

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080662.D
 Acq On : 10 Jan 2024 15:08
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jan 11 06:21:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289731	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105966	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	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	2749	0.953	ug/l	74
3) Chloromethane	2.359	50	6090	1.250	ug/l	97
4) Vinyl Chloride	2.518	62	2924	1.118	ug/l	93
6) Chloroethane	3.124	64	2407	1.392	ug/l	# 79
7) Trichlorofluoromethane	3.501	101	4212	0.975	ug/l	# 59
8) Diethyl Ether	3.965	74	2029	1.075	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	2676m	1.136	ug/l	
12) 1,1-Dichloroethene	4.336	96	3491	1.317	ug/l	85
14) Allyl chloride	5.012	41	6758	1.286	ug/l	# 48
15) Acrylonitrile	5.730	53	7519	5.462	ug/l	# 84
16) Acetone	4.430	43	3755	3.669	ug/l	96
17) Carbon Disulfide	4.706	76	9990	1.232	ug/l	96
18) Methyl Acetate	5.024	43	2105	0.691	ug/l	# 80
19) Methyl tert-butyl Ether	5.789	73	9503	1.041	ug/l	# 58
20) Methylene Chloride	5.265	84	4159	1.392	ug/l	# 77
21) trans-1,2-Dichloroethene	5.812	96	3098m	1.152	ug/l	
22) Diisopropyl ether	6.659	45	9902	1.000	ug/l	# 88
23) Vinyl Acetate	6.600	43	40752	5.083	ug/l	# 87
24) 1,1-Dichloroethane	6.571	63	6026	1.111	ug/l	# 90
25) 2-Butanone	7.494	43	10177	5.501	ug/l	97
26) 2,2-Dichloropropane	7.489	77	4974	1.049	ug/l	91
27) cis-1,2-Dichloroethene	7.489	96	2991	1.009	ug/l	70
28) Bromochloromethane	7.806	49	2848	1.123	ug/l	# 57
29) Tetrahydrofuran	7.836	42	7307	5.860	ug/l	# 55
30) Chloroform	7.965	83	5353	1.053	ug/l	# 80
32) 1,1,1-Trichloroethane	8.177	97	4917m	1.186	ug/l	
36) 1,1-Dichloropropene	8.365	75	4658	1.130	ug/l	92
37) Ethyl Acetate	7.565	43	4242	1.061	ug/l	# 84
38) Carbon Tetrachloride	8.365	117	3663	0.989	ug/l	85
39) Methylcyclohexane	9.600	83	4278	1.084	ug/l	# 79
40) Benzene	8.606	78	12022	1.037	ug/l	100
41) Methacrylonitrile	7.783	41	2242m	0.977	ug/l	
42) 1,2-Dichloroethane	8.677	62	4228	0.953	ug/l	84
43) Isopropyl Acetate	8.688	43	7483	1.018	ug/l	# 86
44) Trichloroethene	9.359	130	2884	1.099	ug/l	70
45) 1,2-Dichloropropane	9.624	63	3112	1.013	ug/l	# 82

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 ClientSampleId :
 VSTDICC001

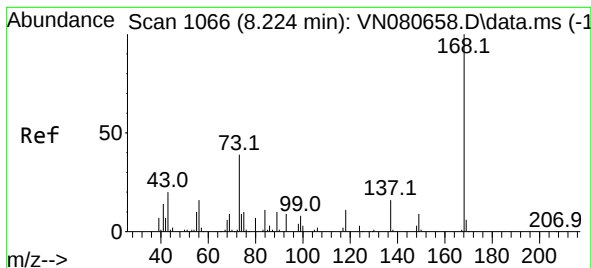
Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 06:21:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	2020	1.039	ug/l	89
47) Bromodichloromethane	9.888	83	5109	1.184	ug/l #	67
48) Methyl methacrylate	9.683	41	3474	0.998	ug/l #	92
49) 1,4-Dioxane	9.694	88	867	19.998	ug/l #	44
51) 4-Methyl-2-Pentanone	10.447	43	20066	5.061	ug/l #	85
52) Toluene	10.630	92	6587	0.992	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	4413	0.921	ug/l #	84
54) cis-1,3-Dichloropropene	10.312	75	5178	1.019	ug/l #	72
55) 1,1,2-Trichloroethane	11.024	97	2632	1.030	ug/l	94
56) Ethyl methacrylate	10.877	69	4872	1.064	ug/l #	53
57) 1,3-Dichloropropane	11.159	76	4352	0.933	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.165	63	10100	4.606	ug/l	90
59) 2-Hexanone	11.194	43	14440	4.934	ug/l	83
60) Dibromochloromethane	11.365	129	2694	1.025	ug/l	96
61) 1,2-Dibromoethane	11.471	107	2363	0.940	ug/l #	80
64) Tetrachloroethene	11.106	164	2204	1.108	ug/l #	59
65) Chlorobenzene	11.888	112	6668	1.053	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.965	131	2163	0.962	ug/l #	60
67) Ethyl Benzene	11.965	91	11821	0.978	ug/l	97
68) m/p-Xylenes	12.071	106	7970	1.876	ug/l #	66
69) o-Xylene	12.400	106	3888	0.936	ug/l	70
70) Styrene	12.412	104	6839	0.969	ug/l #	86
71) Bromoform	12.582	173	1512	0.978	ug/l #	91
73) Isopropylbenzene	12.694	105	10013	0.994	ug/l	100
74) N-amyl acetate	12.494	43	6288	1.040	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.941	83	3450	1.044	ug/l #	90
76) 1,2,3-Trichloropropane	12.994	75	3715m	1.116	ug/l	
77) Bromobenzene	12.976	156	2349	1.098	ug/l	59
78) n-propylbenzene	13.041	91	12379	1.001	ug/l	93
79) 2-Chlorotoluene	13.129	91	9008	1.137	ug/l	85
80) 1,3,5-Trimethylbenzene	13.171	105	8407	1.001	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	1382	0.996	ug/l #	70
82) 4-Chlorotoluene	13.223	91	8664	1.116	ug/l	93
83) tert-Butylbenzene	13.435	119	6904	1.028	ug/l	85
84) 1,2,4-Trimethylbenzene	13.482	105	7948	0.963	ug/l	97
85) sec-Butylbenzene	13.618	105	9992	1.048	ug/l	97
86) p-Isopropyltoluene	13.735	119	7889	1.047	ug/l	88
87) 1,3-Dichlorobenzene	13.735	146	4123	1.079	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	4596m	1.180	ug/l	
89) n-Butylbenzene	14.059	91	7182	0.989	ug/l	92
90) Hexachloroethane	14.329	117	1431	1.024	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	3633	1.009	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1164	1.174	ug/l #	42
93) 1,2,4-Trichlorobenzene	15.400	180	1734	0.924	ug/l	91
94) Hexachlorobutadiene	15.500	225	1213	1.347	ug/l	77
95) Naphthalene	15.635	128	8025	1.087	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	1831	1.008	ug/l	87

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



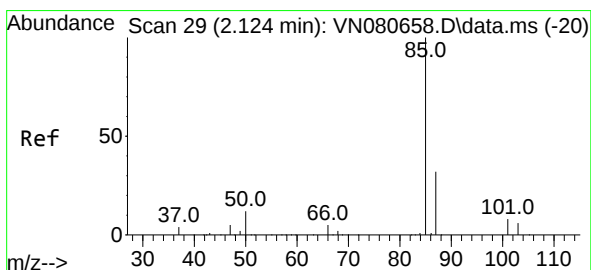
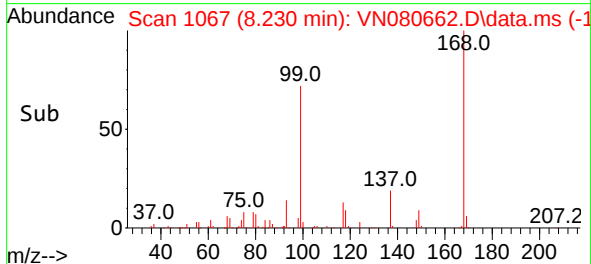
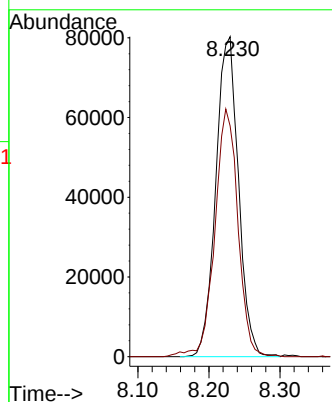
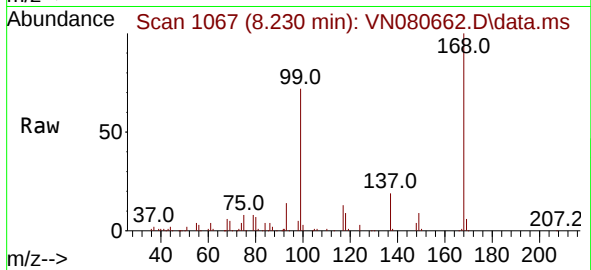
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 177500
Ion Ratio Lower Upper
168 100
99 71.9 53.0 79.6

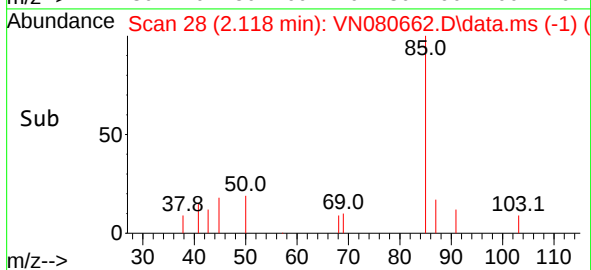
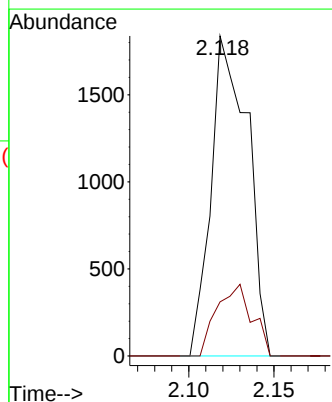
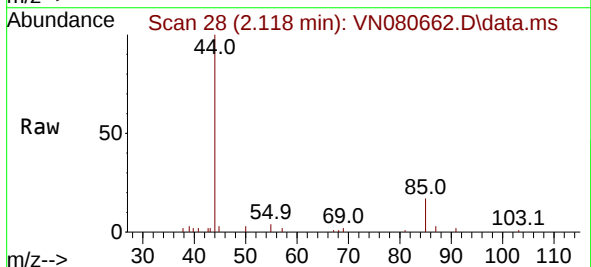
Manual Integrations
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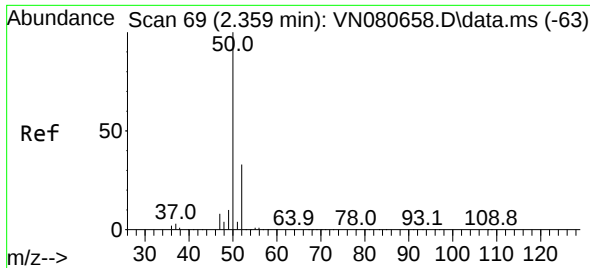
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#2
Dichlorodifluoromethane
Concen: 0.953 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 85 Resp: 2749
Ion Ratio Lower Upper
85 100
87 16.9 15.8 47.4





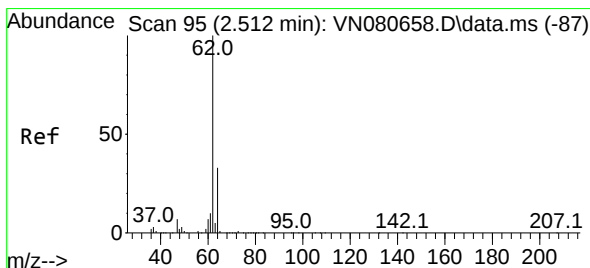
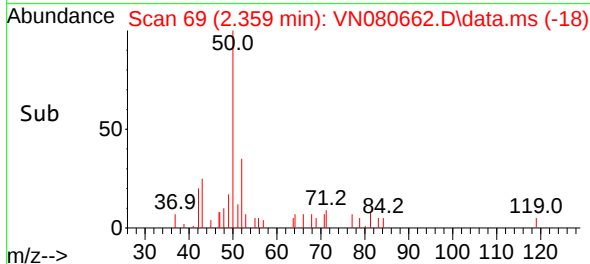
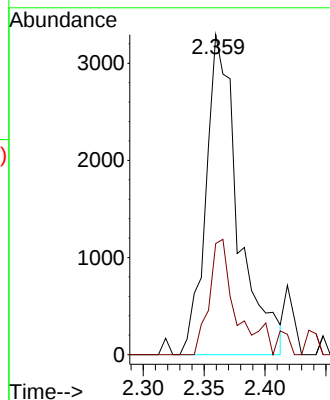
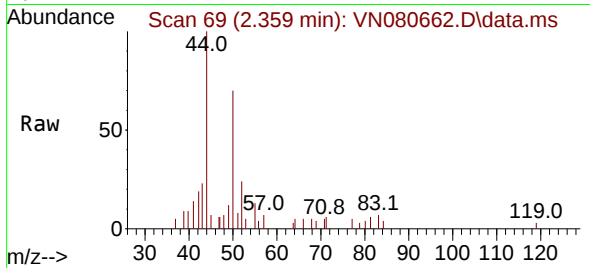
#3
Chloromethane
Concen: 1.250 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 6090
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

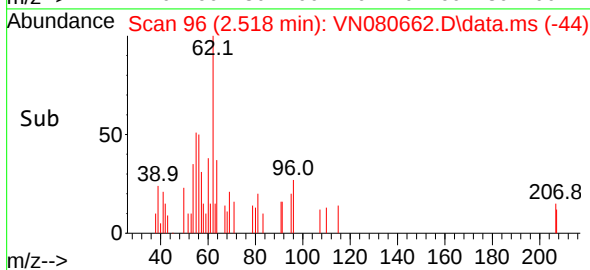
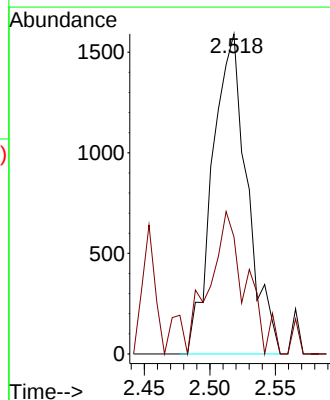
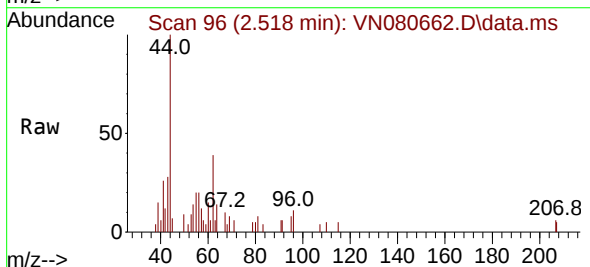
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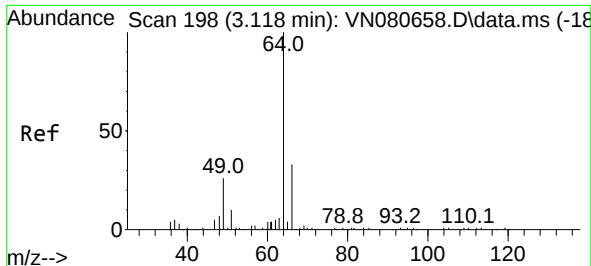
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#4
Vinyl Chloride
Concen: 1.118 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 62 Resp: 2924
Ion Ratio Lower Upper
62 100
64 36.6 26.2 39.2





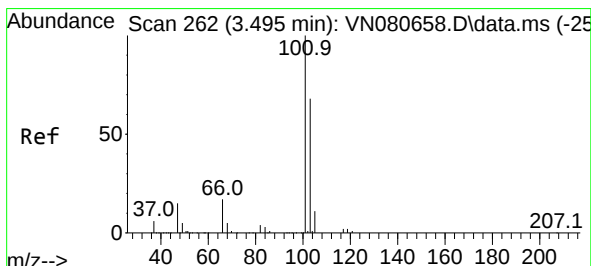
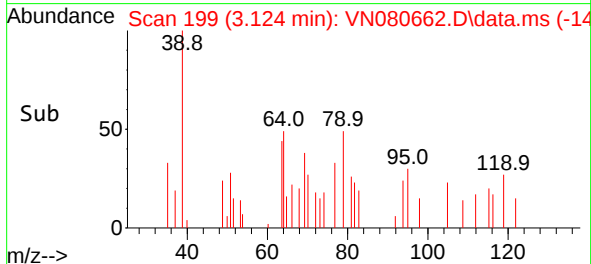
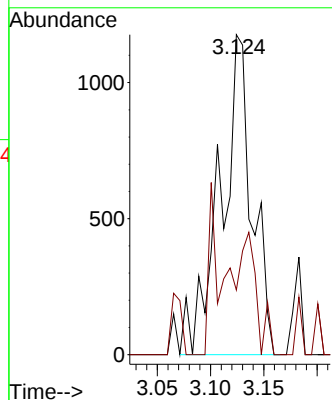
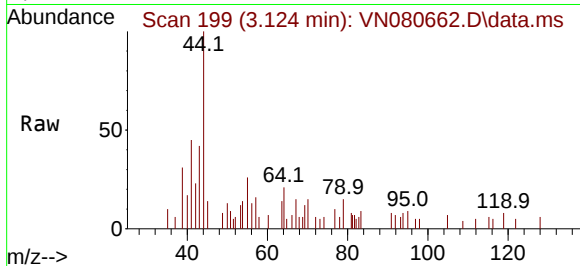
#6
Chloroethane
Concen: 1.392 ug/l
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 20.2 25.4 38.2

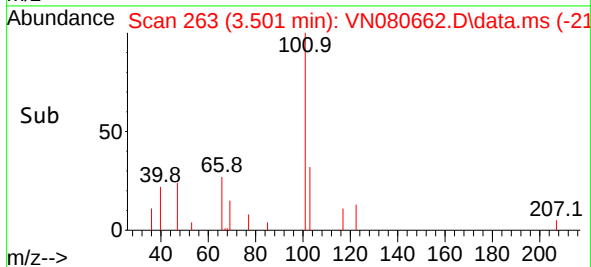
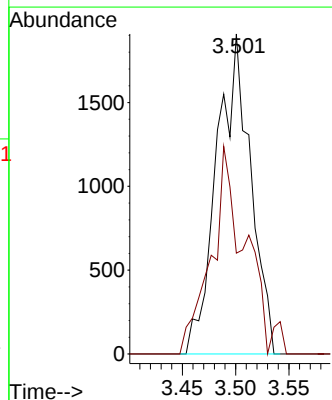
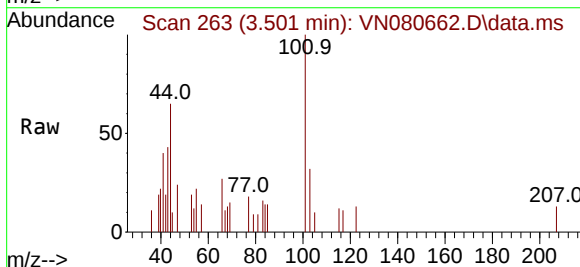
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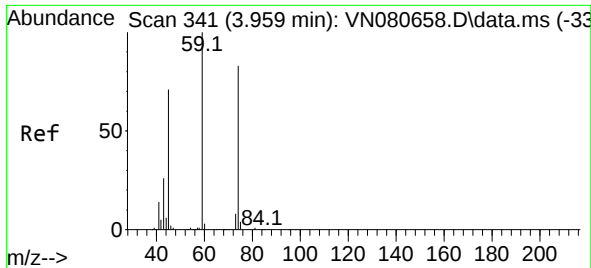
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#7
Trichlorofluoromethane
Concen: 0.975 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion:101 Resp: 4212
Ion Ratio Lower Upper
101 100
103 31.5 50.7 76.1#





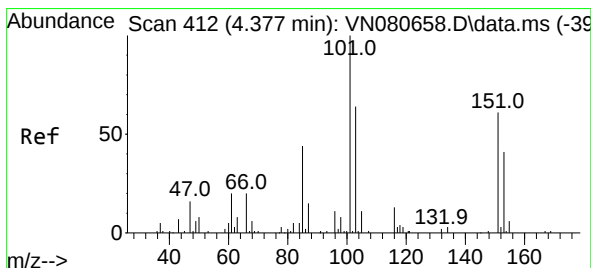
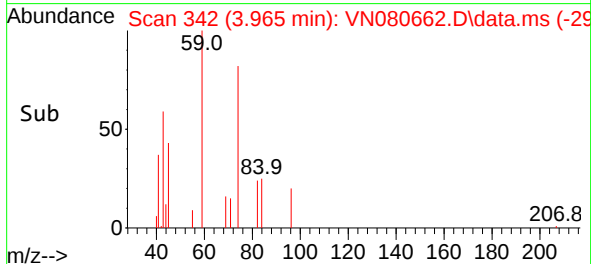
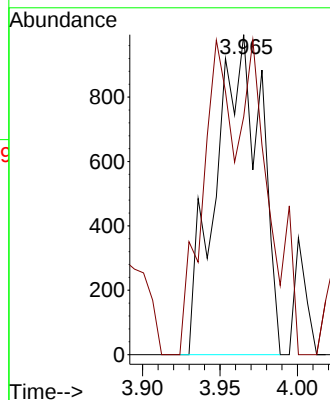
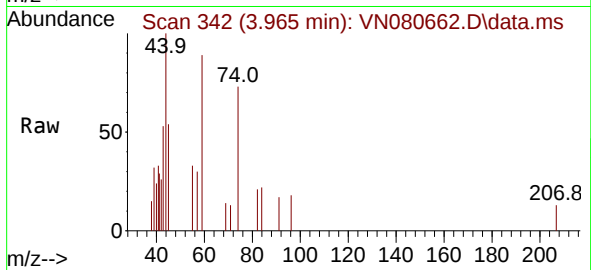
#8
Diethyl Ether
Concen: 1.075 ug/l
RT: 3.965 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 2029
Ion Ratio Lower Upper
74 100
45 64.5 34.4 103.3

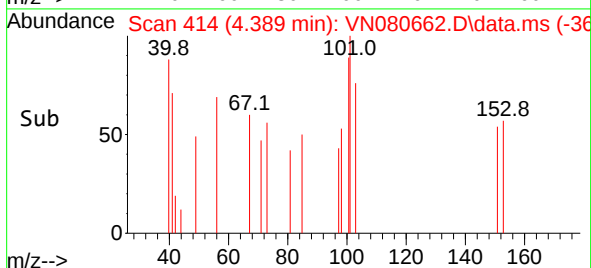
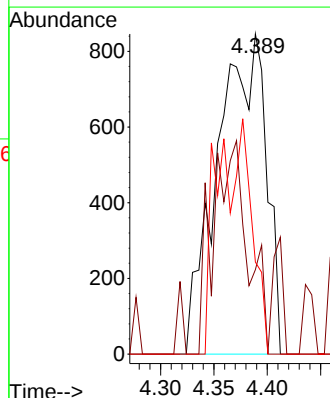
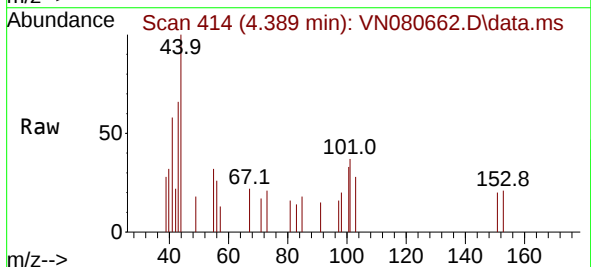
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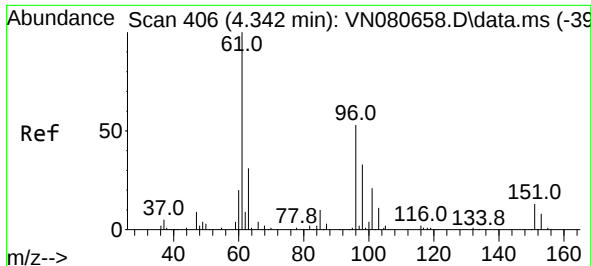
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.136 ug/l m
RT: 4.389 min Scan# 414
Delta R.T. 0.012 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

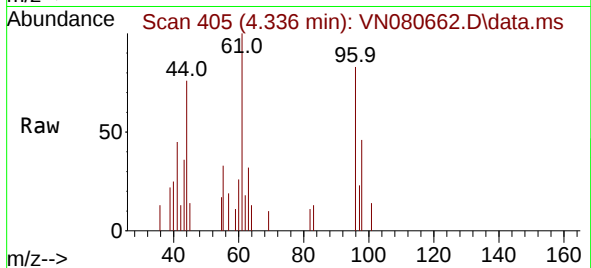
Tgt Ion:101 Resp: 2676
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 25.3 57.6 86.4#





#12
1,1-Dichloroethene
Concen: 1.317 ug/l
RT: 4.336 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

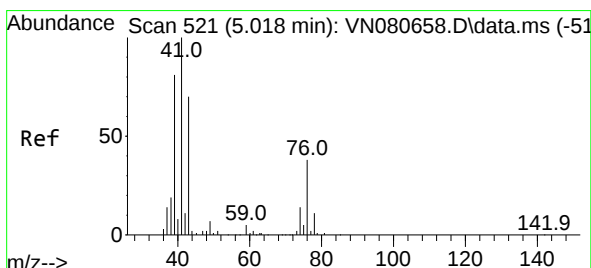
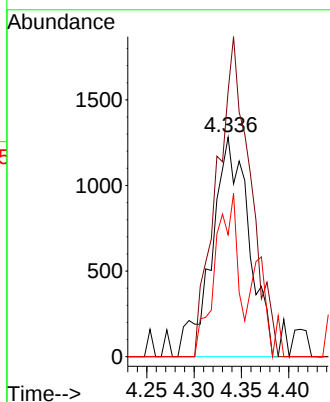
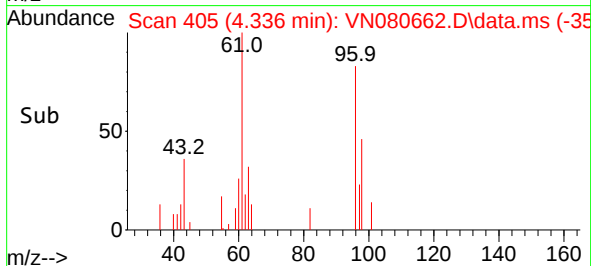
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MSVOA_N
ClientSampleId :
VSTDICC001



