

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081695.D
 Acq On : 11 Apr 2024 13:38
 Operator : JC\MD
 Sample : VN0411WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2024
 Supervised By : Mahesh Dadoda 04/12/2024

Quant Time: Apr 12 06:00:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	22577	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.106	114	160558	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	210132	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	90305	32.559	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.533%			
60) 4-Bromofluorobenzene	12.853	95	125031	30.264	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.867%			
63) Toluene-d8	10.571	98	258540	30.673	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.233%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	67723	21.468	ug/l	93
3) Chloromethane	2.359	50	73805	26.966	ug/l	95
4) Vinyl Chloride	2.512	62	73964	26.281	ug/l	96
5) Bromomethane	2.959	94	47309	19.848	ug/l	94
6) Chloroethane	3.118	64	63539	28.845	ug/l	97
7) Trichlorofluoromethane	3.501	101	116045	25.115	ug/l	97
8) Diethyl Ether	3.965	74	34721	20.147	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.377	101	68575	21.632	ug/l	96
10) 1,1-Dichloroethene	4.342	96	59875	20.595	ug/l	97
11) Methyl Iodide	4.589	142	66819	20.295	ug/l	95
12) Methyl Acetate	5.030	43	65650	24.592	ug/l #	77
13) Acrolein	4.183	56	42503	120.887	ug/l	99
14) Acrylonitrile	5.724	53	155923	117.336	ug/l	98
15) Acetone	4.442	58	35179m	120.366	ug/l	
16) Carbon Disulfide	4.712	76	170749	20.654	ug/l #	93
17) Allyl chloride	5.018	41	78203m	22.236	ug/l	
18) Methylene Chloride	5.283	84	71678	21.411	ug/l	92
19) trans-1,2-Dichloroethene	5.794	96	67003	21.016	ug/l	85
20) Diisopropyl ether	6.671	45	189744	22.661	ug/l	97
21) 1,1-Dichloroethane	6.571	63	123025	22.037	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	79771	20.720	ug/l	99
23) tert-Butyl Alcohol	5.524	59	60094	127.390	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	206811	22.745	ug/l	94
25) Chloroform	7.965	83	142367	22.413	ug/l	100
26) Cyclohexane	8.253	56	89569	20.014	ug/l #	85
29) 1,1-Dichloropropene	8.371	75	89973	21.315	ug/l	99
30) 2-Butanone	7.483	43	197823	122.714	ug/l	100
31) 2,2-Dichloropropane	7.494	77	113830	21.650	ug/l #	88
32) 1,1,1-Trichloroethane	8.171	97	125269	21.533	ug/l	99
33) Carbon Tetrachloride	8.365	117	108749	20.623	ug/l #	91
34) Benzene	8.606	78	289347	21.279	ug/l	99
35) Methacrylonitrile	7.783	41	43426	23.783	ug/l	83
36) 1,2-Dichloroethane	8.671	62	103211	23.141	ug/l	98
37) Trichloroethene	9.353	130	75539	20.993	ug/l	97
38) Methylcyclohexane	9.606	83	100716	19.521	ug/l	97
39) 1,2-Dichloropropane	9.624	63	68592	21.622	ug/l	100
40) Dibromomethane	9.706	93	56614	22.404	ug/l	96
41) Bromodichloromethane	9.888	83	112441	21.821	ug/l	96
42) Vinyl Acetate	6.606	43	748124	111.401	ug/l	99

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Quant Time: Apr 12 06:00:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	86157	24.250	ug/l	99
44) Isopropyl Acetate	8.688	43	137259	23.057	ug/l	97
45) 1,4-Dioxane	9.694	88	31862	484.854	ug/l #	84
46) Methyl methacrylate	9.682	41	60665	22.661	ug/l	85
47) n-amyl Acetate	12.494	43	115629	21.646	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	105804	21.552	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	113277	21.426	ug/l	92
50) 1,1,2-Trichloroethane	11.018	97	75550	22.328	ug/l	98
51) Ethyl methacrylate	10.877	69	103408	21.949	ug/l	96
52) 1,3-Dichloropropane	11.165	76	122301	22.052	ug/l	99
53) Dibromochloromethane	11.359	129	89358	22.108	ug/l	98
54) 1,2-Dibromoethane	11.471	107	78106	22.332	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	270956	117.116	ug/l	97
56) Bromoform	12.582	173	57135	22.107	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	446576	123.580	ug/l	94
59) 2-Hexanone	11.194	43	338196	124.617	ug/l	92
61) Tetrachloroethene	11.106	164	82189	21.108	ug/l	93
62) Toluene	10.635	91	322618	21.103	ug/l	98
64) Chlorobenzene	11.894	112	204066	21.051	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	73633	20.911	ug/l	95
66) Ethyl Benzene	11.965	91	336461	20.700	ug/l	99
67) m/p-Xylenes	12.076	106	273309	42.450	ug/l	94
68) o-Xylene	12.400	106	124644	20.393	ug/l	97
69) Styrene	12.412	104	217436	20.889	ug/l	96
70) Isopropylbenzene	12.700	105	326624	20.714	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	98264	23.856	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	83216m	21.822	ug/l	
73) Bromobenzene	12.982	156	80550	20.616	ug/l	99
74) n-propylbenzene	13.041	91	391611	20.748	ug/l	99
75) 2-Chlorotoluene	13.129	91	234462	20.851	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	281377	21.024	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	37056	23.464	ug/l	80
78) 4-Chlorotoluene	13.223	91	242947	21.783	ug/l	96
79) tert-butylbenzene	13.441	119	231596	20.340	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	291691	21.854	ug/l	99
81) sec-Butylbenzene	13.618	105	334672	20.381	ug/l	98
82) p-Isopropyltoluene	13.735	119	280982	20.403	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	166078	22.744	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	156069	22.080	ug/l	97
85) n-Butylbenzene	14.059	91	234132	20.184	ug/l	98
86) Hexachloroethane	14.335	117	59238	22.516	ug/l	83
87) 1,2-Dichlorobenzene	14.112	146	158218	22.763	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	23067	25.689	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	82778	21.728	ug/l	99
90) Hexachlorobutadiene	15.500	225	33414	21.887	ug/l	99
91) Naphthalene	15.647	128	261541	21.354	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	82778	21.728	ug/l	99

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

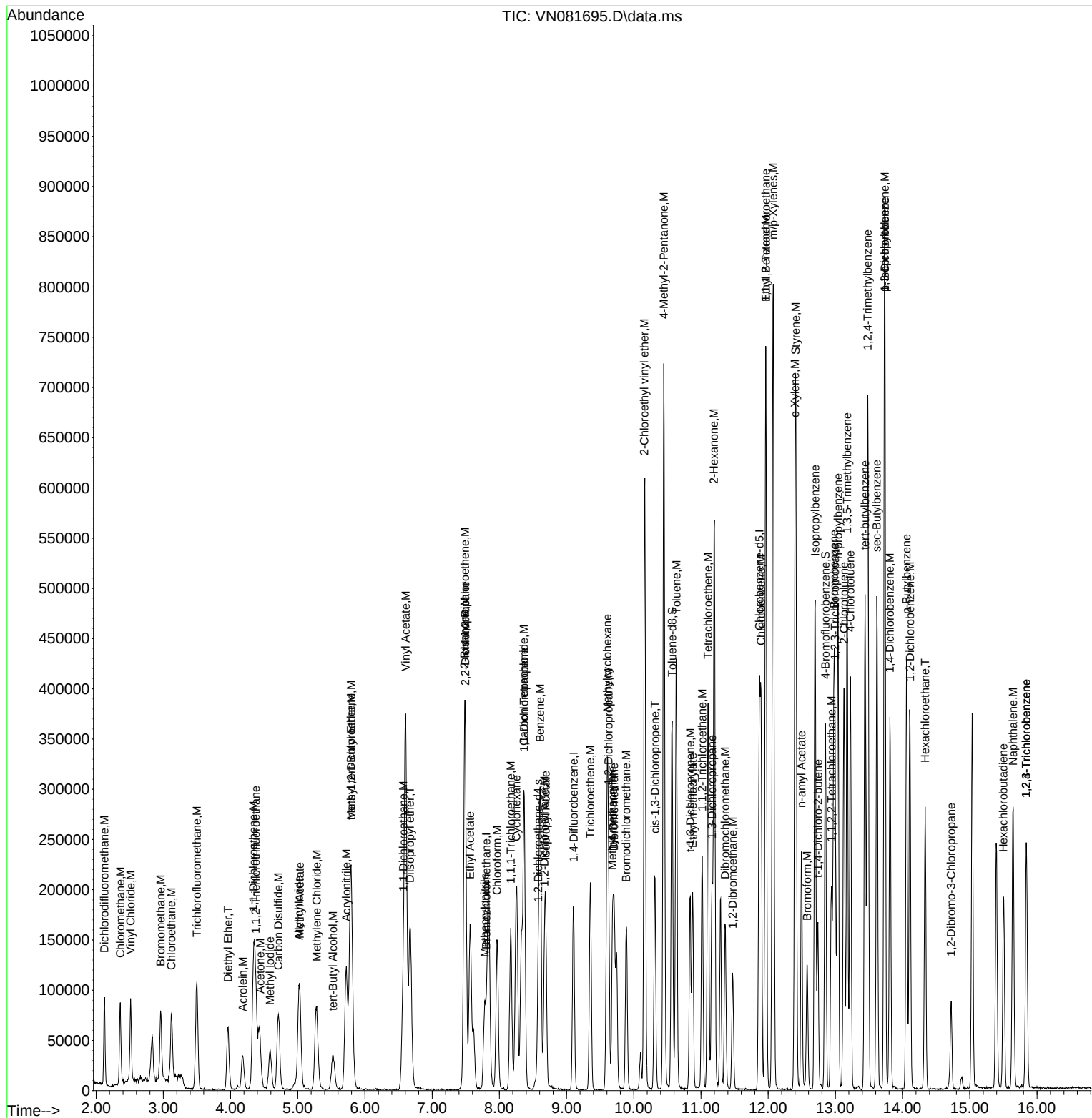
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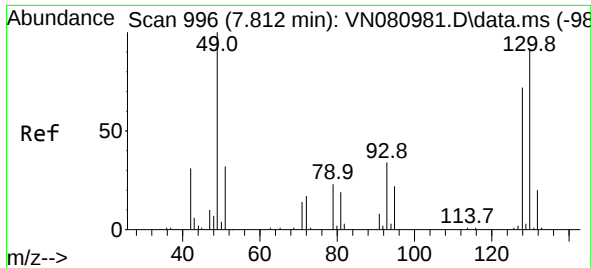
Instrument :
 MSVOA_N
 ClientSampleId :
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Manual Integrations APPROVED

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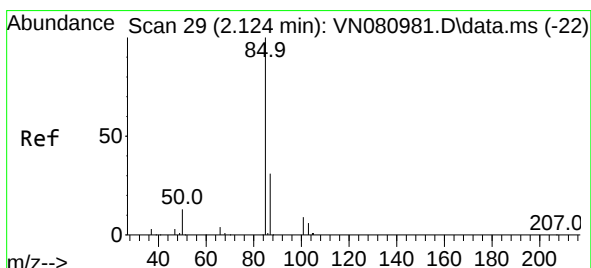
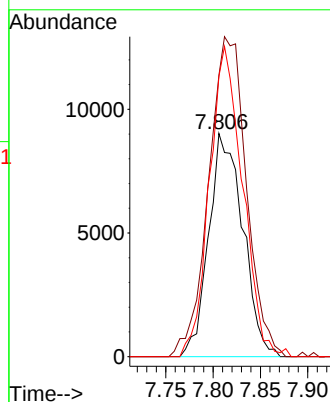
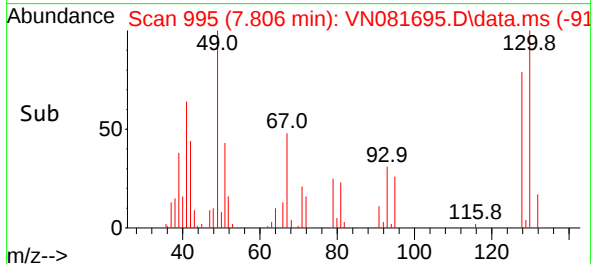
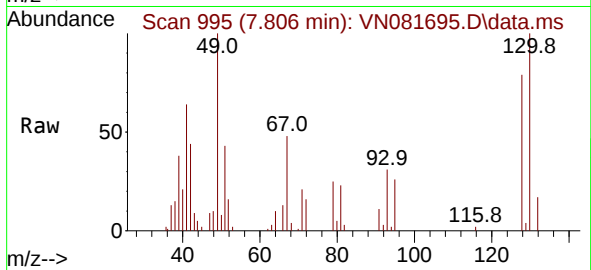
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:128 Resp: 2257
Ion Ratio Lower Upper
128 100
49 158.9 0.0 403.7
130 135.3 0.0 323.3

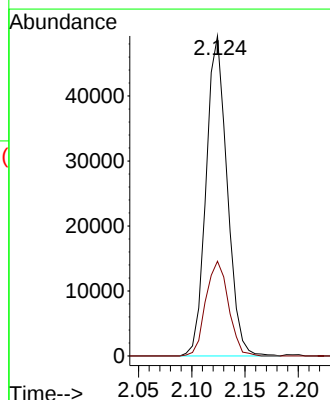
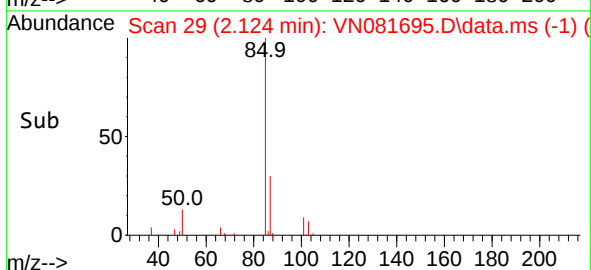
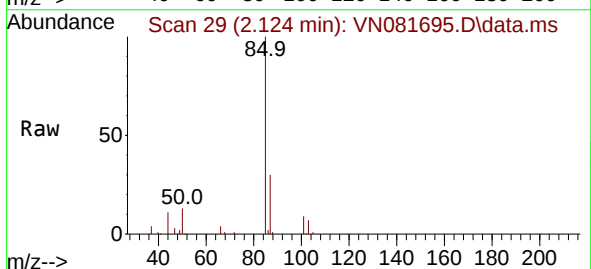
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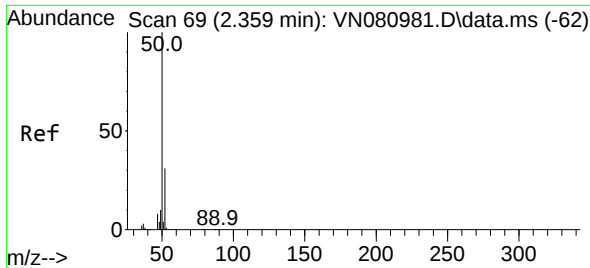
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#2
Dichlorodifluoromethane
Concen: 21.468 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 85 Resp: 67723
Ion Ratio Lower Upper
85 100
87 29.6 16.8 50.3





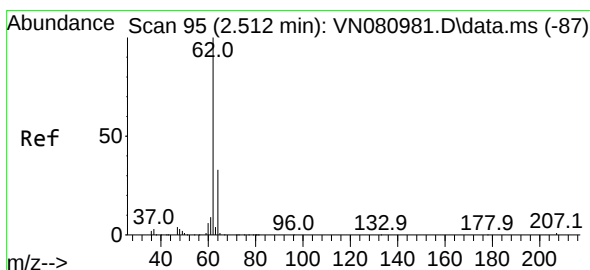
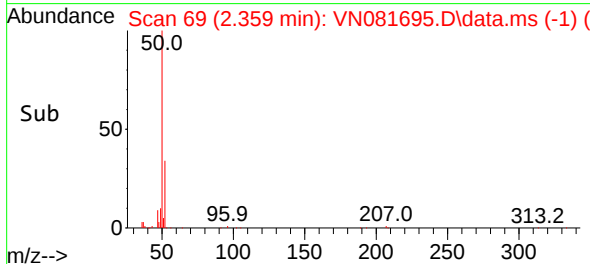
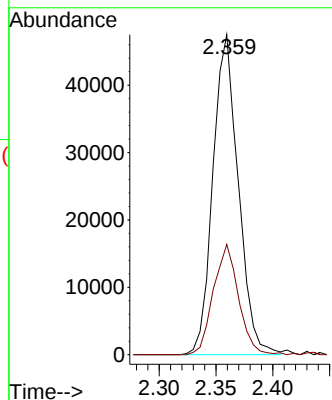
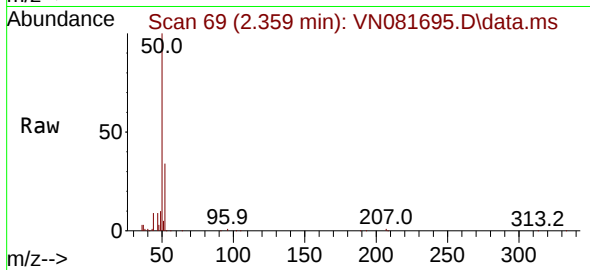
#3
Chloromethane
Concen: 26.966 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 50 Resp: 7380
Ion Ratio Lower Upper
50 100
52 34.5 25.4 38.0

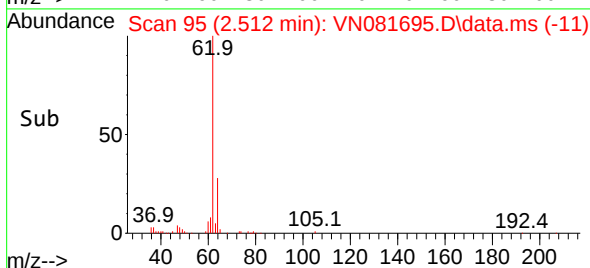
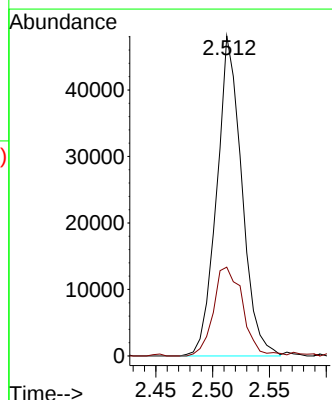
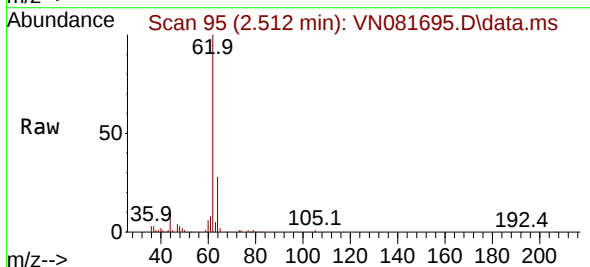
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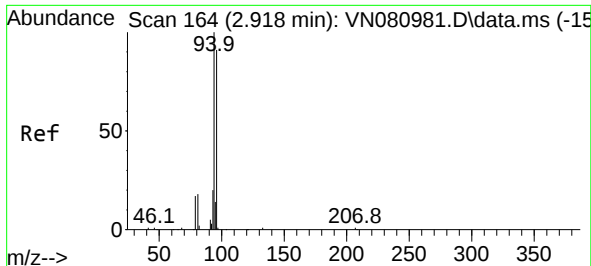
Reviewed By :John Carlone 04/12/2024
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#4
Vinyl Chloride
Concen: 26.281 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 62 Resp: 73964
Ion Ratio Lower Upper
62 100
64 27.7 24.1 36.1





