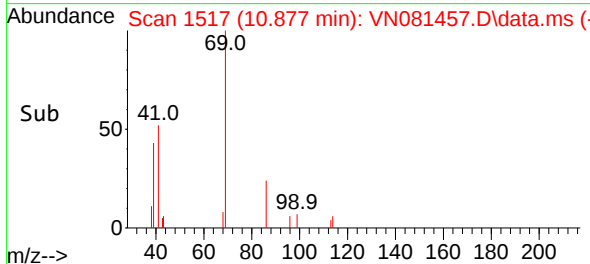
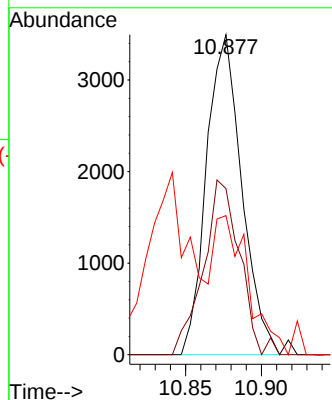
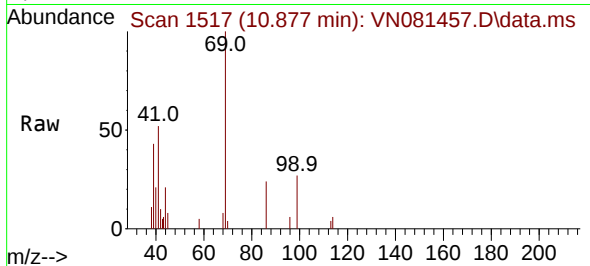
#56
Ethyl methacrylate
Concen: 1.331 ug/l m
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 566
Ion Ratio Lower Upper
69 100
41 56.0 61.0 91.6
39 41.5 31.8 47.6

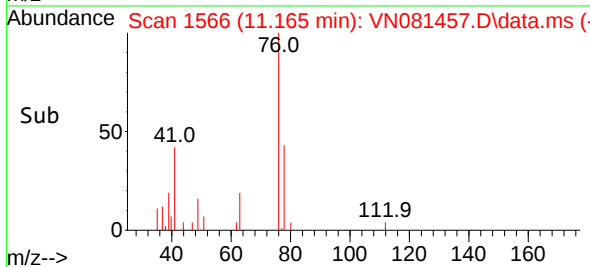
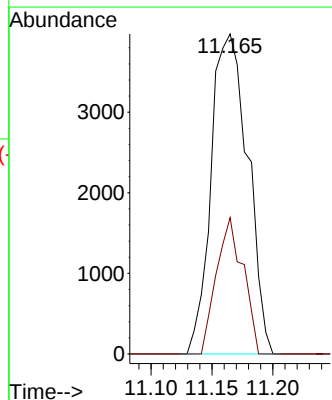
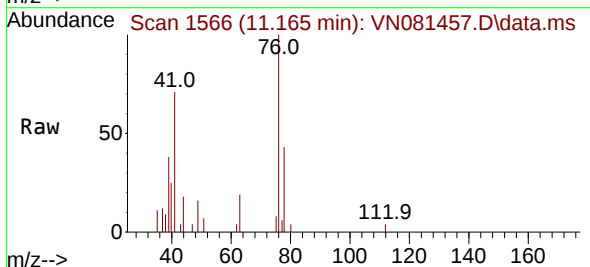
Manual Integrations
APPROVED

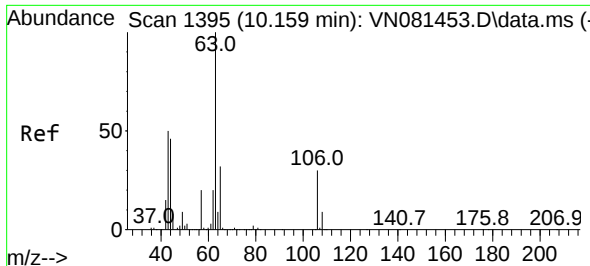
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#57
1,3-Dichloropropane
Concen: 0.927 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

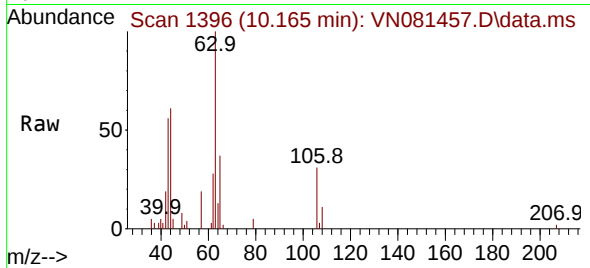
Tgt Ion: 76 Resp: 8308
Ion Ratio Lower Upper
76 100
78 31.0 25.5 38.3





#58
2-Chloroethyl Vinyl ether
Concen: 4.907 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

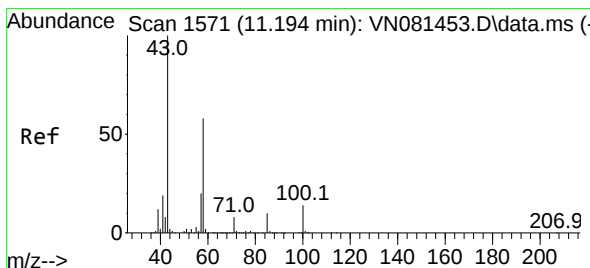
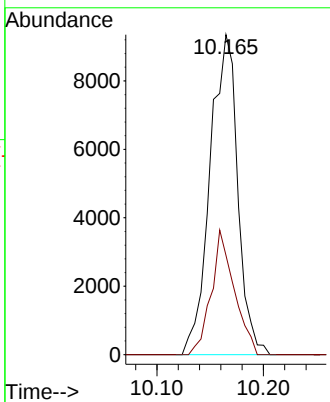
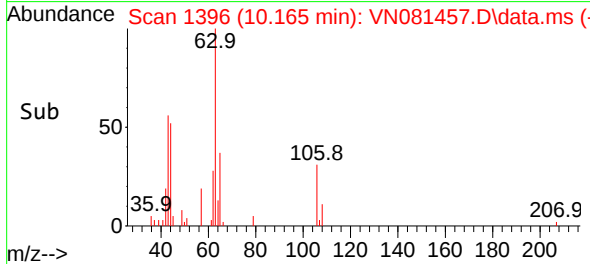
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 63 Resp: 1688
Ion Ratio Lower Upper
63 100
106 32.4 18.6 28.0

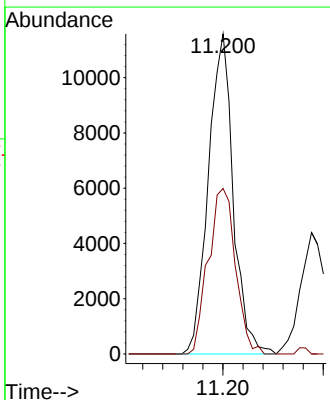
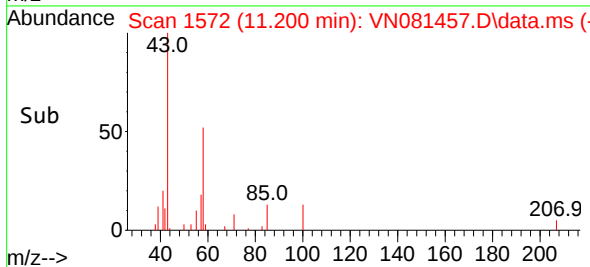
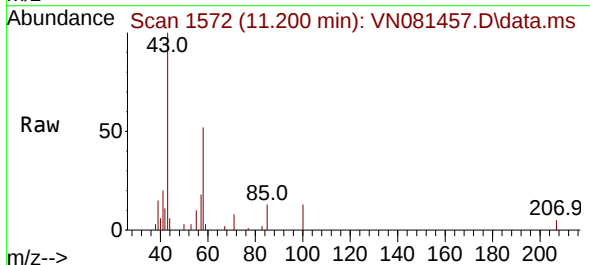
Manual Integrations
APPROVED

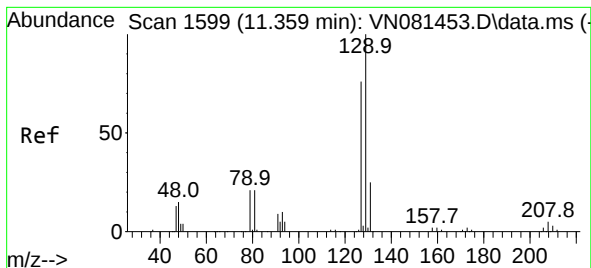
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#59
2-Hexanone
Concen: 4.247 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

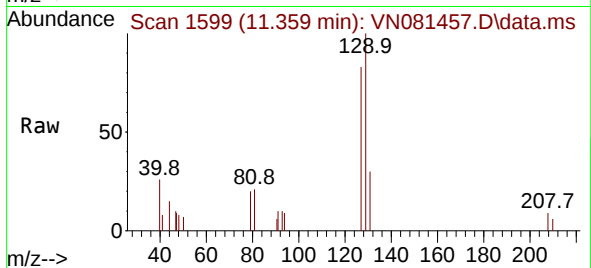
Tgt Ion: 43 Resp: 19881
Ion Ratio Lower Upper
43 100
58 56.7 25.9 77.8





#60
Dibromochloromethane
Concen: 1.018 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

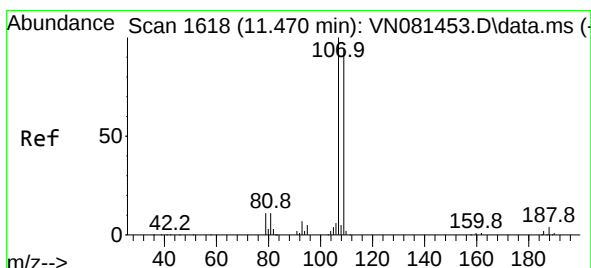
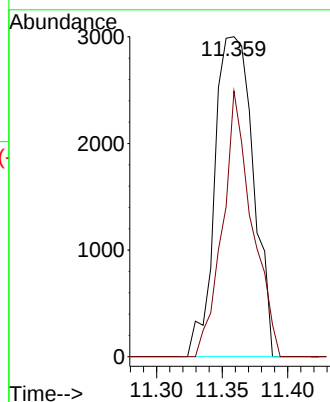
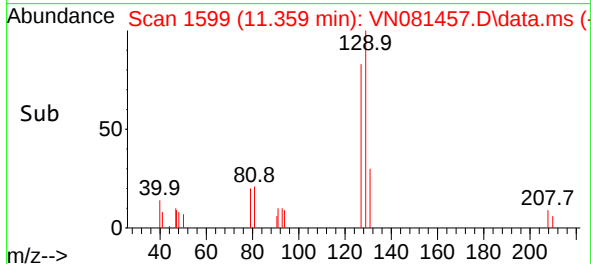
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