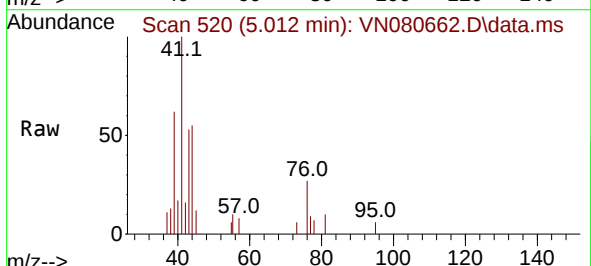
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Ion Ratio Lower Upper
96 100
61 120.9 112.7 169.1
98 55.5 51.2 76.8

Manual Integrations
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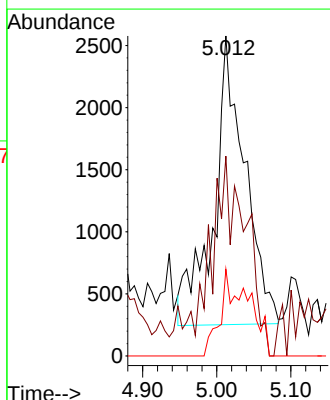
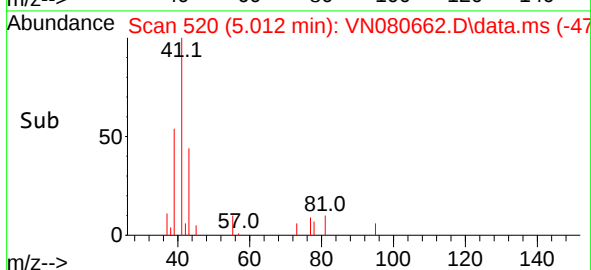
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

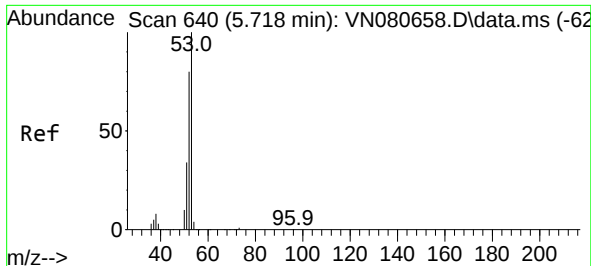


#14
Allyl chloride
Concen: 1.286 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08



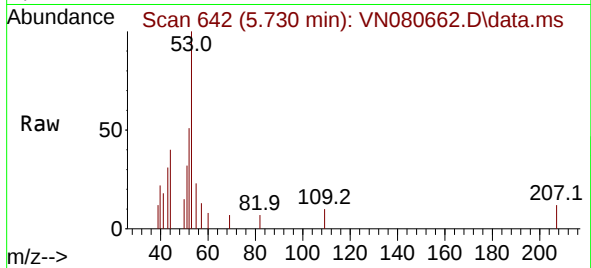
Tgt Ion: 41 Resp: 6758
Ion Ratio Lower Upper
41 100
39 27.9 58.8 88.2#
76 15.2 39.1 58.7#





#15
Acrylonitrile
Concen: 5.462 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

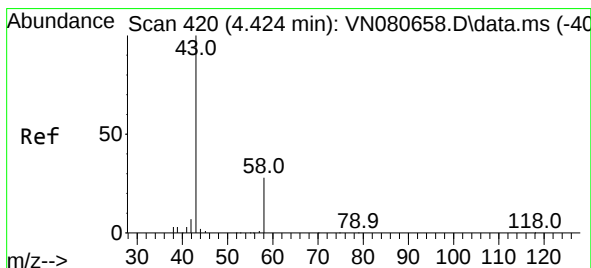
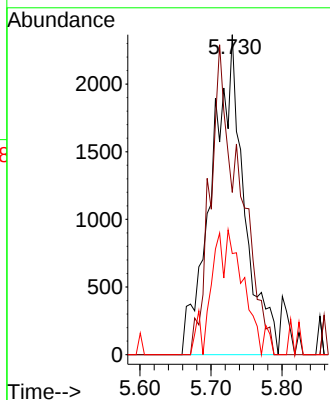
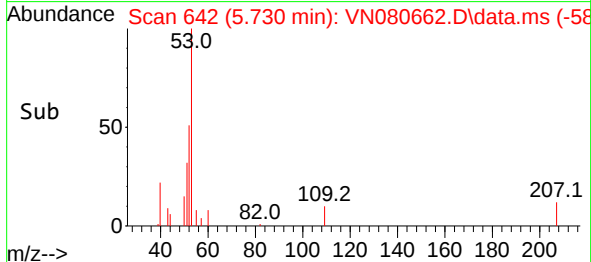
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 53 Resp: 7519
Ion Ratio Lower Upper
53 100
52 87.4 65.3 97.9
51 14.5 28.9 43.3

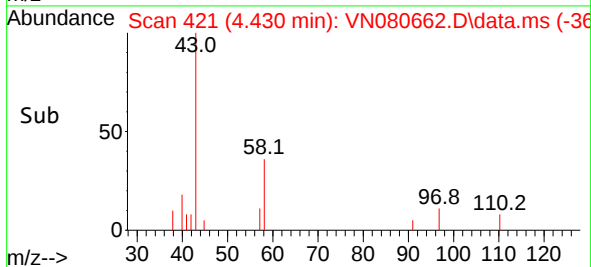
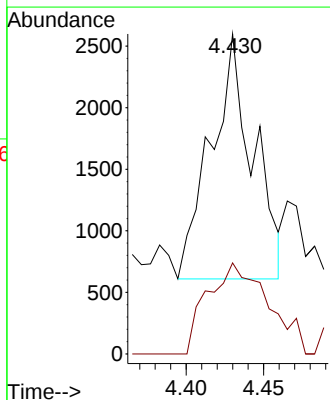
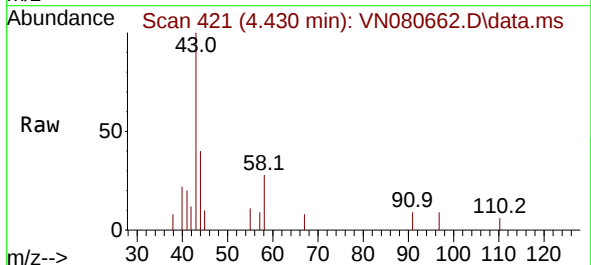
Manual Integrations
APPROVED

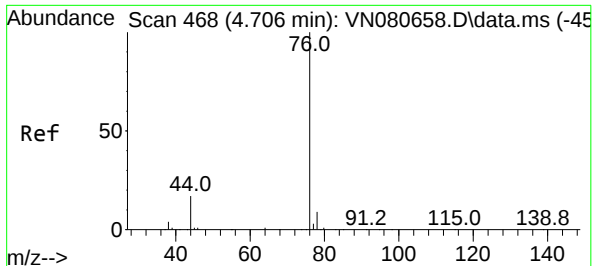
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#16
Acetone
Concen: 3.669 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 43 Resp: 3755
Ion Ratio Lower Upper
43 100
58 37.2 28.0 42.0





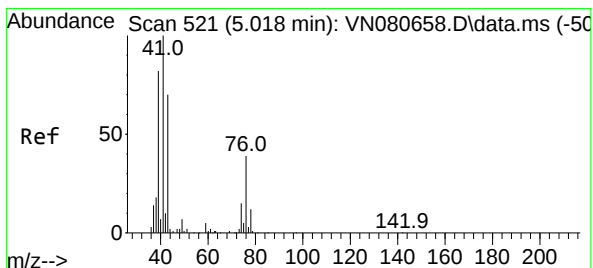
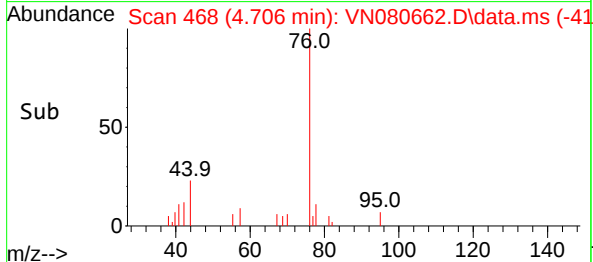
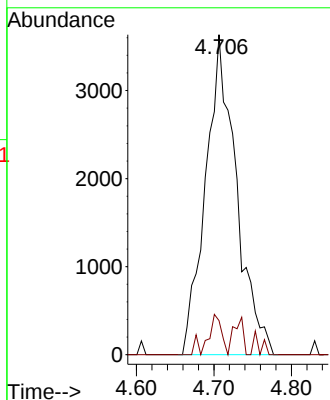
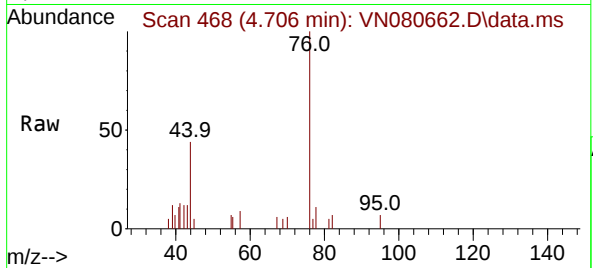
#17
Carbon Disulfide
Concen: 1.232 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 9990
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

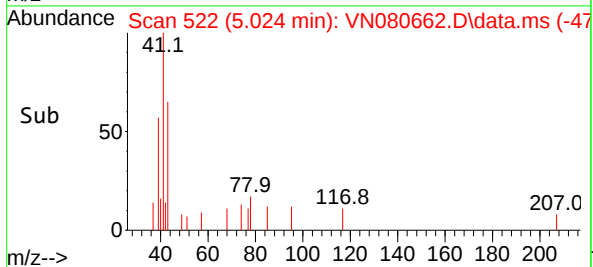
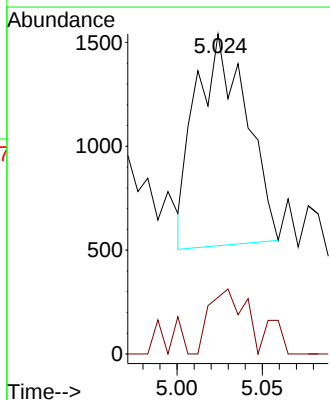
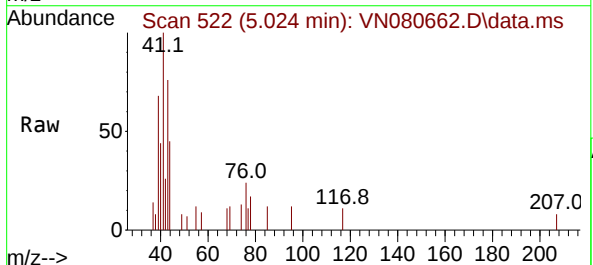
Manual Integrations
APPROVED

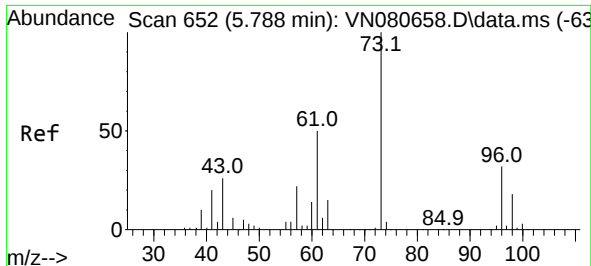
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#18
Methyl Acetate
Concen: 0.691 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 43 Resp: 2105
Ion Ratio Lower Upper
43 100
74 21.4 26.2 39.4#





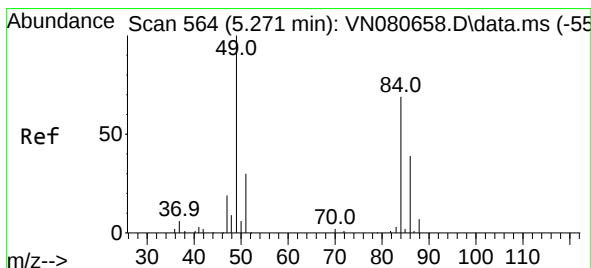
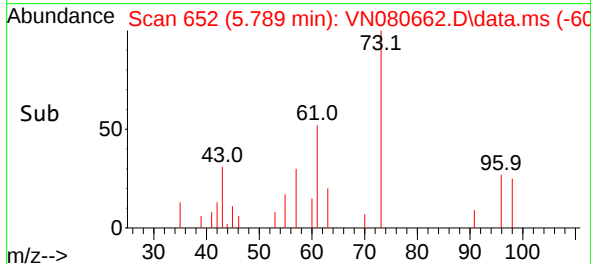
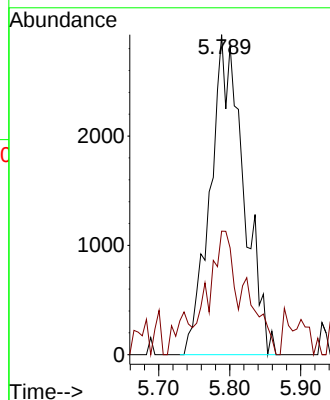
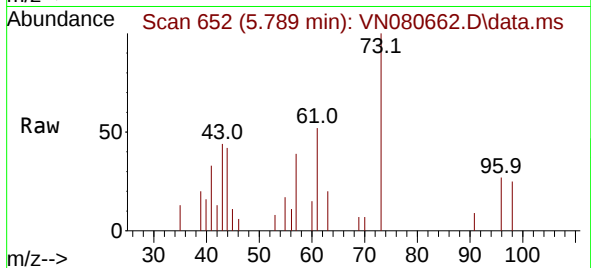
#19
Methyl tert-butyl Ether
Concen: 1.041 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 950
Ion Ratio Lower Upper
73 100
57 38.6 15.6 23.4

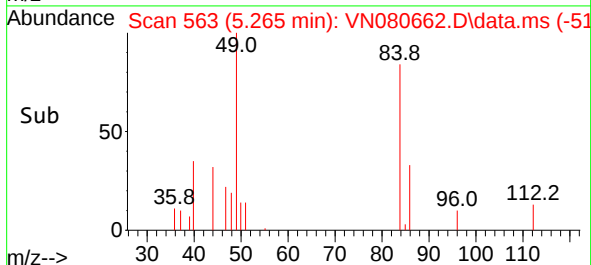
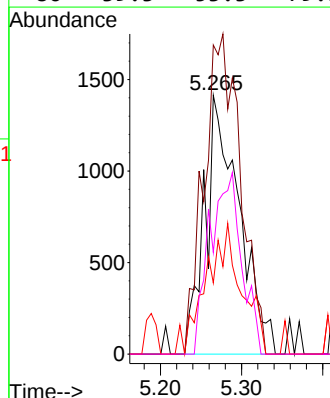
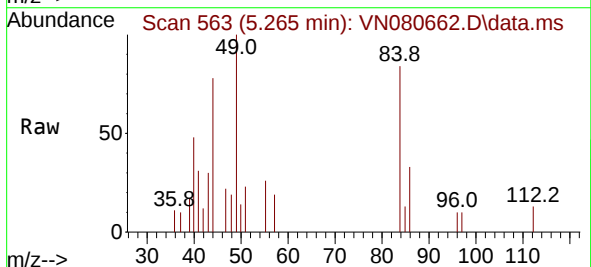
Manual Integrations
APPROVED

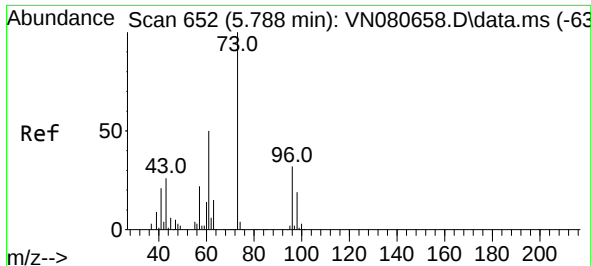
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#20
Methylene Chloride
Concen: 1.392 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

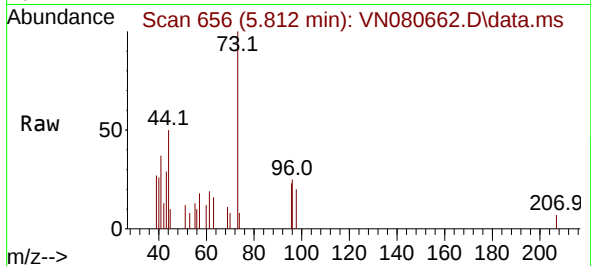
Tgt Ion: 84 Resp: 4159
Ion Ratio Lower Upper
84 100
49 119.4 79.7 119.5
51 27.5 25.2 37.8
86 39.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 1.152 ug/l m
RT: 5.812 min Scan# 61
Delta R.T. 0.024 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

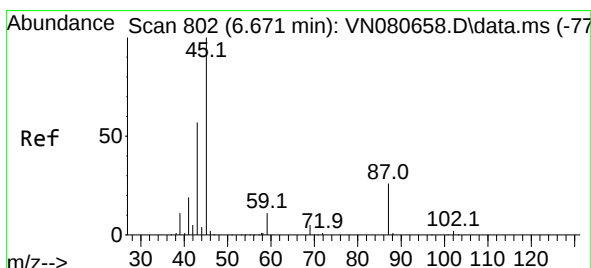
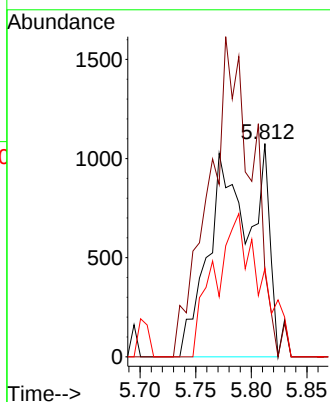
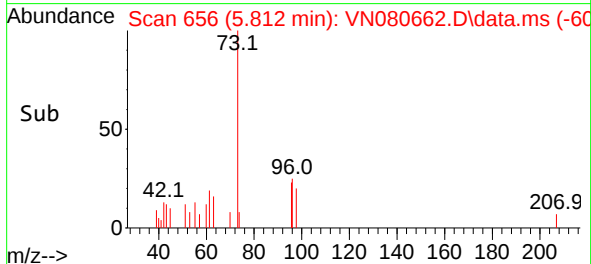
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 3098
Ion Ratio Lower Upper
96 100
61 77.3 90.1 135.1#
98 80.3 46.4 69.6#

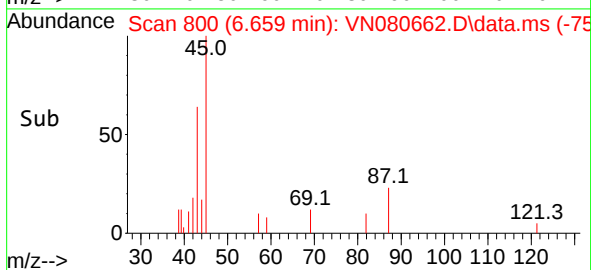
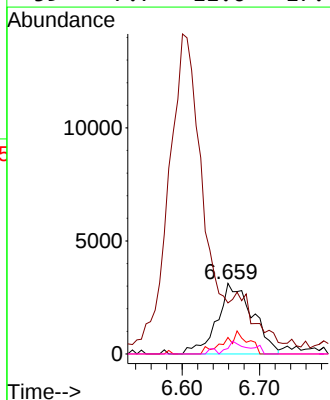
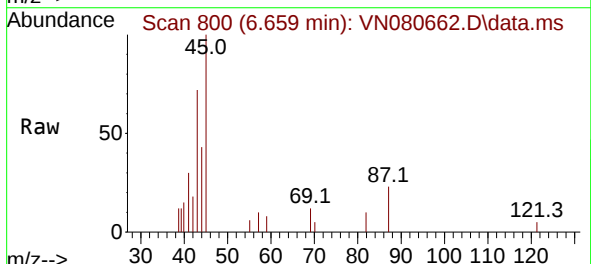
Manual Integrations
APPROVED

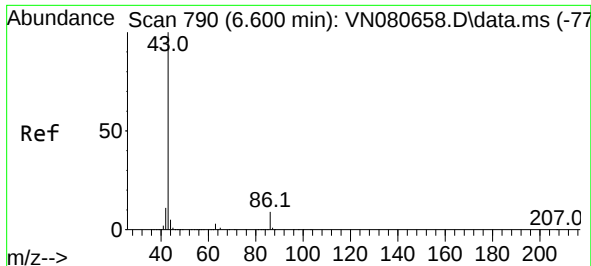
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#22
Diisopropyl ether
Concen: 1.000 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.012 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 45 Resp: 9902
Ion Ratio Lower Upper
45 100
43 56.2 45.5 68.3
87 23.3 31.8 47.8#
59 7.7 11.6 17.4#





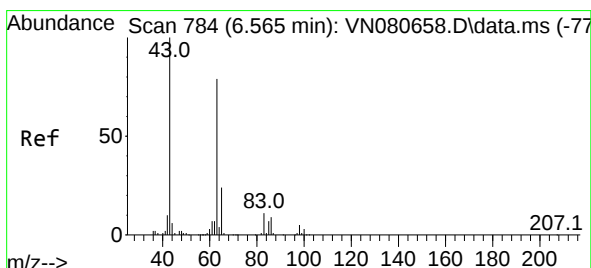
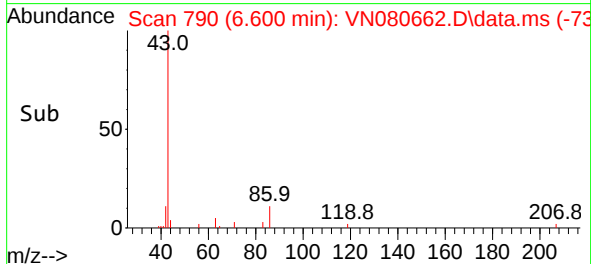
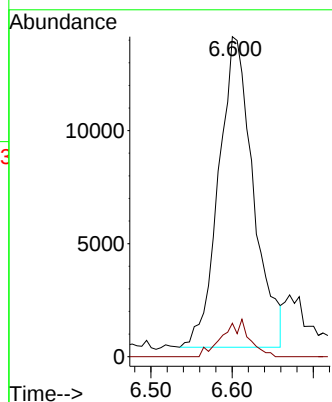
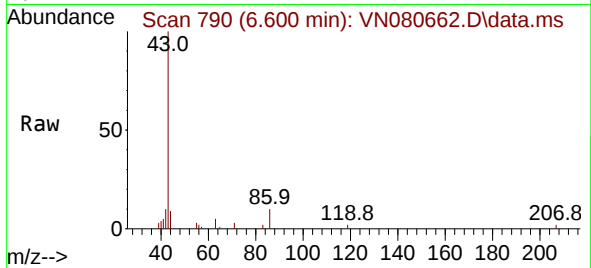
#23
 Vinyl Acetate
 Concen: 5.083 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 43 Resp: 40752
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6

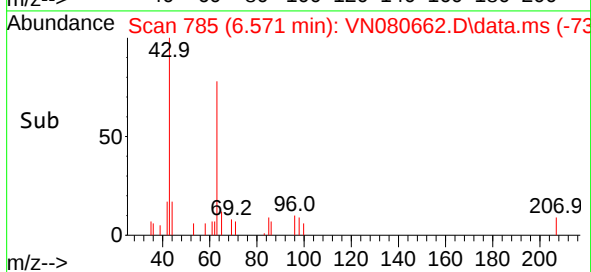
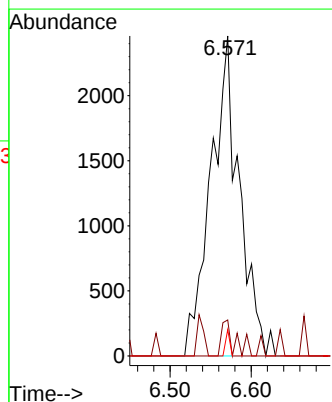
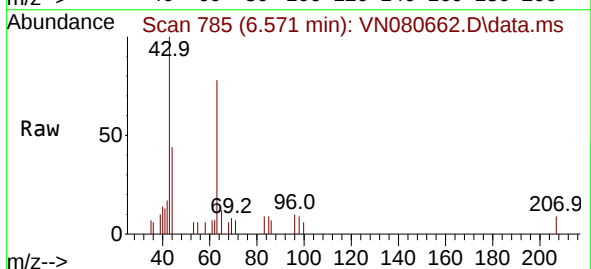
Manual Integrations
 APPROVED

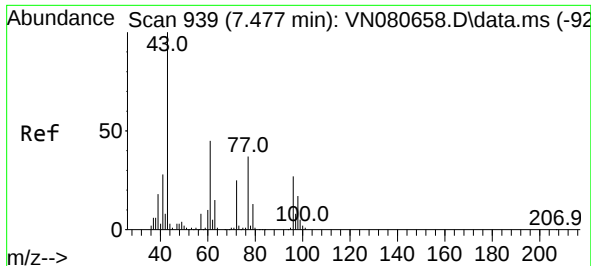
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#24
 1,1-Dichloroethane
 Concen: 1.111 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08

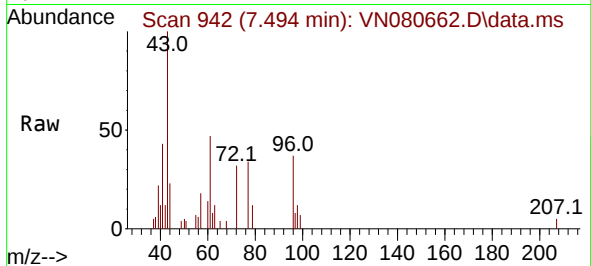
Tgt Ion: 63 Resp: 6026
 Ion Ratio Lower Upper
 63 100
 98 11.3 3.9 11.7
 100 8.2 2.5 7.4