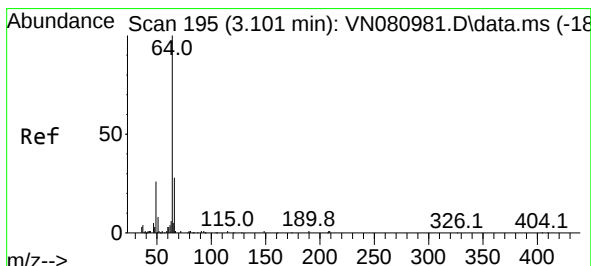
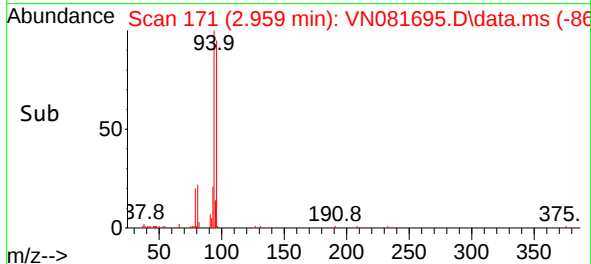
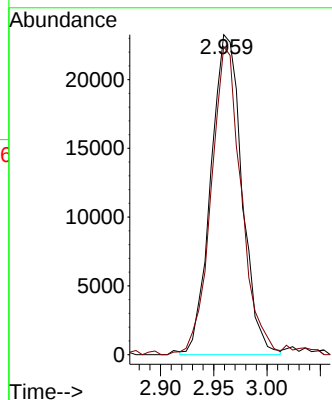
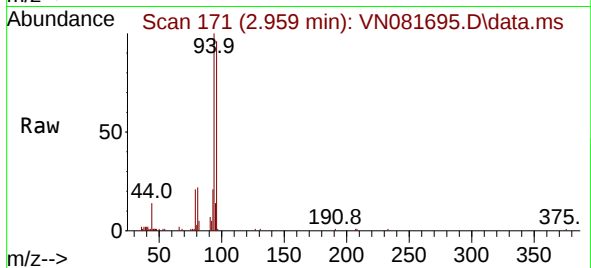
#5
Bromomethane
Concen: 19.848 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 47309
Ion Ratio Lower Upper
94 100
96 96.2 72.8 109.2

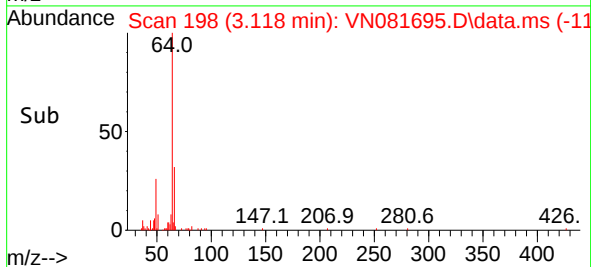
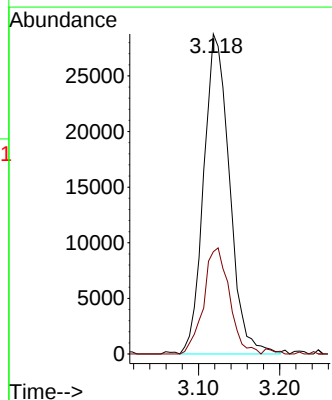
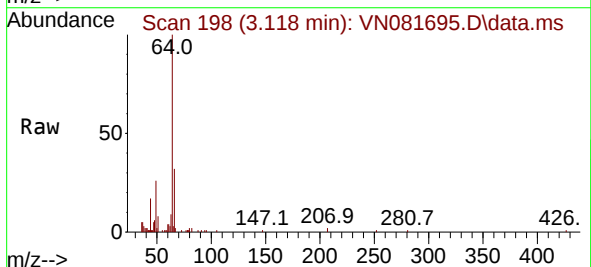
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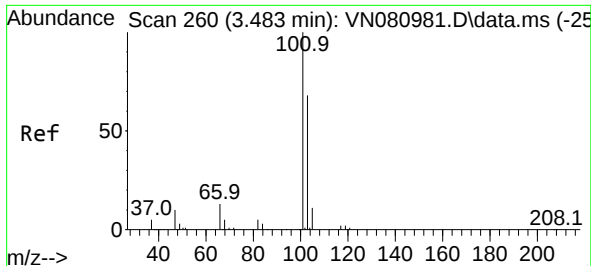
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#6
Chloroethane
Concen: 28.845 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 64 Resp: 63539
Ion Ratio Lower Upper
64 100
66 32.0 26.7 40.1





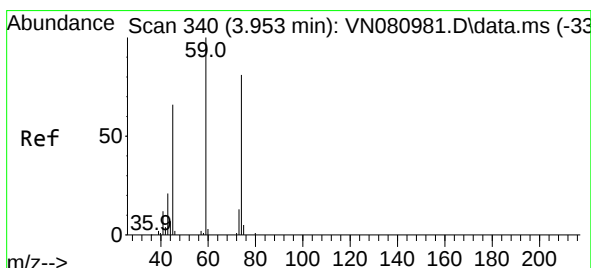
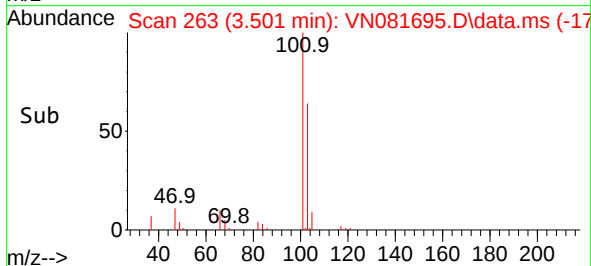
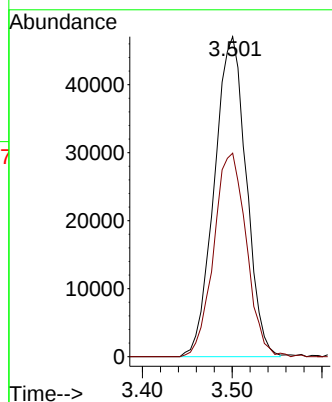
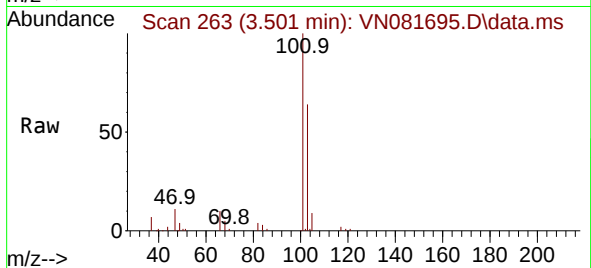
#7
Trichlorofluoromethane
Concen: 25.115 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:101 Resp: 11604
Ion Ratio Lower Upper
101 100
103 63.6 53.0 79.4

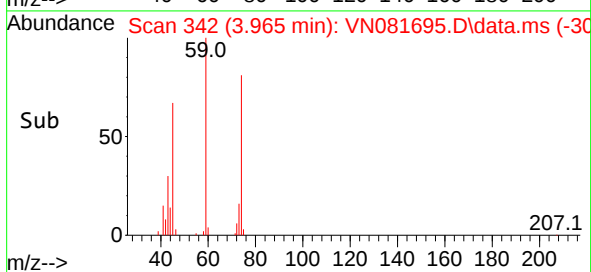
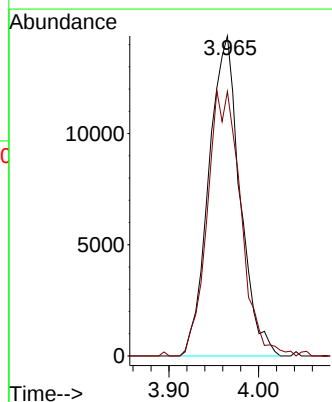
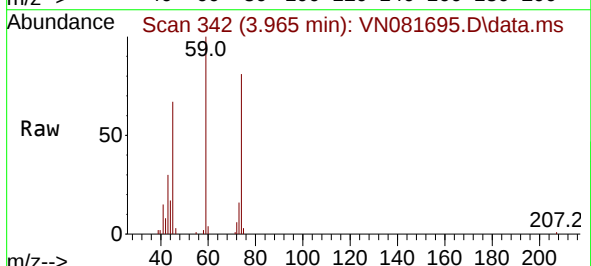
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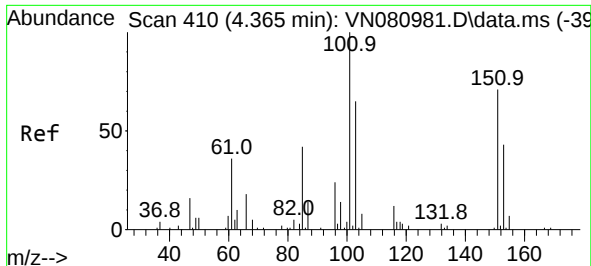
Reviewed By :John Carlone 04/12/2024
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#8
Diethyl Ether
Concen: 20.147 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 74 Resp: 34721
Ion Ratio Lower Upper
74 100
45 44.6 16.4 147.4





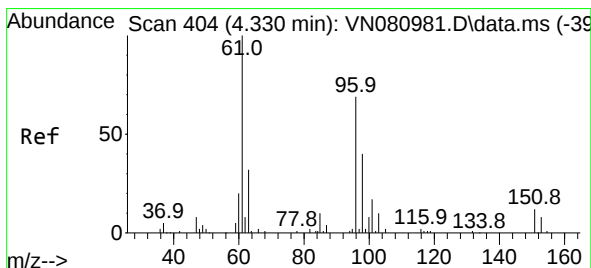
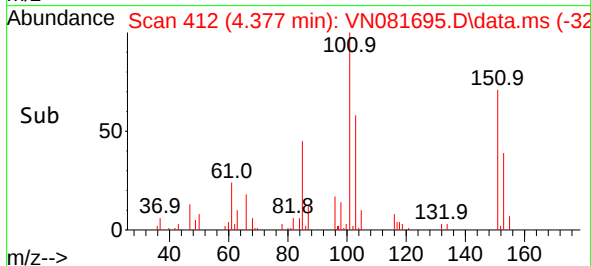
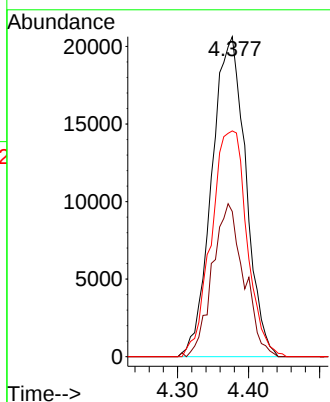
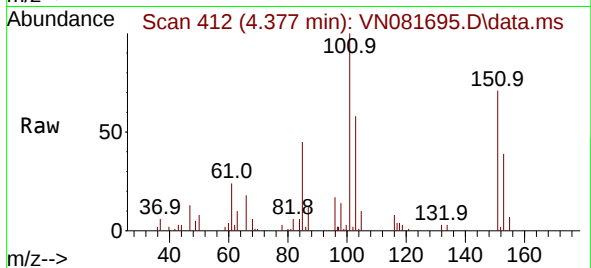
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.632 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:101 Resp: 68575
Ion Ratio Lower Upper
101 100
85 44.3 0.0 90.6
151 74.1 0.0 157.6

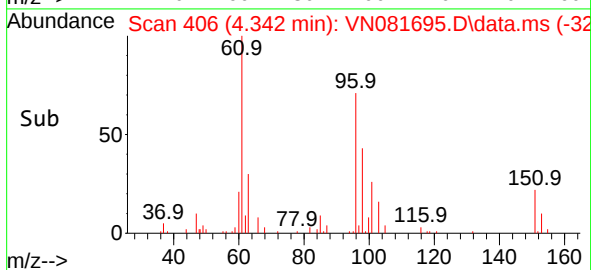
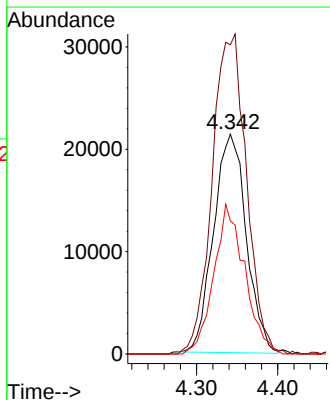
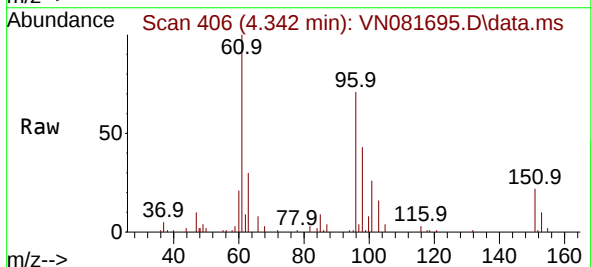
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#10
1,1-Dichloroethene
Concen: 20.595 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

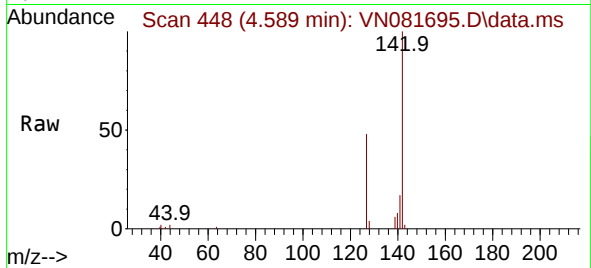
Tgt Ion: 96 Resp: 59875
Ion Ratio Lower Upper
96 100
61 141.9 117.6 176.4
98 61.1 48.4 72.6





#11
Methyl Iodide
Concen: 20.295 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

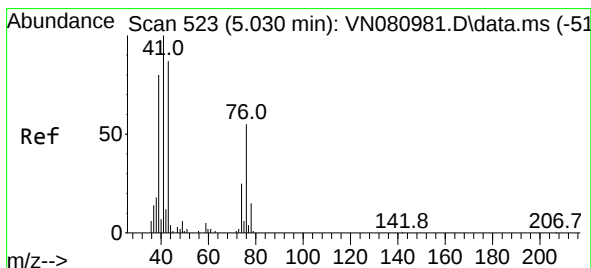
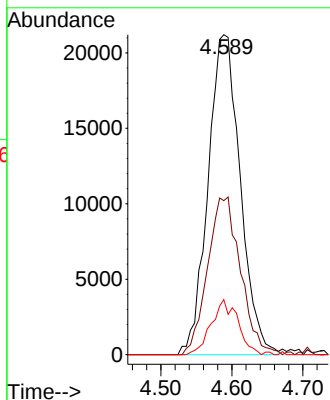
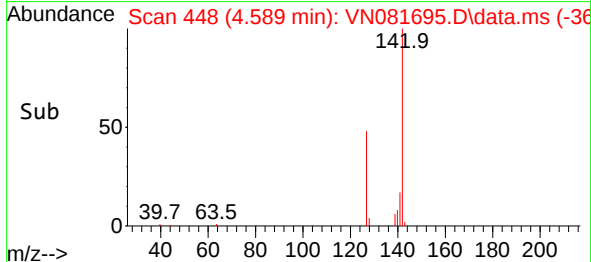
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:142 Resp: 66819
Ion Ratio Lower Upper
142 100
127 47.8 26.3 78.9
141 17.3 8.3 24.9

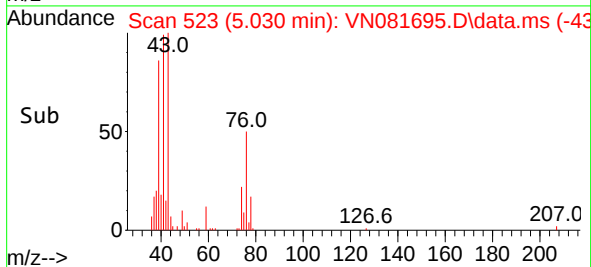
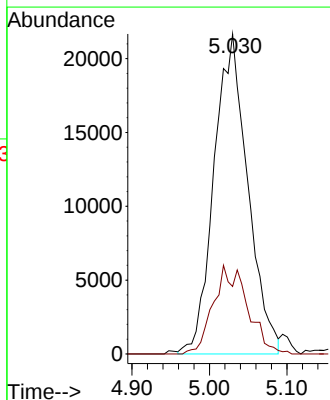
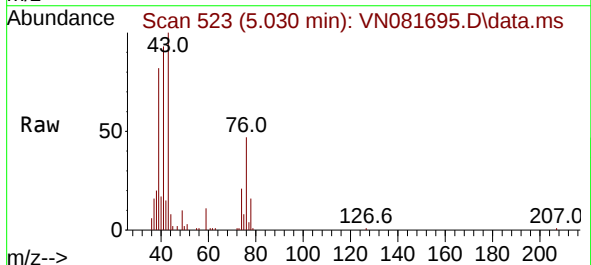
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#12
Methyl Acetate
Concen: 24.592 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 43 Resp: 65650
Ion Ratio Lower Upper
43 100
74 21.1 27.7 41.5#





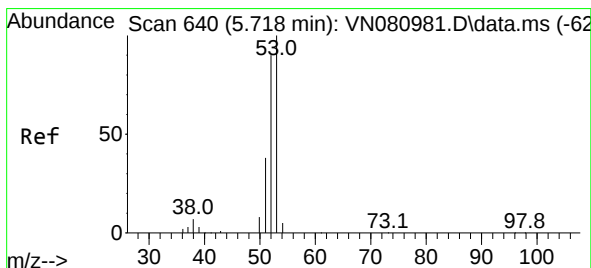
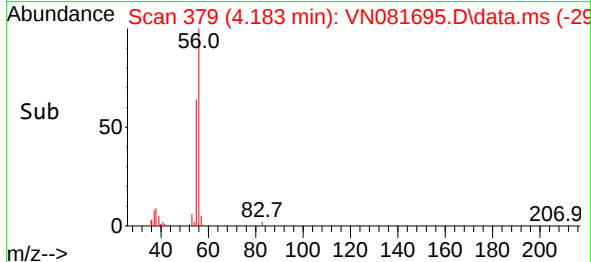
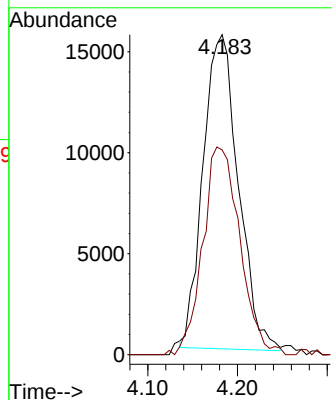
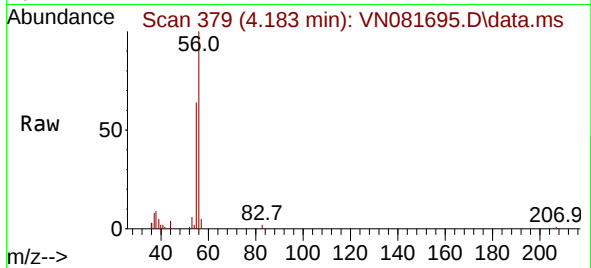
#13
Acrolein
Concen: 120.887 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 56 Resp: 4250
Ion Ratio Lower Upper
56 100
55 68.7 55.5 83.3