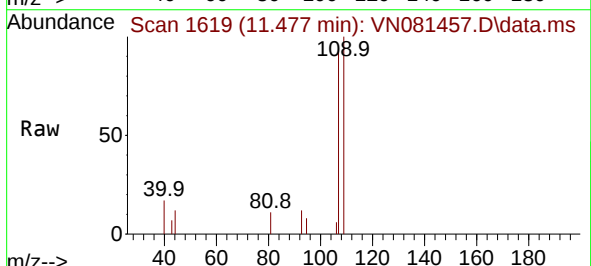
Tgt Ion:129 Resp: 612
Ion Ratio Lower Upper
129 100
127 63.4 39.4 118.2

Manual Integrations
APPROVED

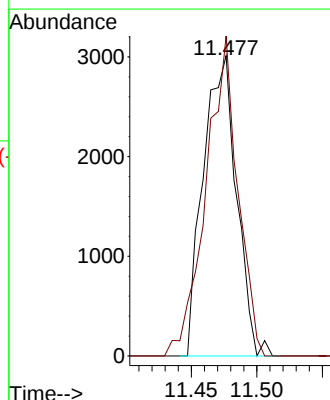
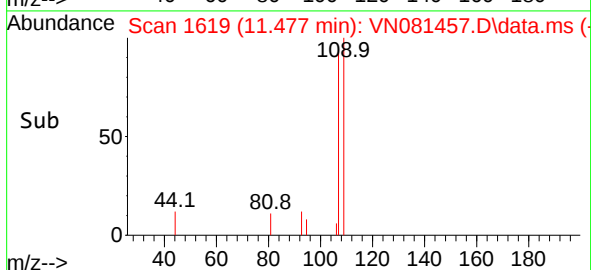
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

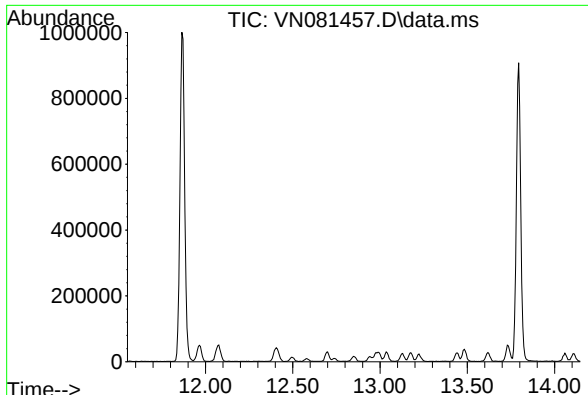


#61
1,2-Dibromoethane
Concen: 0.952 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02



Tgt Ion:107 Resp: 5308
Ion Ratio Lower Upper
107 100
109 102.0 73.4 110.2





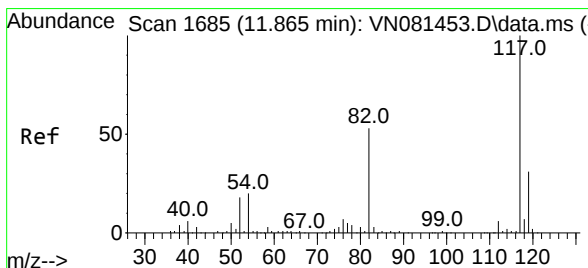
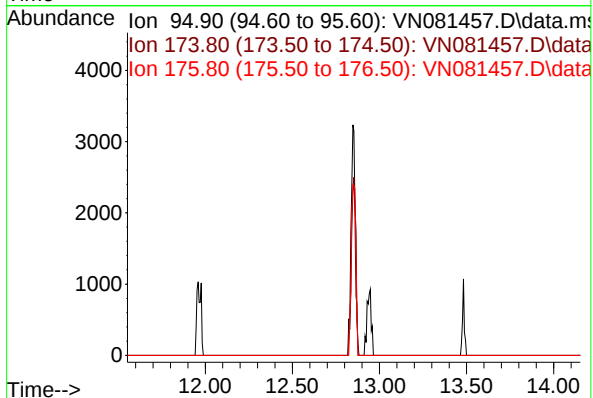
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 60.2
 176 60.5

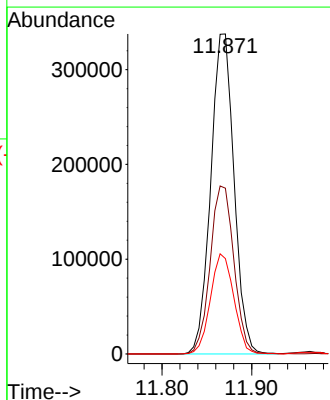
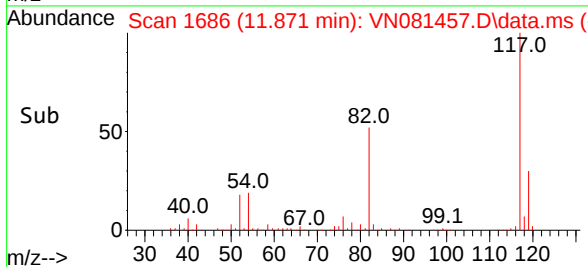
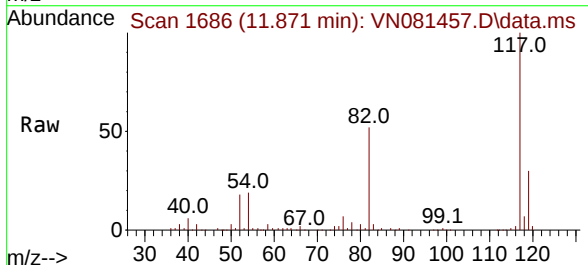
Manual Integrations
 APPROVED

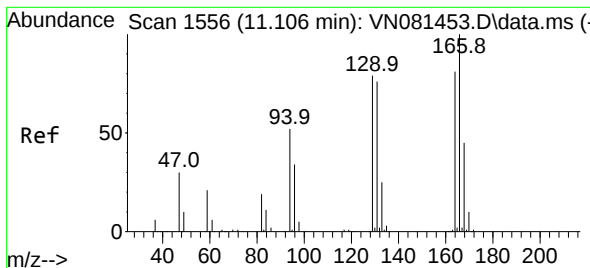
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion:117 Resp: 609294
 Ion Ratio Lower Upper
 117 100
 82 51.8 52.7 79.1#
 119 29.8 25.3 37.9





#64

Tetrachloroethene

Concen: 1.042 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN081457.D

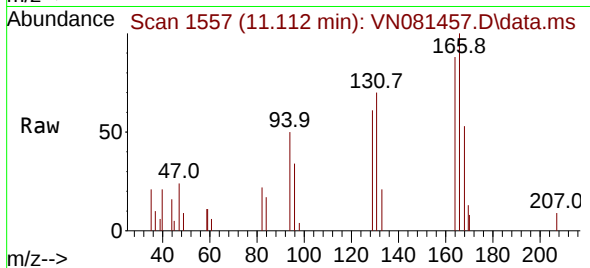
Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



Tgt Ion:164 Resp: 606

Ion Ratio Lower Upper

164 100

166 113.6 105.8 158.6

129 69.3 89.6 134.4

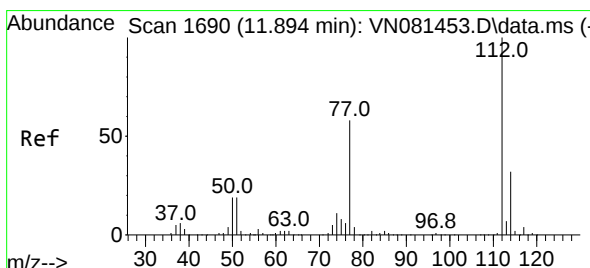
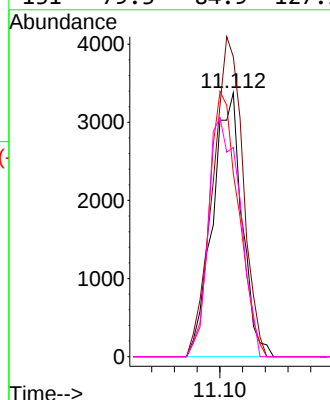
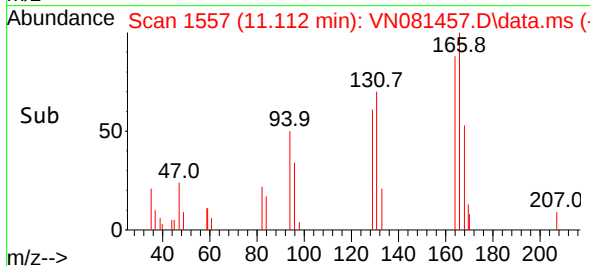
131 79.3 84.9 127.3

Manual Integrations

APPROVED

Reviewed By :John Carbone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#65

Chlorobenzene

Concen: 0.996 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.006 min

Lab File: VN081457.D

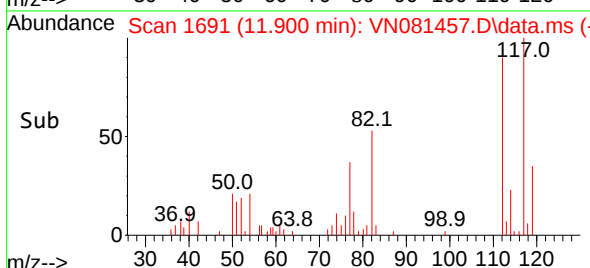
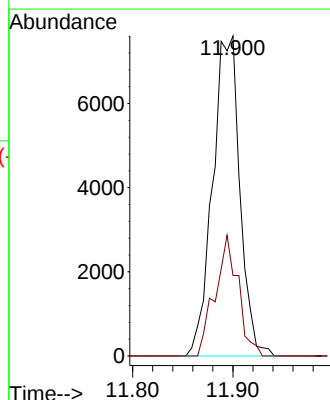
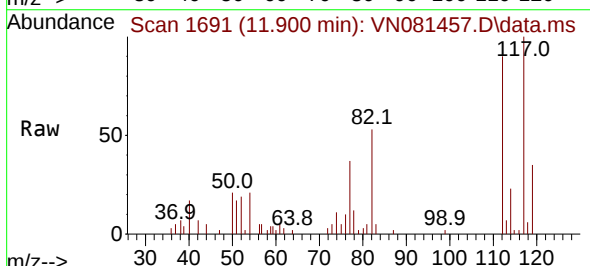
Acq: 18 Mar 2024 18:02