#25
2-Butanone
Concen: 5.501 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

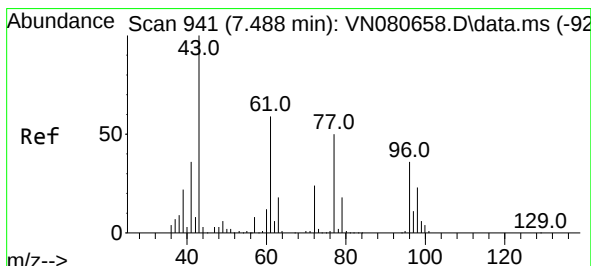
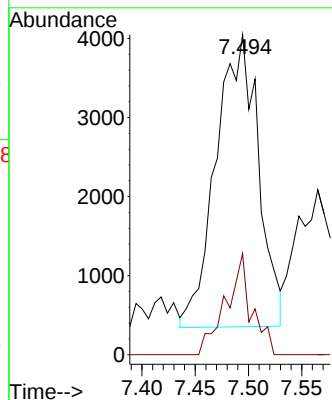
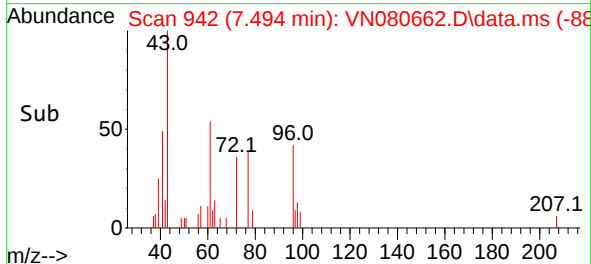
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
72 35.7 30.2 45.2

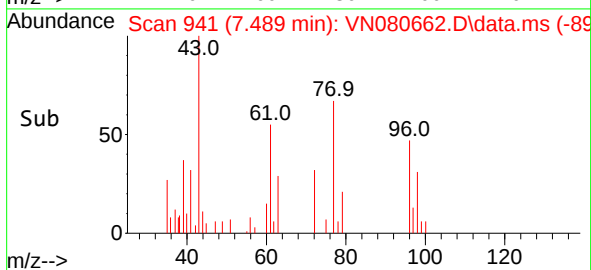
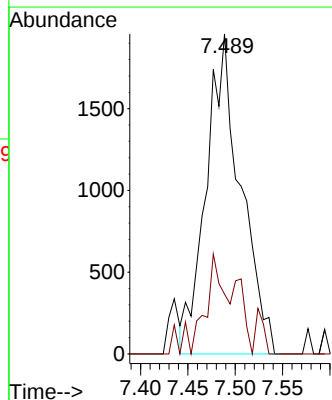
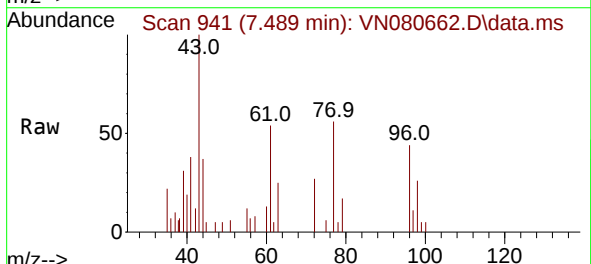
Manual Integrations
APPROVED

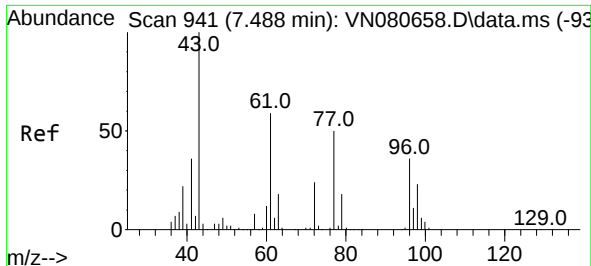
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#26
2,2-Dichloropropane
Concen: 1.049 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 77 Resp: 4974
Ion Ratio Lower Upper
77 100
97 18.2 11.2 33.6





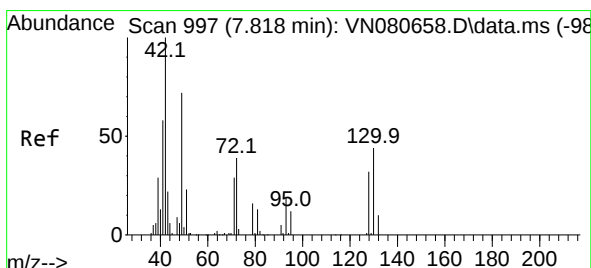
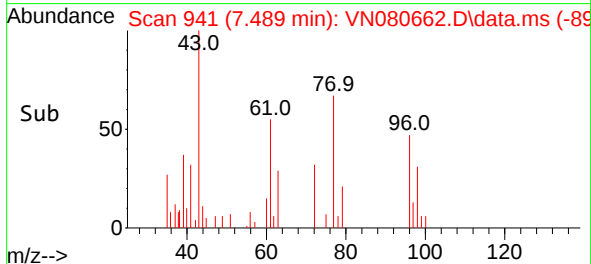
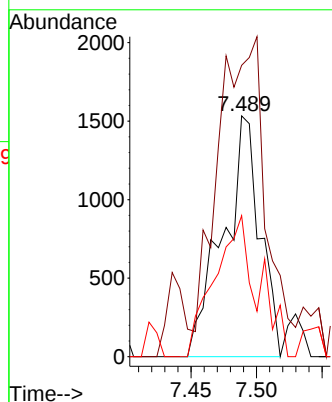
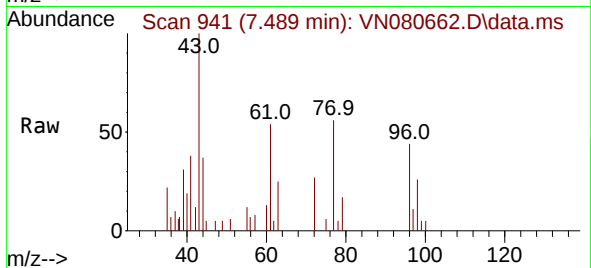
#27
 cis-1,2-Dichloroethene
 Concen: 1.009 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 299
 Ion Ratio Lower Upper
 96 100
 61 172.9 0.0 255.2
 98 55.8 0.0 128.8

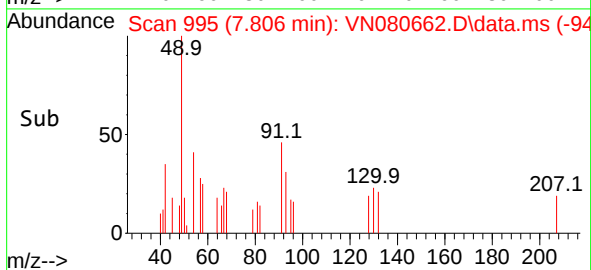
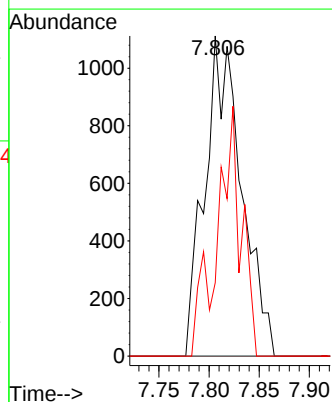
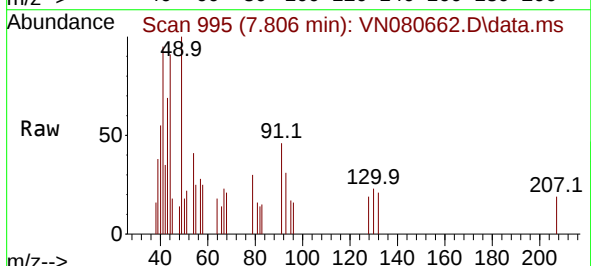
Manual Integrations
 APPROVED

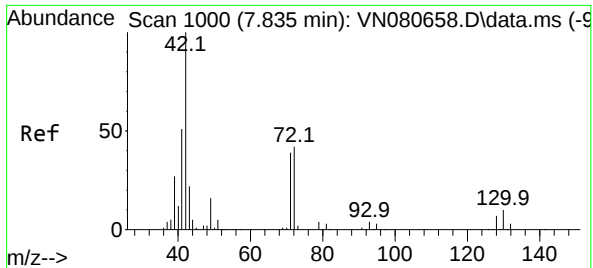
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#28
 Bromochloromethane
 Concen: 1.123 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.012 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08

Tgt Ion: 49 Resp: 2848
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 51.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 5.860 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

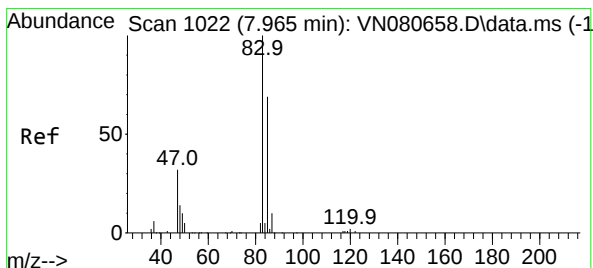
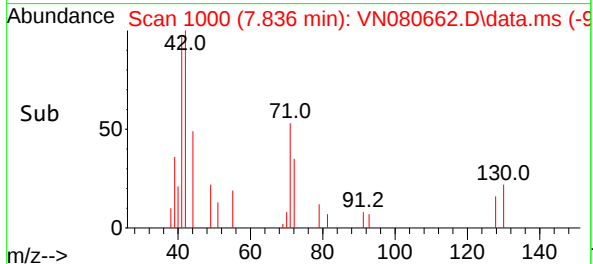
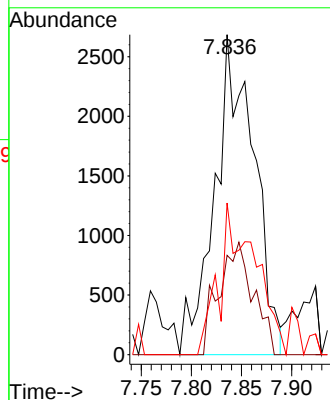
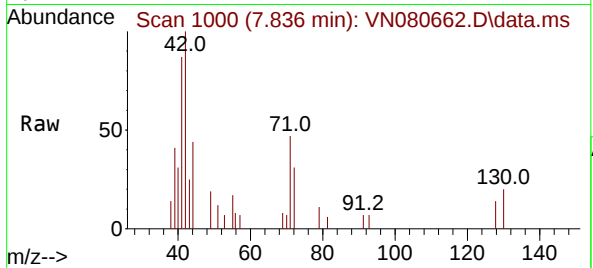
Tgt Ion:	42	Resp:	730
Ion Ratio	Lower	Upper	
42	100		
72	31.0	49.8	74.6
71	22.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#30

Chloroform

Concen: 1.053 ug/l

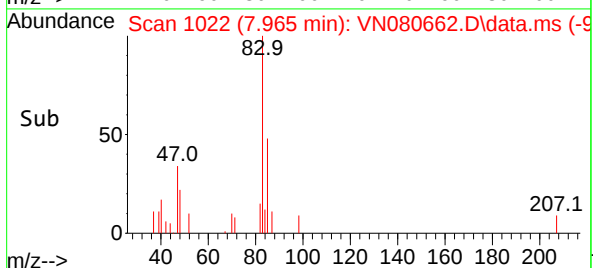
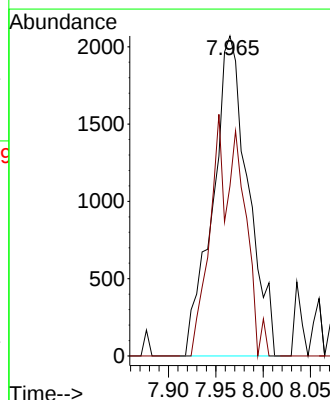
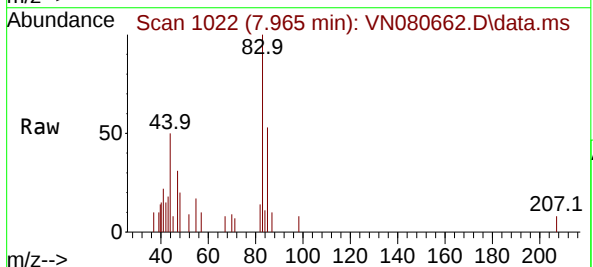
RT: 7.965 min Scan# 1022

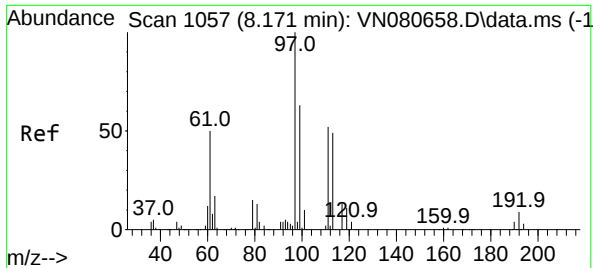
Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

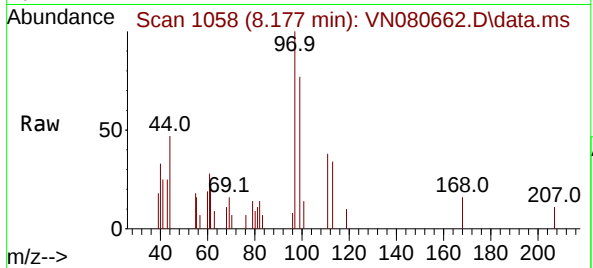
Tgt Ion:	83	Resp:	5353
Ion Ratio	Lower	Upper	
83	100		
85	53.1	55.4	83.0





#32
1,1,1-Trichloroethane
Concen: 1.186 ug/l m
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

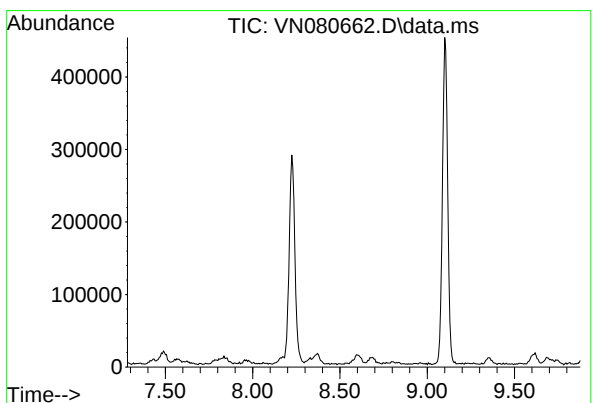
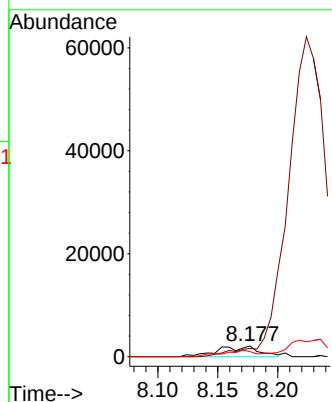
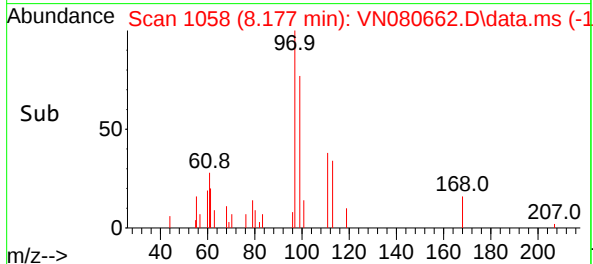
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 97 Resp: 491
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 49.3 34.7 52.1

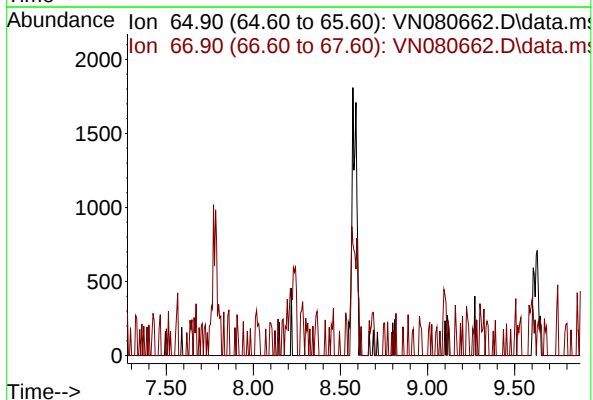
Manual Integrations
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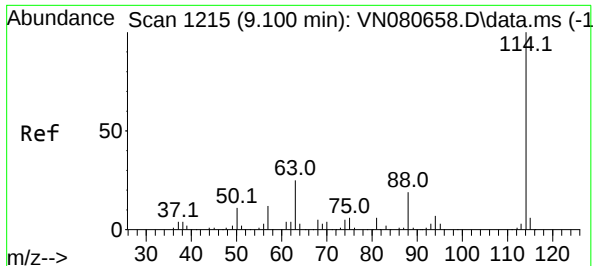
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 35426

Ion Ratio Lower Upper

114 100

63 25.8 0.0 36.4

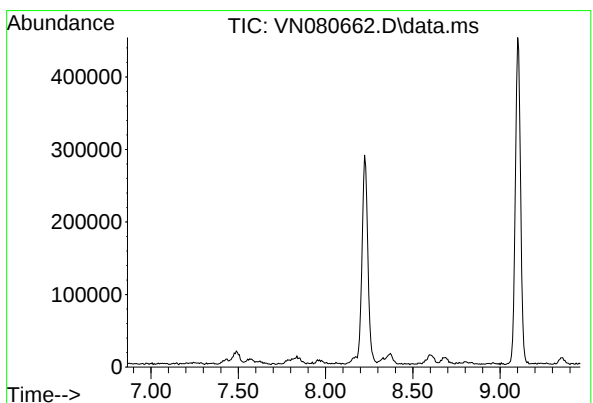
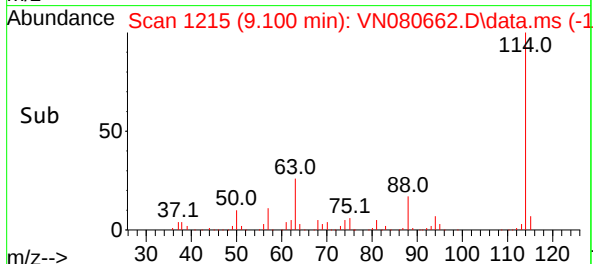
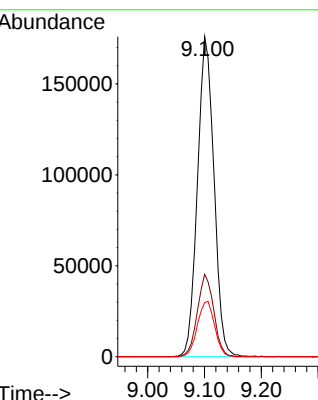
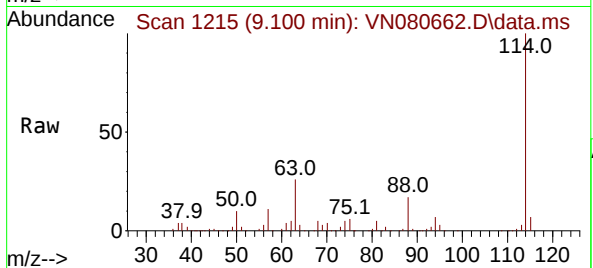
88 16.9 0.0 30.6

Manual Integrations

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.16 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

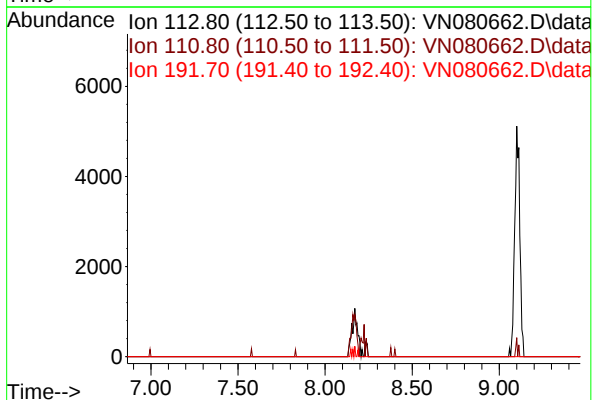
Tgt Ion: 113

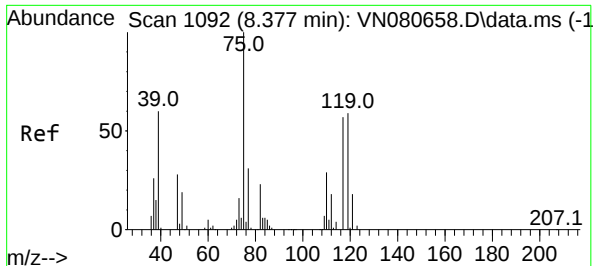
Sig Exp Ratio

113 100

111 103.2

192 15.9





#36

1,1-Dichloropropene

Concen: 1.130 ug/l

RT: 8.365 min Scan# 1092

Delta R.T. -0.012 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

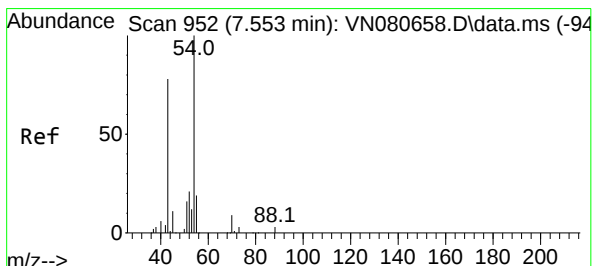
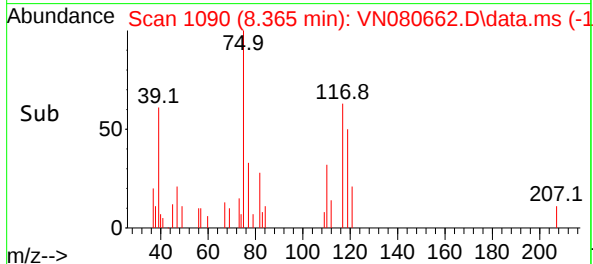
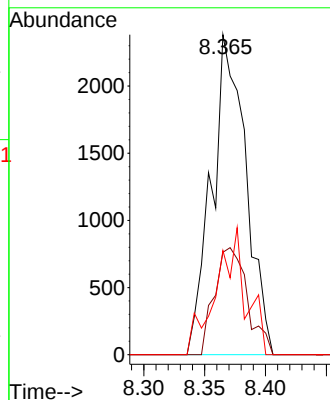
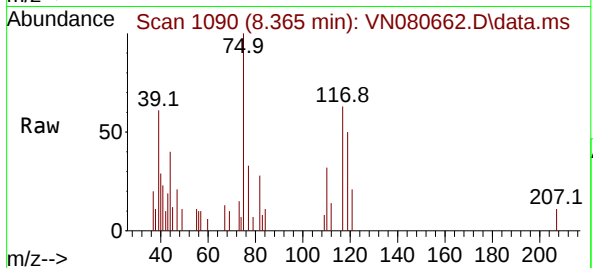
Tgt Ion: 75	Resp: 4658
Ion Ratio	Lower Upper
75 100	
110 32.1	19.1 57.3
77 34.7	25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#37

Ethyl Acetate

Concen: 1.061 ug/l

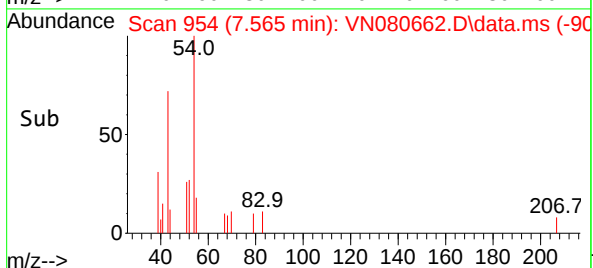
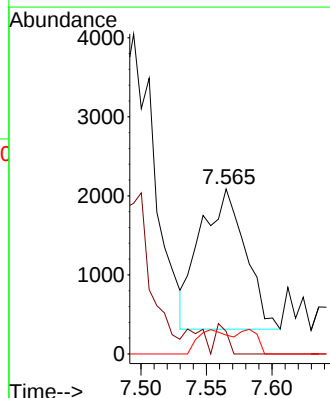
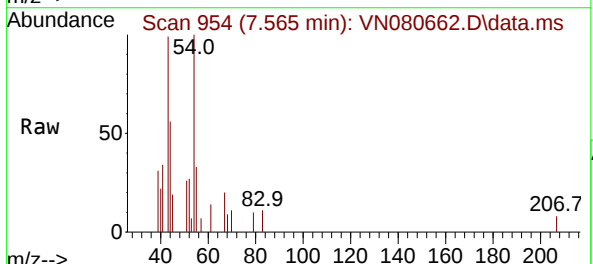
RT: 7.565 min Scan# 954

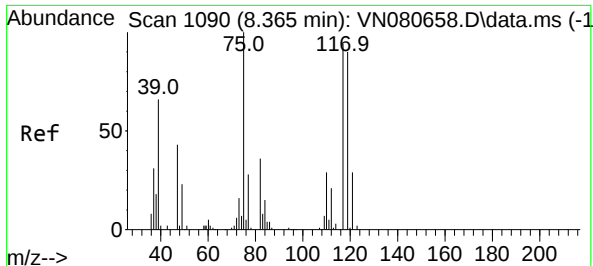
Delta R.T. 0.012 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