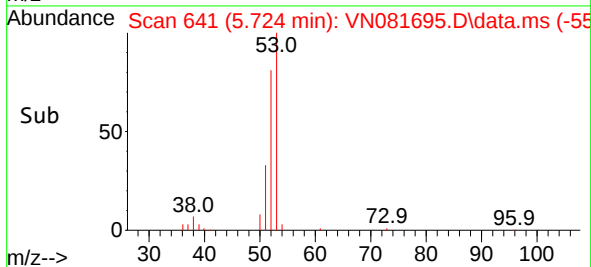
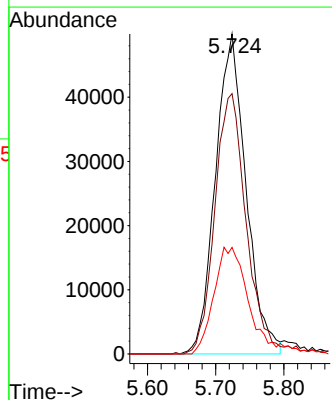
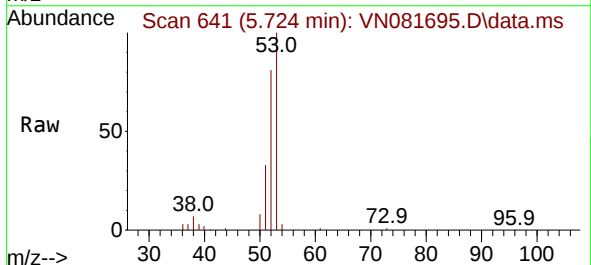
Manual Integrations
APPROVED

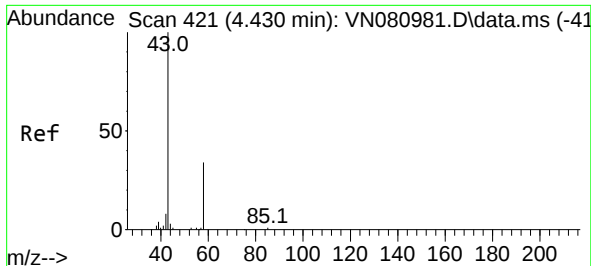
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#14
Acrylonitrile
Concen: 117.336 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 53 Resp: 155923
Ion Ratio Lower Upper
53 100
52 82.8 41.3 123.9
51 36.7 16.8 50.3





#15

Acetone

Concen: 120.366 ug/l m

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN081695.D

Acq: 11 Apr 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 58 Resp: 35179

Ion Ratio Lower Upper

58 100

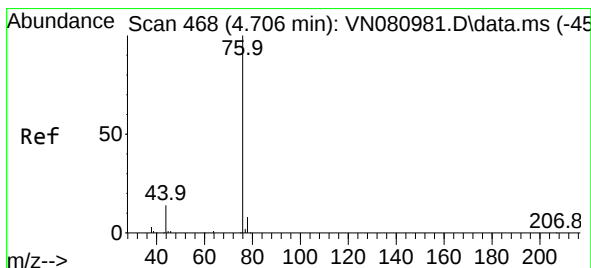
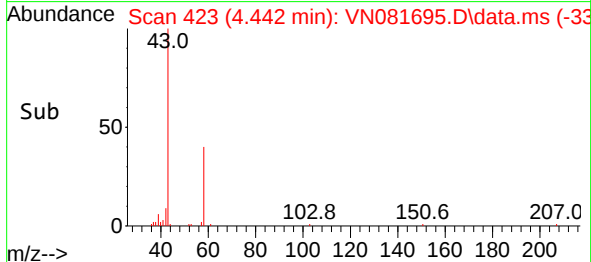
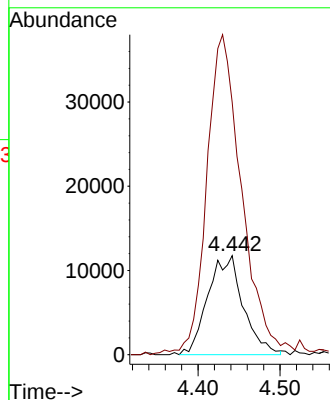
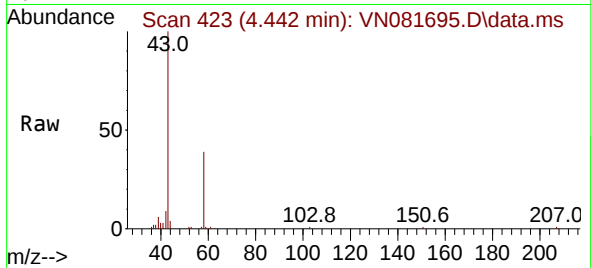
43 254.9 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#16

Carbon Disulfide

Concen: 20.654 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081695.D

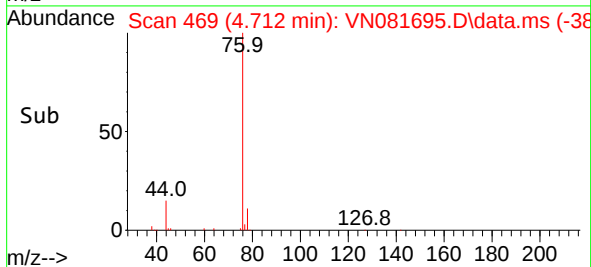
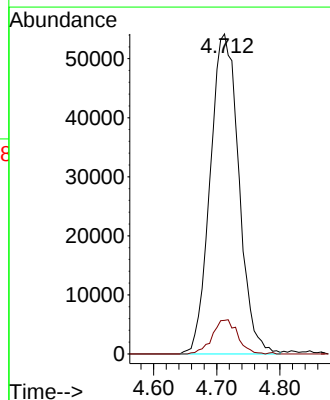
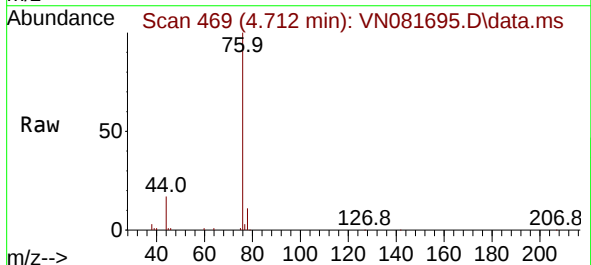
Acq: 11 Apr 2024 13:38

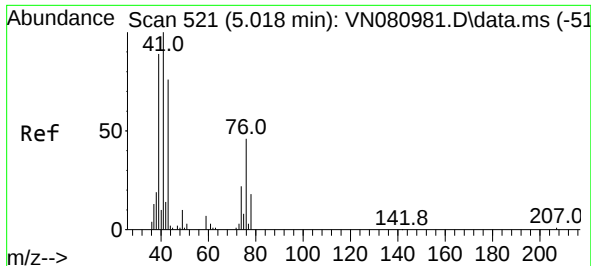
Tgt Ion: 76 Resp: 170749

Ion Ratio Lower Upper

76 100

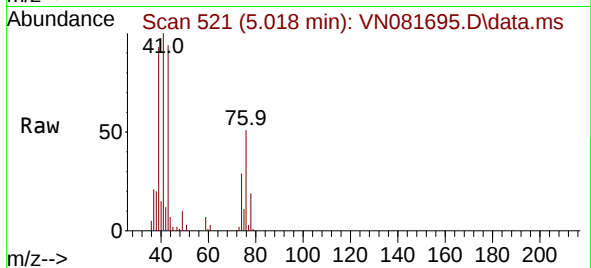
78 10.5 6.3 9.5#





#17
 Allyl chloride
 Concen: 22.236 ug/l m
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN081695.D
 Acq: 11 Apr 2024 13:38

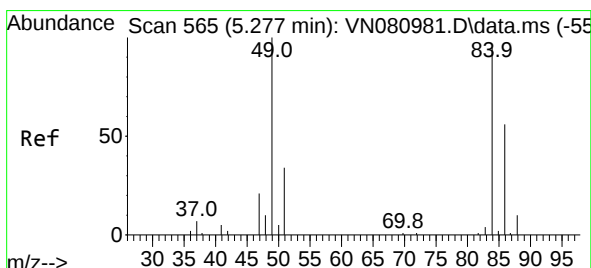
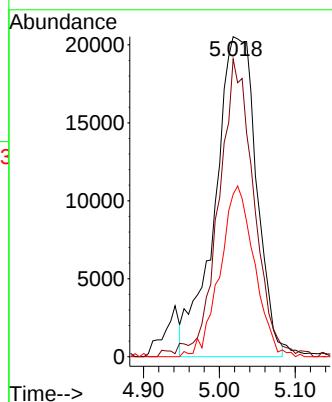
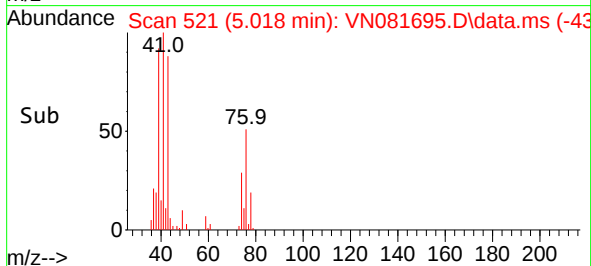
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01



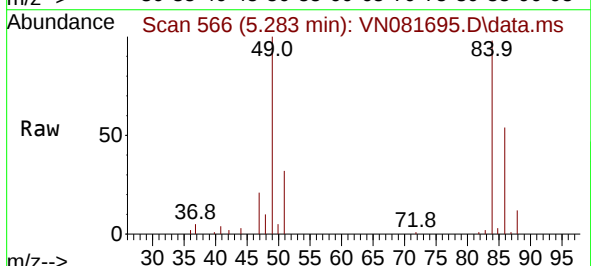
Tgt Ion: 41 Resp: 7820
 Ion Ratio Lower Upper
 41 100
 39 93.0 37.6 112.9
 76 50.7 27.8 83.4

Manual Integrations
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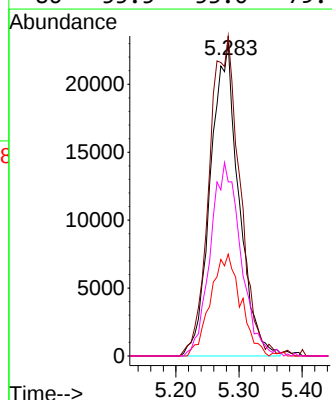
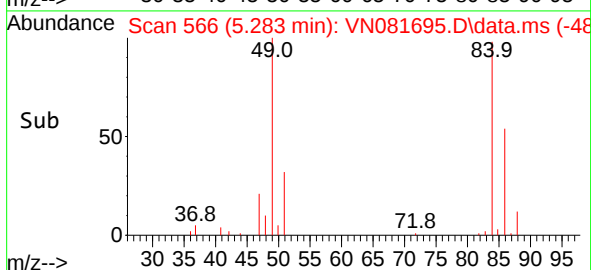
Reviewed By :John Carlone 04/12/2024
 Supervised By :Mahesh Dadoda 04/12/2024

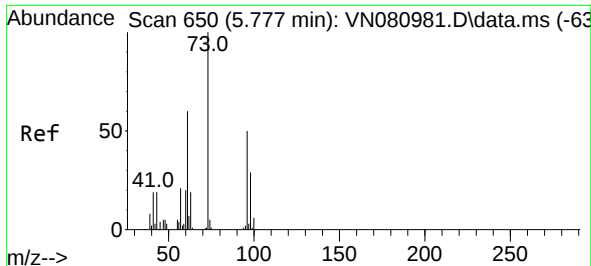


#18
 Methylene Chloride
 Concen: 21.411 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN081695.D
 Acq: 11 Apr 2024 13:38



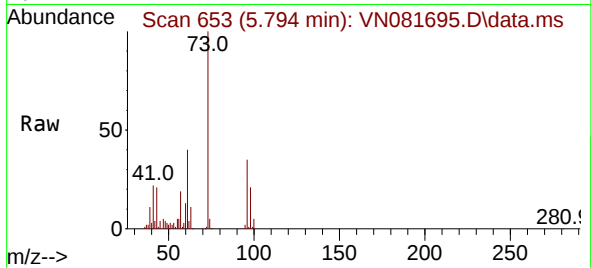
Tgt Ion: 84 Resp: 71678
 Ion Ratio Lower Upper
 84 100
 49 102.1 86.0 129.0
 51 32.4 30.0 45.0
 86 55.5 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 21.016 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

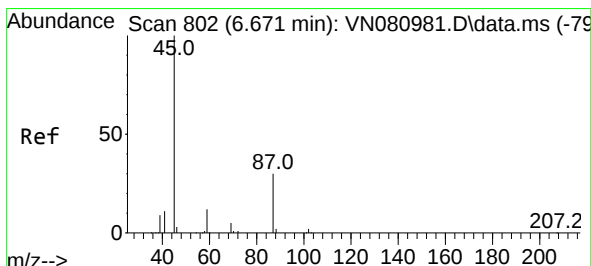
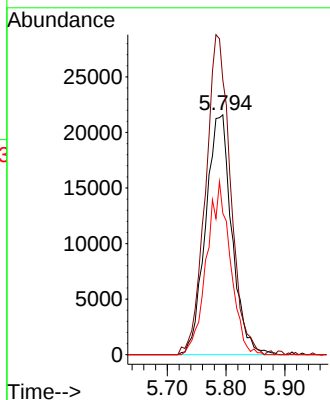
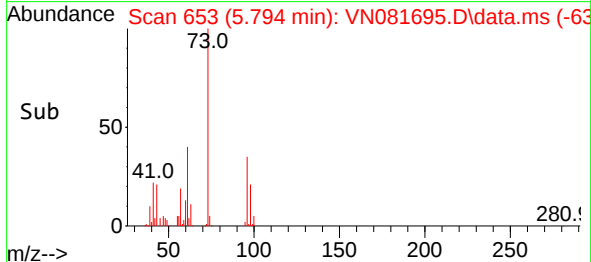
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 96 Resp: 67000
Ion Ratio Lower Upper
96 100
61 114.4 111.8 167.6
98 58.9 49.2 73.8

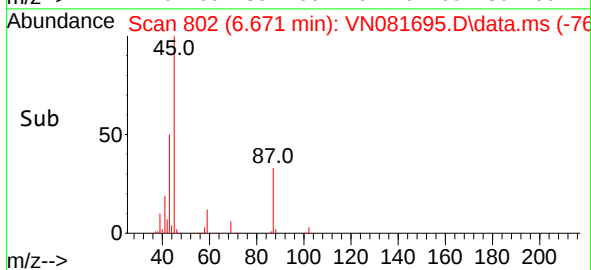
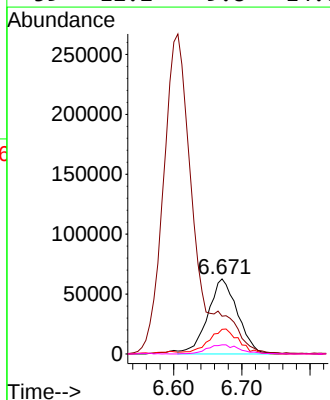
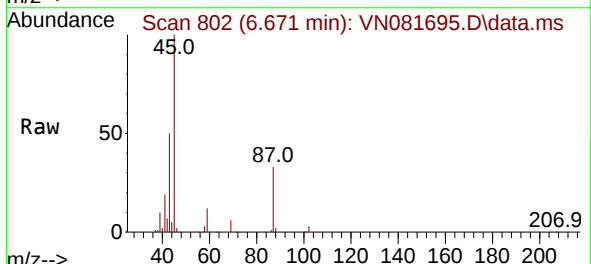
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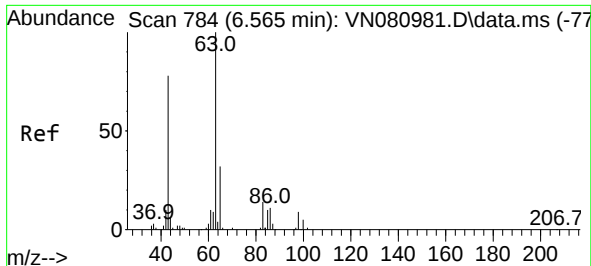
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#20
Diisopropyl ether
Concen: 22.661 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 45 Resp: 189744
Ion Ratio Lower Upper
45 100
43 48.9 40.4 60.6
87 32.9 23.8 35.8
59 12.2 9.8 14.6





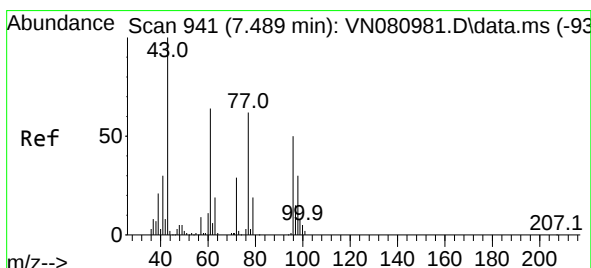
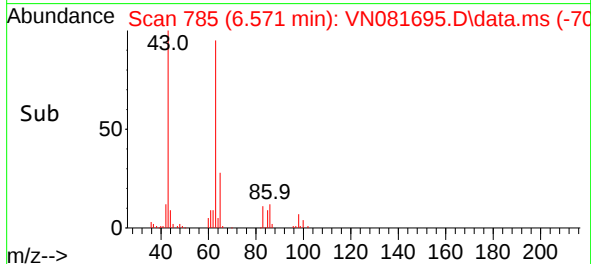
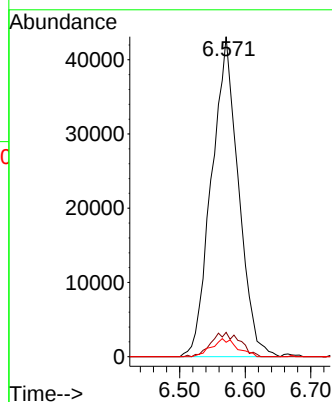
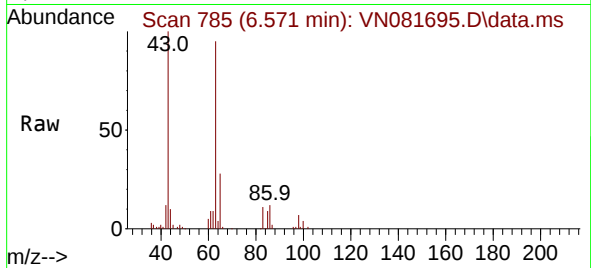
#21
1,1-Dichloroethane
Concen: 22.037 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 63 Resp: 123025
Ion Ratio Lower Upper
63 100
98 7.6 4.1 12.3
100 4.5 3.0 9.0