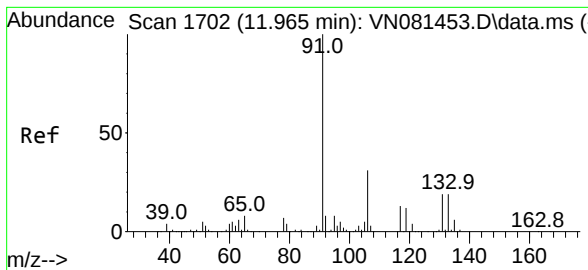
Tgt Ion:112 Resp: 14353

Ion Ratio Lower Upper

112 100

114 25.2 23.7 35.5





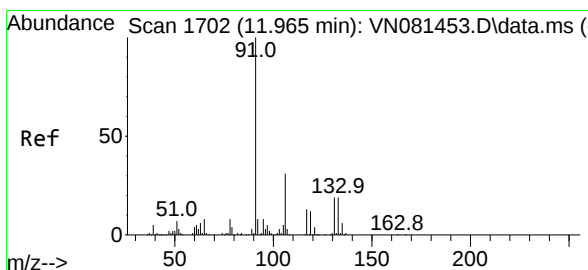
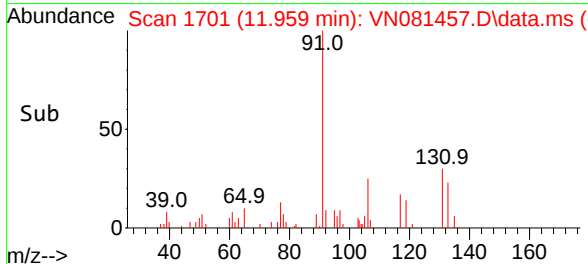
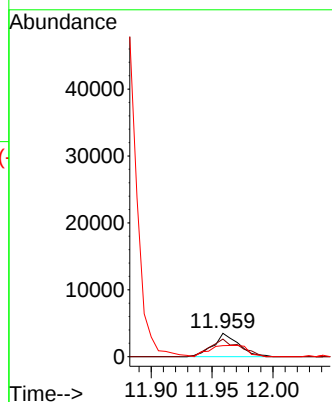
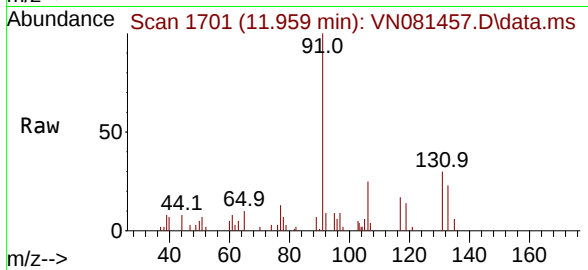
#66
1,1,1,2-Tetrachloroethane
Concen: 0.950 ug/l
RT: 11.959 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 5073
Ion Ratio Lower Upper
131 100
133 88.0 46.8 140.3
119 0.0 34.6 103.9

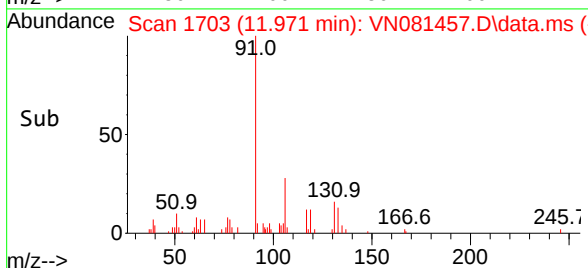
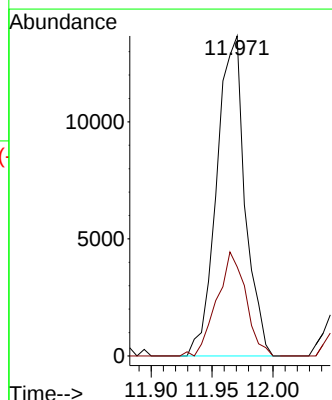
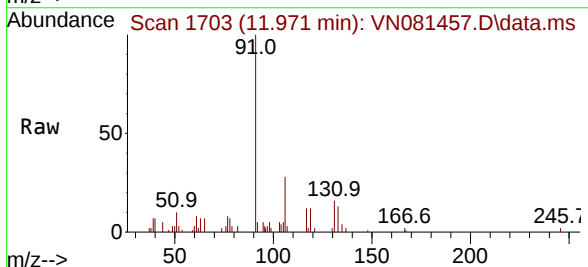
Manual Integrations
APPROVED

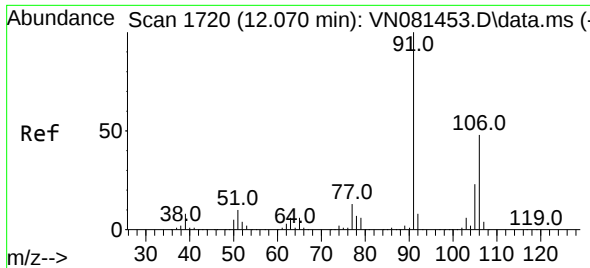
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#67
Ethyl Benzene
Concen: 0.886 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 91 Resp: 22176
Ion Ratio Lower Upper
91 100
106 27.9 23.8 35.6





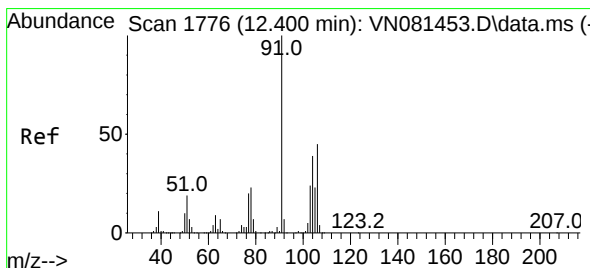
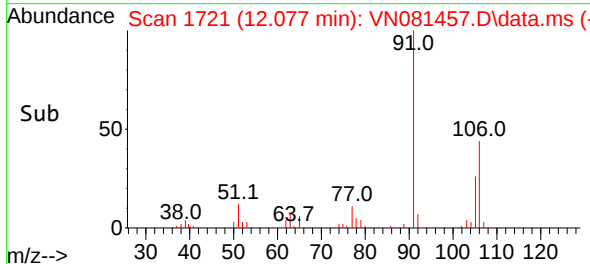
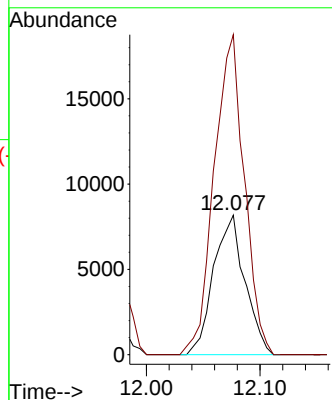
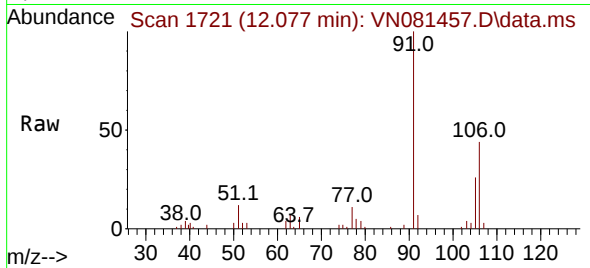
#68
m/p-Xylenes
Concen: 1.671 ug/l
RT: 12.077 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 15670
Ion Ratio Lower Upper
106 100
91 221.5 169.0 253.6

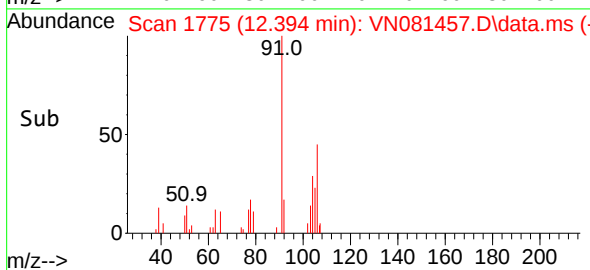
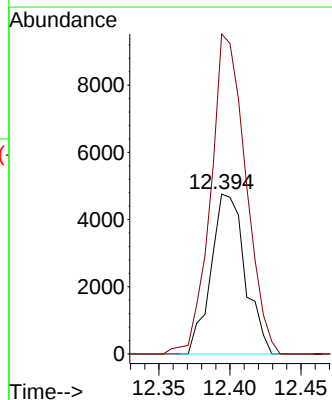
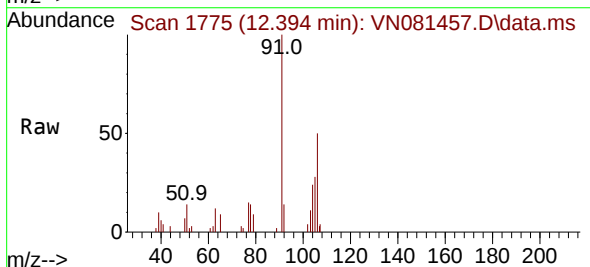
Manual Integrations
APPROVED

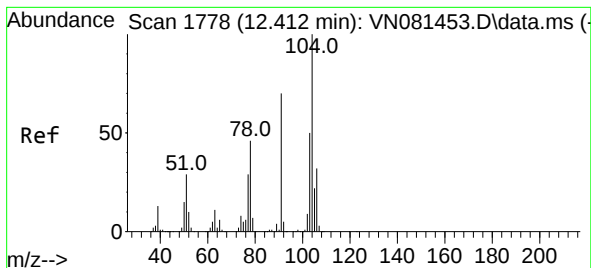
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#69
o-Xylene
Concen: 0.862 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:106 Resp: 7941
Ion Ratio Lower Upper
106 100
91 205.8 112.1 336.3





#70

Styrene

Concen: 0.825 ug/l

RT: 12.418 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

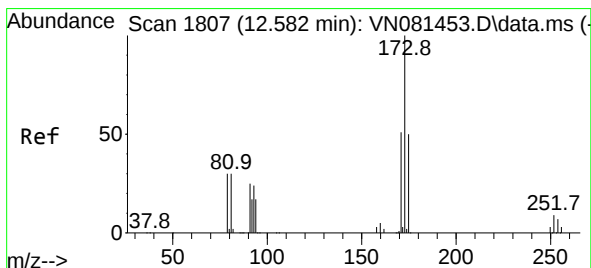
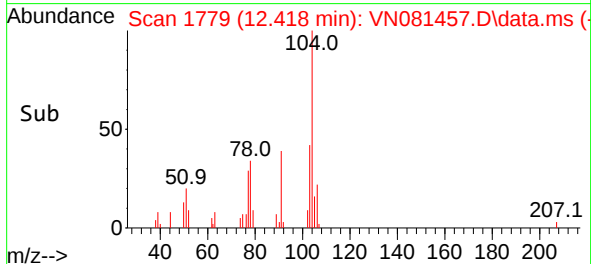
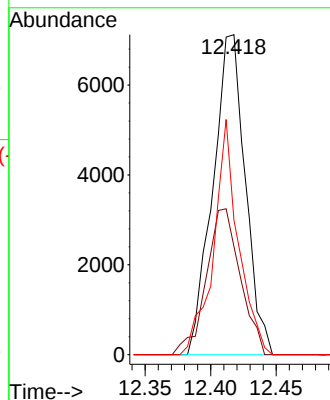
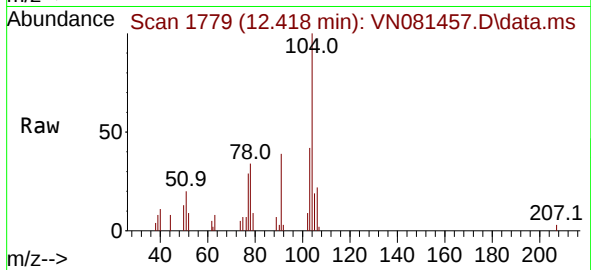
Tgt Ion:	104	Resp:	1224
Ion Ratio	Lower	Upper	
104	100		
78	47.8	43.8	65.8
103	56.1	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#71