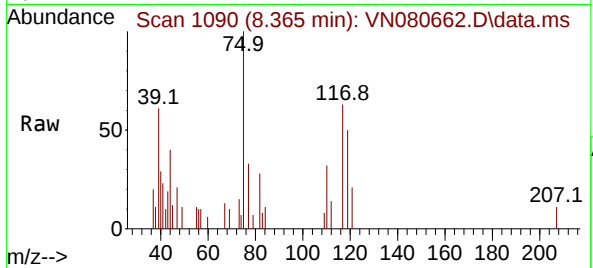
Tgt Ion: 43	Resp: 4242
Ion Ratio	Lower Upper
43 100	
61 5.6	13.2 19.8
70 12.4	11.3 16.9





#38
Carbon Tetrachloride
Concen: 0.989 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

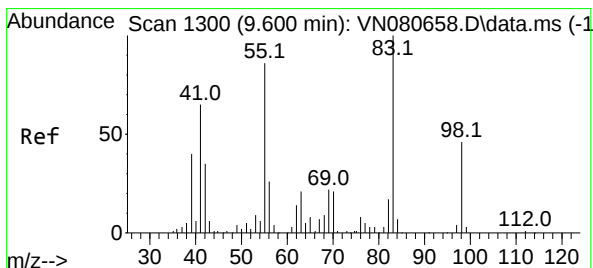
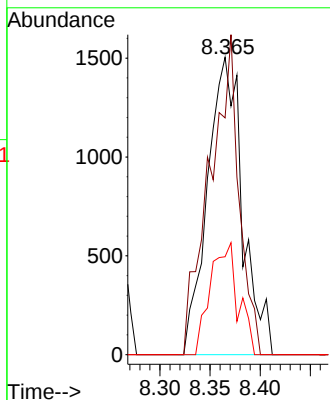
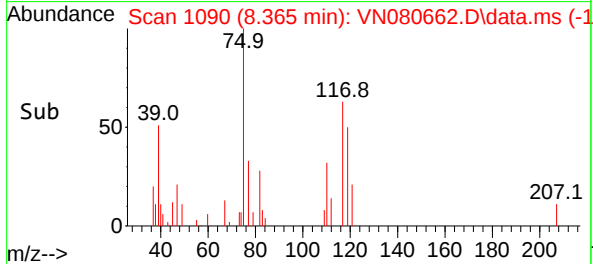
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 117 Resp: 366
Ion Ratio Lower Upper
117 100
119 79.6 77.3 115.9
121 32.9 23.3 34.9

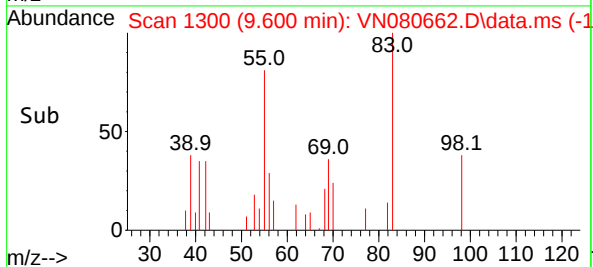
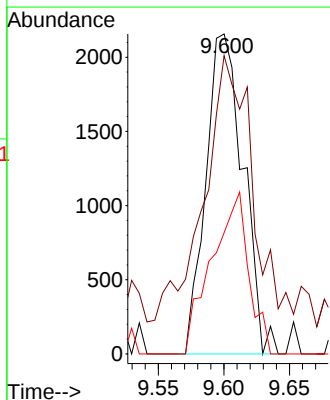
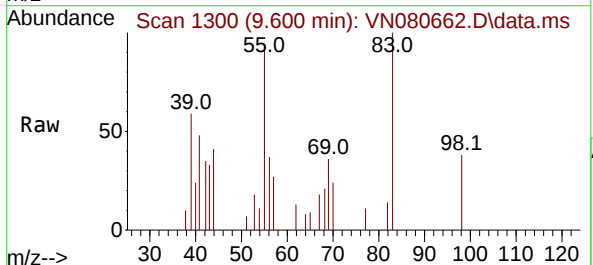
Manual Integrations
APPROVED

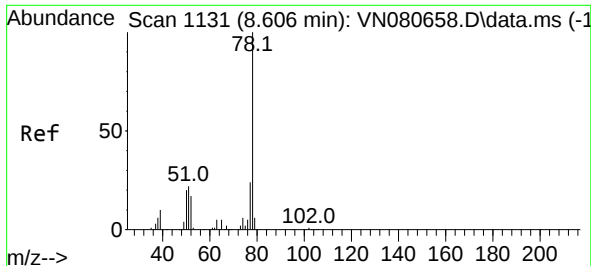
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#39
Methylcyclohexane
Concen: 1.084 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 83 Resp: 4278
Ion Ratio Lower Upper
83 100
55 79.1 49.1 73.7#
98 37.9 40.6 61.0#





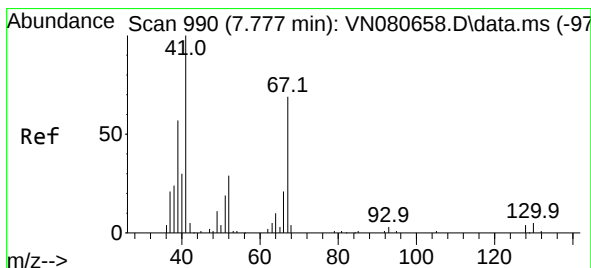
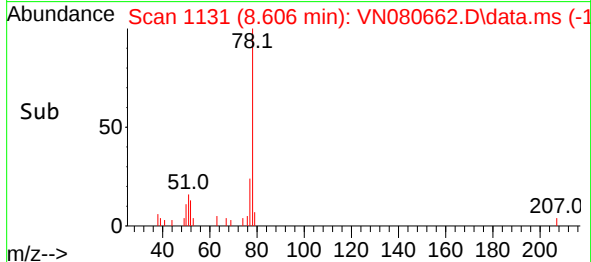
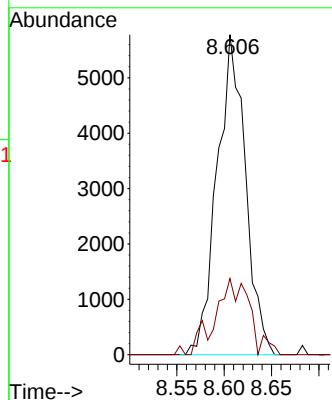
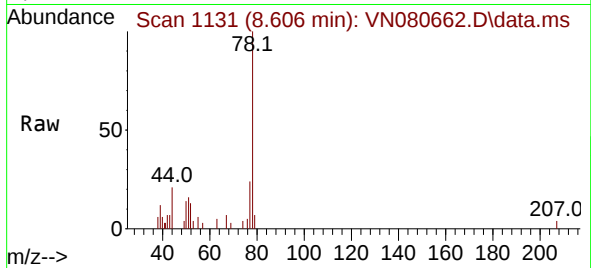
#40
Benzene
Concen: 1.037 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 1202
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

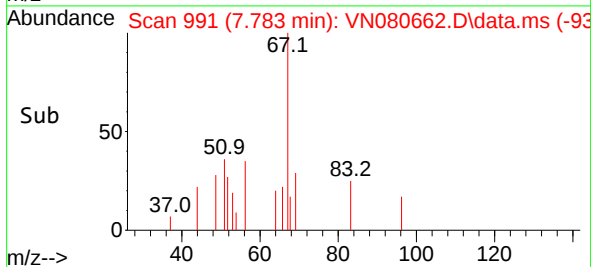
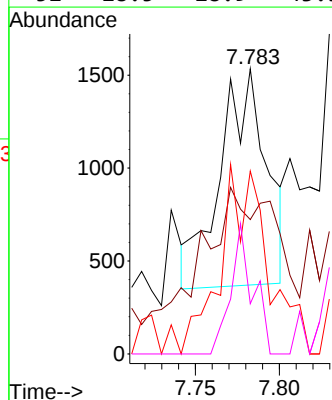
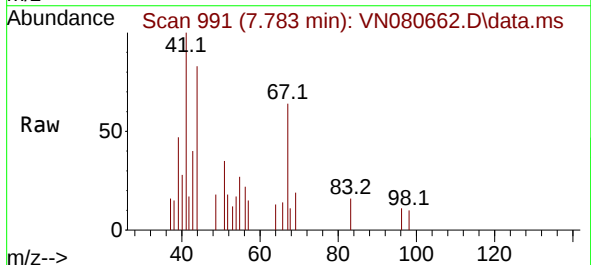
Manual Integrations
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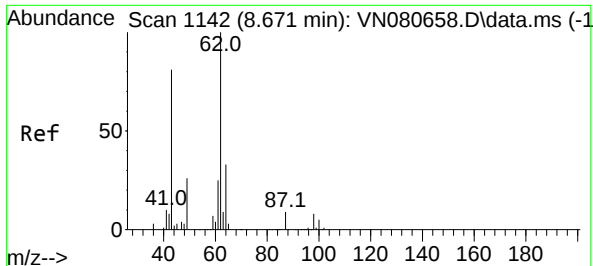
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#41
Methacrylonitrile
Concen: 0.977 ug/l m
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 41 Resp: 2242
Ion Ratio Lower Upper
41 100
39 61.2 42.6 64.0
67 87.7 77.5 116.3
52 28.5 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.953 ug/l

RT: 8.677 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 4228

Ion Ratio Lower Upper

62 100

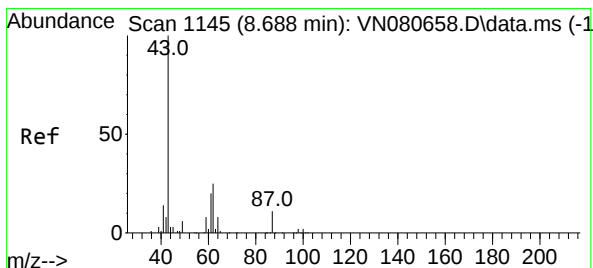
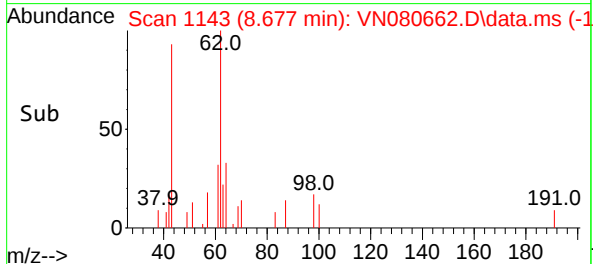
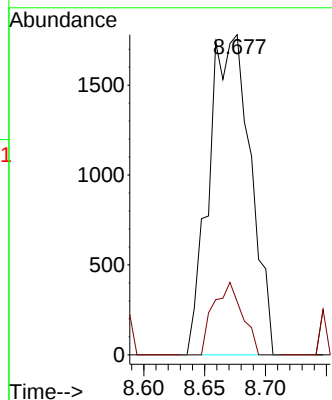
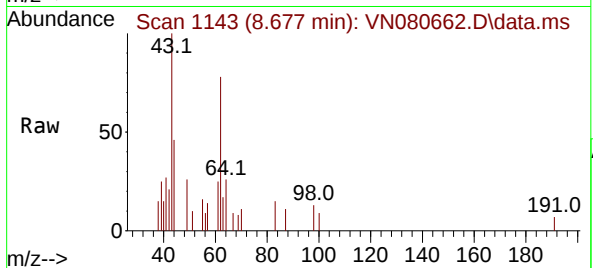
98 15.8 0.0 19.8

Manual Integrations

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#43

Isopropyl Acetate

Concen: 1.018 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

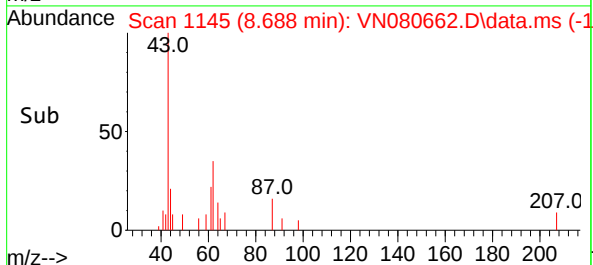
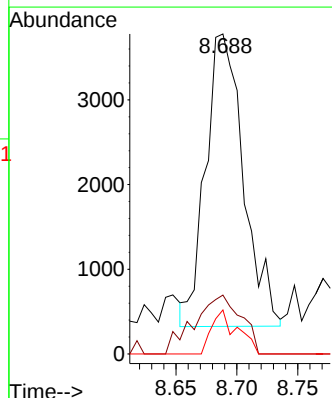
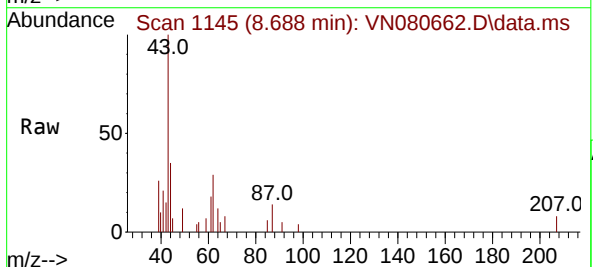
Tgt Ion: 43 Resp: 7483

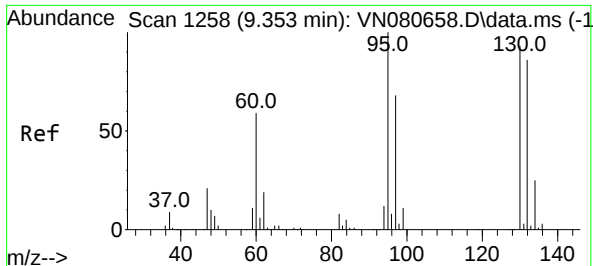
Ion Ratio Lower Upper

43 100

61 24.9 24.7 37.1

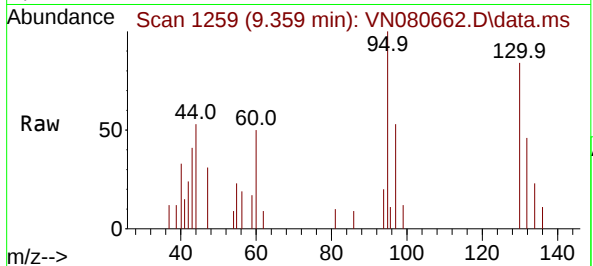
87 10.1 14.6 21.8#





#44
Trichloroethene
Concen: 1.099 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

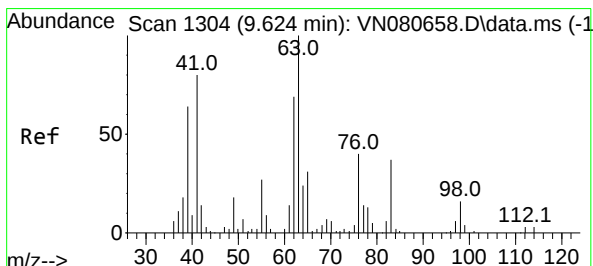
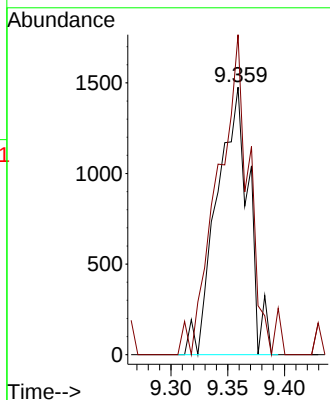
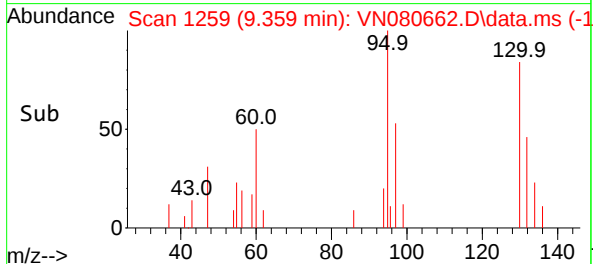
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



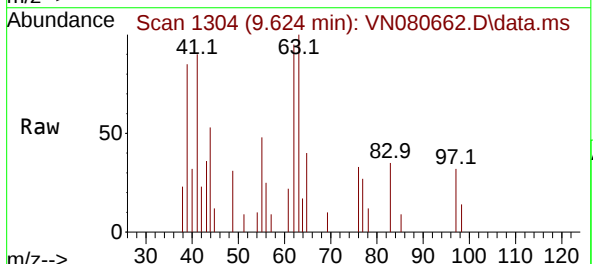
Tgt Ion:130 Resp: 2884
Ion Ratio Lower Upper
130 100
95 132.7 0.0 204.6

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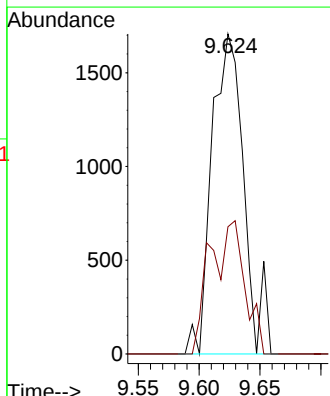
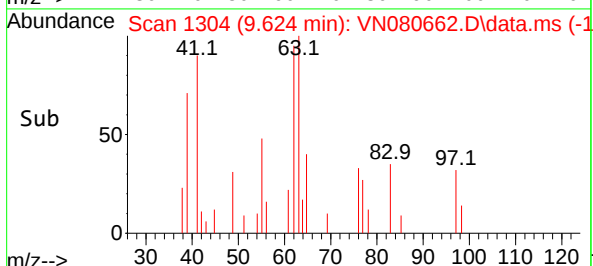
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

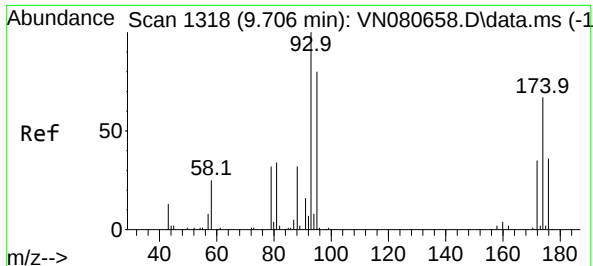


#45
1,2-Dichloropropane
Concen: 1.013 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08



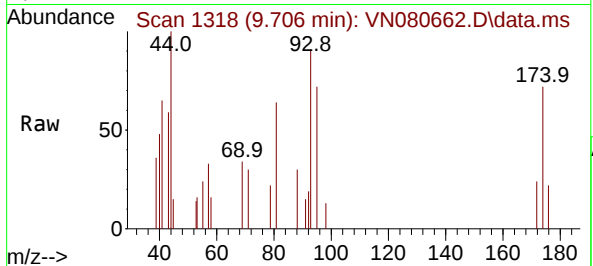
Tgt Ion: 63 Resp: 3112
Ion Ratio Lower Upper
63 100
65 39.8 23.9 35.9#





#46
Dibromomethane
Concen: 1.039 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

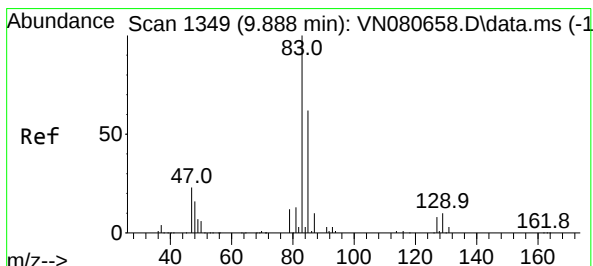
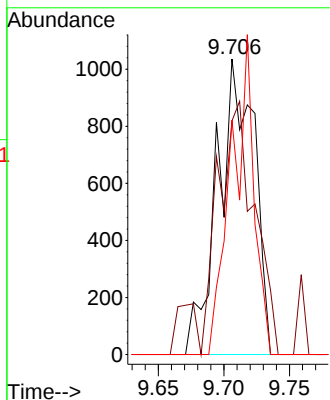
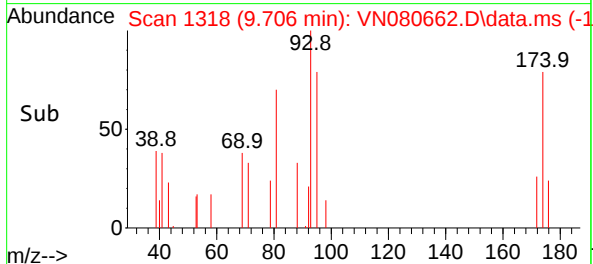
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



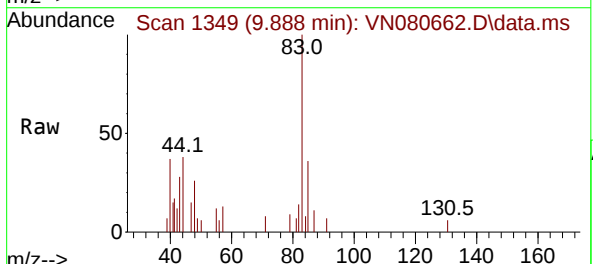
Tgt Ion: 93 Resp: 2020
Ion Ratio Lower Upper
93 100
95 84.3 63.8 95.8
174 66.8 65.6 98.4

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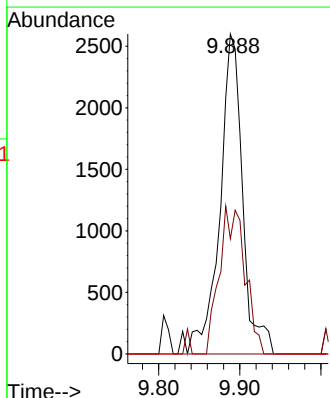
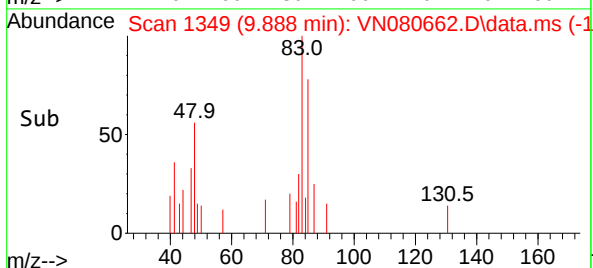
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

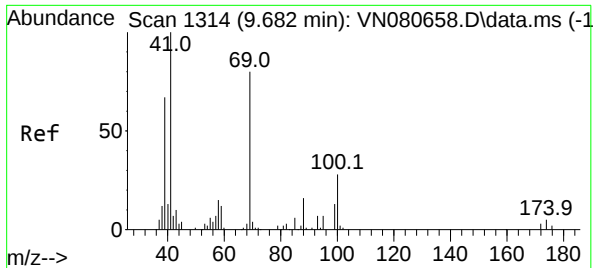


#47
Bromodichloromethane
Concen: 1.184 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08



Tgt Ion: 83 Resp: 5109
Ion Ratio Lower Upper
83 100
85 36.0 49.6 74.4#
127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 0.998 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

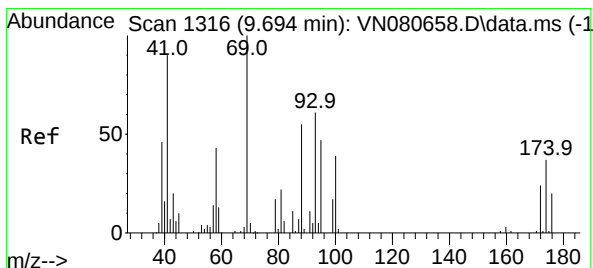
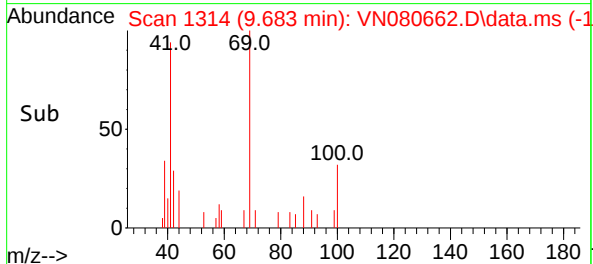
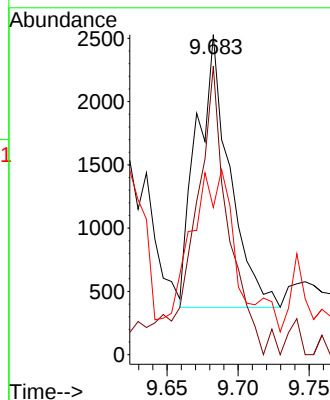
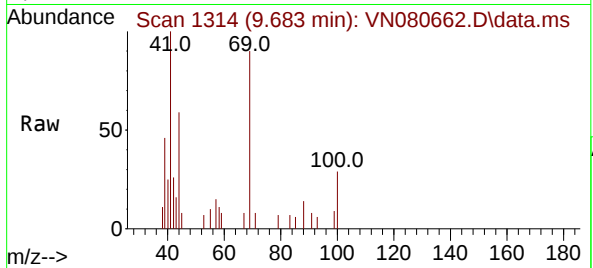
Tgt Ion: 41	Resp: 3474
Ion Ratio	Lower Upper
41 100	
69 112.2	90.4 135.6
39 83.4	54.6 81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#49

1,4-Dioxane

Concen: 19.998 ug/l

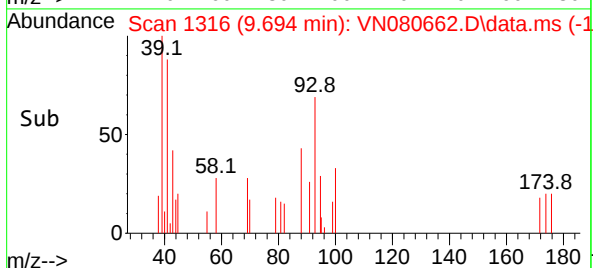
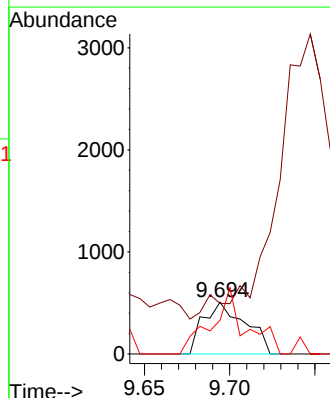
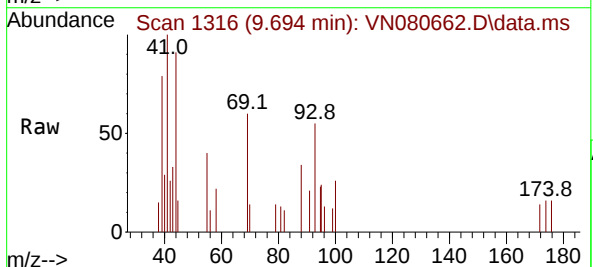
RT: 9.694 min Scan# 1316