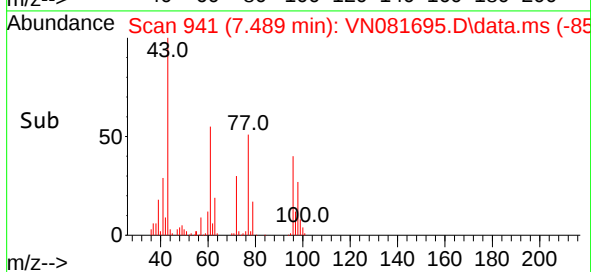
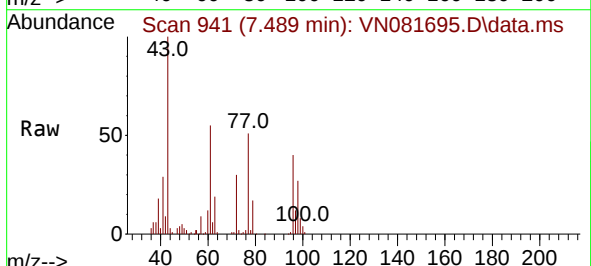
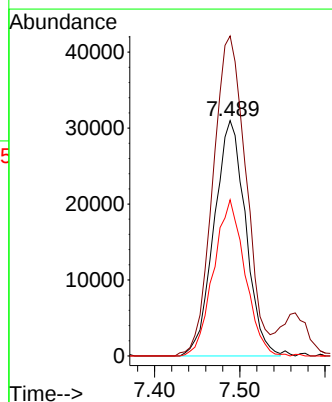
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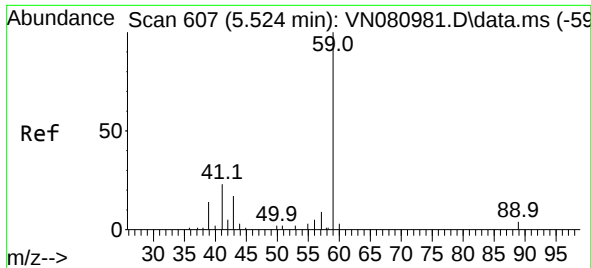
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#22
cis-1,2-Dichloroethene
Concen: 20.720 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

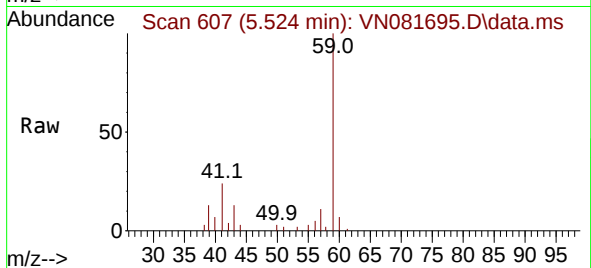
Tgt Ion: 96 Resp: 79771
Ion Ratio Lower Upper
96 100
61 142.3 113.5 170.3
98 65.9 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 127.390 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

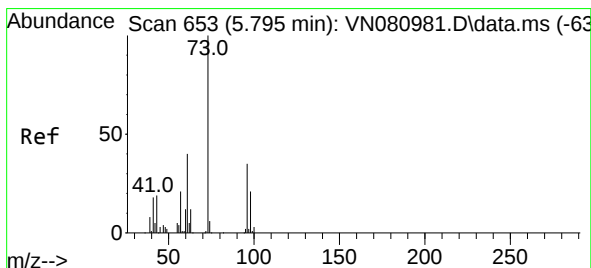
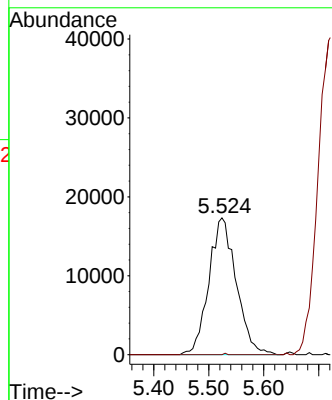
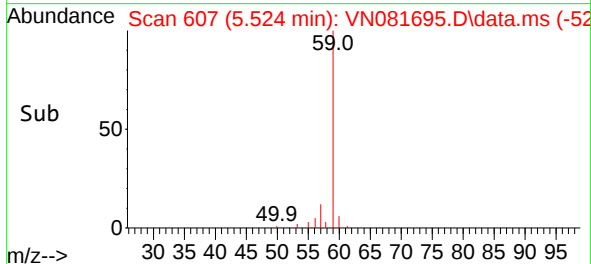
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 59 Resp: 60094
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

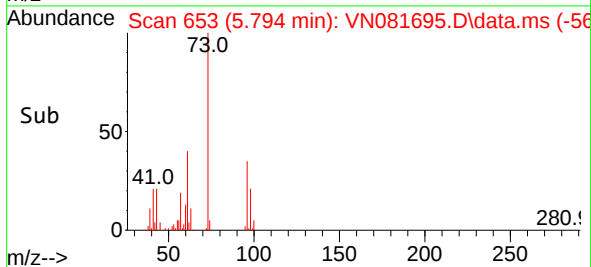
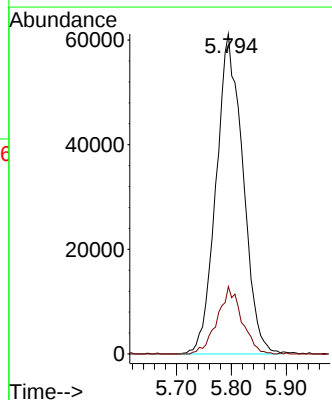
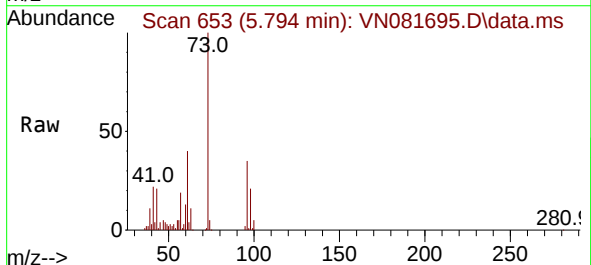
Manual Integrations
APPROVED

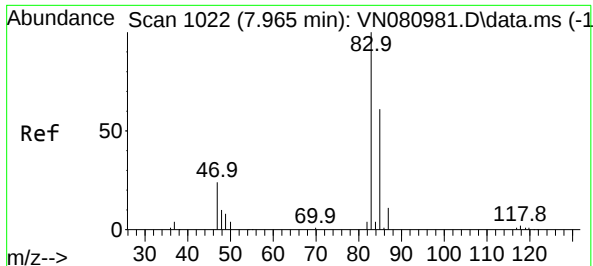
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#24
Methyl tert-Butyl Ether
Concen: 22.745 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 73 Resp: 206811
Ion Ratio Lower Upper
73 100
43 19.2 13.4 20.2





#25

Chloroform

Concen: 22.413 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081695.D

Acq: 11 Apr 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 83 Resp: 14236

Ion Ratio Lower Upper

83 100

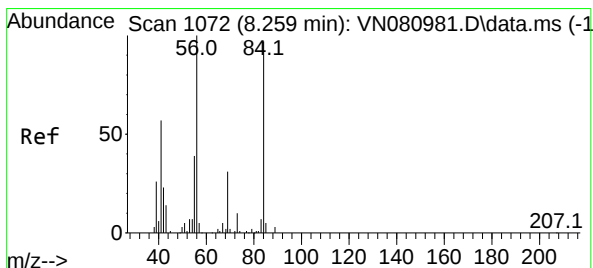
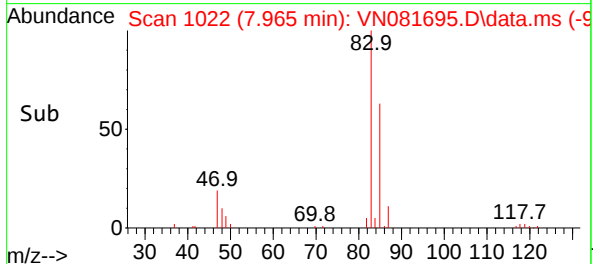
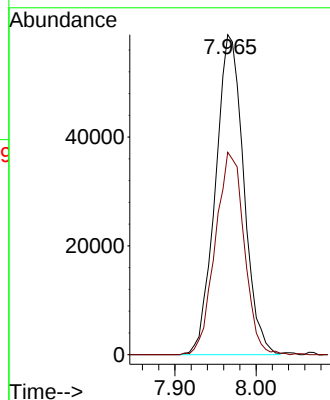
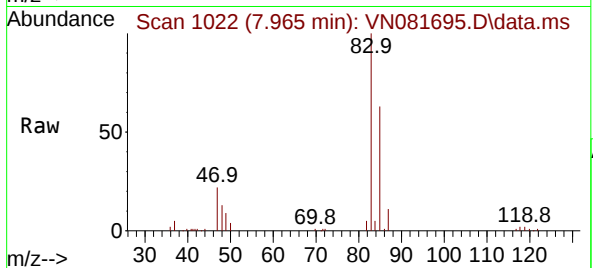
85 63.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#26

Cyclohexane

Concen: 20.014 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN081695.D

Acq: 11 Apr 2024 13:38

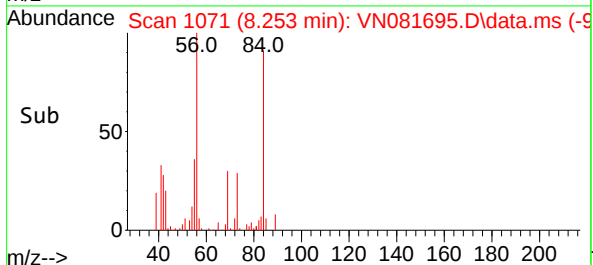
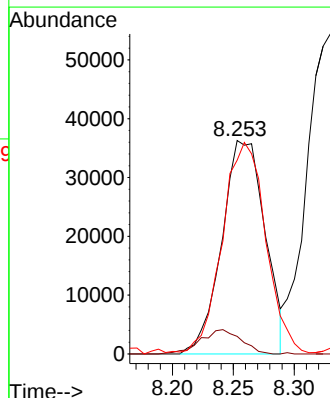
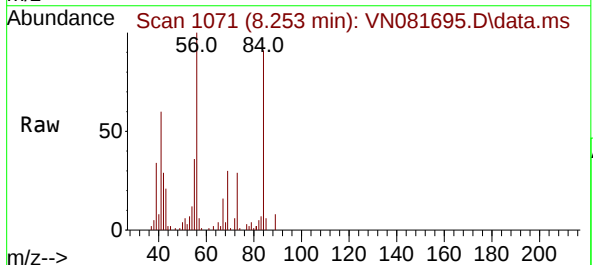
Tgt Ion: 56 Resp: 89569

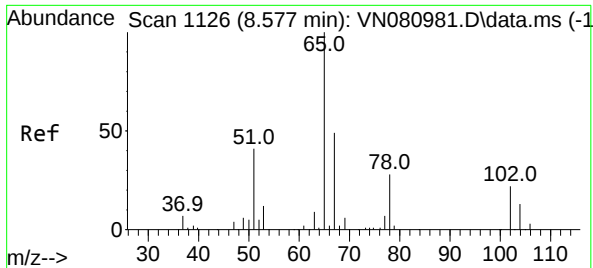
Ion Ratio Lower Upper

56 100

89 10.7 19.3 28.9#

84 99.9 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 32.559 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

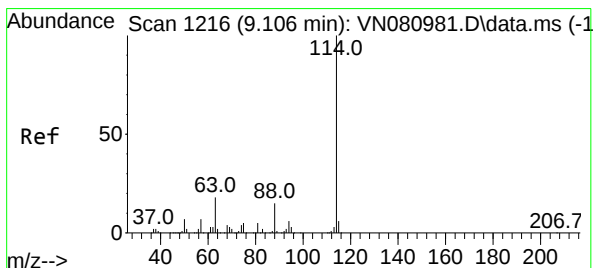
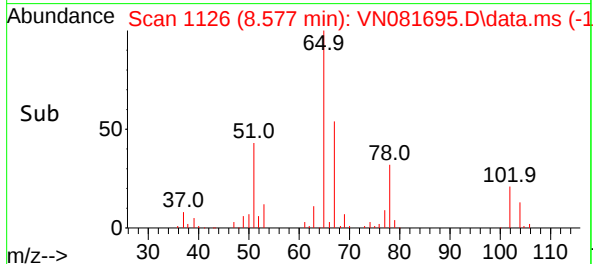
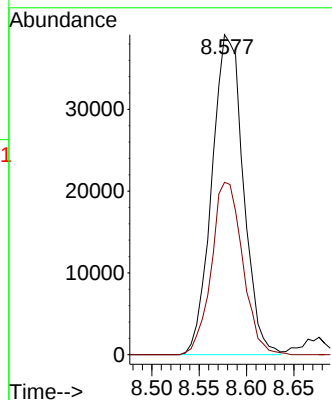
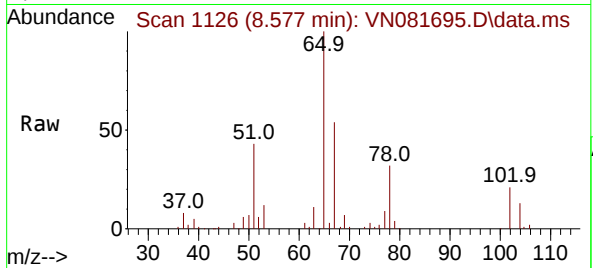
VN0411WBSD01

Tgt Ion: 65 Resp: 9030
Ion Ratio Lower Upper
65 100
67 53.5 43.2 64.8

Manual Integrations

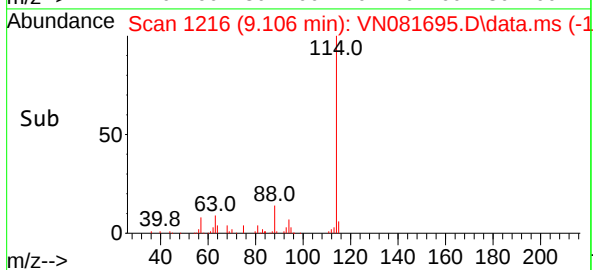
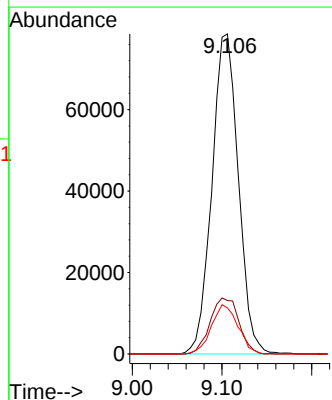
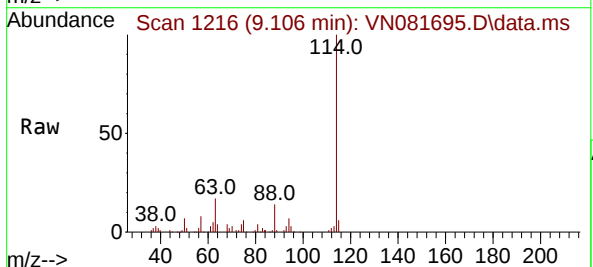
APPROVED

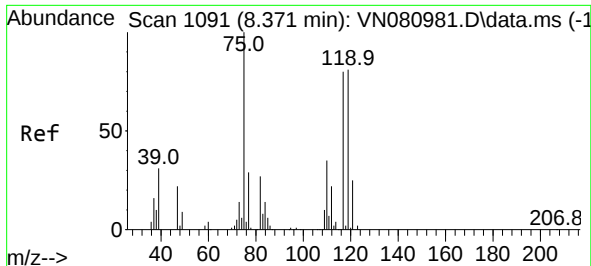
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

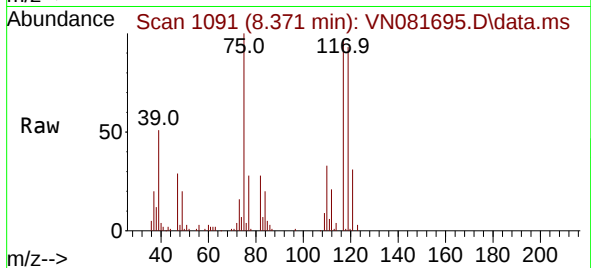
Tgt Ion:114 Resp: 160558
Ion Ratio Lower Upper
114 100
63 19.1 15.9 23.9
88 15.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 21.315 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

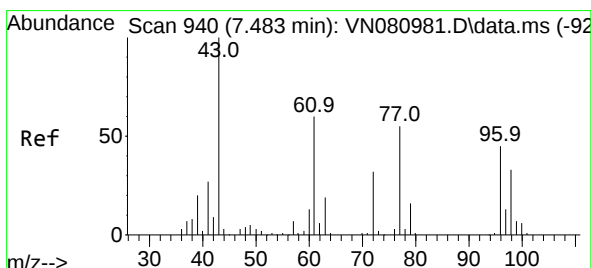
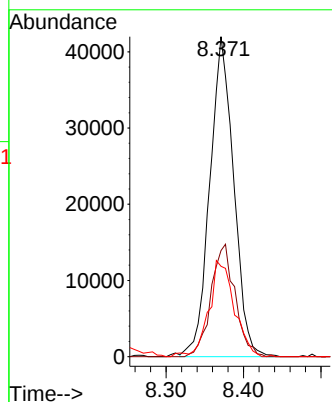
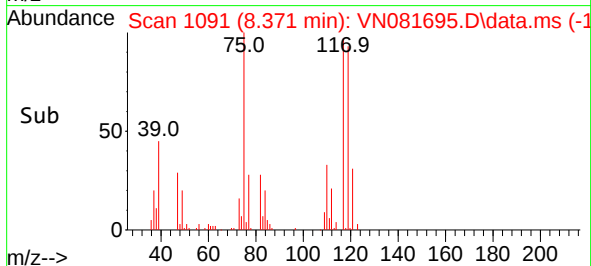
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	0.0	70.2
77	31.3	0.0	61.4