Bromoform

Concen: 0.978 ug/l

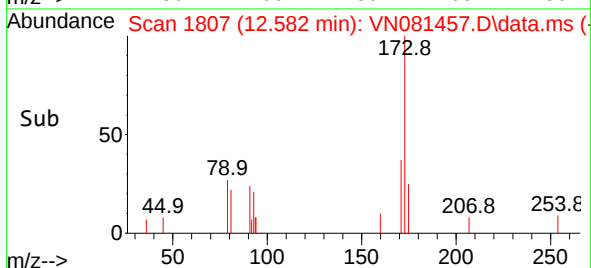
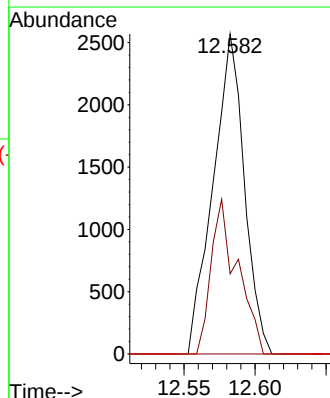
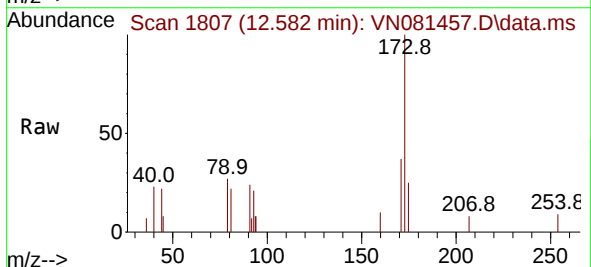
RT: 12.582 min Scan# 1807

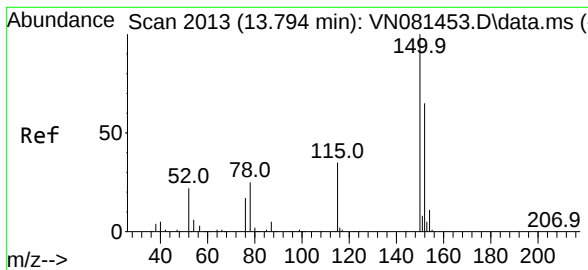
Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

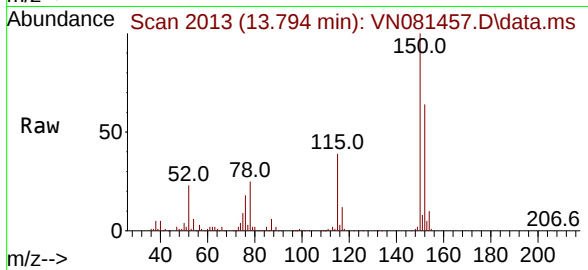
Tgt Ion:	173	Resp:	3922
Ion Ratio	Lower	Upper	
173	100		
175	40.9	23.1	69.2
254	0.0	0.0	0.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

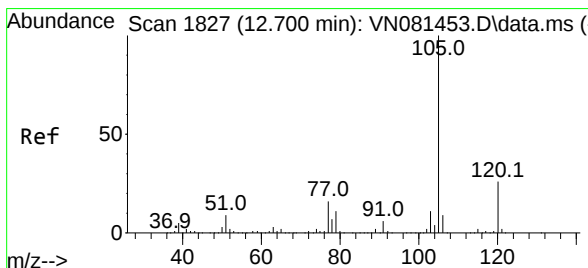
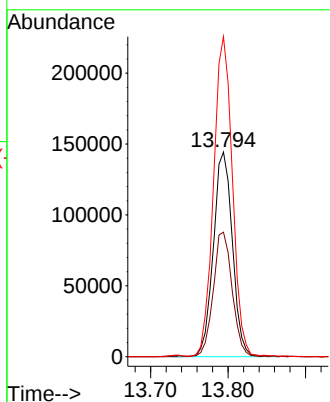
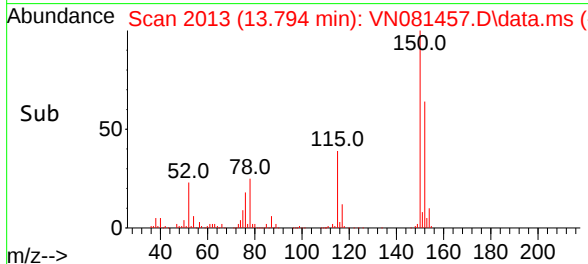
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



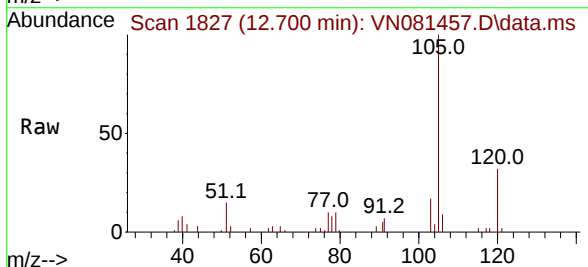
Tgt Ion:152 Resp: 245978
 Ion Ratio Lower Upper
 152 100
 115 60.5 32.3 96.8
 150 155.3 0.0 339.8

Manual Integrations
 APPROVED

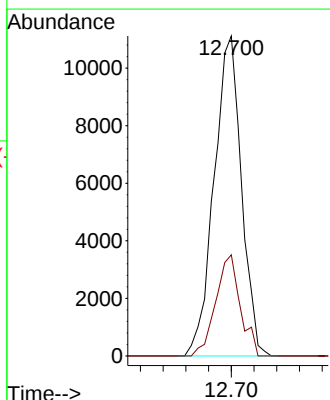
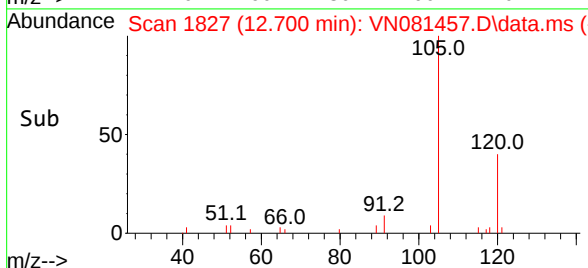
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024

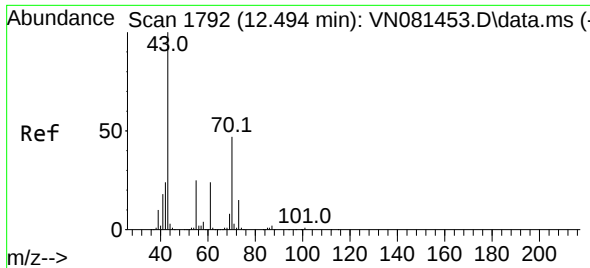


#73
 Isopropylbenzene
 Concen: 0.886 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02



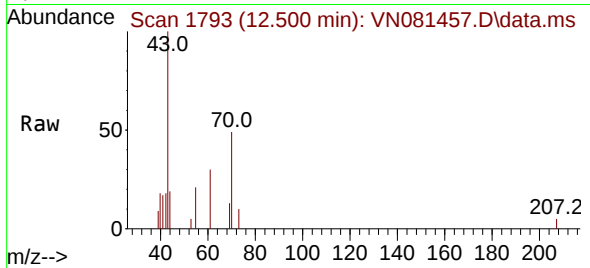
Tgt Ion:105 Resp: 18580
 Ion Ratio Lower Upper
 105 100
 120 28.3 12.6 37.6





#74
N-amy1 acetate
Concen: 0.892 ug/l
RT: 12.500 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

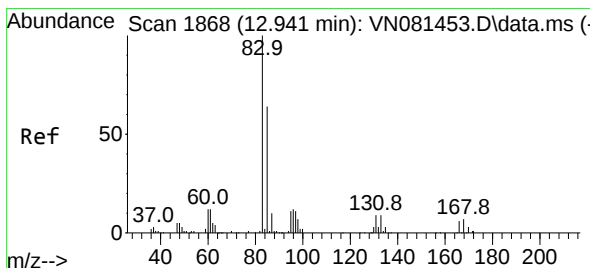
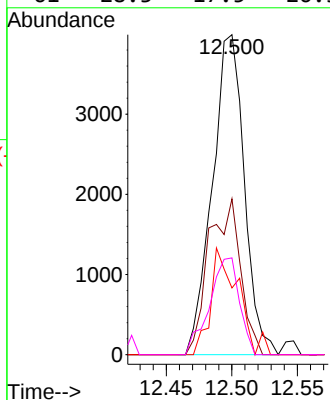
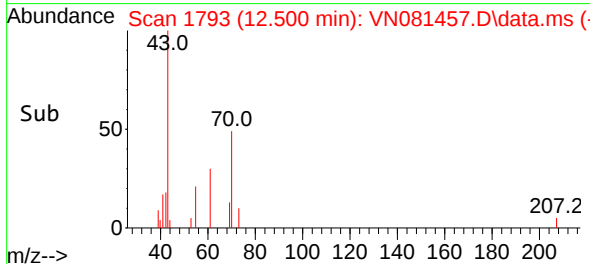
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 6769
Ion Ratio Lower Upper
43 100
70 48.4 30.1 45.1
55 28.6 17.0 25.4
61 28.3 17.5 26.3

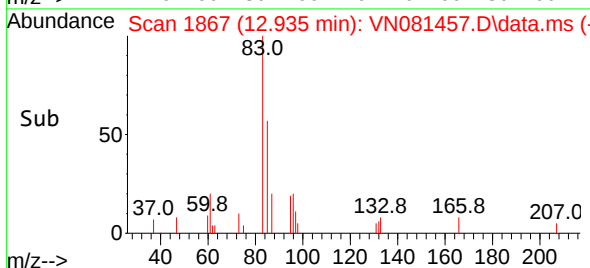
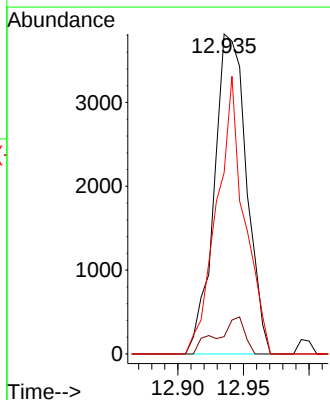
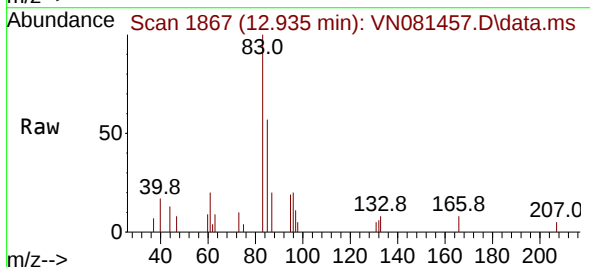
Manual Integrations
APPROVED