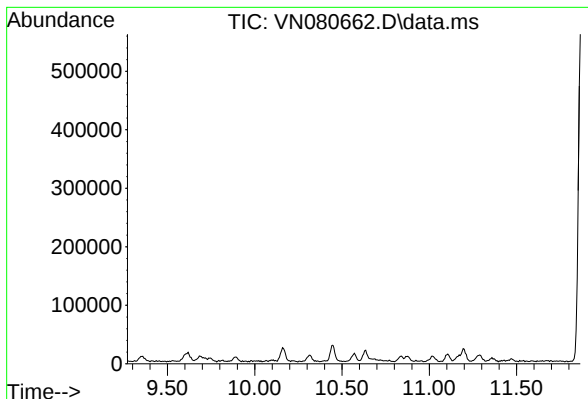
Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Tgt Ion: 88	Resp: 867
Ion Ratio	Lower Upper
88 100	
43 0.0	17.0 25.6#
58 103.0	47.0 70.4#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.57 min

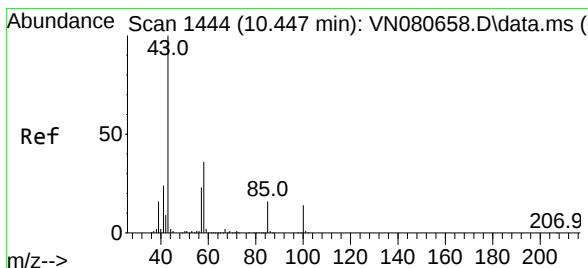
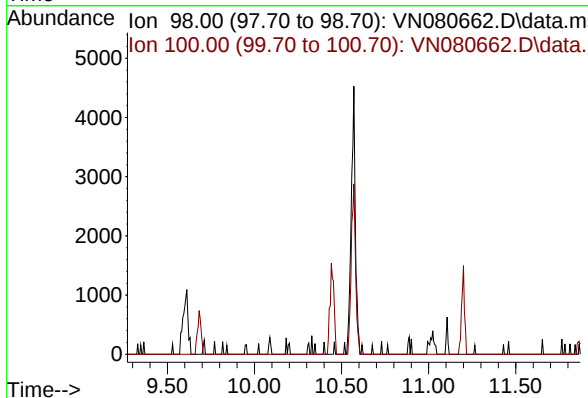
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.0

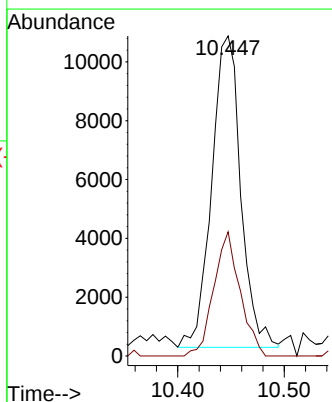
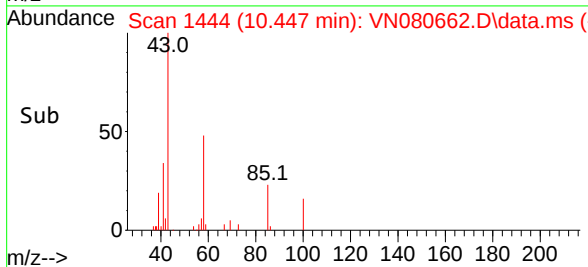
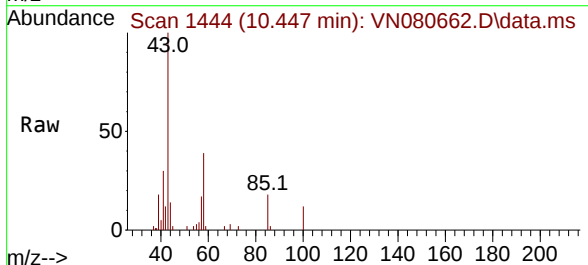
Manual Integrations
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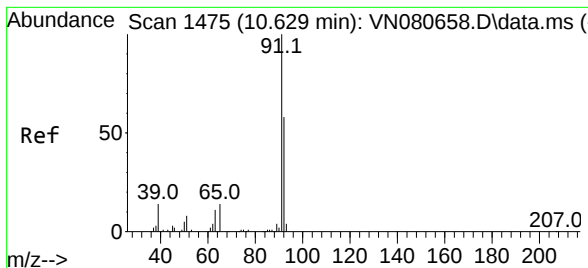
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#51
4-Methyl-2-Pentanone
Concen: 5.061 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 43 Resp: 20066
Ion Ratio Lower Upper
43 100
58 36.0 36.6 54.8#





#52

Toluene

Concen: 0.992 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 92 Resp: 658

Ion Ratio Lower Upper

92 100

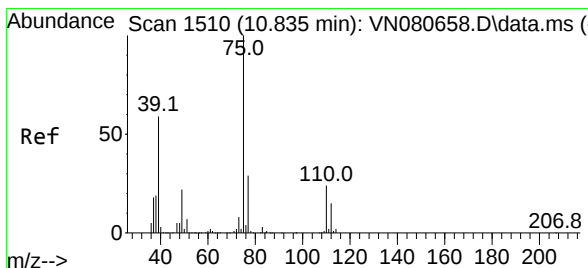
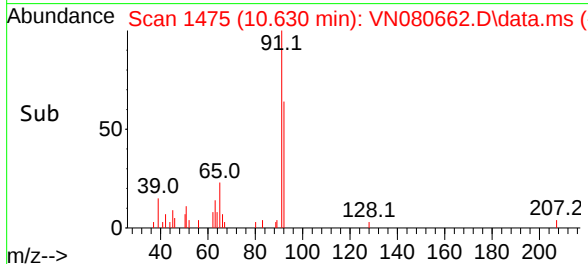
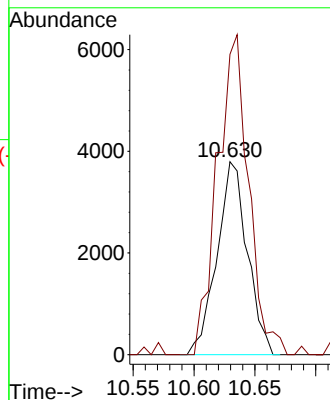
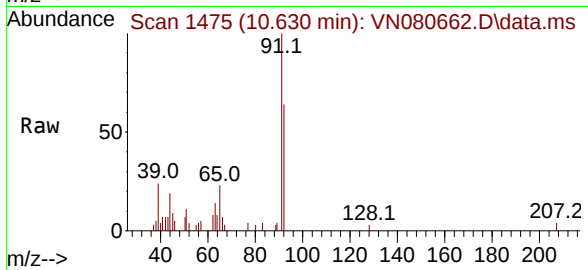
91 170.4 137.4 206.0

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#53

t-1,3-Dichloropropene

Concen: 0.921 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN080662.D

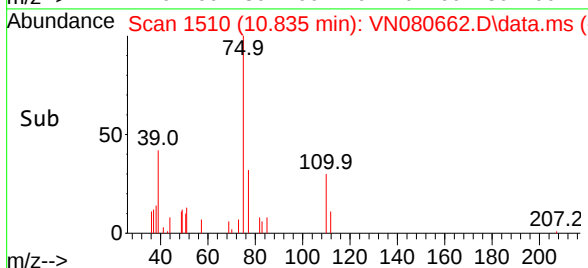
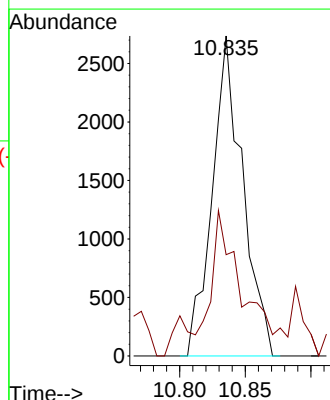
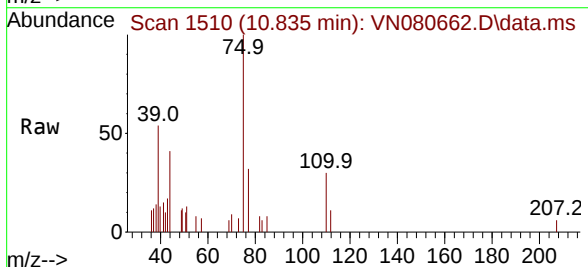
Acq: 10 Jan 2024 15:08

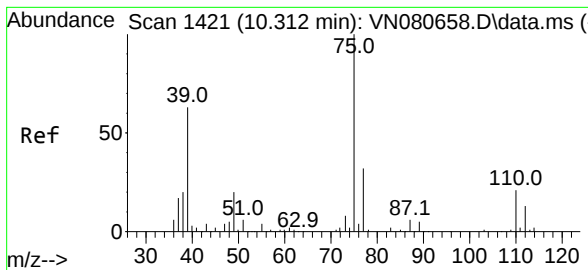
Tgt Ion: 75 Resp: 4413

Ion Ratio Lower Upper

75 100

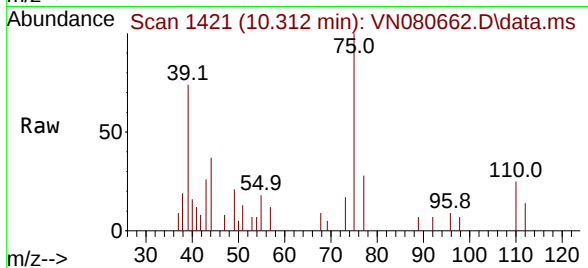
77 22.9 25.4 38.0#





#54
 cis-1,3-Dichloropropene
 Concen: 1.019 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08

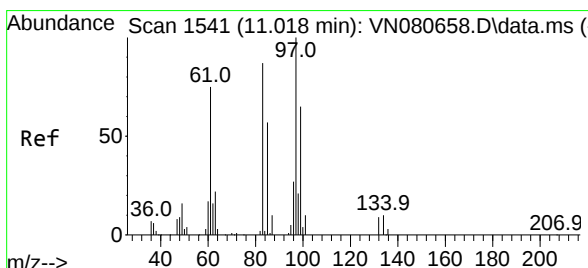
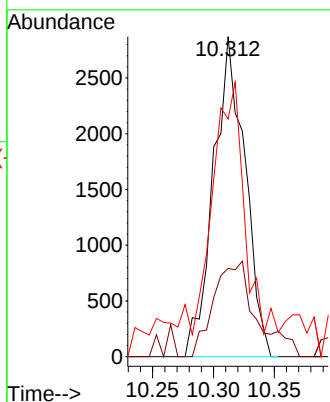
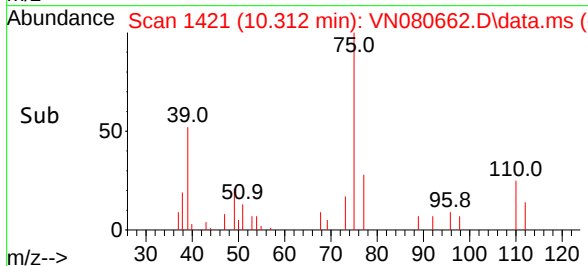
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001



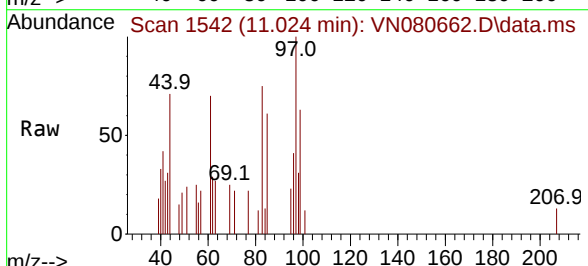
Tgt Ion: 75 Resp: 5178
 Ion Ratio Lower Upper
 75 100
 77 27.6 26.1 39.1
 39 66.7 31.6 47.4

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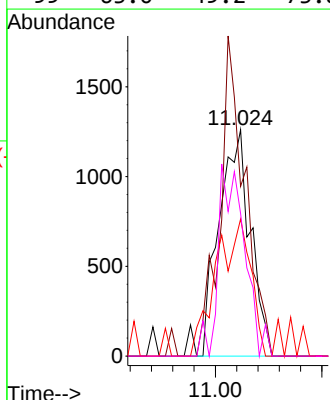
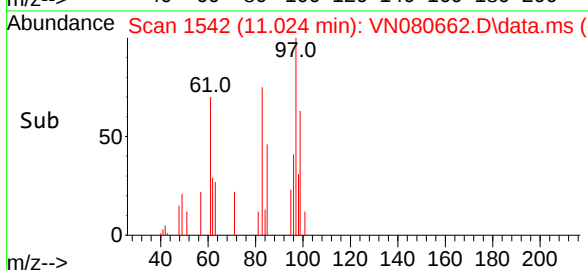
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

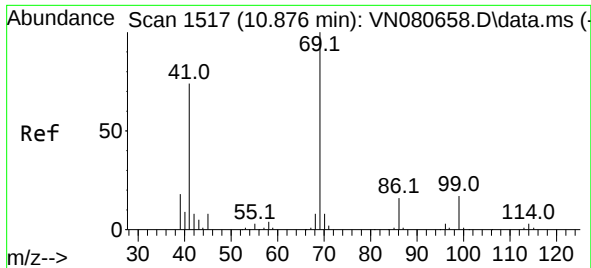


#55
 1,1,2-Trichloroethane
 Concen: 1.030 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08



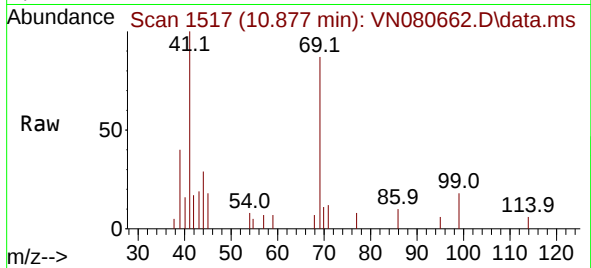
Tgt Ion: 97 Resp: 2632
 Ion Ratio Lower Upper
 97 100
 83 74.9 65.1 97.7
 85 60.5 43.4 65.2
 99 63.0 49.2 73.8





#56
Ethyl methacrylate
Concen: 1.064 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

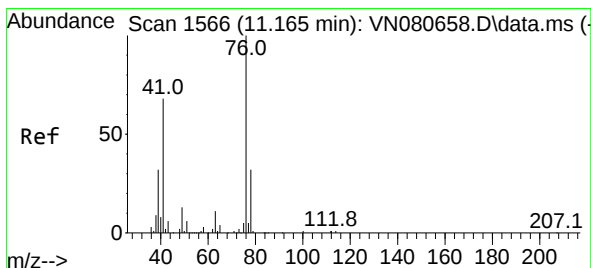
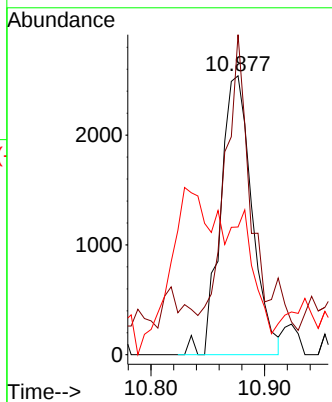
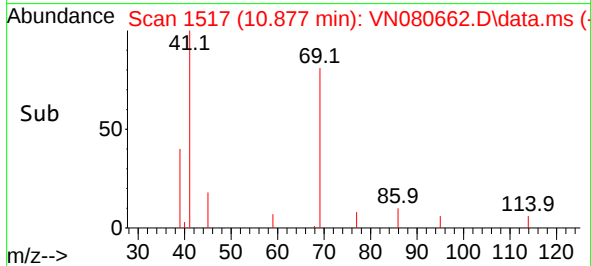
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



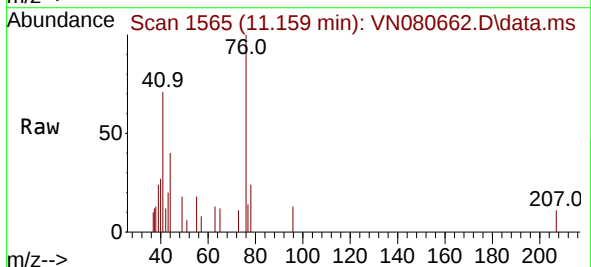
Tgt Ion: 69 Resp: 4872
Ion Ratio Lower Upper
69 100
41 75.1 39.6 59.4
39 0.0 28.6 43.0

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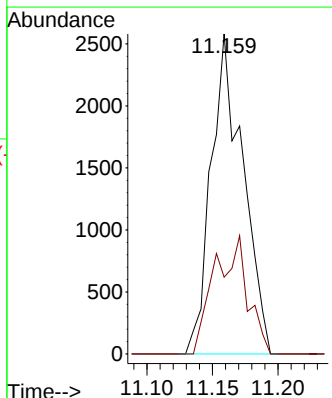
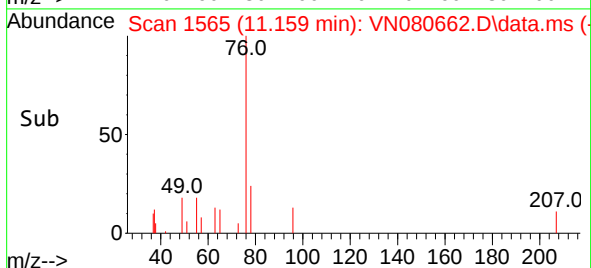
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

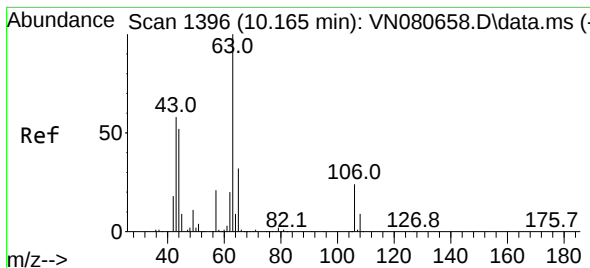


#57
1,3-Dichloropropane
Concen: 0.933 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08



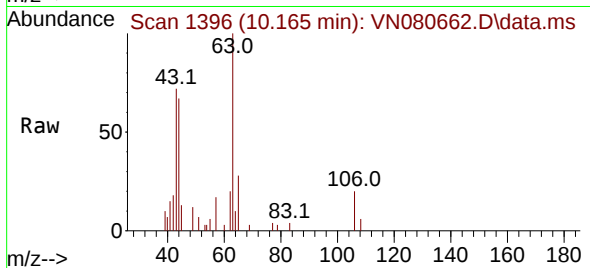
Tgt Ion: 76 Resp: 4352
Ion Ratio Lower Upper
76 100
78 38.5 26.1 39.1





#58
2-Chloroethyl Vinyl ether
Concen: 4.606 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

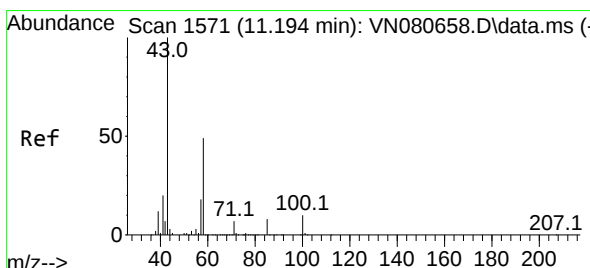
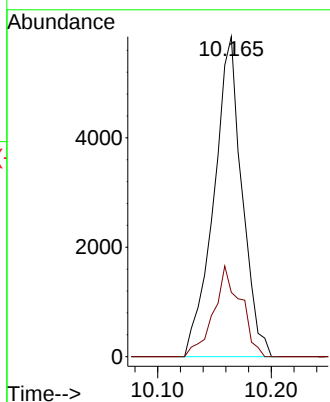
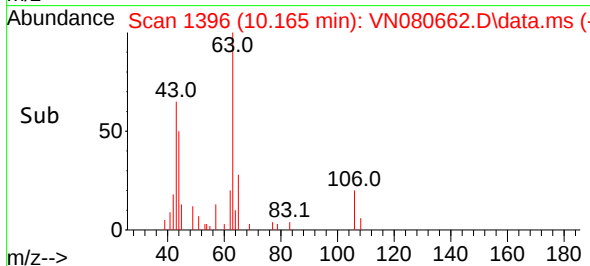
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



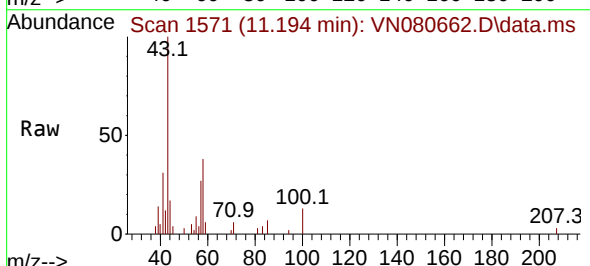
Tgt Ion: 63 Resp: 10100
Ion Ratio Lower Upper
63 100
106 27.3 26.2 39.4

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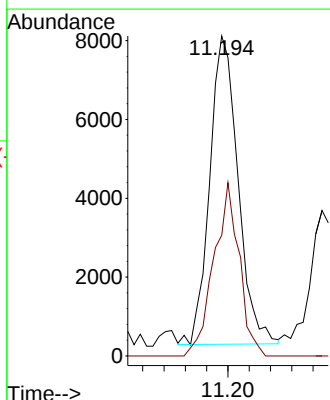
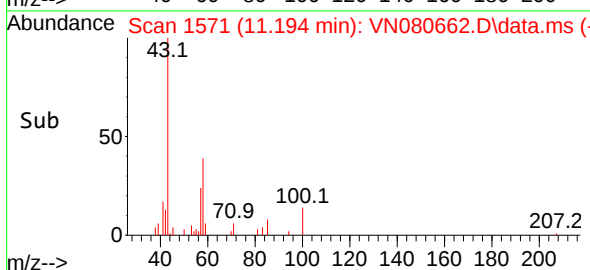
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

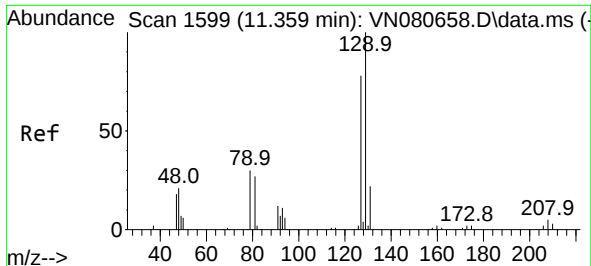


#59
2-Hexanone
Concen: 4.934 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08



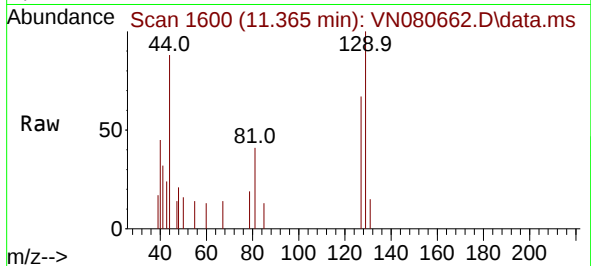
Tgt Ion: 43 Resp: 14440
Ion Ratio Lower Upper
43 100
58 50.1 31.7 95.1





#60
Dibromochloromethane
Concen: 1.025 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

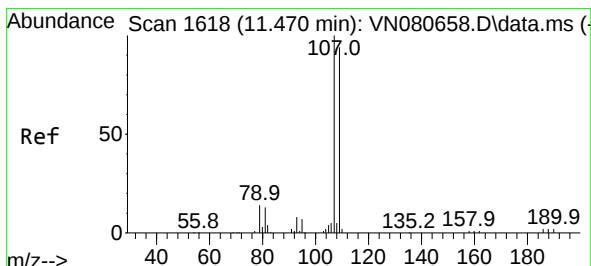
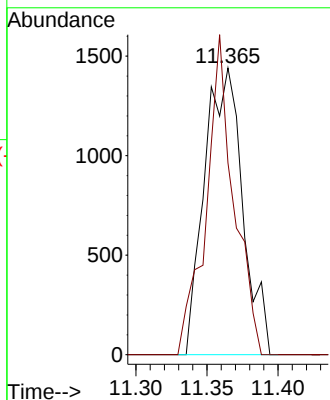
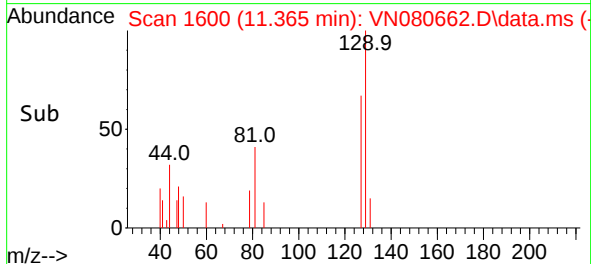
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



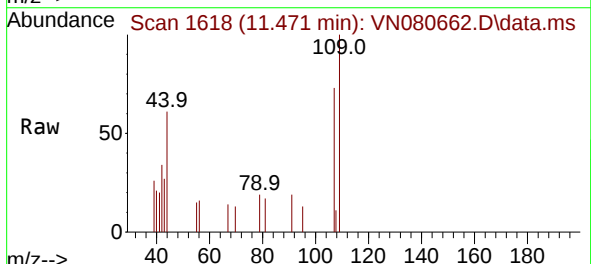
Tgt Ion:129 Resp: 2694
Ion Ratio Lower Upper
129 100
127 80.7 38.6 116.0