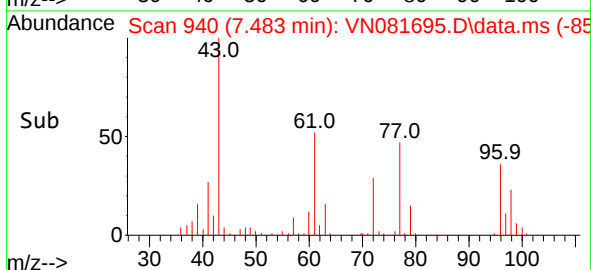
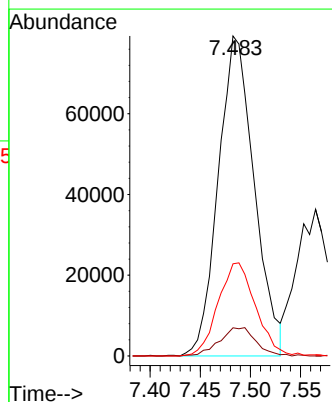
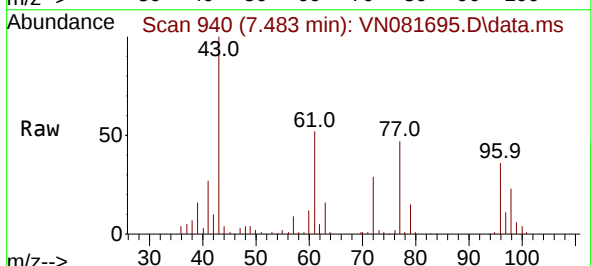
Manual Integrations
APPROVED

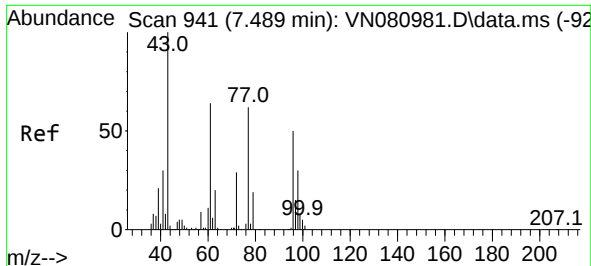
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#30
2-Butanone
Concen: 122.714 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

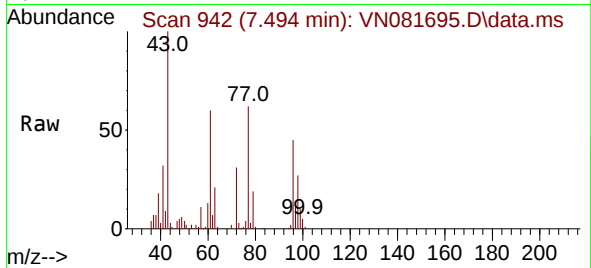
Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.9	6.7	10.1
72	30.1	24.0	36.0





#31
2,2-Dichloropropane
Concen: 21.650 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

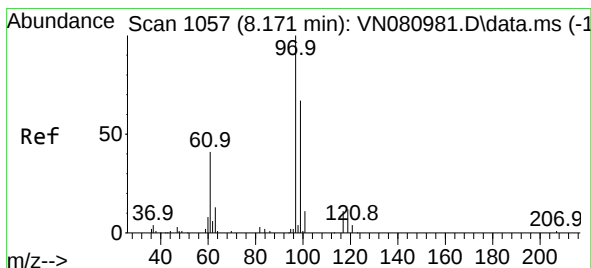
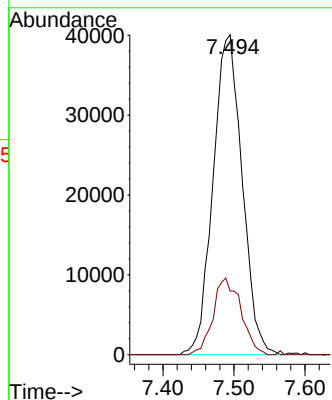
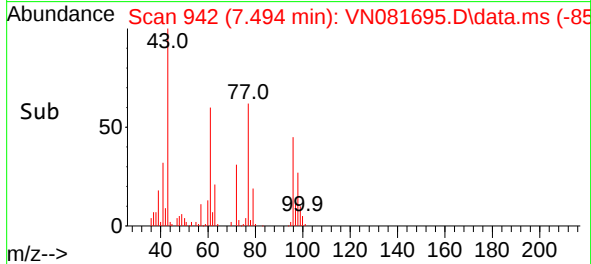
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 77 Resp: 113830
Ion Ratio Lower Upper
77 100
97 16.9 18.3 27.5

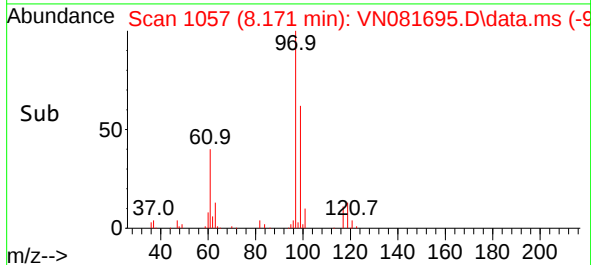
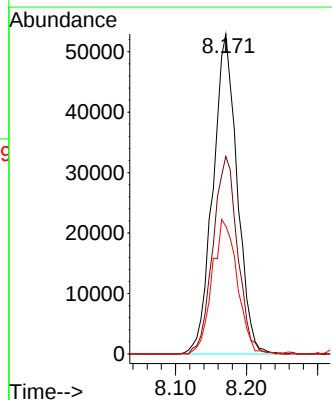
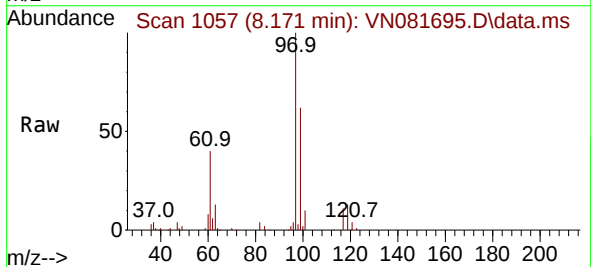
Manual Integrations
APPROVED

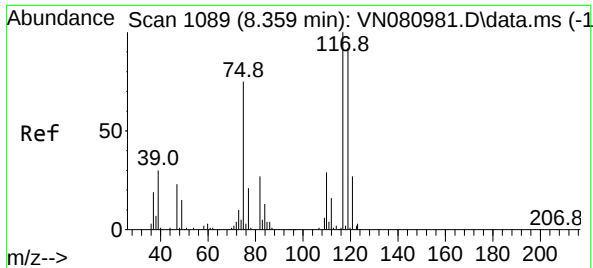
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#32
1,1,1-Trichloroethane
Concen: 21.533 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

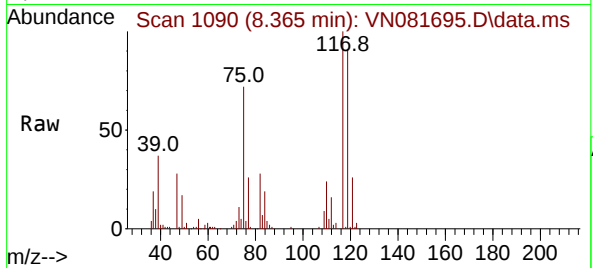
Tgt Ion: 97 Resp: 125269
Ion Ratio Lower Upper
97 100
99 62.6 51.0 76.4
61 43.1 33.8 50.8





#33
Carbon Tetrachloride
Concen: 20.623 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

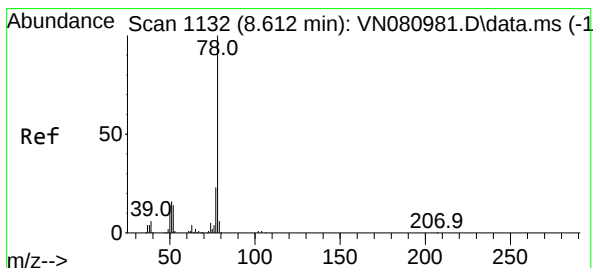
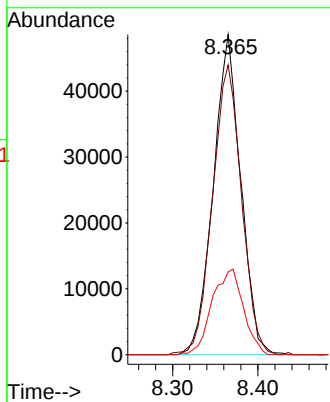
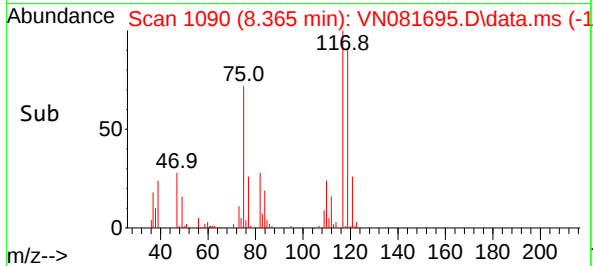
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 117 Resp: 108749
Ion Ratio Lower Upper
117 100
119 90.5 77.7 116.5
121 25.9 27.0 40.6

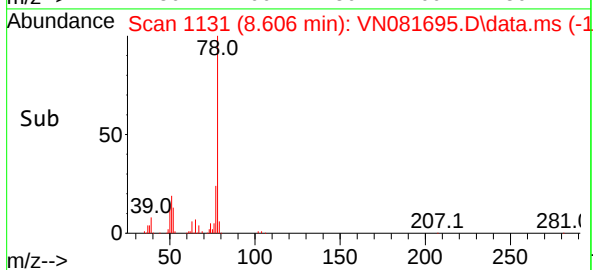
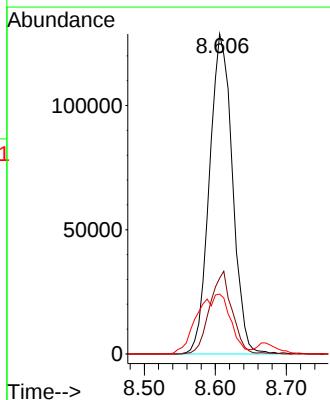
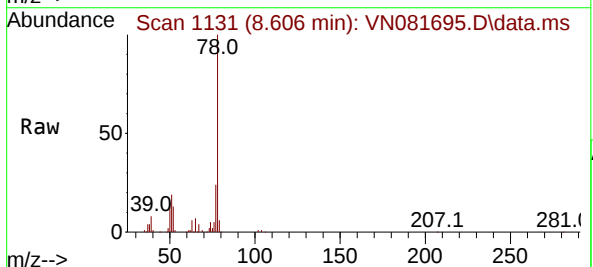
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#34
Benzene
Concen: 21.279 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

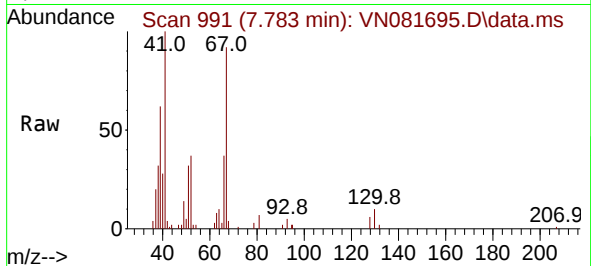
Tgt Ion: 78 Resp: 289347
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 17.3 13.3 19.9





#35
Methacrylonitrile
Concen: 23.783 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

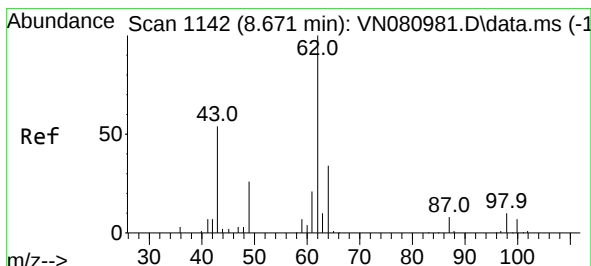
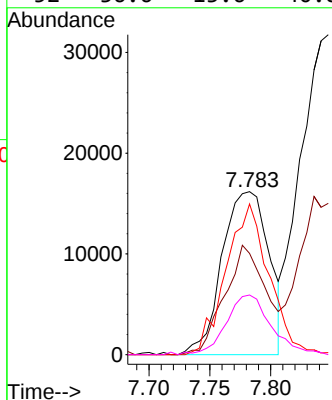
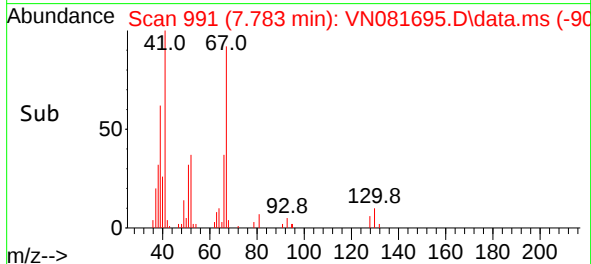
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 41 Resp: 43420
Ion Ratio Lower Upper
41 100
39 62.1 25.3 75.9
67 92.4 38.7 116.1
52 36.6 13.6 40.8

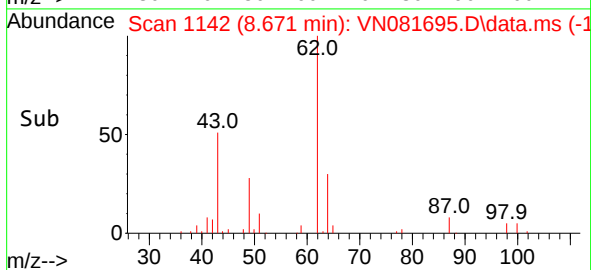
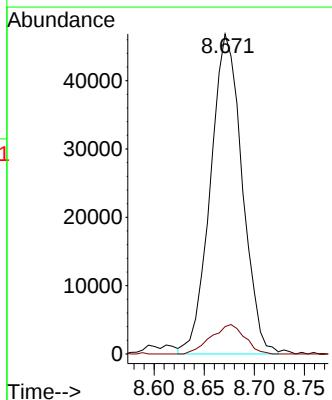
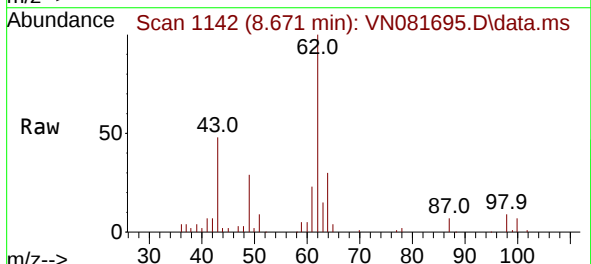
Manual Integrations
APPROVED

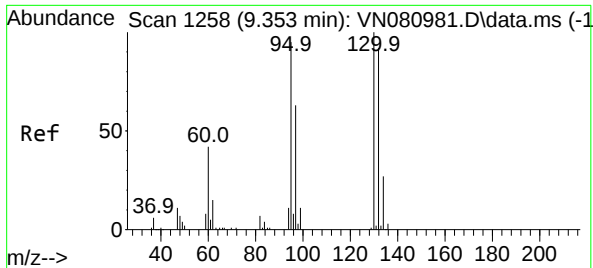
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#36
1,2-Dichloroethane
Concen: 23.141 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 62 Resp: 103211
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.4





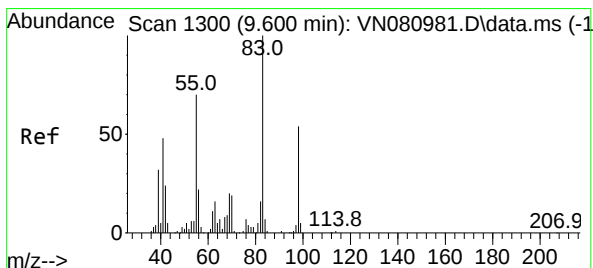
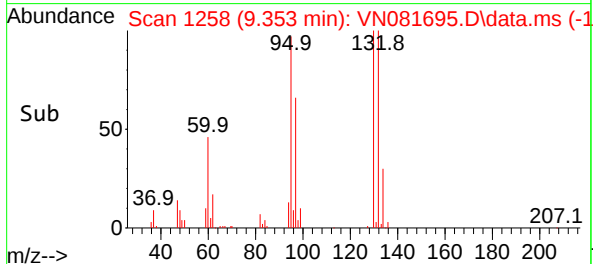
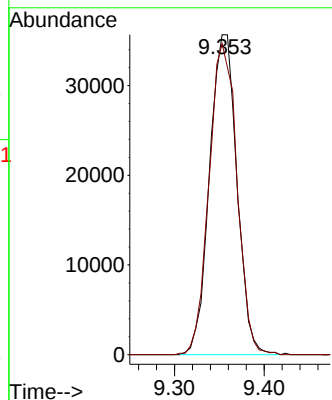
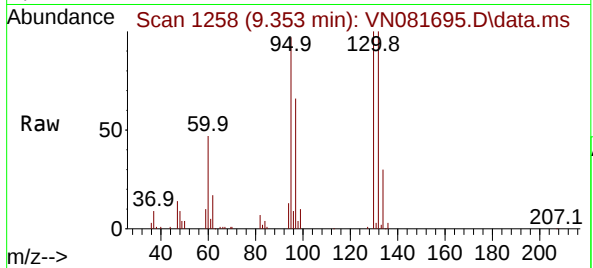
#37
Trichloroethene
Concen: 20.993 ug/l
RT: 9.353 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:130 Resp: 75539
Ion Ratio Lower Upper
130 100
95 97.2 80.2 120.4

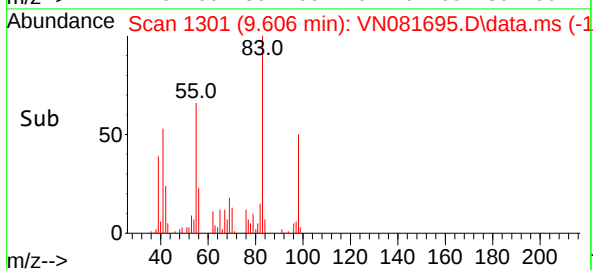
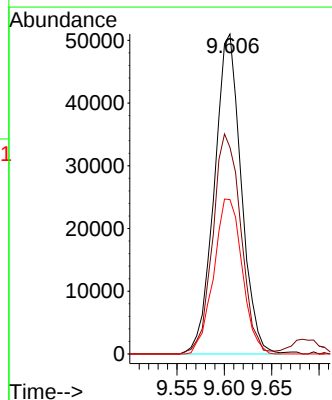
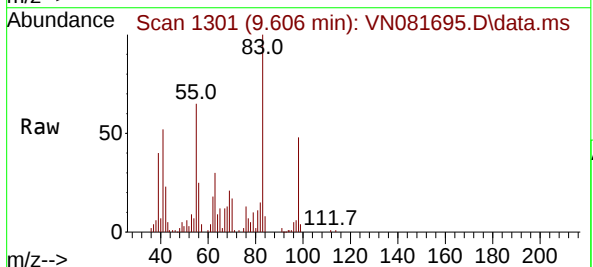
Manual Integrations
APPROVED