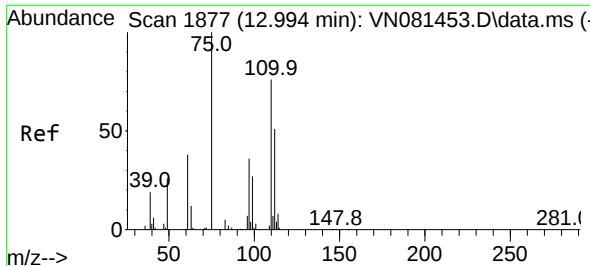
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 1.066 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

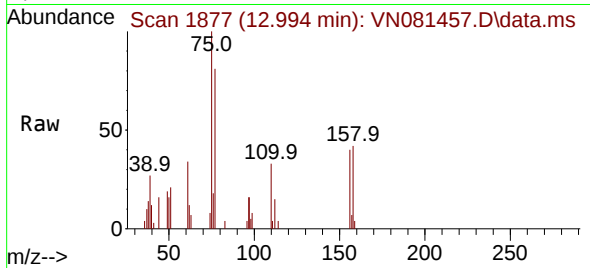
Tgt Ion: 83 Resp: 6572
Ion Ratio Lower Upper
83 100
131 9.7 4.1 12.3
85 73.9 32.1 96.3





#76
1,2,3-Trichloropropane
Concen: 1.028 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

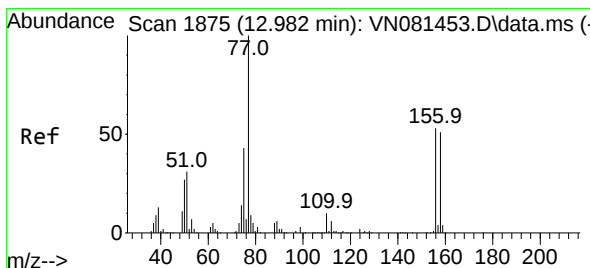
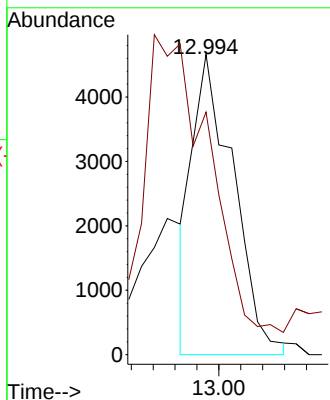
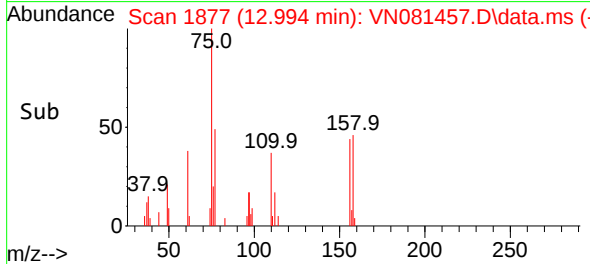
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 603
Ion Ratio Lower Upper
75 100
77 0.0 91.0 272.8

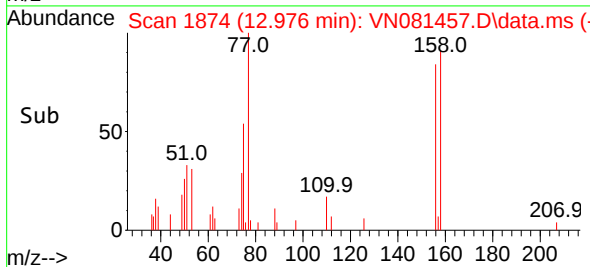
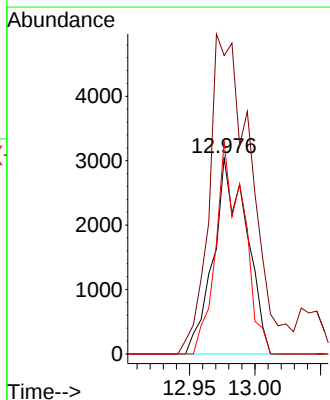
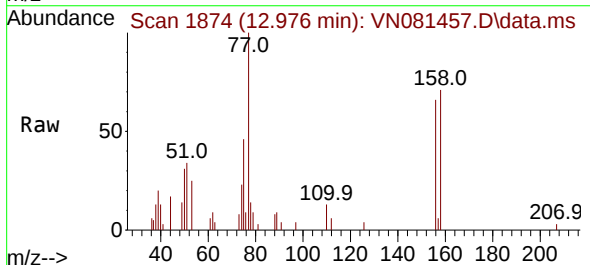
Manual Integrations
APPROVED

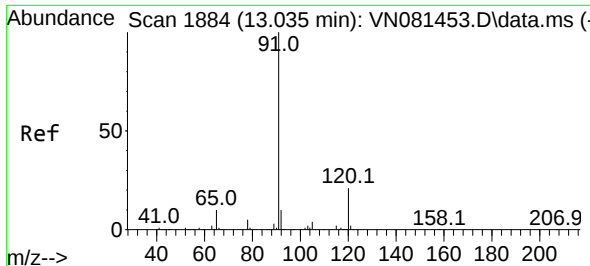
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#77
Bromobenzene
Concen: 1.032 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:156 Resp: 5347
Ion Ratio Lower Upper
156 100
77 205.5 138.1 414.3
158 91.0 46.5 139.5





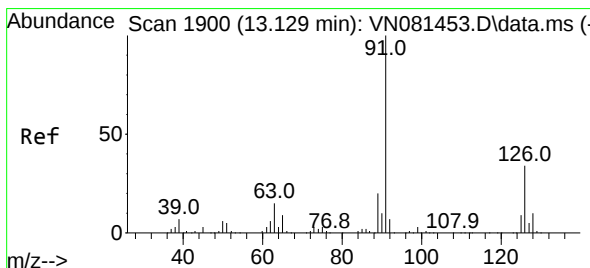
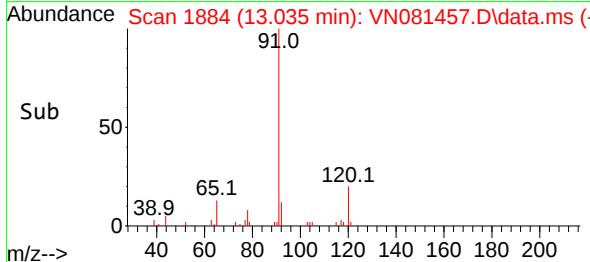
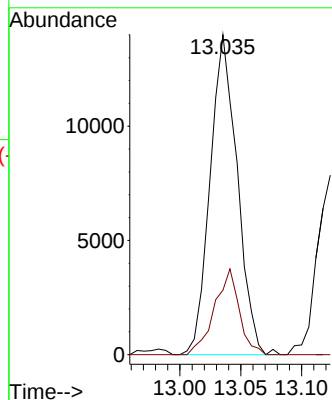
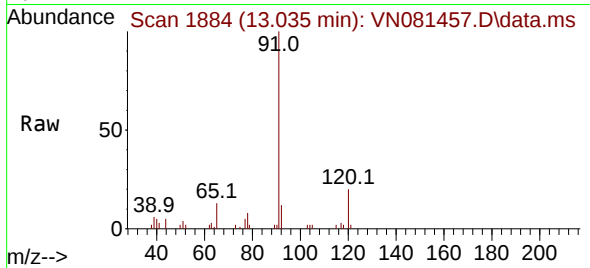
#78
n-propylbenzene
Concen: 0.878 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 2174
Ion Ratio Lower Upper
91 100
120 24.4 10.3 30.9

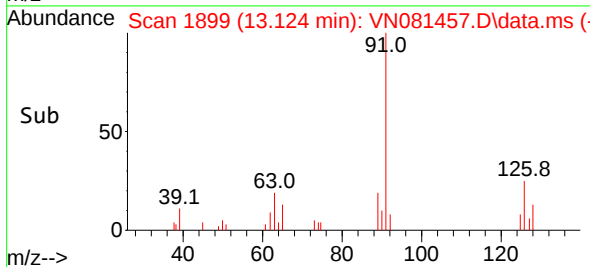
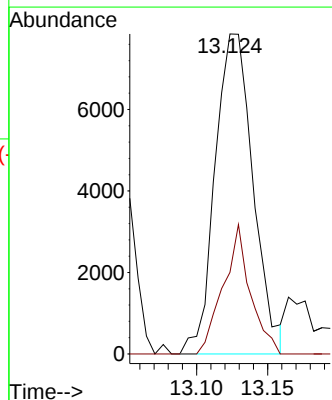
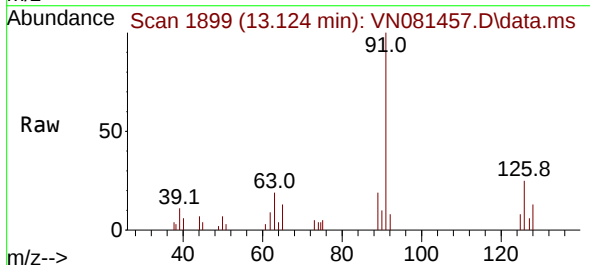
Manual Integrations
APPROVED

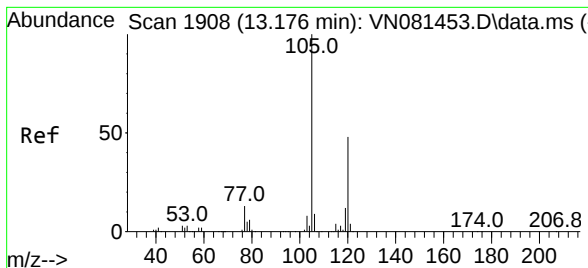
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#79
2-Chlorotoluene
Concen: 0.988 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 91 Resp: 14649
Ion Ratio Lower Upper
91 100
126 28.6 14.8 44.4





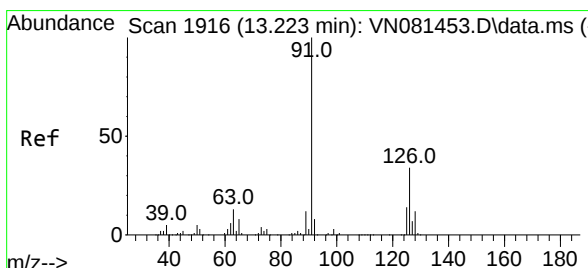
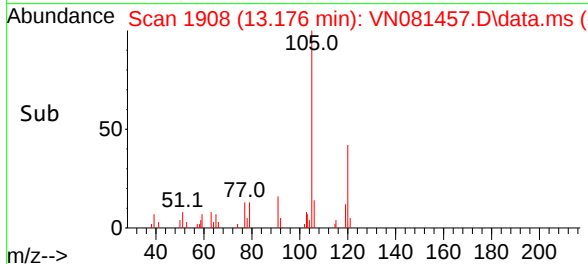
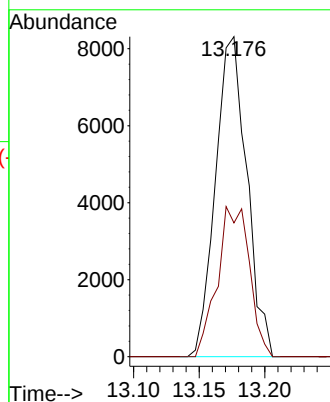
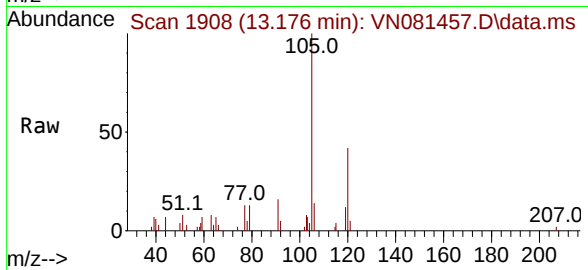
#80
1,3,5-Trimethylbenzene
Concen: 0.796 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 1378
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0