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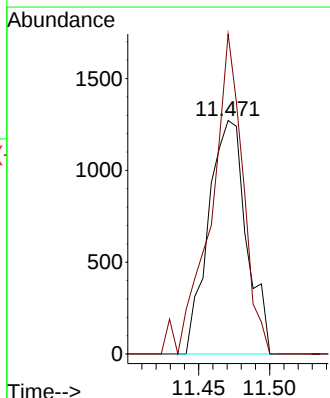
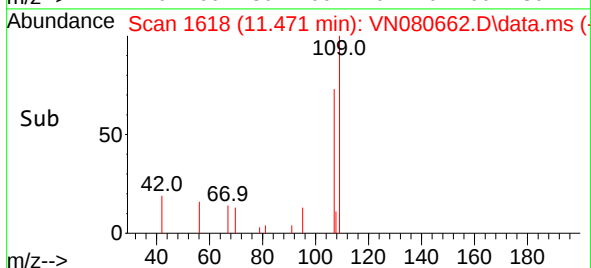
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

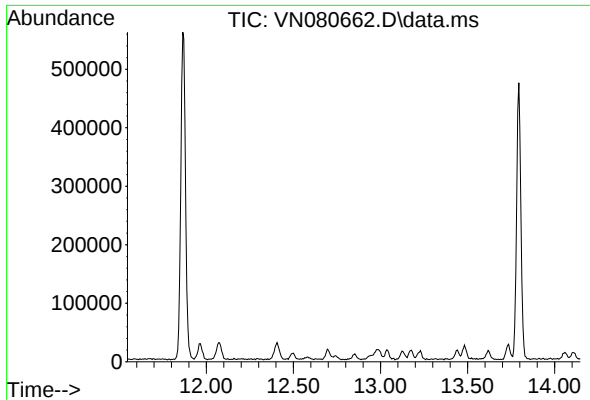


#61
1,2-Dibromoethane
Concen: 0.940 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08



Tgt Ion:107 Resp: 2363
Ion Ratio Lower Upper
107 100
109 115.2 76.6 114.8#





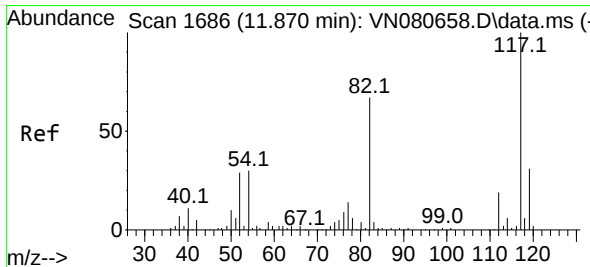
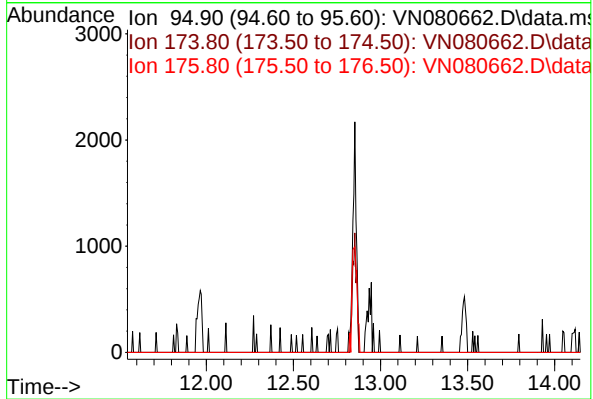
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 71.9
 176 67.9

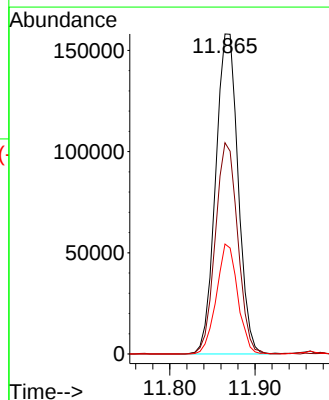
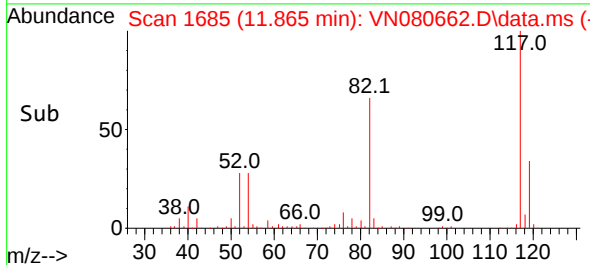
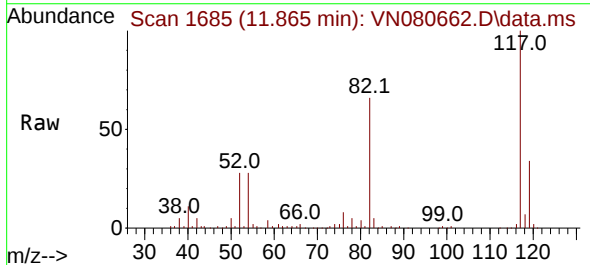
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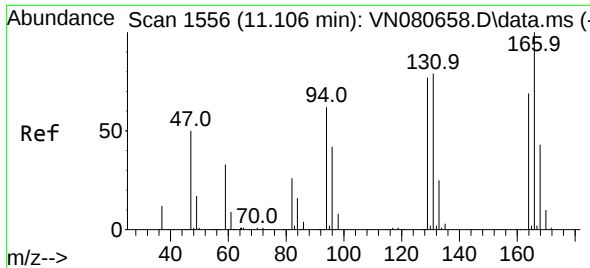
Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.006 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08

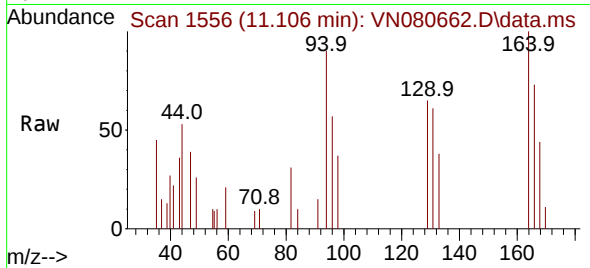
Tgt Ion: 117 Resp: 289731
 Ion Ratio Lower Upper
 117 100
 82 66.0 44.0 66.0#
 119 34.3 25.6 38.4





#64
Tetrachloroethene
Concen: 1.108 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

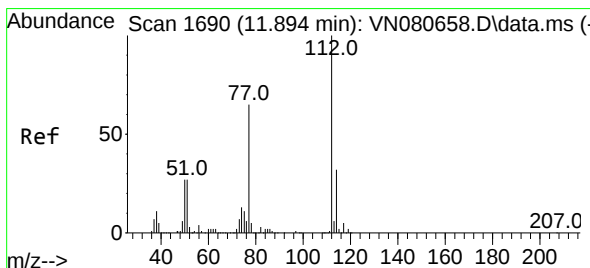
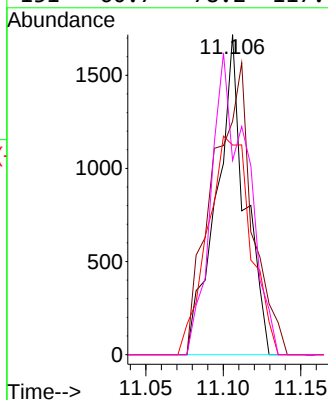
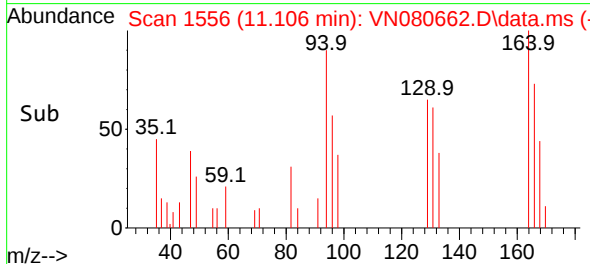
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 2204
Ion Ratio Lower Upper
164 100
166 72.9 101.4 152.0
129 65.5 82.4 123.6
131 60.7 78.2 117.4#

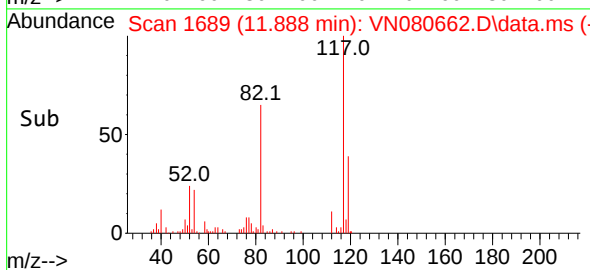
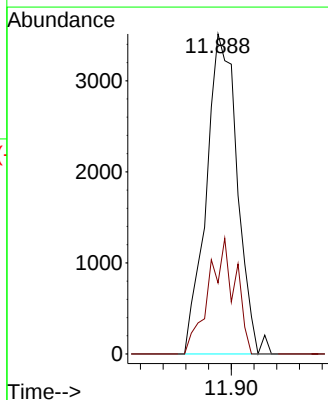
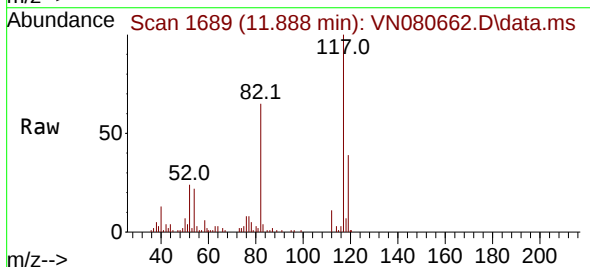
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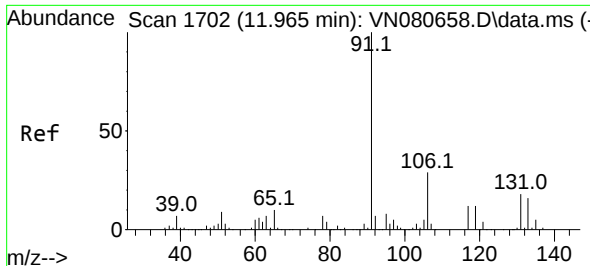
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#65
Chlorobenzene
Concen: 1.053 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

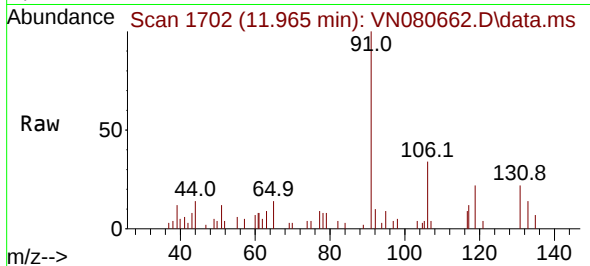
Tgt Ion:112 Resp: 6668
Ion Ratio Lower Upper
112 100
114 22.2 25.0 37.4#





#66
1,1,1,2-Tetrachloroethane
Concen: 0.962 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

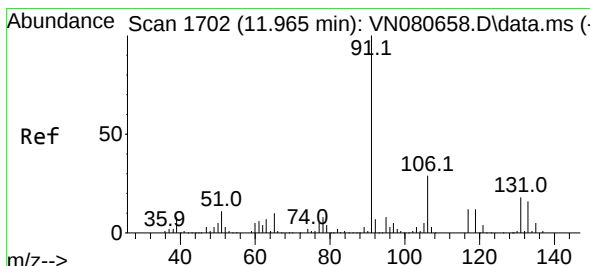
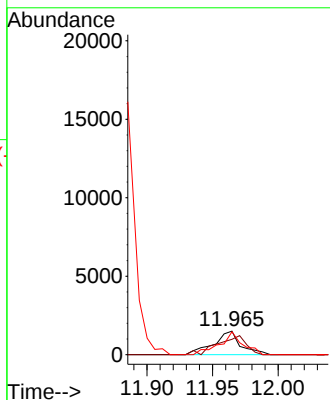
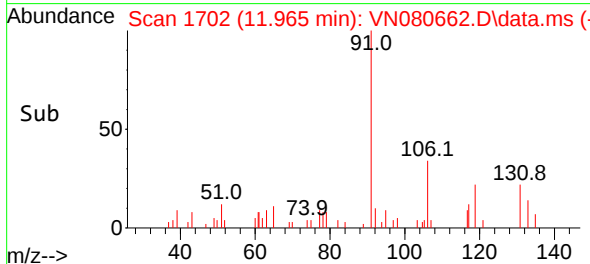
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



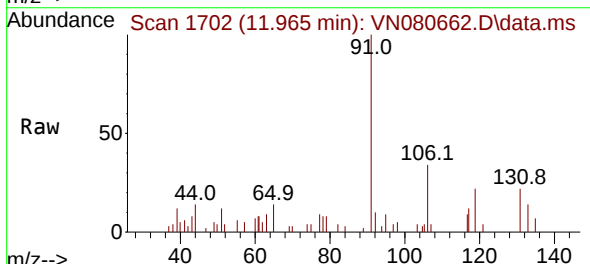
Tgt Ion:131 Resp: 216
Ion Ratio Lower Upper
131 100
133 85.7 46.4 139.1
119 0.0 34.1 102.2

Manual Integrations
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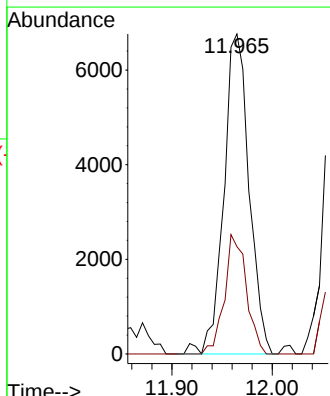
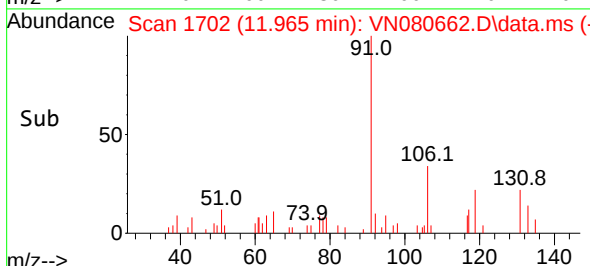
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

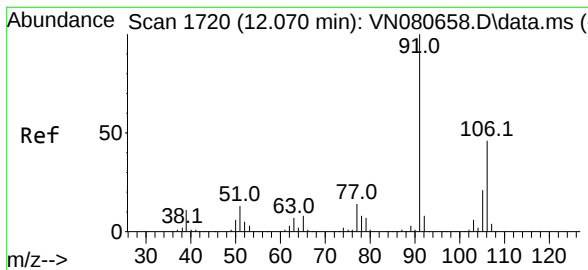


#67
Ethyl Benzene
Concen: 0.978 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08



Tgt Ion: 91 Resp: 11821
Ion Ratio Lower Upper
91 100
106 33.6 25.6 38.4





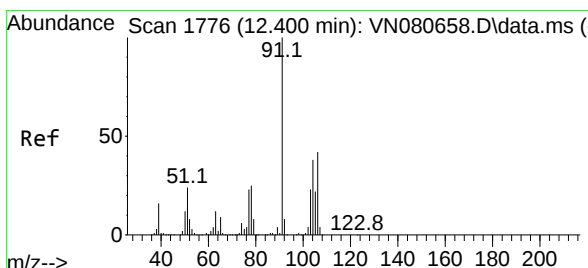
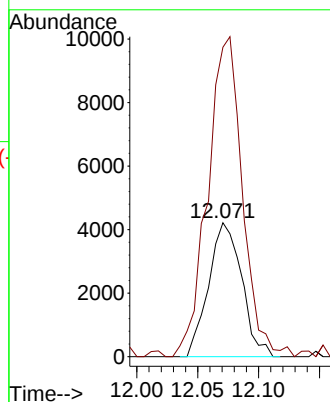
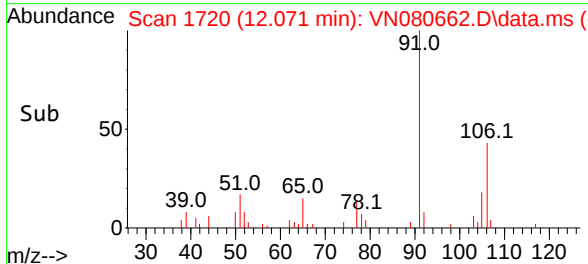
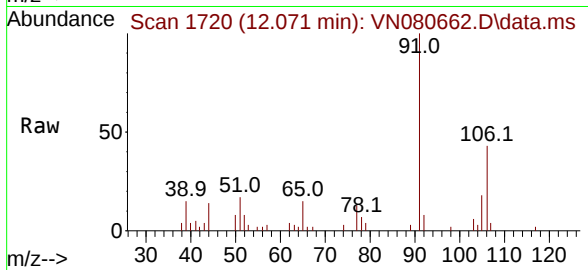
#68
m/p-Xylenes
Concen: 1.876 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 7970
Ion Ratio Lower Upper
106 100
91 251.5 159.6 239.4

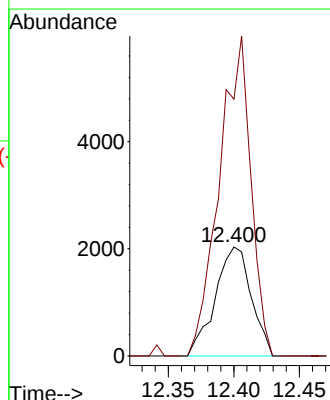
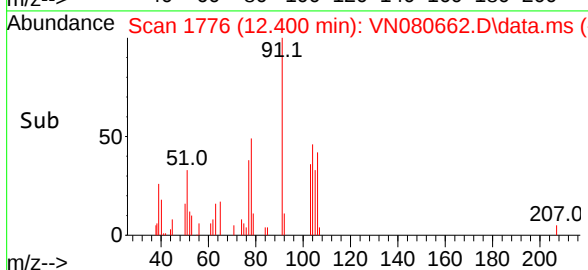
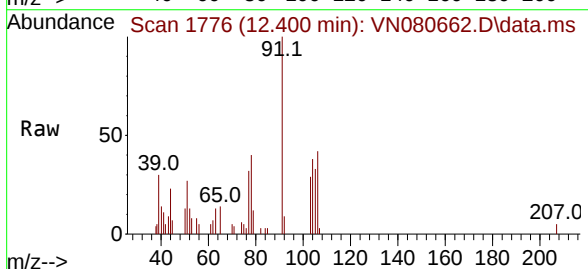
Manual Integrations
APPROVED

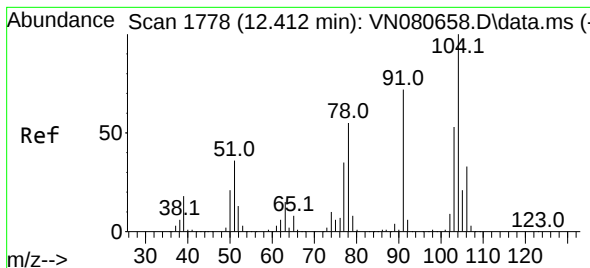
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#69
o-Xylene
Concen: 0.936 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion:106 Resp: 3888
Ion Ratio Lower Upper
106 100
91 257.1 105.2 315.5





#70

Styrene

Concen: 0.969 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:104 Resp: 6839

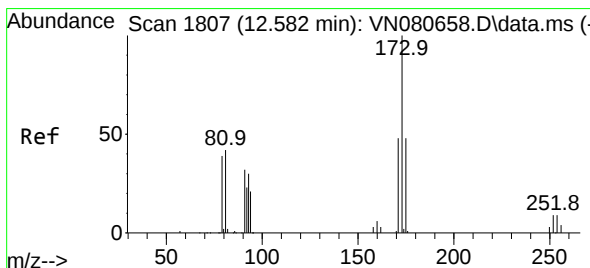
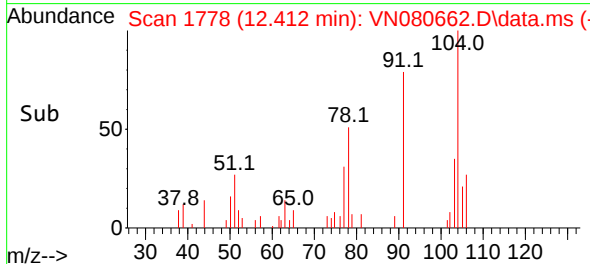
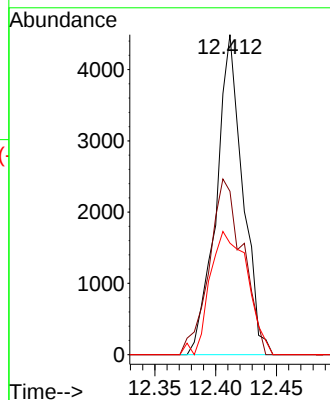
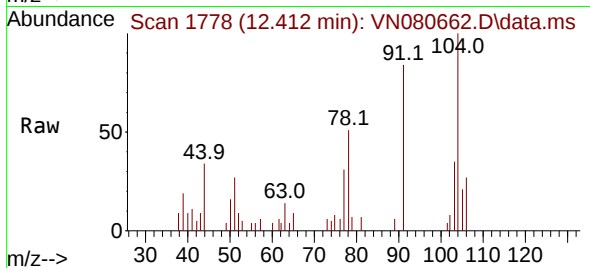
Ion	Ratio	Lower	Upper
104	100		
78	69.1	39.5	59.3
103	54.3	43.2	64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#71

Bromoform

Concen: 0.978 ug/l

RT: 12.582 min Scan# 1807

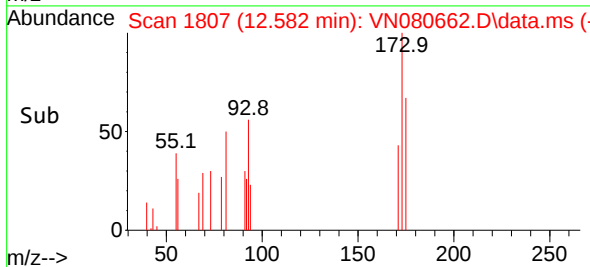
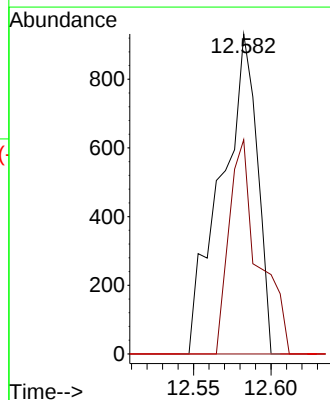
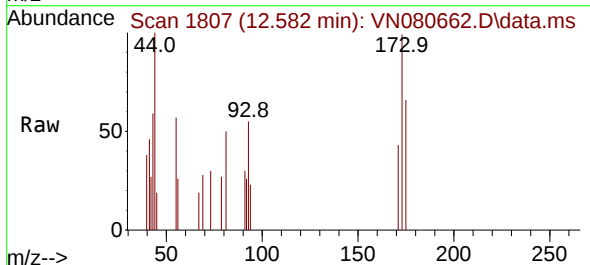
Delta R.T. 0.000 min

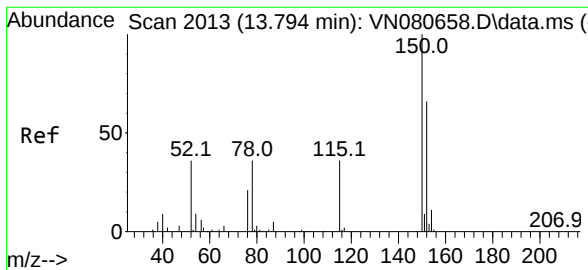
Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Tgt Ion:173 Resp: 1512

Ion	Ratio	Lower	Upper
173	100		
175	54.8	24.3	73.0
254	0.0	0.0	0.0





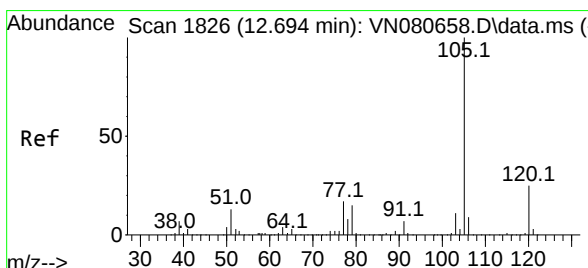
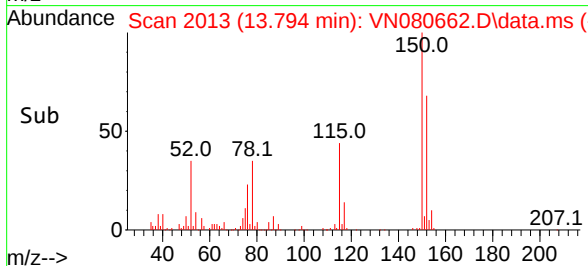
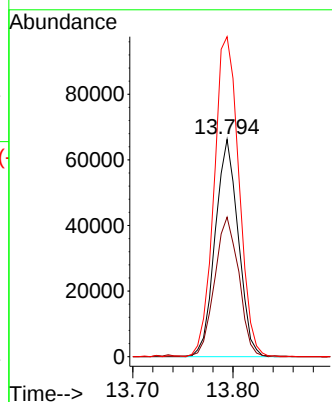
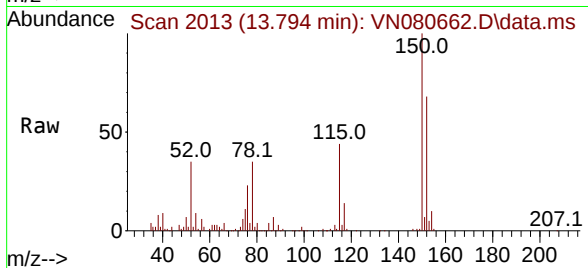
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:152 Resp: 105960
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 158.2 0.0 355.8