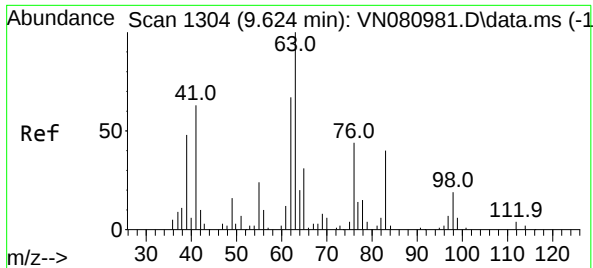
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#38
Methylcyclohexane
Concen: 19.521 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

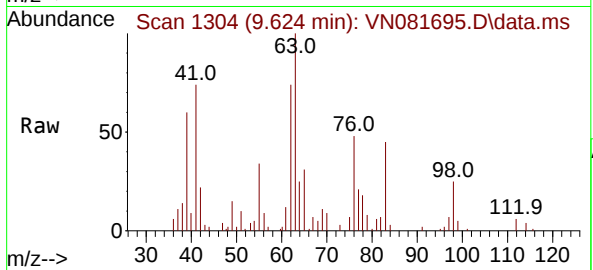
Tgt Ion: 83 Resp: 100716
Ion Ratio Lower Upper
83 100
55 71.7 36.6 109.9
98 51.3 23.8 71.5





#39
1,2-Dichloropropane
Concen: 21.622 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

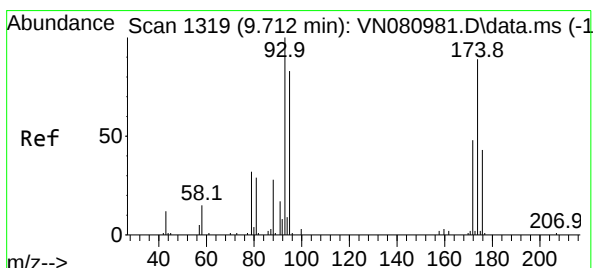
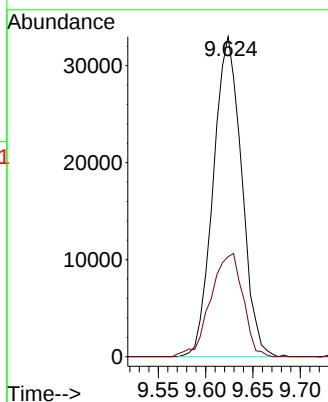
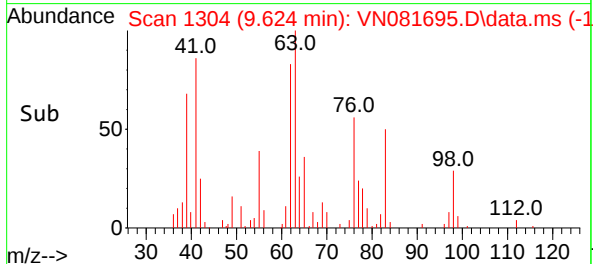
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



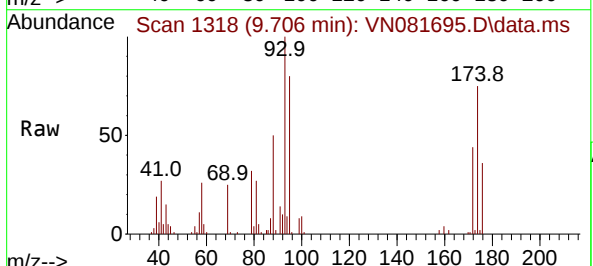
Tgt Ion: 63 Resp: 68592
Ion Ratio Lower Upper
63 100
65 31.2 25.0 37.4

Manual Integrations
APPROVED

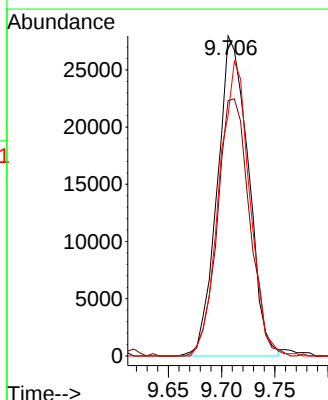
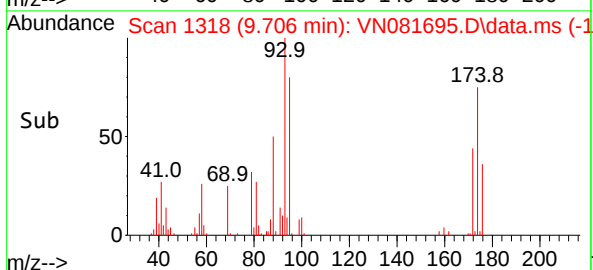
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

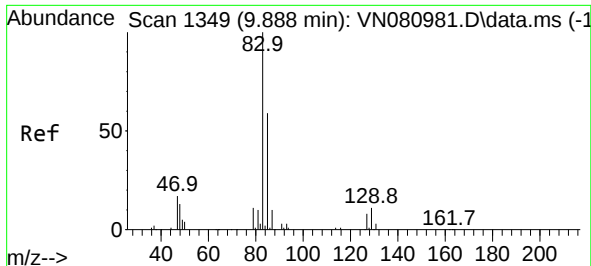


#40
Dibromomethane
Concen: 22.404 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38



Tgt Ion: 93 Resp: 56614
Ion Ratio Lower Upper
93 100
95 83.5 0.0 164.6
174 90.6 0.0 193.2





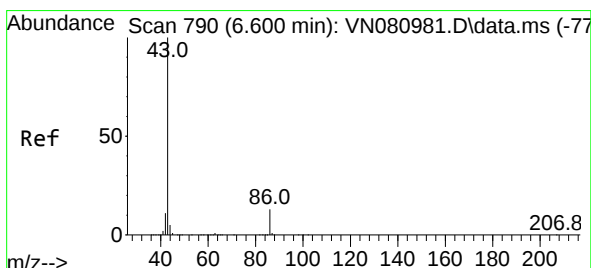
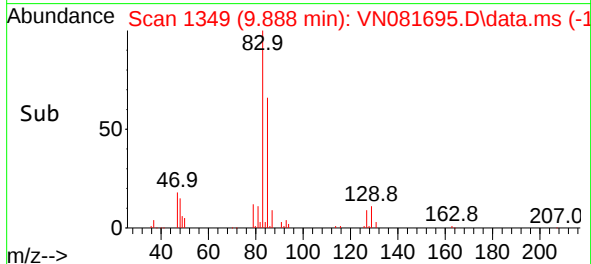
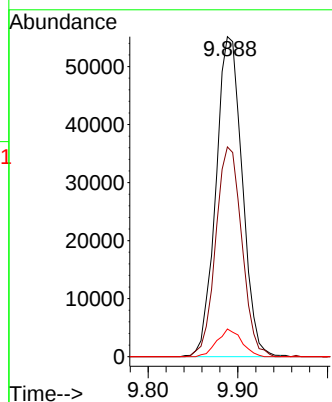
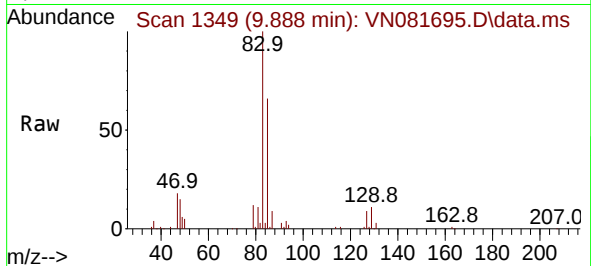
#41
Bromodichloromethane
Concen: 21.821 ug/l
RT: 9.888 min Scan# 11244
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 83 Resp: 11244
Ion Ratio Lower Upper
83 100
85 65.5 49.4 74.2
127 8.6 7.3 10.9

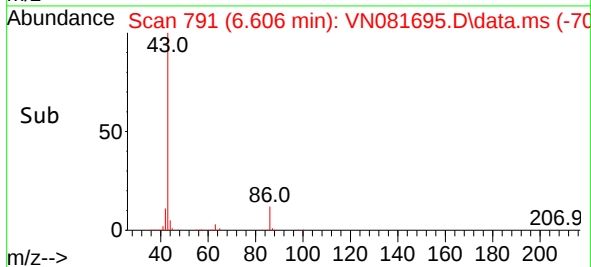
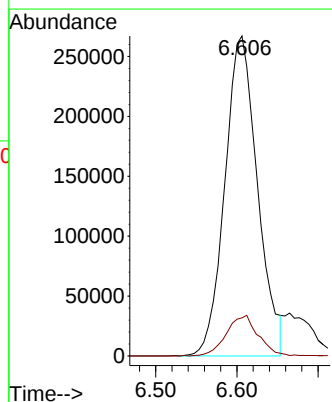
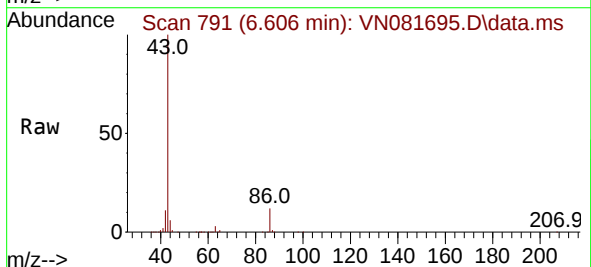
Manual Integrations
APPROVED

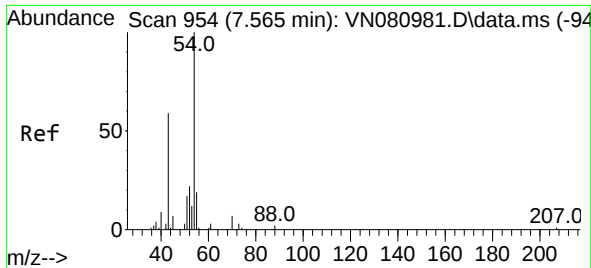
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#42
Vinyl Acetate
Concen: 111.401 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

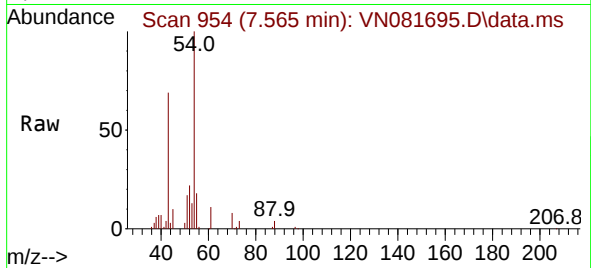
Tgt Ion: 43 Resp: 748124
Ion Ratio Lower Upper
43 100
86 12.3 9.4 14.2





#43
Ethyl Acetate
Concen: 24.250 ug/l
RT: 7.565 min Scan# 915
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

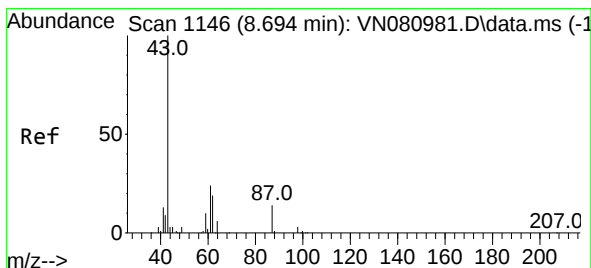
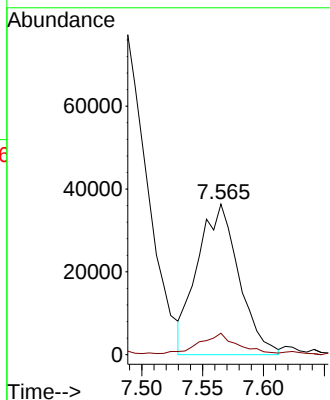
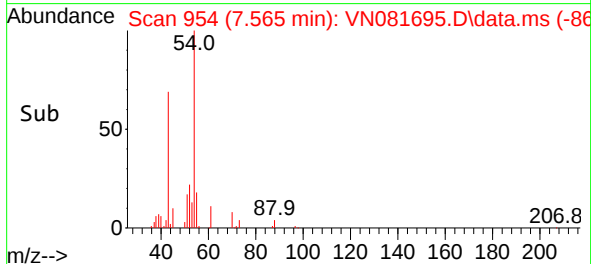
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



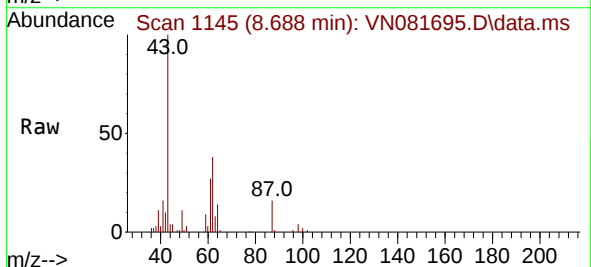
Tgt Ion: 43 Resp: 8615
Ion Ratio Lower Upper
43 100
45 12.7 10.6 15.8

Manual Integrations
APPROVED

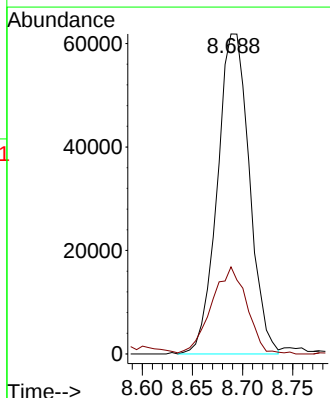
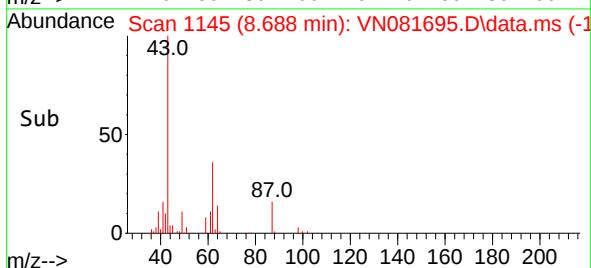
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

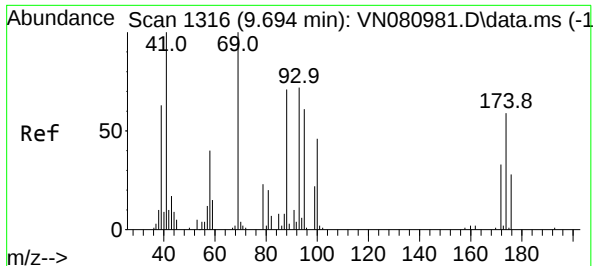


#44
Isopropyl Acetate
Concen: 23.057 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38



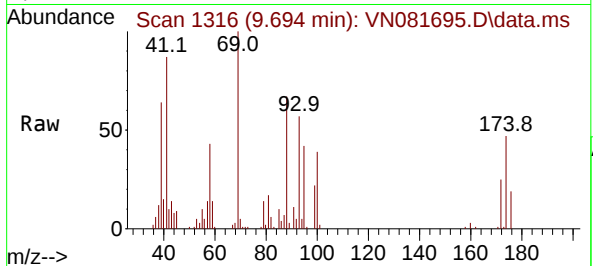
Tgt Ion: 43 Resp: 137259
Ion Ratio Lower Upper
43 100
61 29.6 25.0 37.4





#45
1,4-Dioxane
Concen: 484.854 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

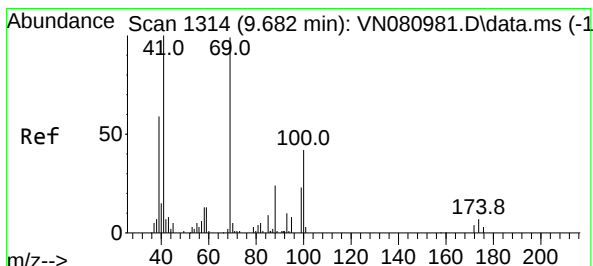
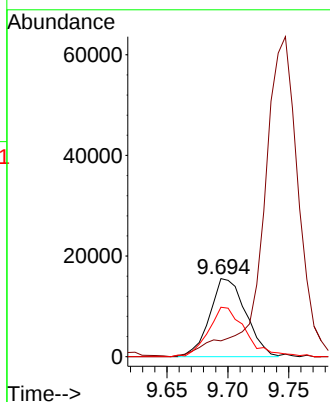
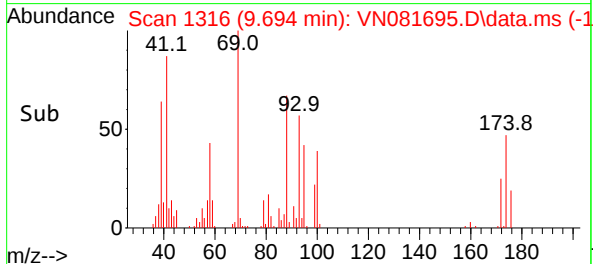
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



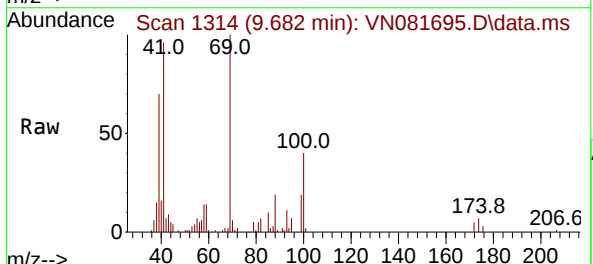
Tgt Ion: 88 Resp: 31862
Ion Ratio Lower Upper
88 100
43 0.0 19.8 29.6
58 65.7 55.4 83.0

Manual Integrations
APPROVED

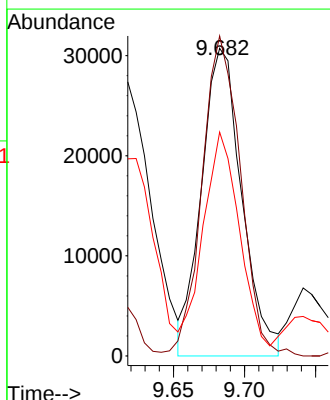
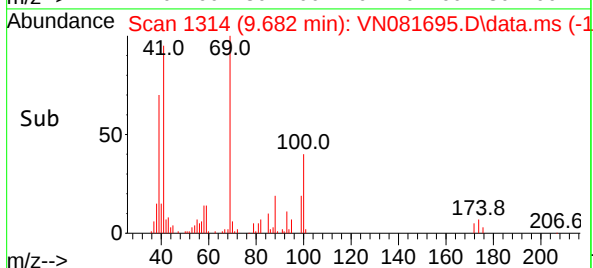
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

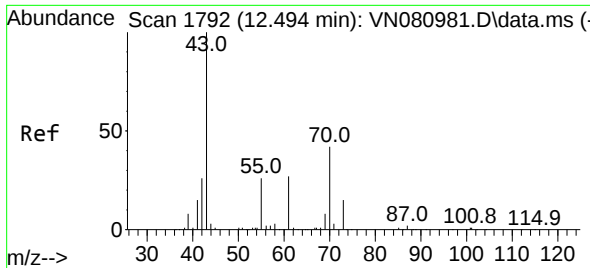


#46
Methyl methacrylate
Concen: 22.661 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38