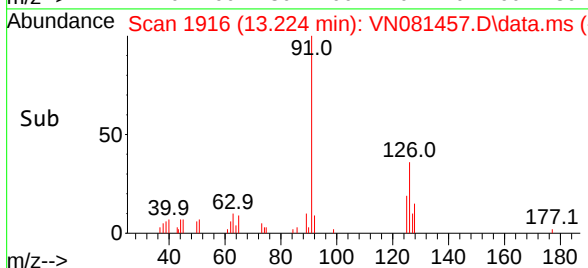
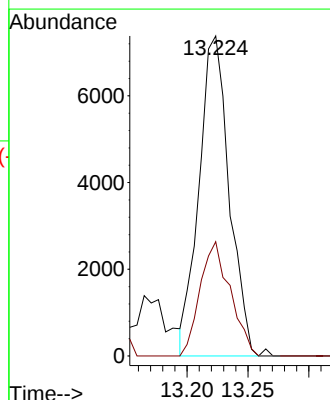
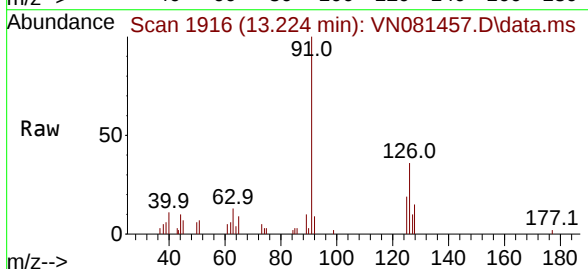
Manual Integrations
APPROVED

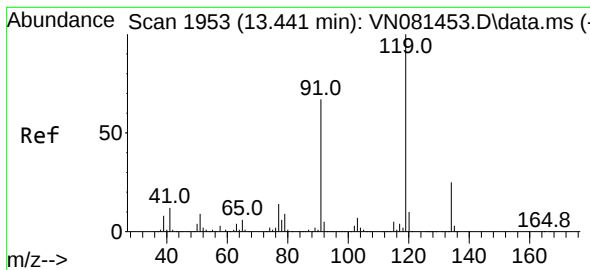
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#82
4-Chlorotoluene
Concen: 0.874 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion: 91 Resp: 12775
Ion Ratio Lower Upper
91 100
126 35.7 15.3 45.9





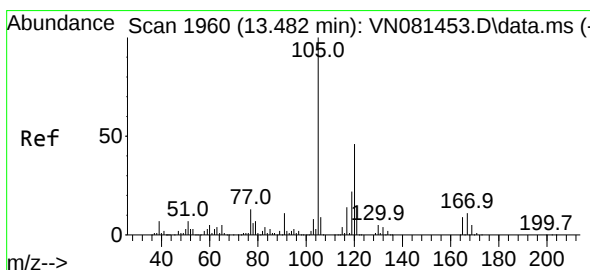
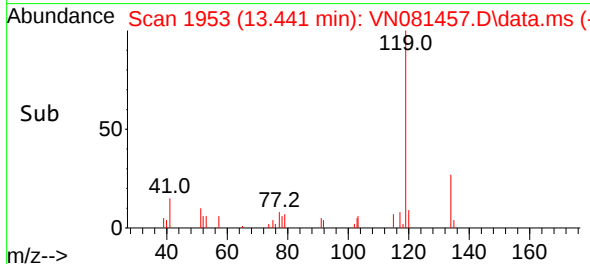
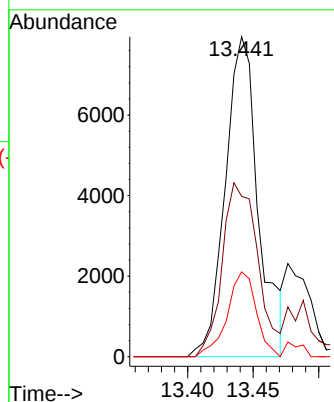
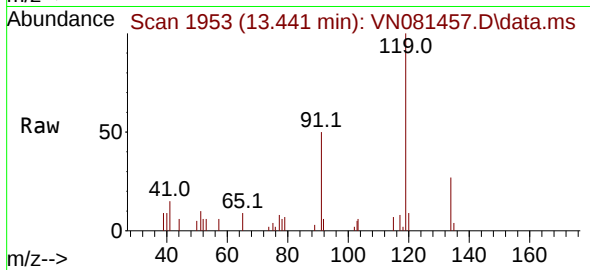
#83
tert-Butylbenzene
Concen: 0.935 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 1396
Ion Ratio Lower Upper
119 100
91 58.3 36.8 110.4
134 23.3 12.4 37.4

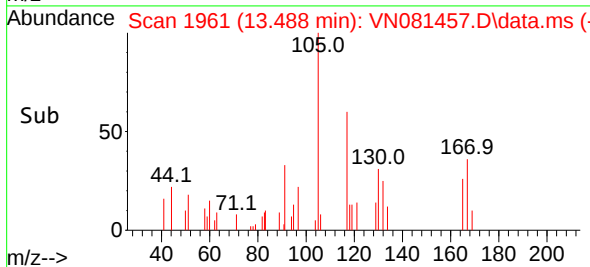
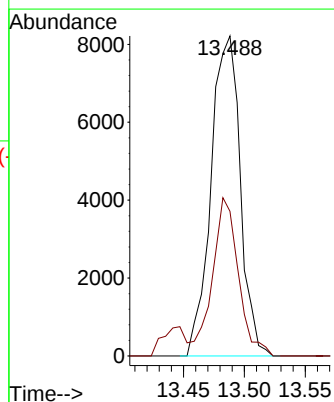
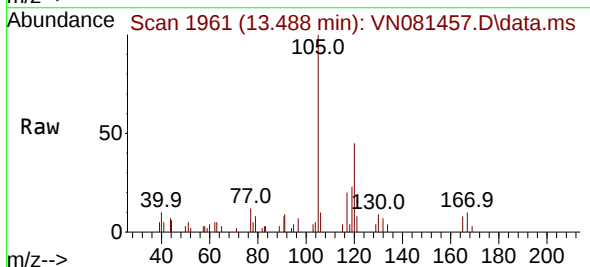
Manual Integrations
APPROVED

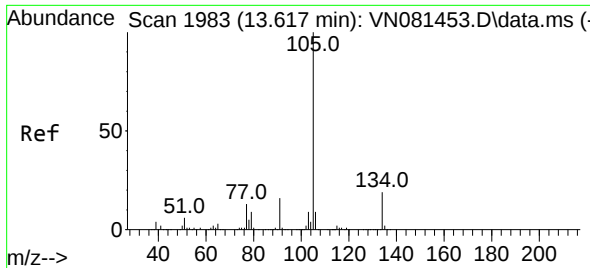
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.789 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:105 Resp: 13737
Ion Ratio Lower Upper
105 100
120 44.1 20.9 62.7





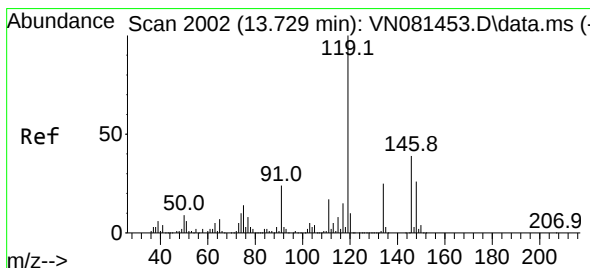
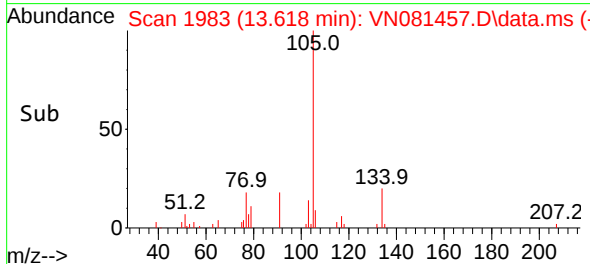
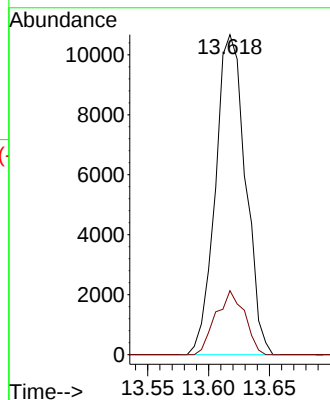
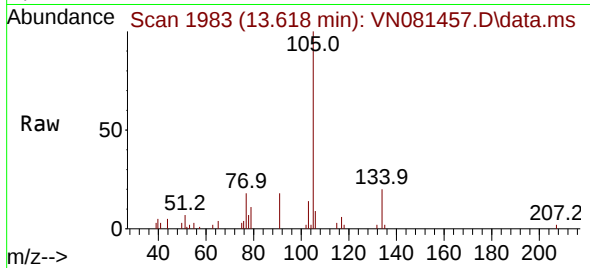
#85
 sec-Butylbenzene
 Concen: 0.861 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 1839
 Ion Ratio Lower Upper
 105 100
 134 19.1 8.6 25.8