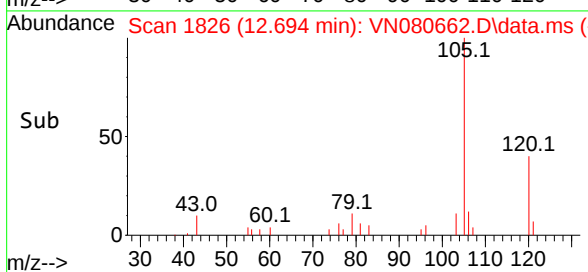
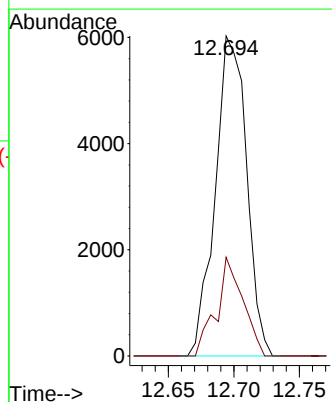
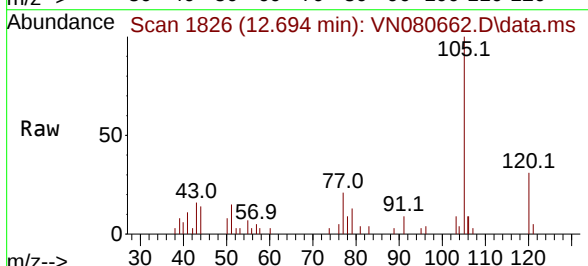
Manual Integrations
APPROVED

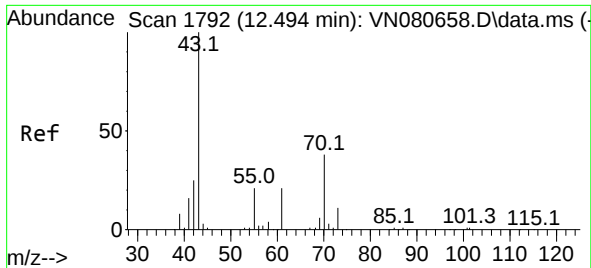
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#73
Isopropylbenzene
Concen: 0.994 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

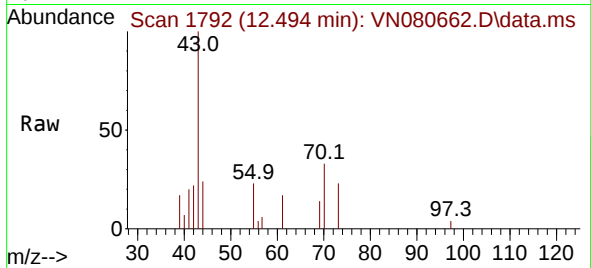
Tgt Ion:105 Resp: 10013
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1





#74
N-amy1 acetate
Concen: 1.040 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

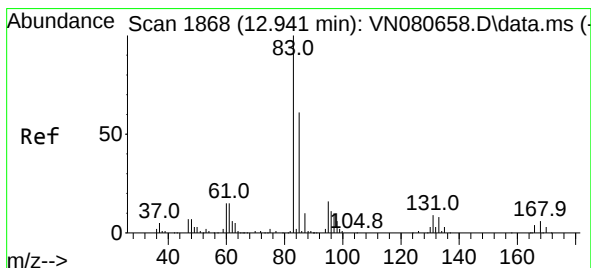
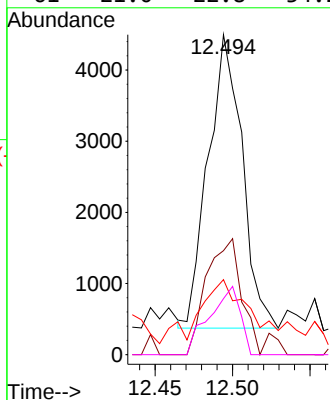
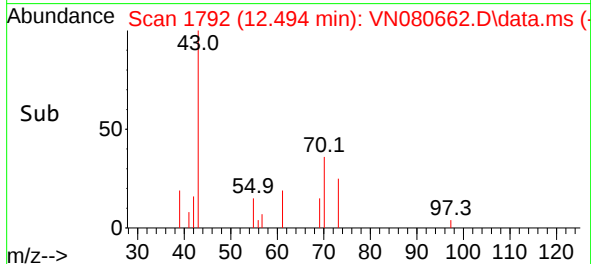
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 6288
Ion Ratio Lower Upper
43 100
70 43.4 43.4 65.2
55 53.5 21.4 32.0
61 21.0 22.8 34.2

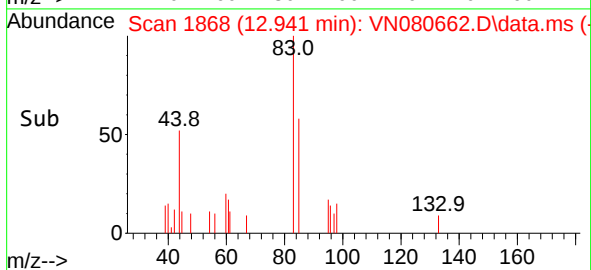
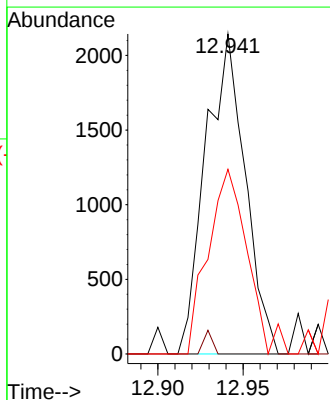
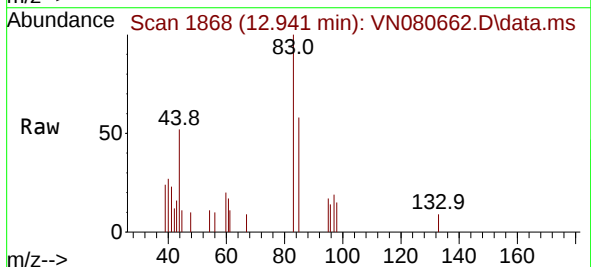
Manual Integrations
APPROVED

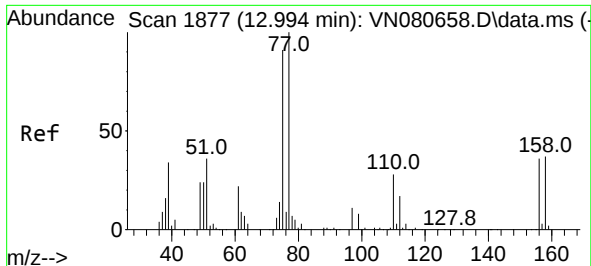
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 1.044 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 83 Resp: 3450
Ion Ratio Lower Upper
83 100
131 1.6 5.0 15.0
85 57.8 31.9 95.7





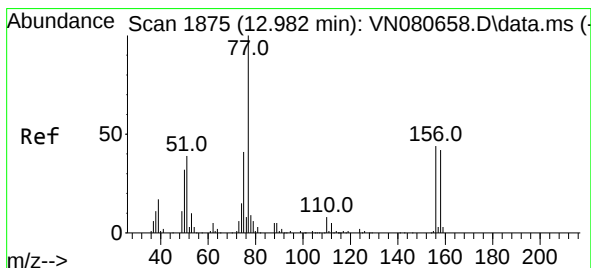
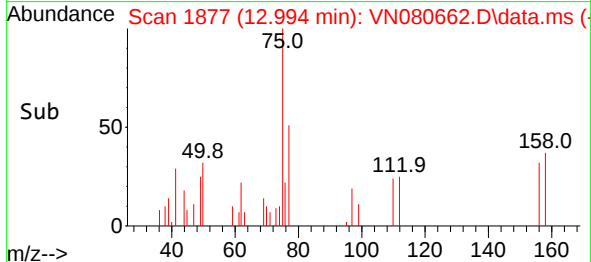
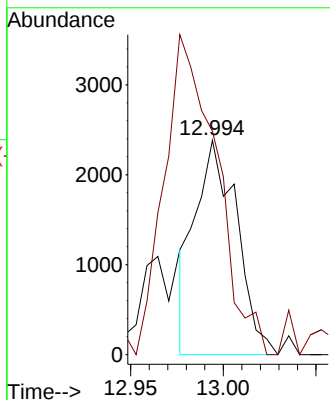
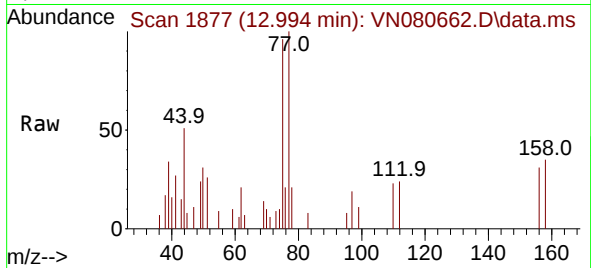
#76
1,2,3-Trichloropropane
Concen: 1.116 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 3715
Ion Ratio Lower Upper
75 100
77 0.0 84.5 253.5

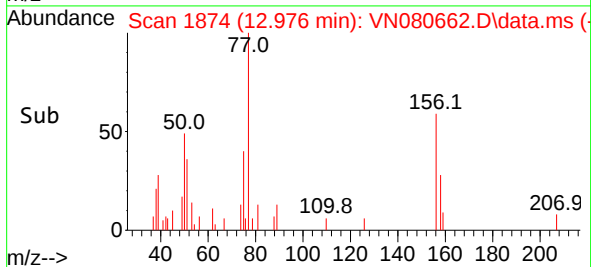
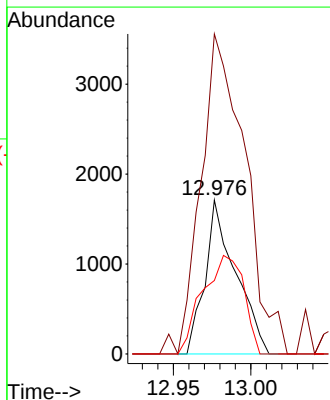
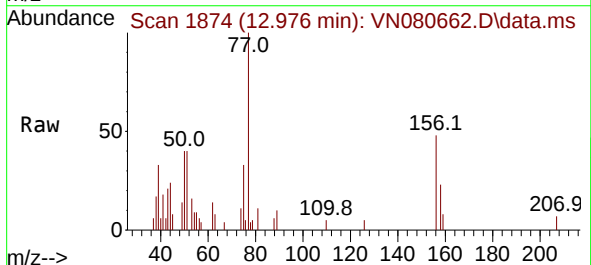
Manual Integrations
APPROVED

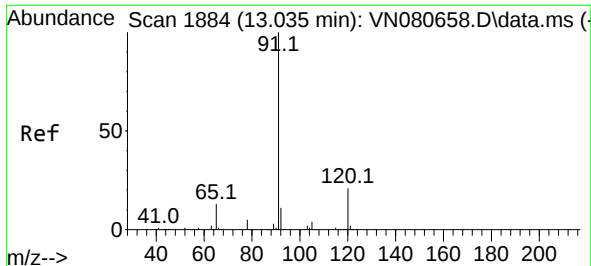
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#77
Bromobenzene
Concen: 1.098 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion:156 Resp: 2349
Ion Ratio Lower Upper
156 100
77 300.5 107.7 323.3
158 85.6 48.4 145.3





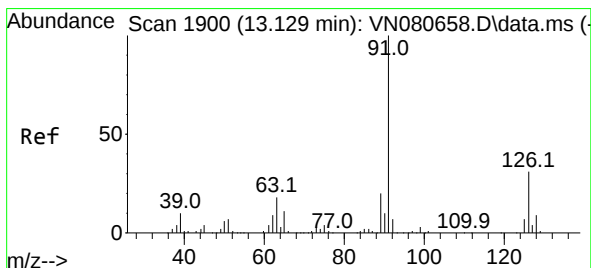
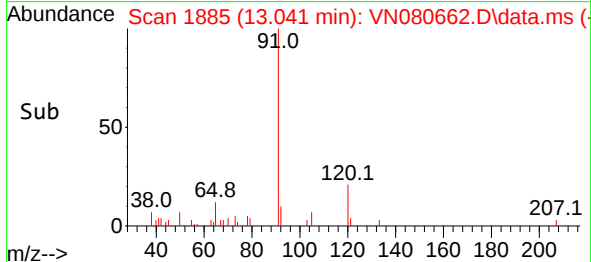
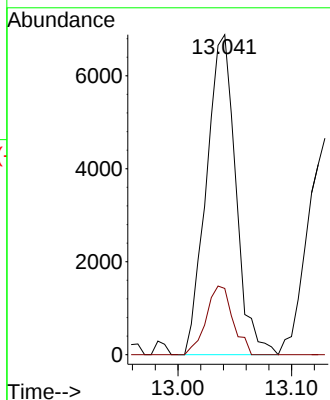
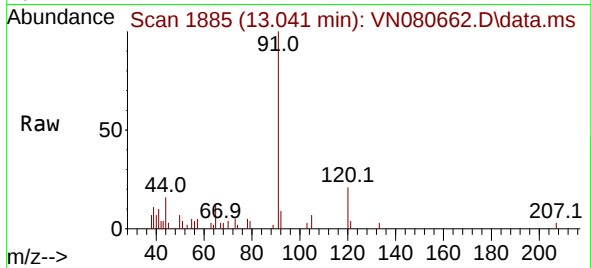
#78
n-propylbenzene
Concen: 1.001 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 12379
Ion Ratio Lower Upper
91 100
120 19.5 11.5 34.4

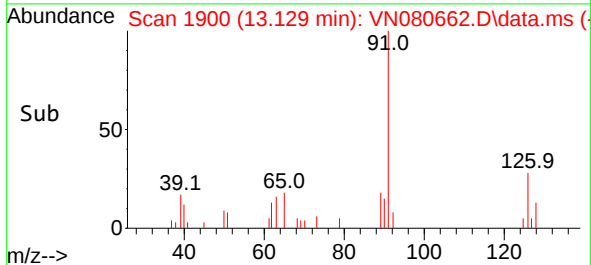
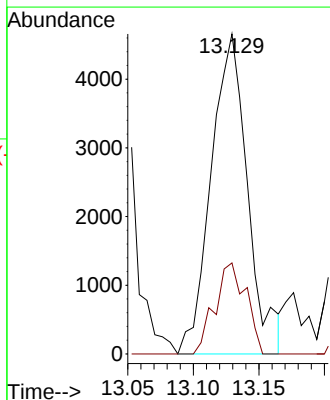
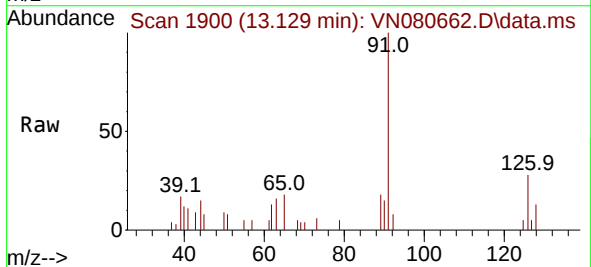
Manual Integrations
APPROVED

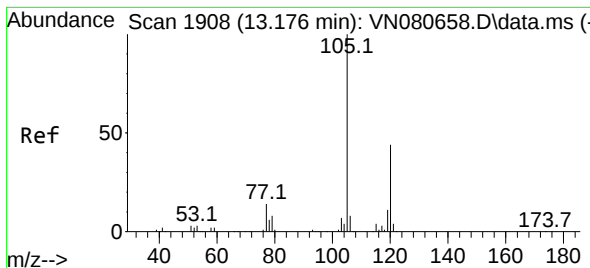
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#79
2-Chlorotoluene
Concen: 1.137 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion: 91 Resp: 9008
Ion Ratio Lower Upper
91 100
126 24.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 1.001 ug/l

RT: 13.171 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 840

Ion Ratio Lower Upper

105 100

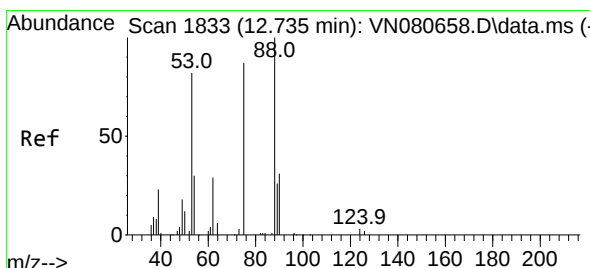
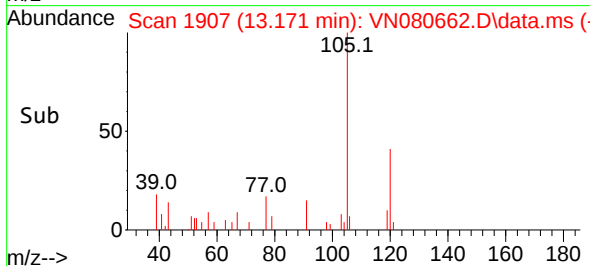
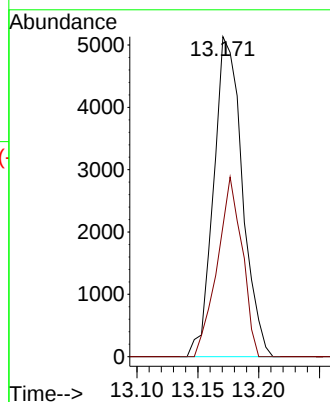
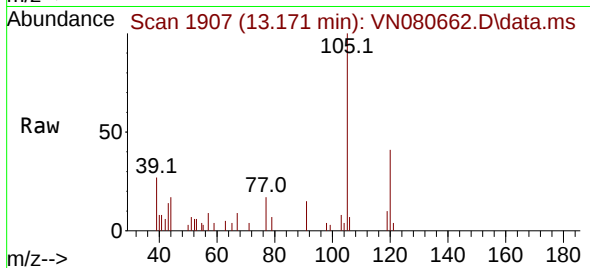
120 48.6 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 0.996 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

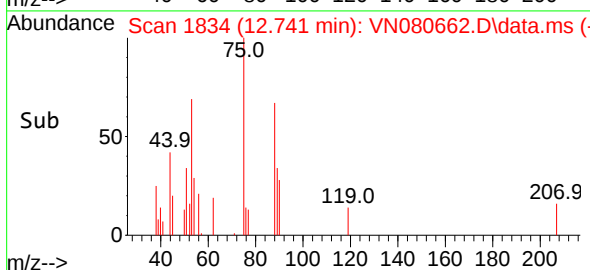
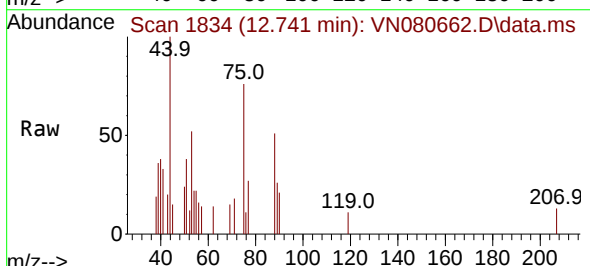
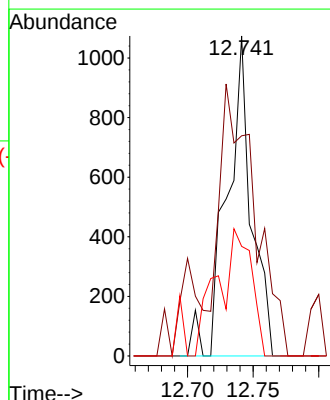
Tgt Ion: 75 Resp: 1382

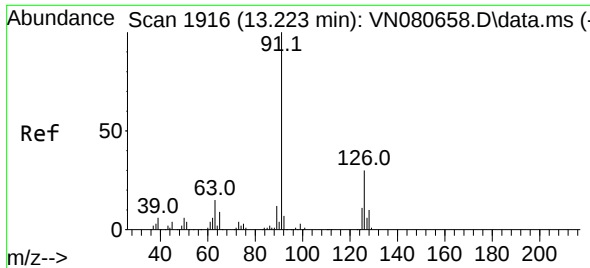
Ion Ratio Lower Upper

75 100

53 121.0 67.4 101.2#

89 56.1 38.8 58.2





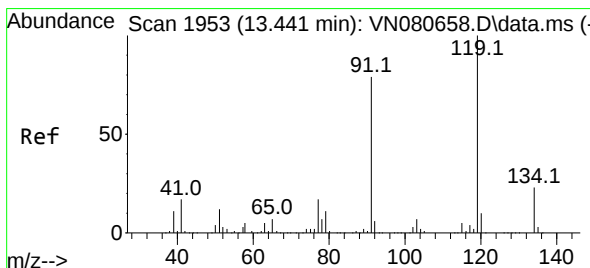
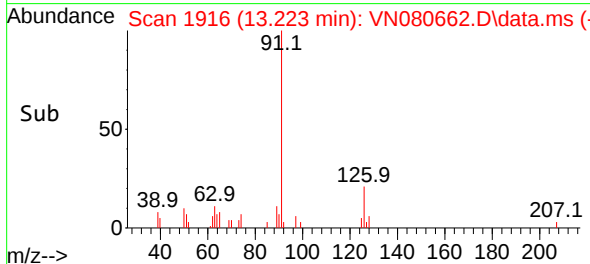
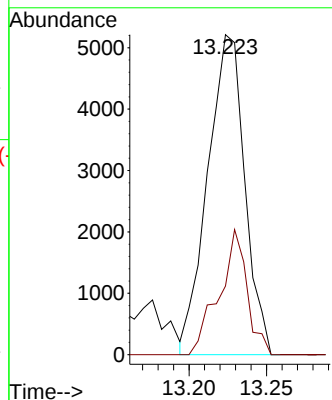
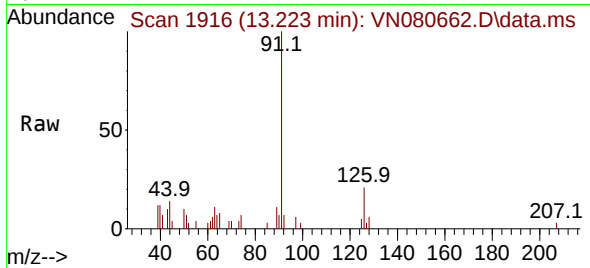
#82
4-Chlorotoluene
Concen: 1.116 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 8664
Ion Ratio Lower Upper
91 100
126 29.5 16.7 50.0

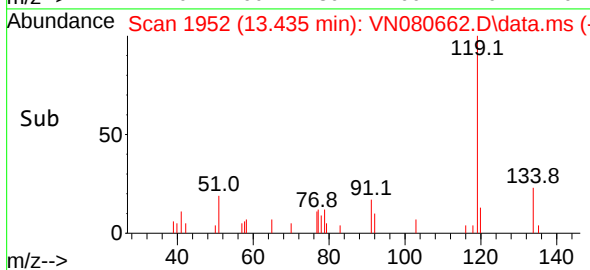
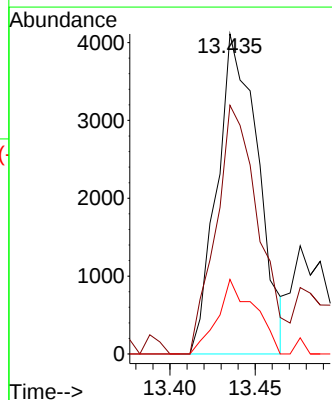
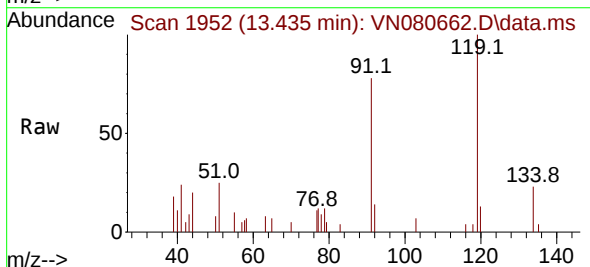
Manual Integrations
APPROVED

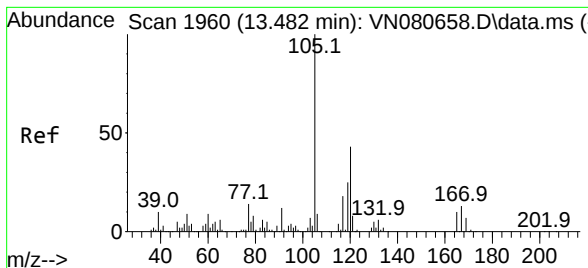
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#83
tert-Butylbenzene
Concen: 1.028 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Tgt Ion:119 Resp: 6904
Ion Ratio Lower Upper
119 100
91 81.0 33.9 101.7
134 21.1 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 0.963 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080662.D

Acq: 10 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 7948

Ion Ratio Lower Upper

105 100

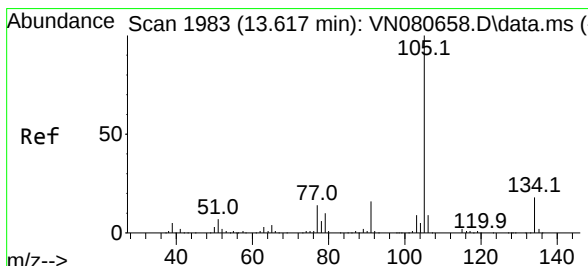
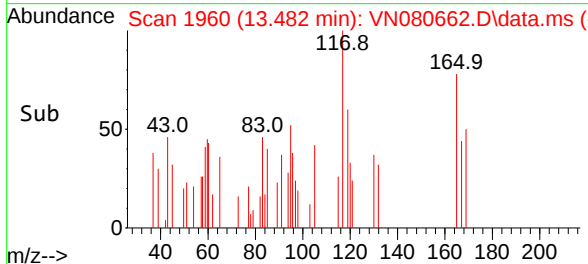
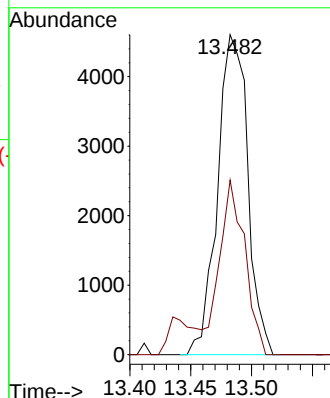
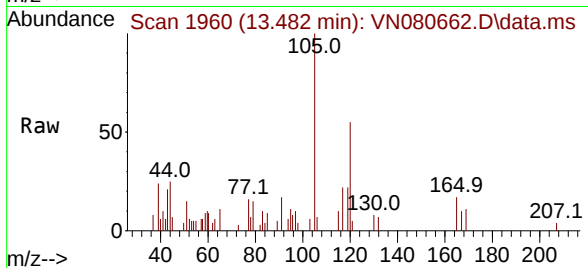
120 45.9 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#85

sec-Butylbenzene

Concen: 1.048 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080662.D

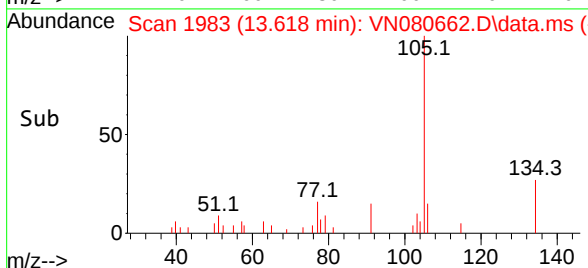
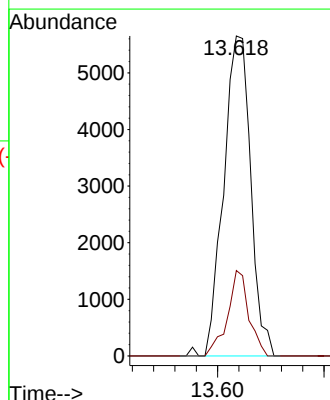
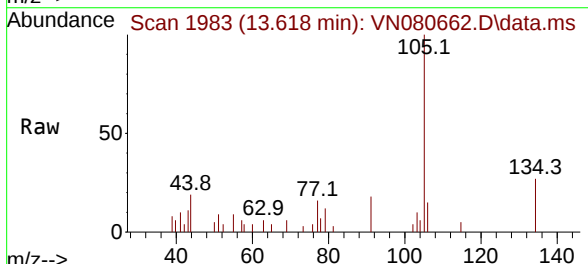
Acq: 10 Jan 2024 15:08