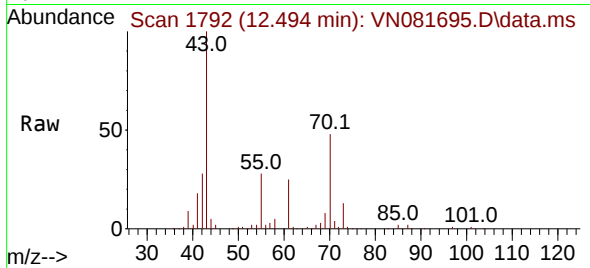
Tgt Ion: 41 Resp: 60665
Ion Ratio Lower Upper
41 100
69 110.4 51.1 153.3
39 71.5 25.8 77.3





#47
n-amyl acetate
Concen: 21.646 ug/l
RT: 12.494 min Scan# 115629
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

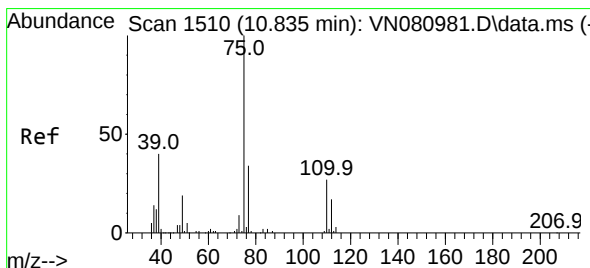
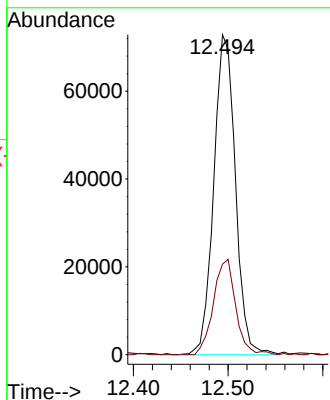
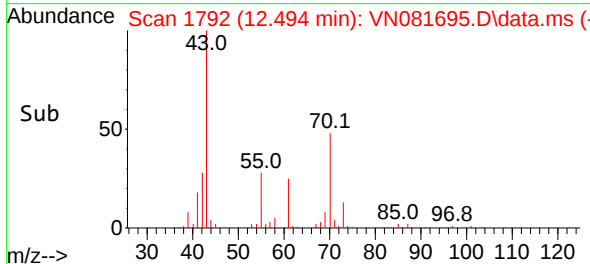
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



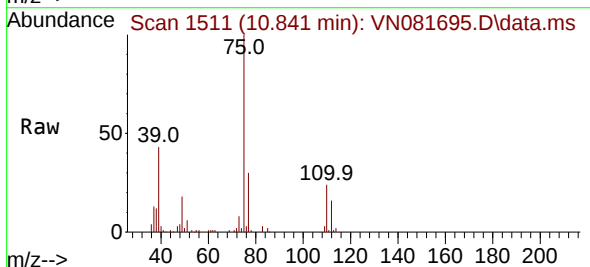
Tgt Ion: 43 Resp: 115629
Ion Ratio Lower Upper
43 100
55 30.2 23.4 35.2

Manual Integrations
APPROVED

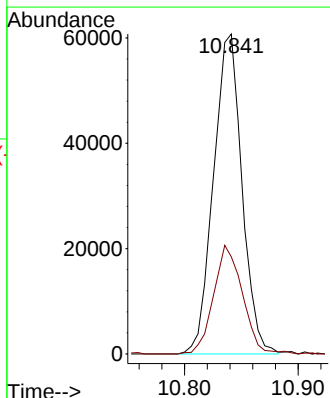
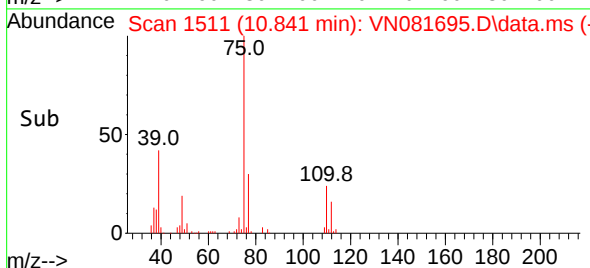
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

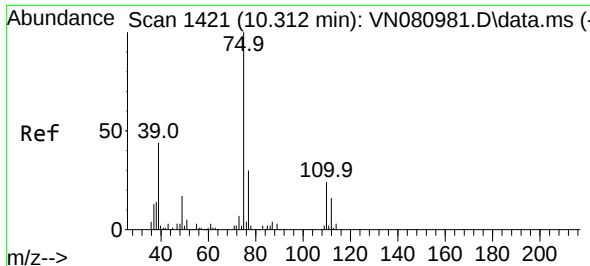


#48
t-1,3-Dichloropropene
Concen: 21.552 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38



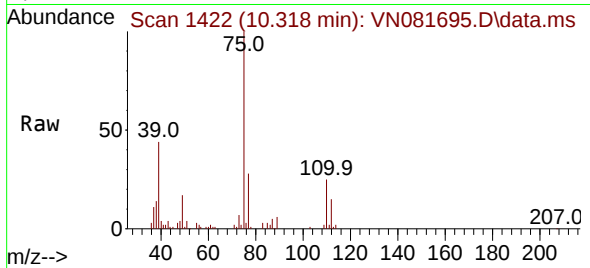
Tgt Ion: 75 Resp: 105804
Ion Ratio Lower Upper
75 100
77 30.4 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 21.426 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

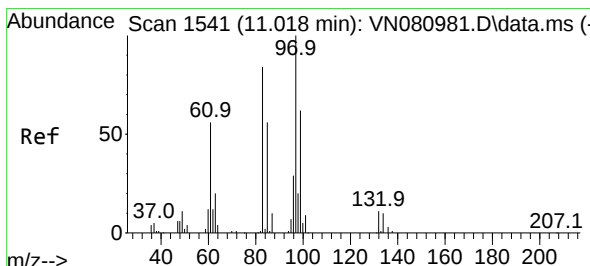
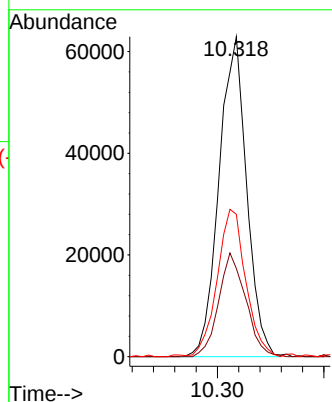
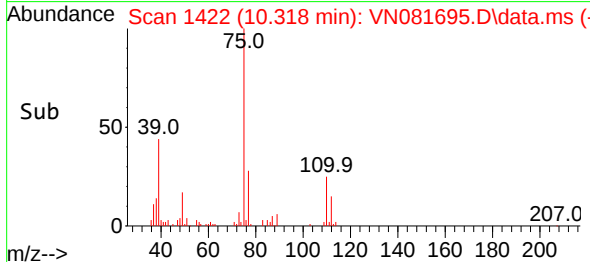
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 75 Resp: 11327
Ion Ratio Lower Upper
75 100
77 27.6 24.9 37.3
39 44.5 31.0 46.6

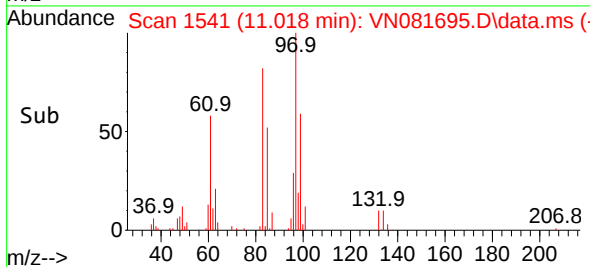
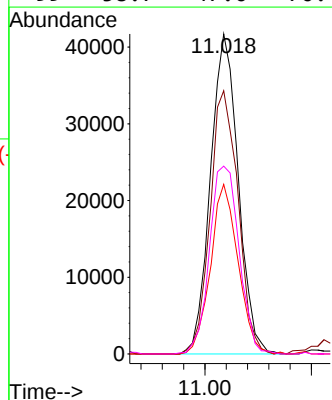
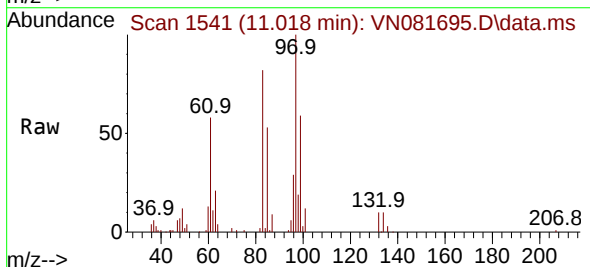
Manual Integrations
APPROVED

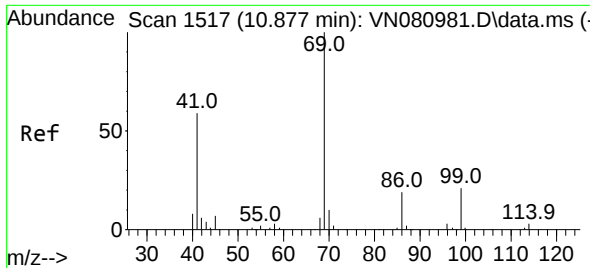
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#50
1,1,2-Trichloroethane
Concen: 22.328 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

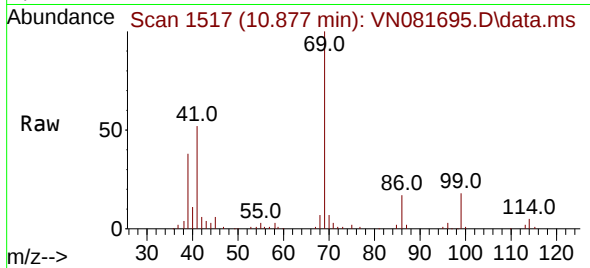
Tgt Ion: 97 Resp: 75550
Ion Ratio Lower Upper
97 100
83 82.3 68.1 102.1
85 53.0 41.8 62.6
99 58.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 21.949 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

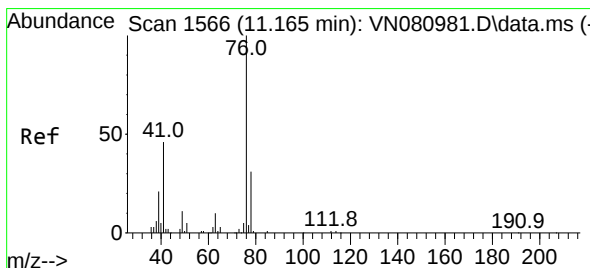
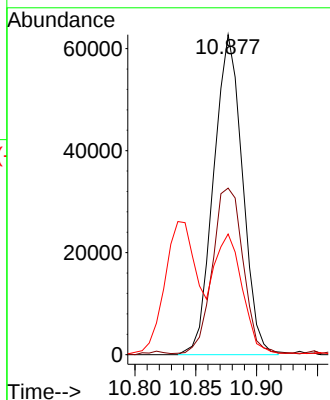
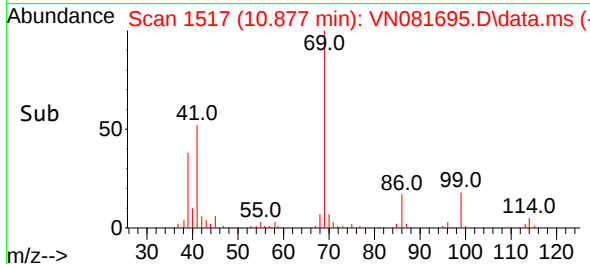
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



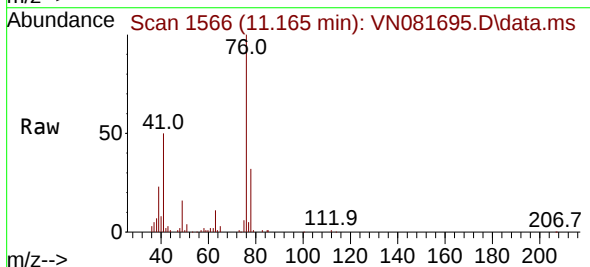
Tgt Ion: 69 Resp: 103408
Ion Ratio Lower Upper
69 100
41 51.6 25.5 76.5
39 37.2 16.0 47.9

Manual Integrations
APPROVED

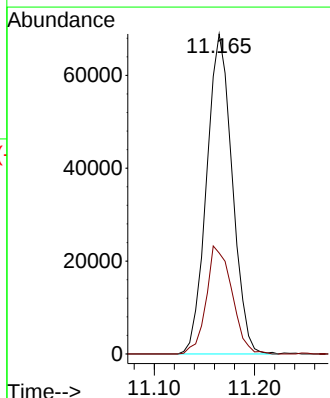
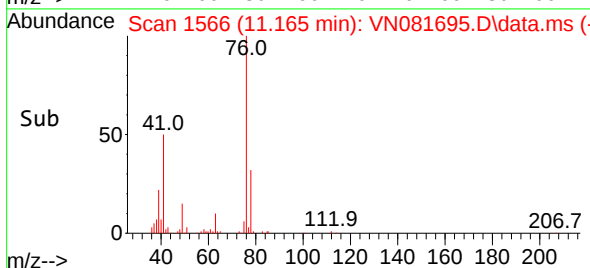
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

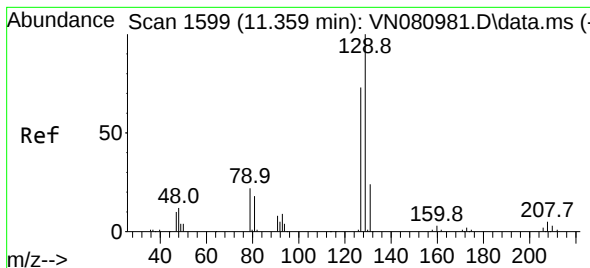


#52
1,3-Dichloropropane
Concen: 22.052 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38



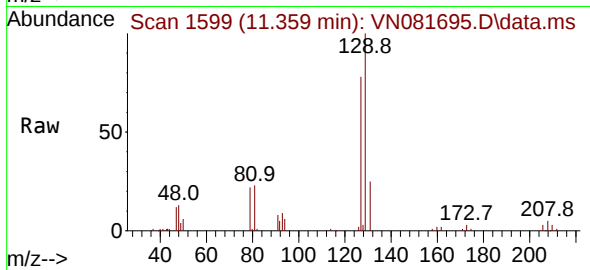
Tgt Ion: 76 Resp: 122301
Ion Ratio Lower Upper
76 100
78 33.6 0.0 65.8





#53
Dibromochloromethane
Concen: 22.108 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

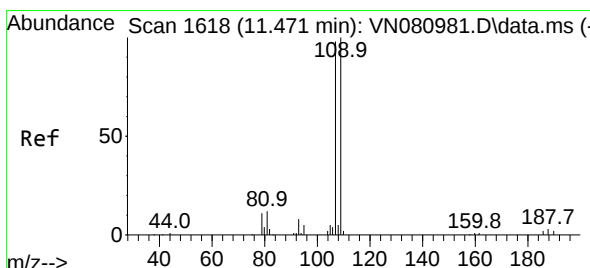
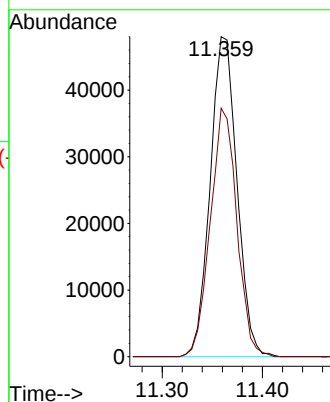
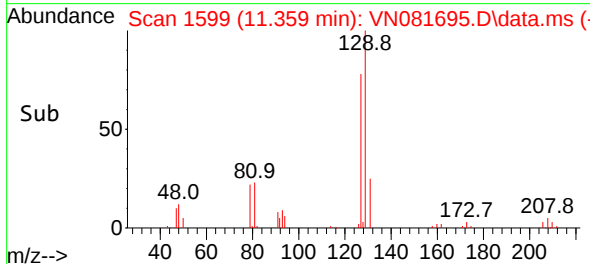
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



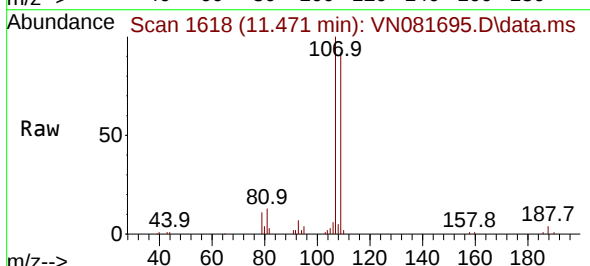
Tgt Ion:129 Resp: 89358
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.1

Manual Integrations
APPROVED

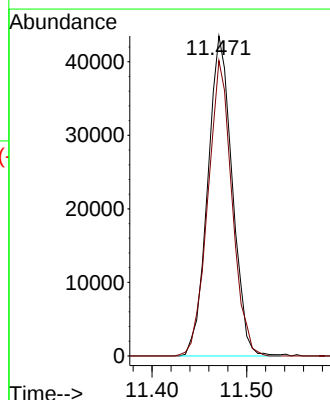
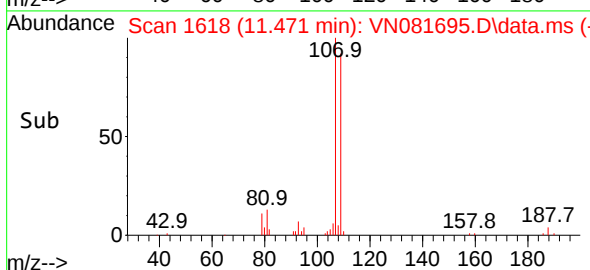
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

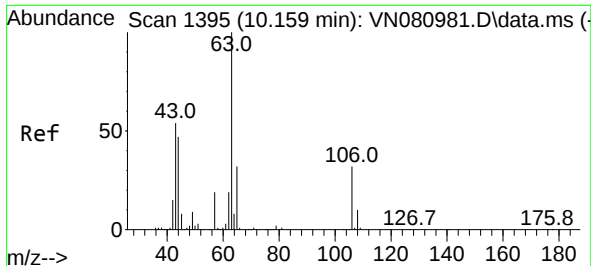


#54
1,2-Dibromoethane
Concen: 22.332 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38



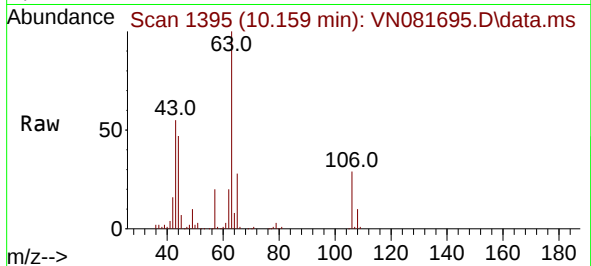
Tgt Ion:107 Resp: 78106
Ion Ratio Lower Upper
107 100
109 91.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 117.116 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