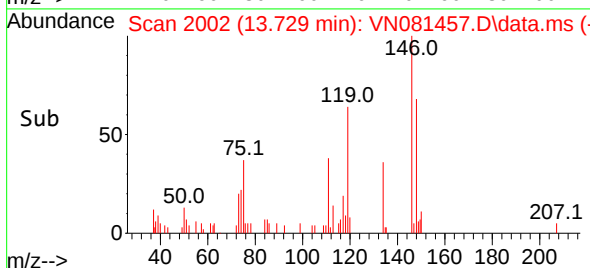
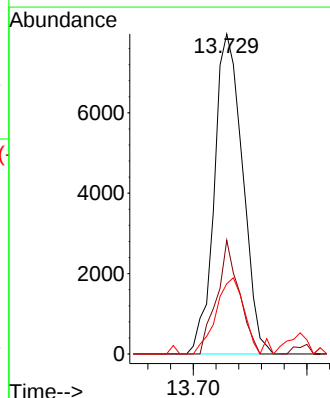
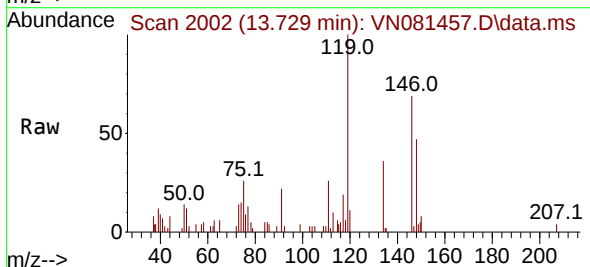
Manual Integrations
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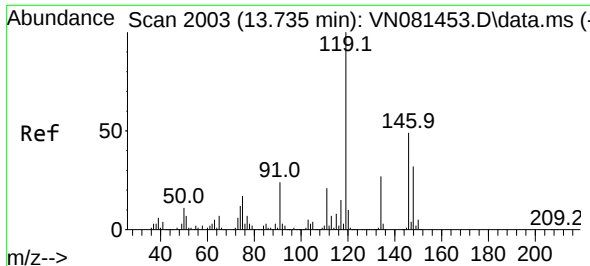
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#86
 p-Isopropyltoluene
 Concen: 0.789 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081457.D
 Acq: 18 Mar 2024 18:02

Tgt Ion:119 Resp: 13775
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.4 37.2
 91 23.4 13.5 40.4





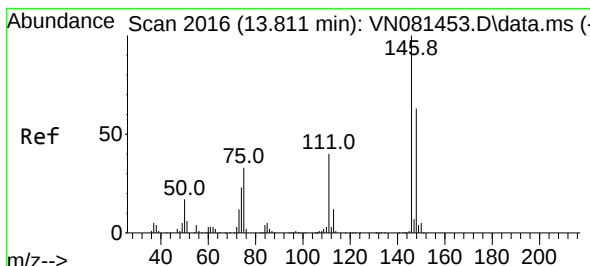
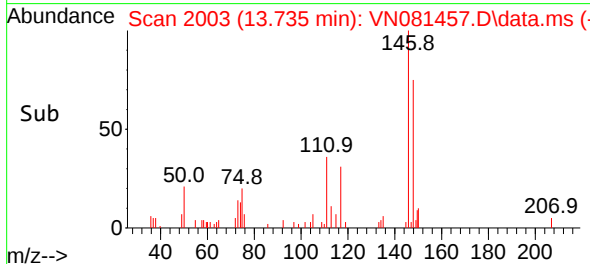
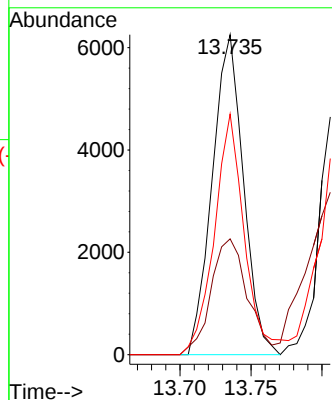
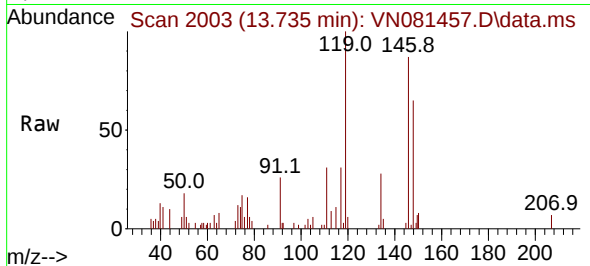
#87
1,3-Dichlorobenzene
Concen: 1.002 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 953
Ion Ratio Lower Upper
146 100
111 42.4 23.9 71.7
148 73.5 32.6 97.7

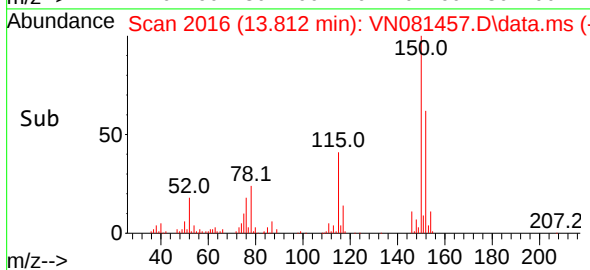
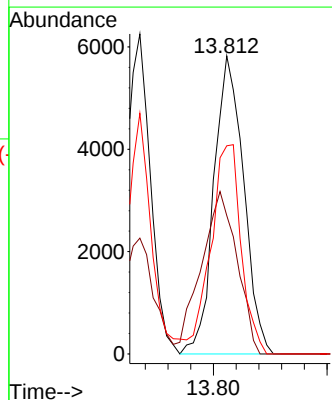
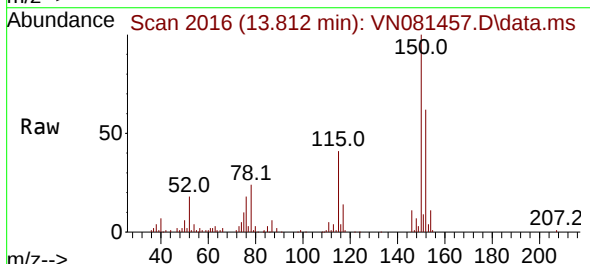
Manual Integrations
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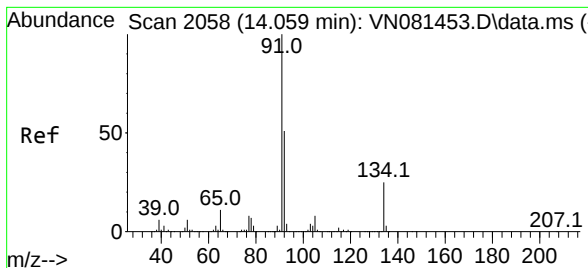
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#88
1,4-Dichlorobenzene
Concen: 1.075 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:146 Resp: 10596
Ion Ratio Lower Upper
146 100
111 65.8 22.6 67.7
148 71.4 31.9 95.5





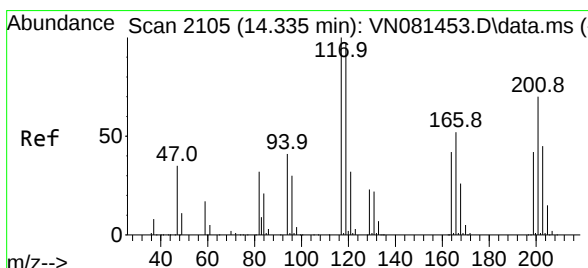
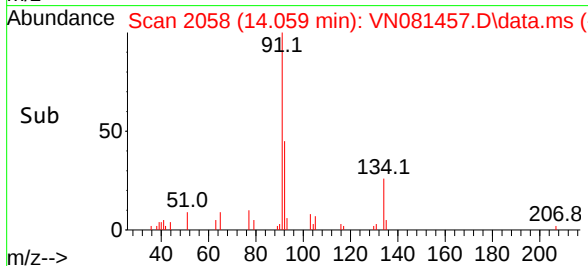
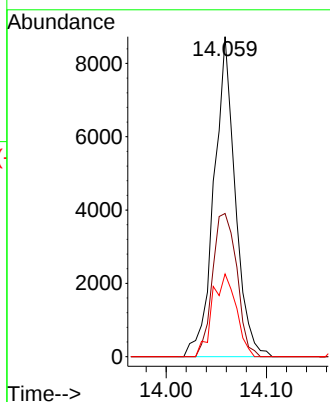
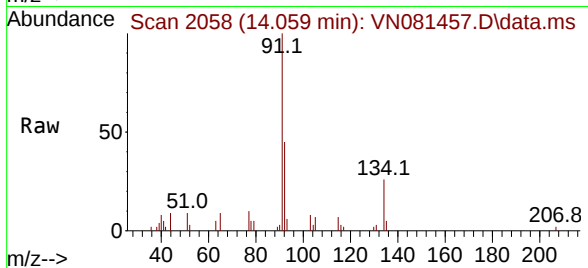
#89
n-Butylbenzene
Concen: 0.832 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 12870
Ion Ratio Lower Upper
91 100
92 50.9 26.7 80.1
134 28.9 10.8 32.4

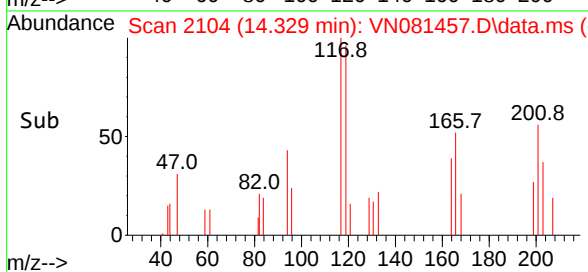
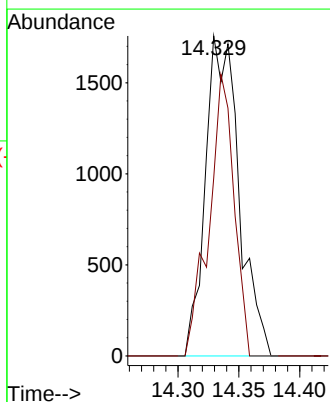
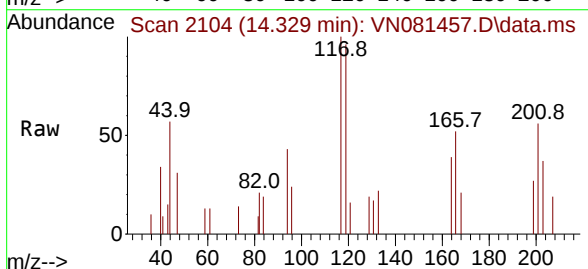
Manual Integrations
APPROVED

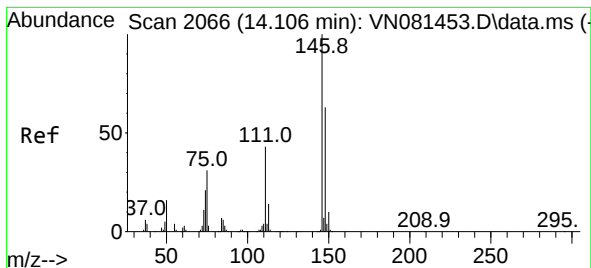
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#90
Hexachloroethane
Concen: 1.017 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:117 Resp: 3361
Ion Ratio Lower Upper
117 100
201 66.1 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 1.054 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