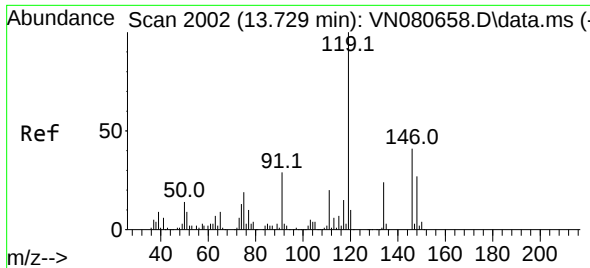
Tgt Ion:105 Resp: 9992

Ion Ratio Lower Upper

105 100

134 21.0 9.8 29.3





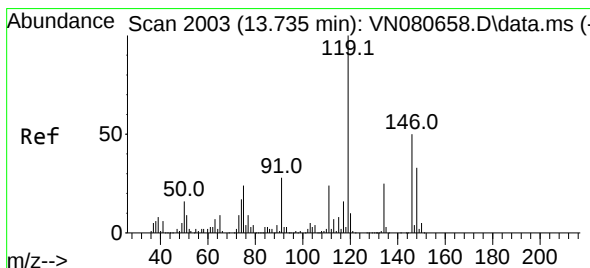
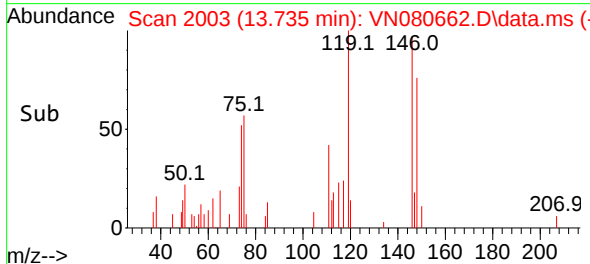
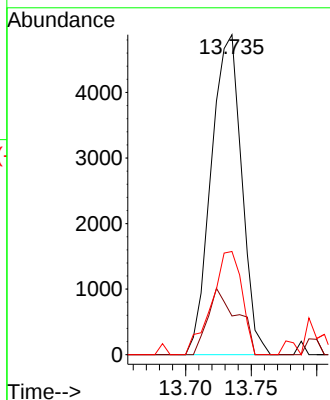
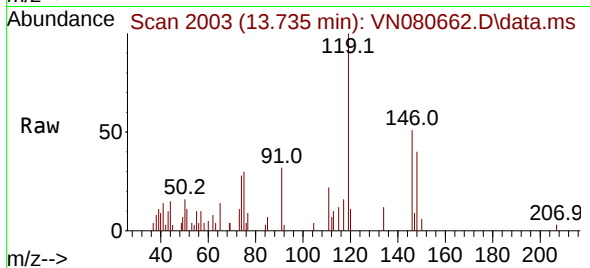
#86
p-Isopropyltoluene
Concen: 1.047 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 7889
Ion Ratio Lower Upper
119 100
134 20.0 12.6 37.8
91 31.9 12.4 37.2

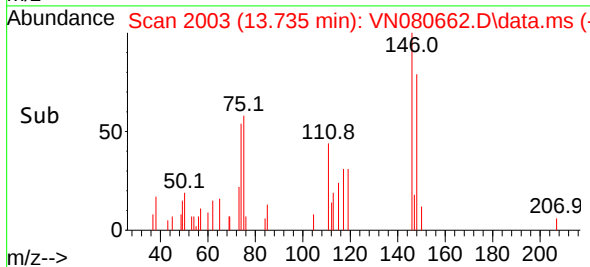
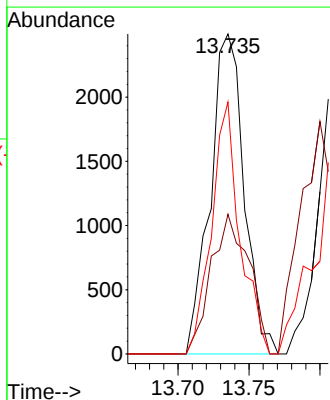
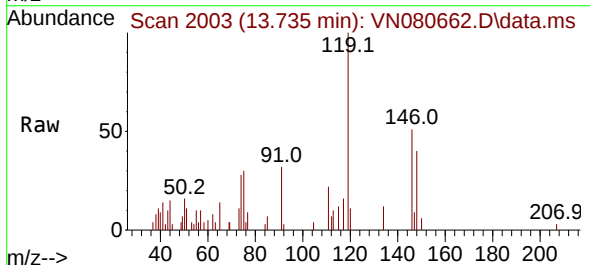
Manual Integrations
APPROVED

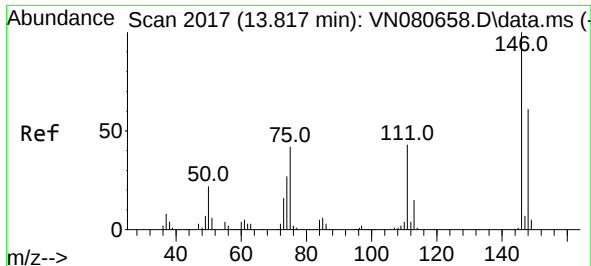
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#87
1,3-Dichlorobenzene
Concen: 1.079 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

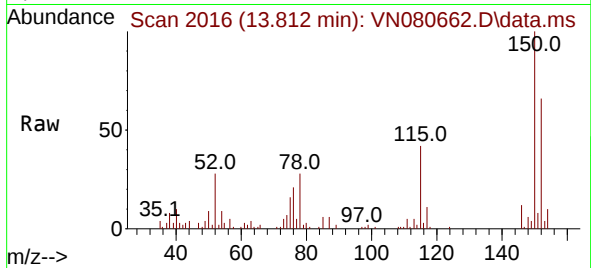
Tgt Ion:146 Resp: 4123
Ion Ratio Lower Upper
146 100
111 48.8 22.1 66.3
148 65.8 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 1.180 ug/l m
RT: 13.812 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

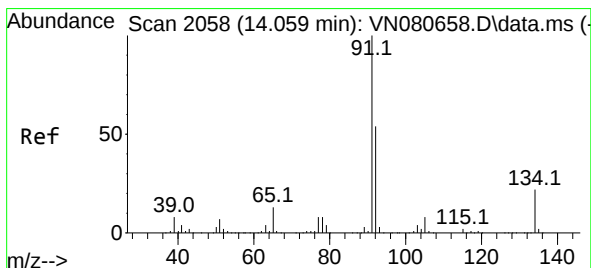
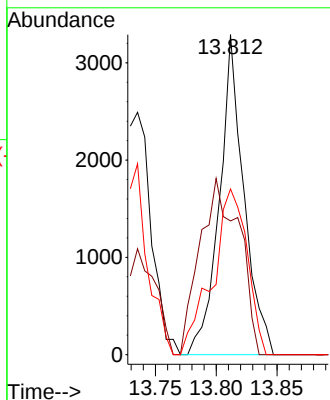
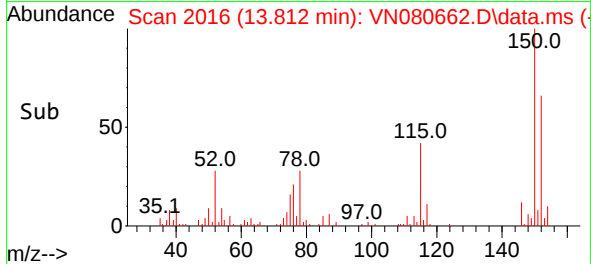
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:146 Resp: 4590
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.8
148 59.1 31.6 94.8

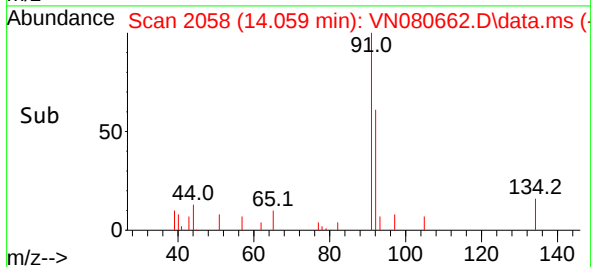
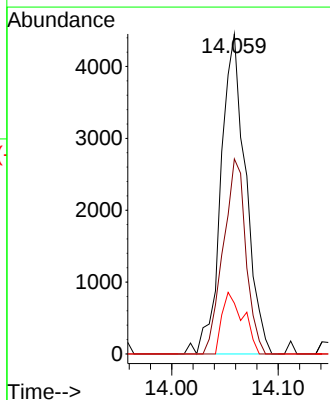
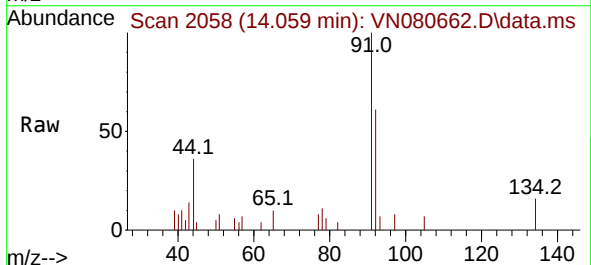
Manual Integrations
APPROVED

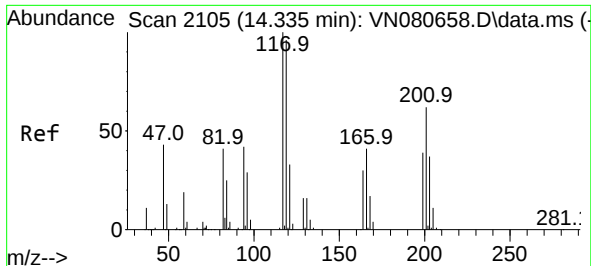
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#89
n-Butylbenzene
Concen: 0.989 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

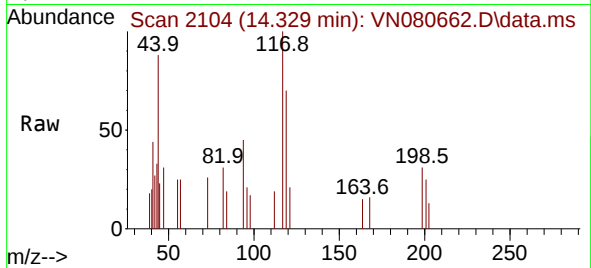
Tgt Ion: 91 Resp: 7182
Ion Ratio Lower Upper
91 100
92 55.8 26.4 79.0
134 16.5 12.6 37.6





#90
Hexachloroethane
Concen: 1.024 ug/l
RT: 14.329 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

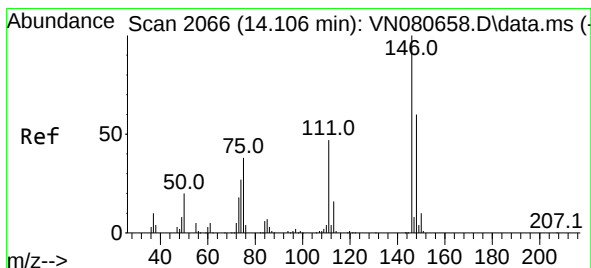
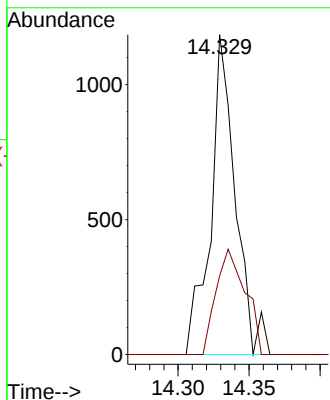
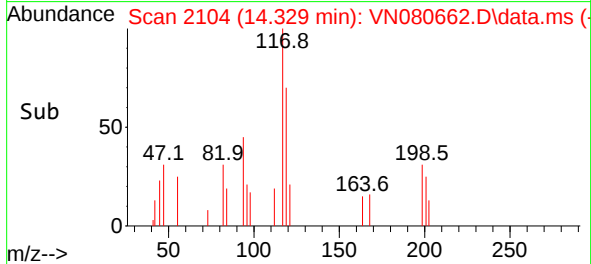
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



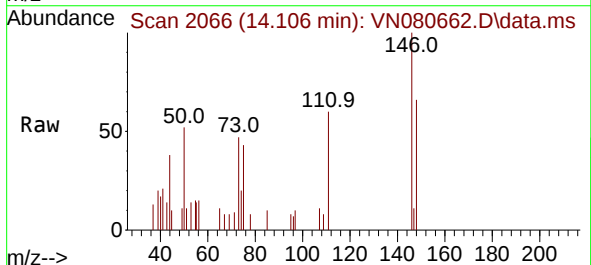
Tgt Ion:117 Resp: 143
Ion Ratio Lower Upper
117 100
201 39.1 29.3 88.0

Manual Integrations
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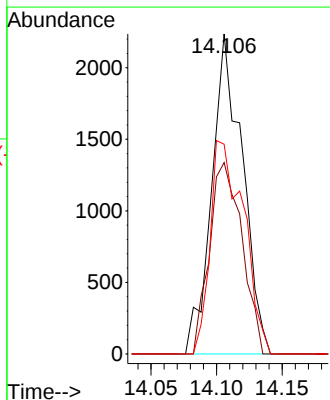
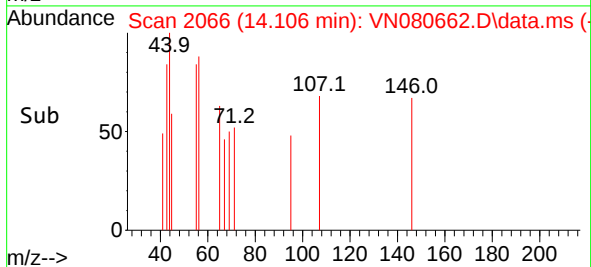
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

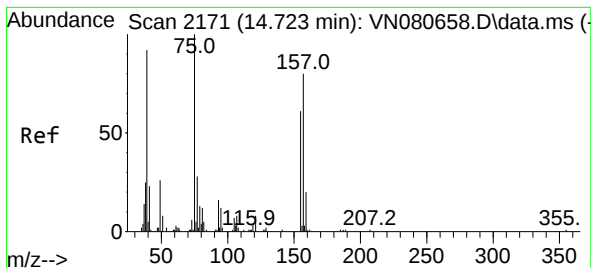


#91
1,2-Dichlorobenzene
Concen: 1.009 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08



Tgt Ion:146 Resp: 3633
Ion Ratio Lower Upper
146 100
111 63.4 22.0 66.0
148 72.4 31.8 95.3





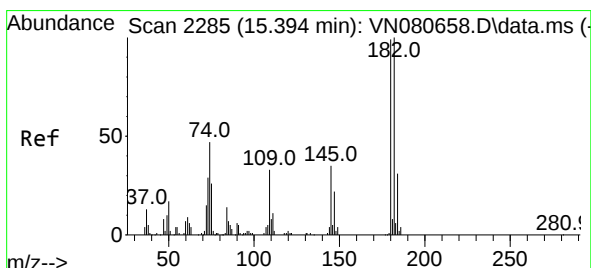
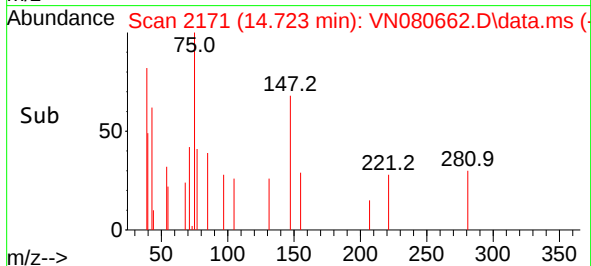
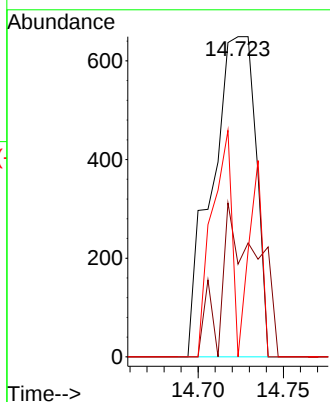
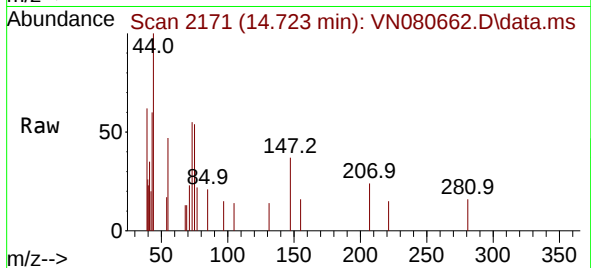
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.174 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 1164
Ion Ratio Lower Upper
75 100
155 39.7 39.1 117.2
157 32.3 50.3 150.9

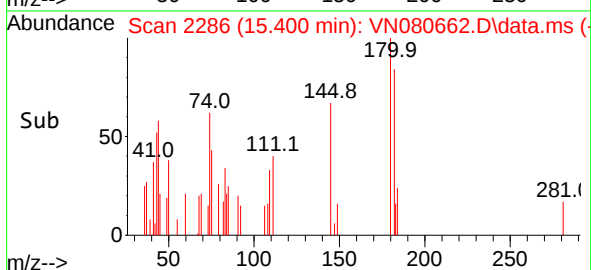
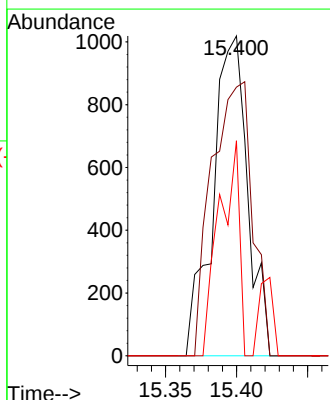
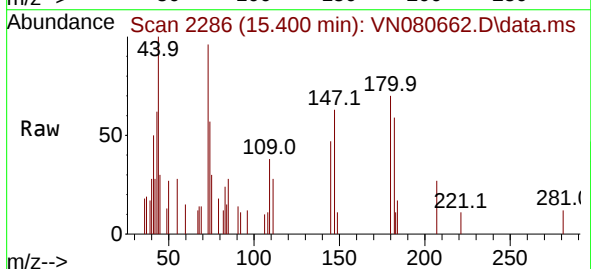
Manual Integrations
APPROVED

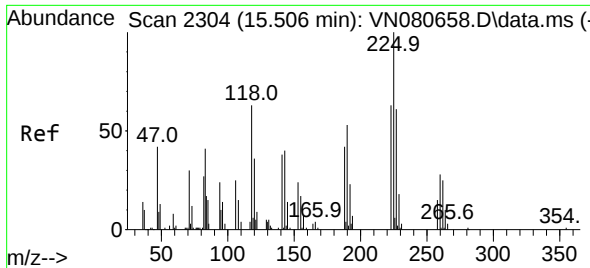
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#93
1,2,4-Trichlorobenzene
Concen: 0.924 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

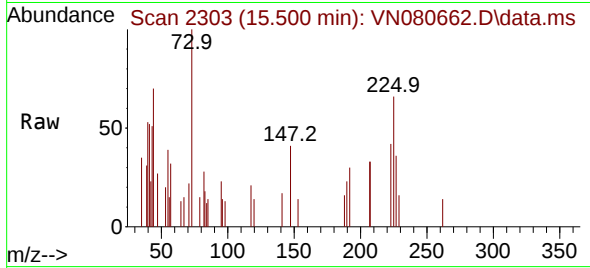
Tgt Ion:180 Resp: 1734
Ion Ratio Lower Upper
180 100
182 100.2 46.1 138.2
145 39.1 16.6 49.8





#94
Hexachlorobutadiene
Concen: 1.347 ug/l
RT: 15.500 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

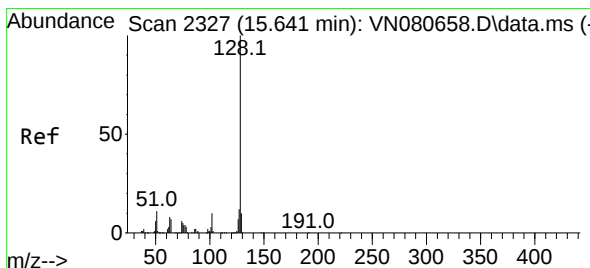
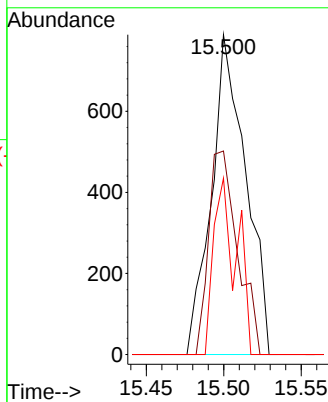
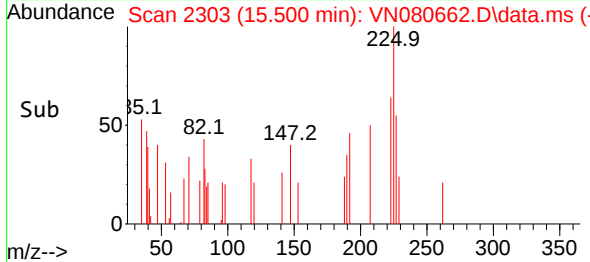
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:225 Resp: 121
Ion Ratio Lower Upper
225 100
223 54.0 31.3 93.8
227 36.9 31.9 95.9

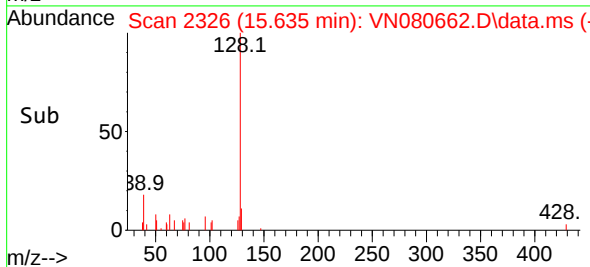
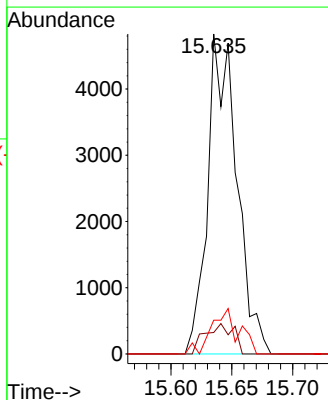
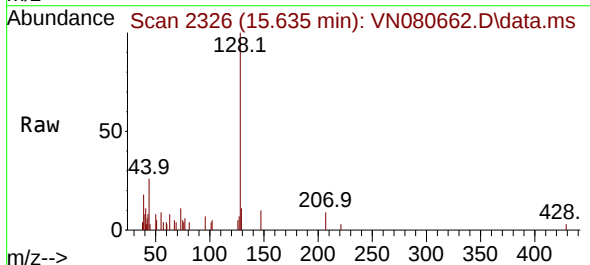
Manual Integrations
APPROVED

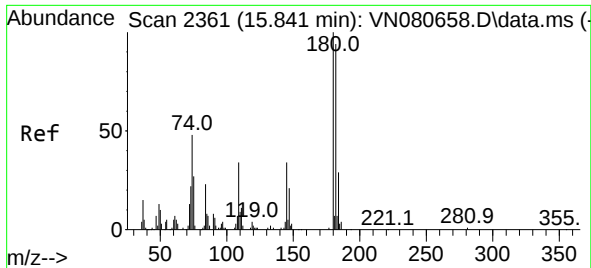
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#95
Naphthalene
Concen: 1.087 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN080662.D
Acq: 10 Jan 2024 15:08

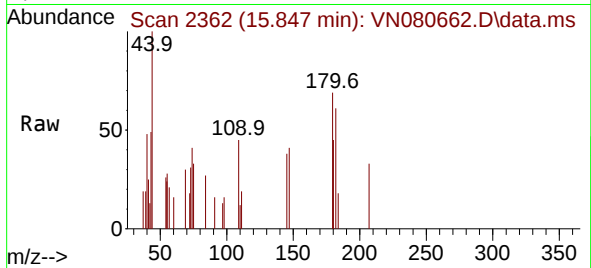
Tgt Ion:128 Resp: 8025
Ion Ratio Lower Upper
128 100
127 9.3 10.0 15.0#
129 13.2 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.008 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080662.D
 Acq: 10 Jan 2024 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.5	46.2	138.6
145	38.5	17.5	52.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