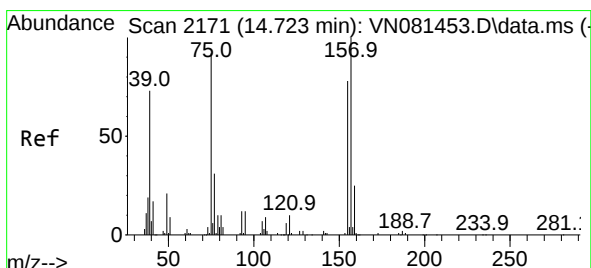
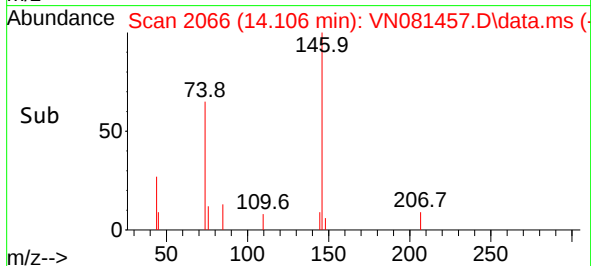
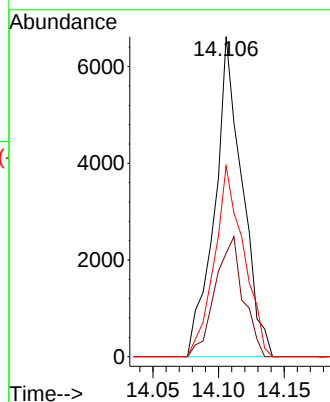
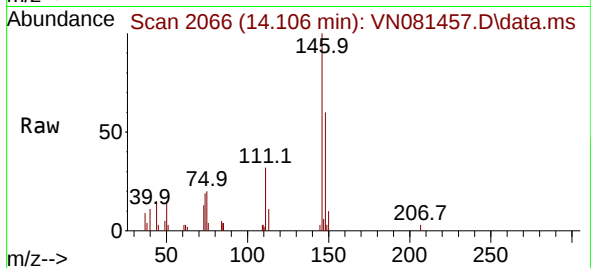
Tgt Ion:	146	Resp:	965
Ion	Ratio	Lower	Upper
146	100		
111	38.4	23.9	71.8
148	63.3	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.027 ug/l

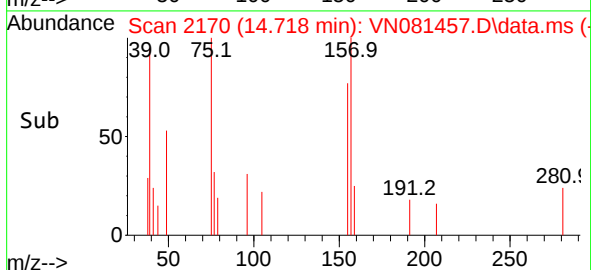
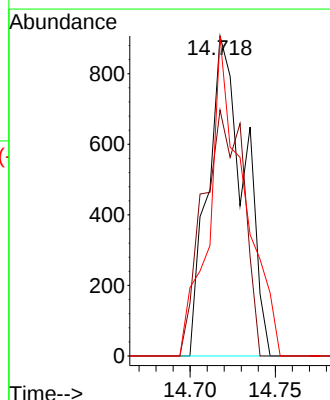
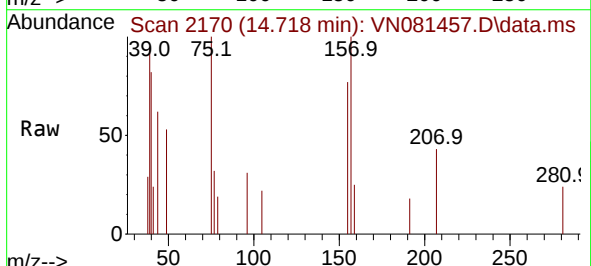
RT: 14.718 min Scan# 2170

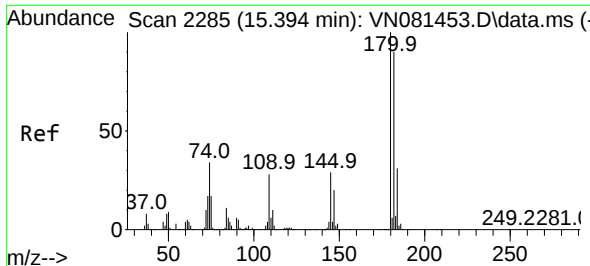
Delta R.T. -0.006 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

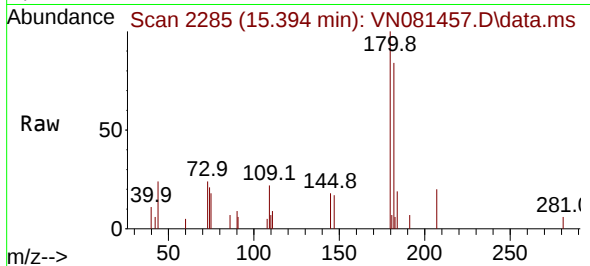
Tgt Ion:	75	Resp:	1347
Ion	Ratio	Lower	Upper
75	100		
155	85.7	31.8	95.4
157	94.5	41.1	123.4





#93
1,2,4-Trichlorobenzene
Concen: 1.038 ug/l
RT: 15.394 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

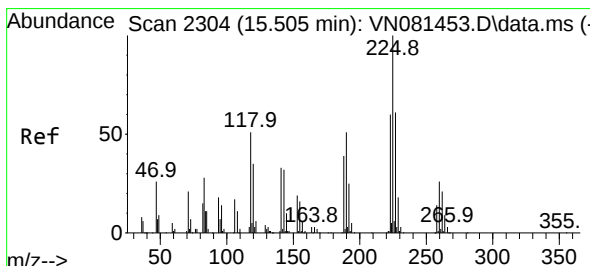
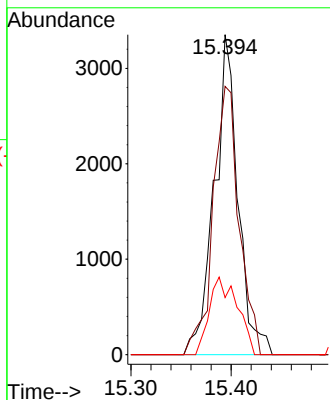
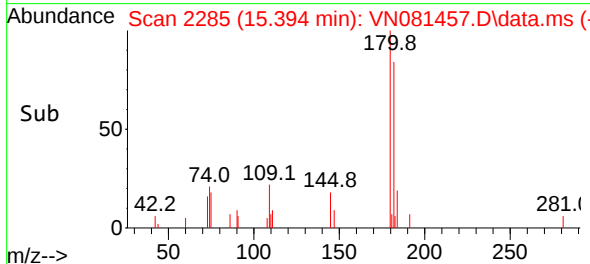
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:180 Resp: 549
Ion Ratio Lower Upper
180 100
182 92.2 46.6 139.7
145 28.8 16.8 50.3

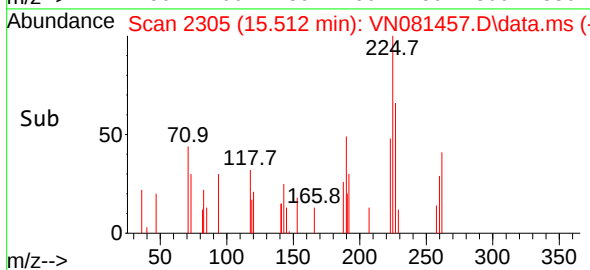
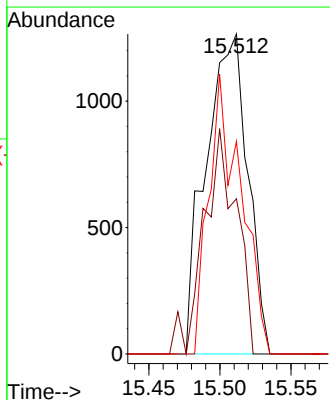
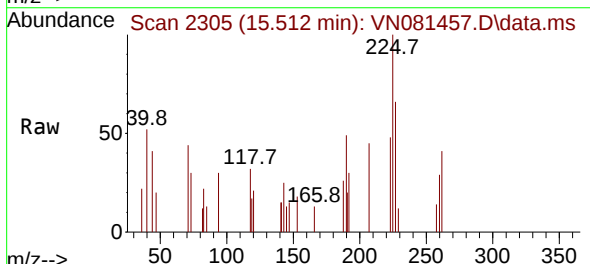
Manual Integrations
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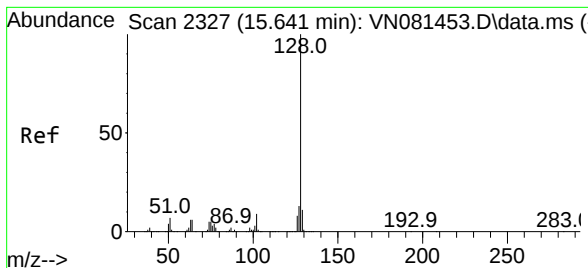
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#94
Hexachlorobutadiene
Concen: 1.116 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN081457.D
Acq: 18 Mar 2024 18:02

Tgt Ion:225 Resp: 2593
Ion Ratio Lower Upper
225 100
223 54.9 33.3 99.8
227 67.1 33.1 99.2





#95

Naphthalene

Concen: 0.967 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

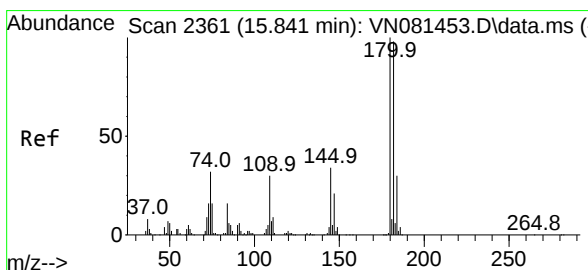
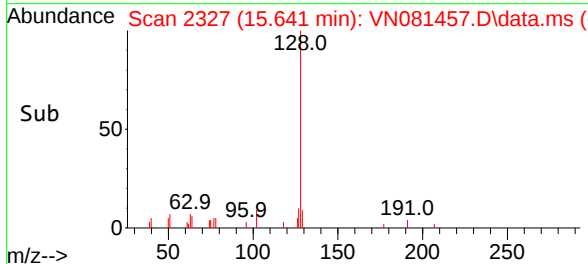
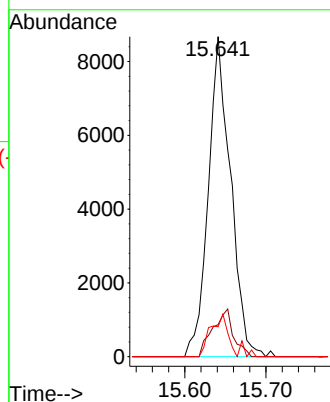
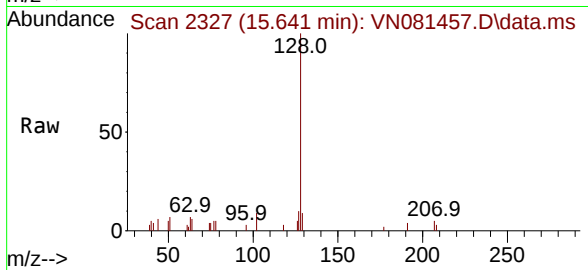
Tgt Ion:	128	Resp:	16600
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.0	15.0
129	10.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 1.042 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081457.D

Acq: 18 Mar 2024 18:02

Tgt Ion:	180	Resp:	5550
Ion Ratio	Lower	Upper	
180	100		
182	98.5	46.5	139.3
145	34.6	17.8	53.4