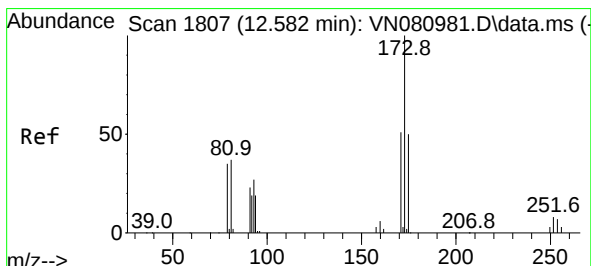
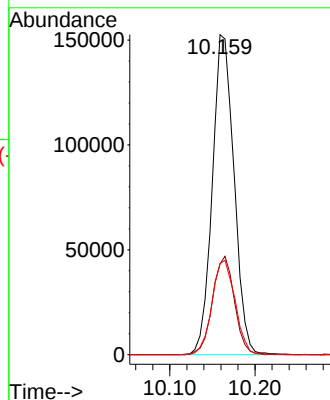
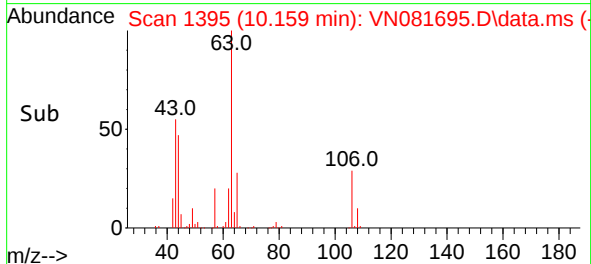
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 63 Resp: 270950
Ion Ratio Lower Upper
63 100
65 31.0 26.2 39.2
106 31.2 23.8 35.8

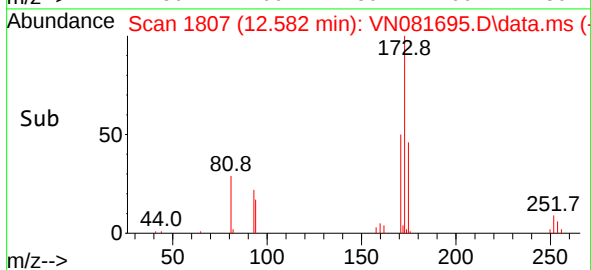
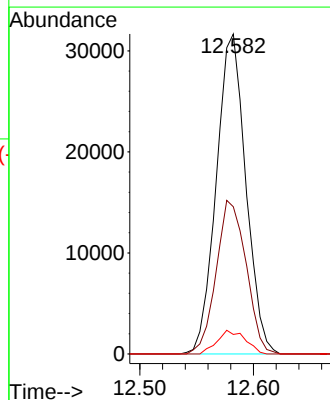
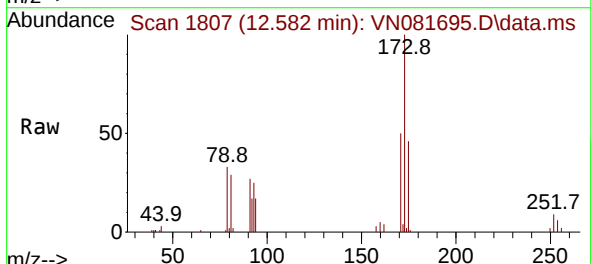
Manual Integrations
APPROVED

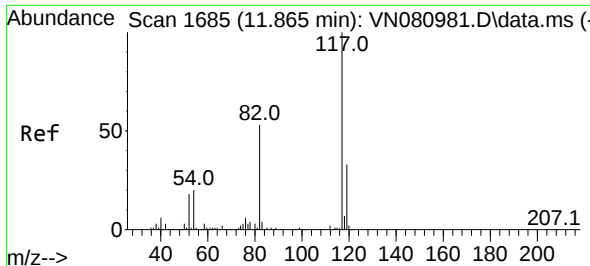
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#56
Bromoform
Concen: 22.107 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

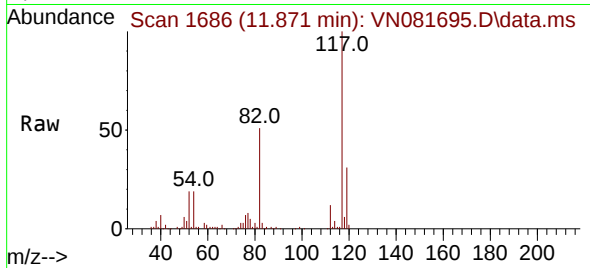
Tgt Ion:173 Resp: 57135
Ion Ratio Lower Upper
173 100
175 48.6 40.0 60.0
254 7.1 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

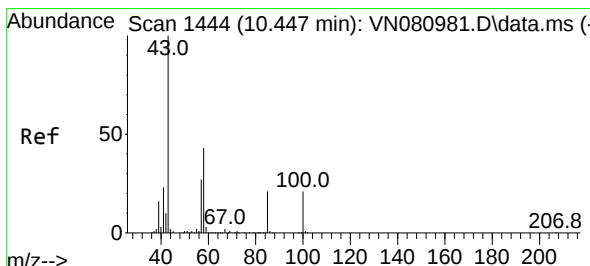
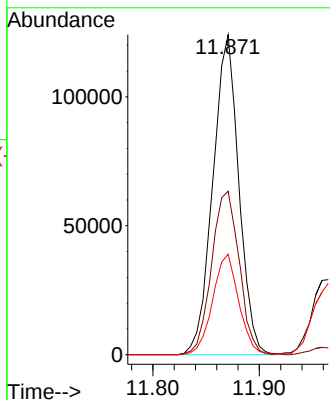
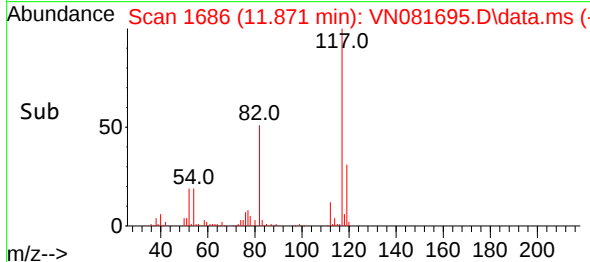
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 117 Resp: 21013
Ion Ratio Lower Upper
117 100
82 54.2 46.6 69.8
119 31.5 25.4 38.2

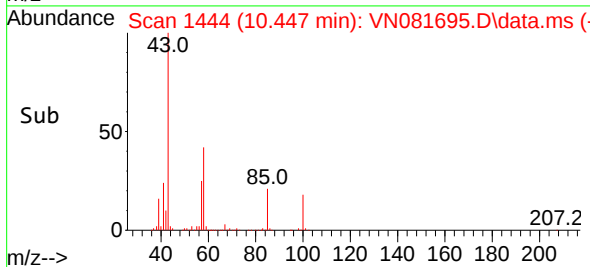
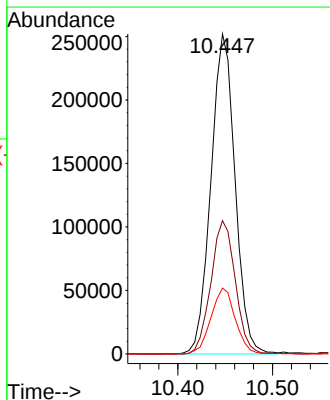
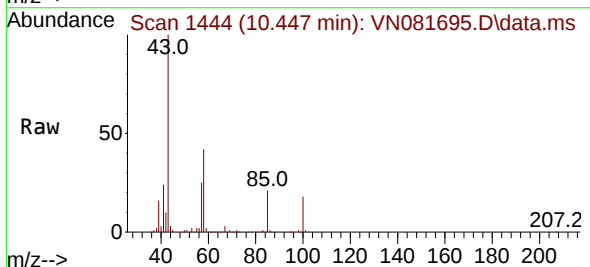
Manual Integrations
APPROVED

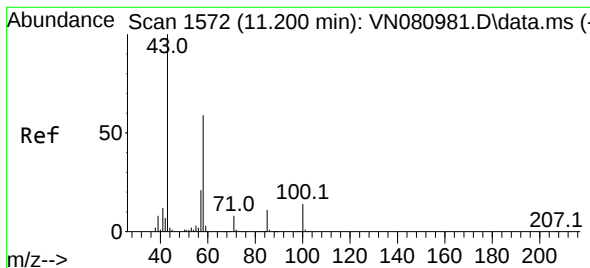
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#58
4-Methyl-2-Pentanone
Concen: 123.580 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

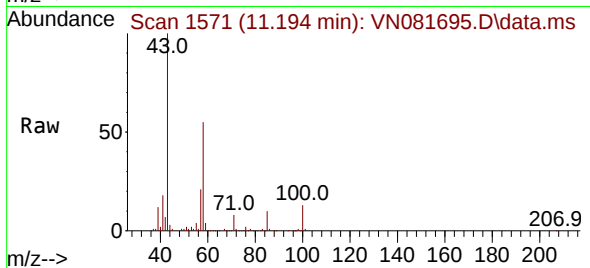
Tgt Ion: 43 Resp: 446576
Ion Ratio Lower Upper
43 100
58 42.1 36.5 54.7
85 20.7 19.5 29.3





#59
2-Hexanone
Concen: 124.617 ug/l
RT: 11.194 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

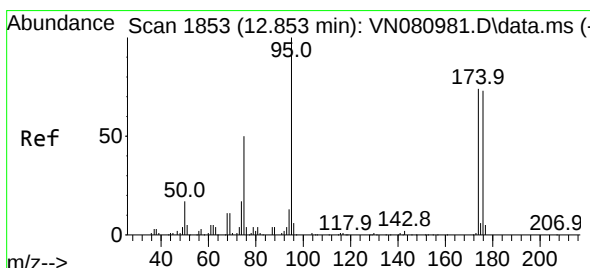
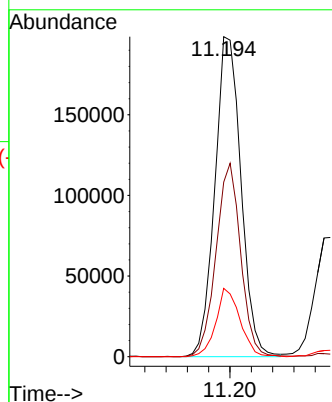
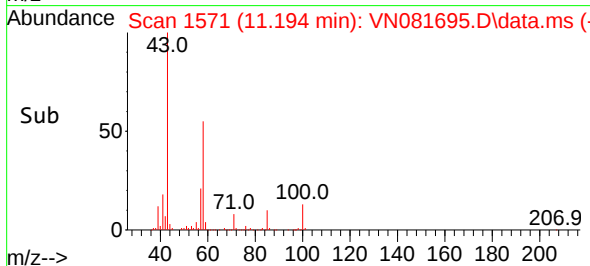
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 43 Resp: 338190
Ion Ratio Lower Upper
43 100
58 56.9 50.4 75.6
57 19.7 18.6 27.8

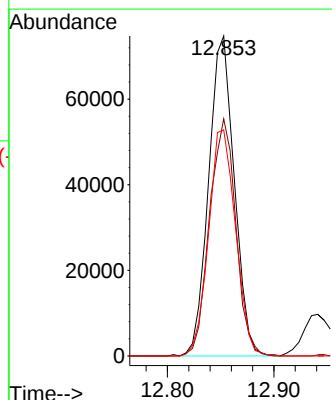
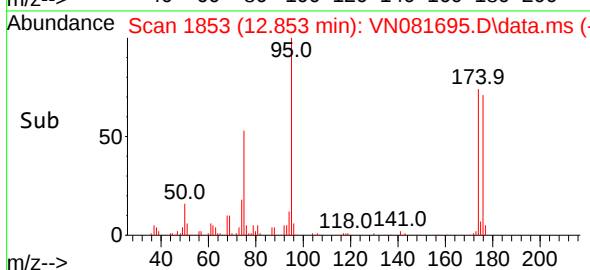
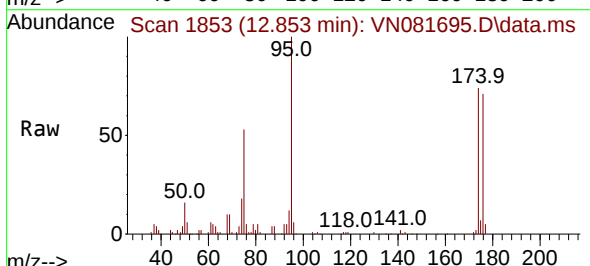
Manual Integrations
APPROVED

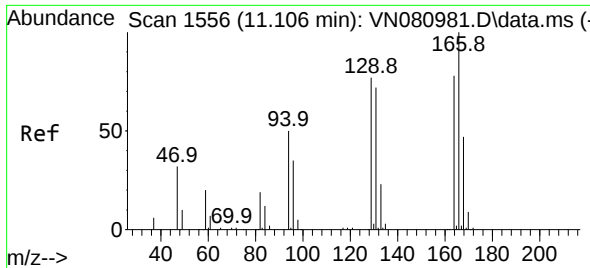
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#60
4-Bromofluorobenzene
Concen: 30.264 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

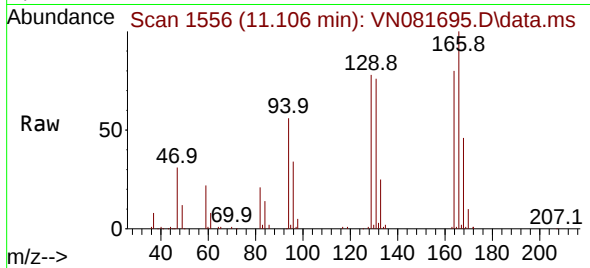
Tgt Ion: 95 Resp: 125031
Ion Ratio Lower Upper
95 100
174 75.7 60.5 90.7
176 74.3 57.8 86.6





#61
Tetrachloroethene
Concen: 21.108 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

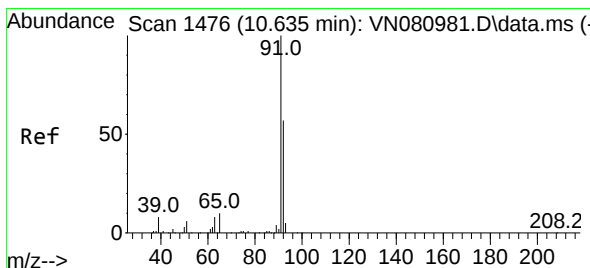
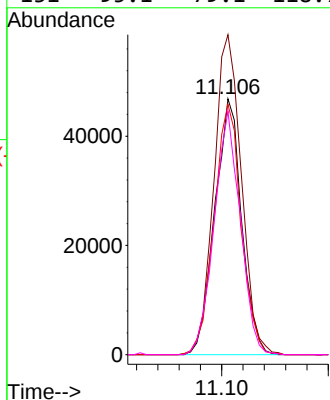
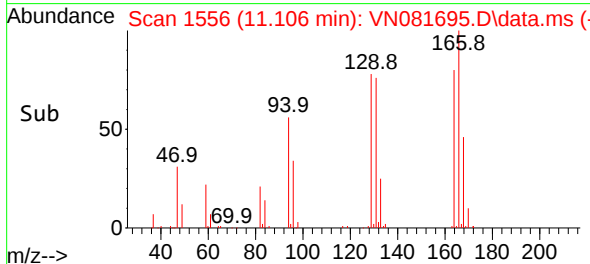
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:164 Resp: 82189
Ion Ratio Lower Upper
164 100
166 125.1 106.7 160.1
129 97.9 85.8 128.6
131 95.1 79.1 118.7

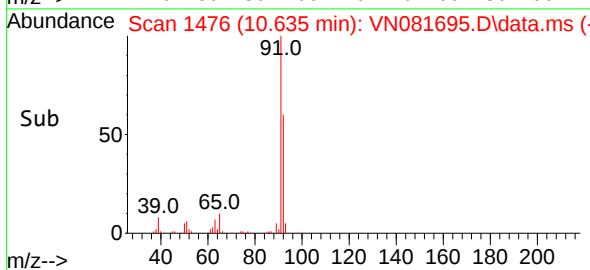
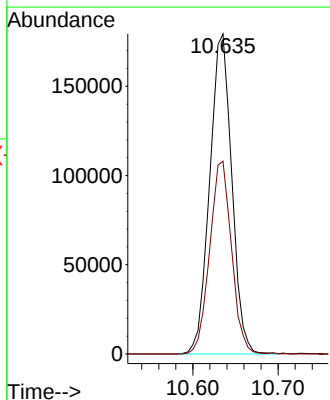
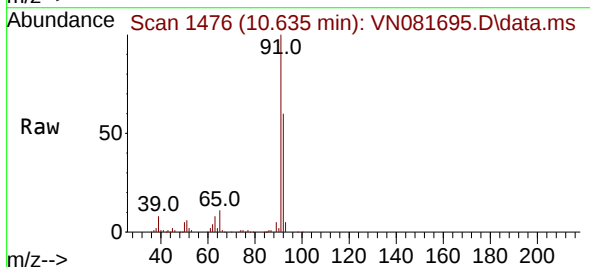
Manual Integrations
APPROVED

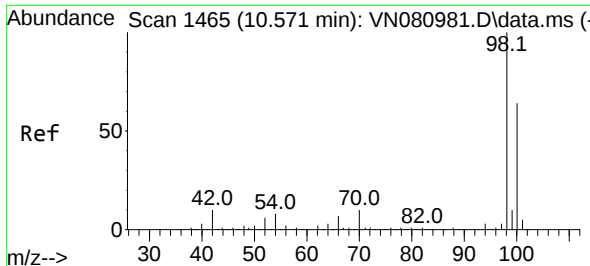
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#62
Toluene
Concen: 21.103 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

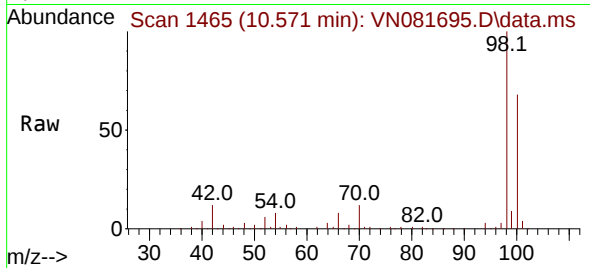
Tgt Ion: 91 Resp: 322618
Ion Ratio Lower Upper
91 100
92 59.5 46.5 69.7





#63
Toluene-d8
Concen: 30.673 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

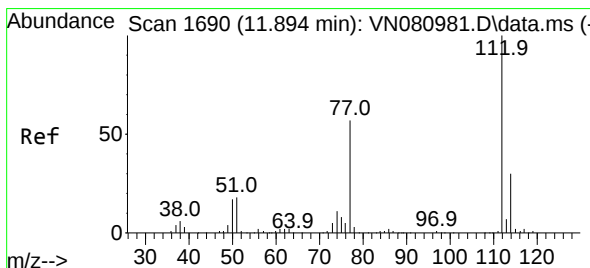
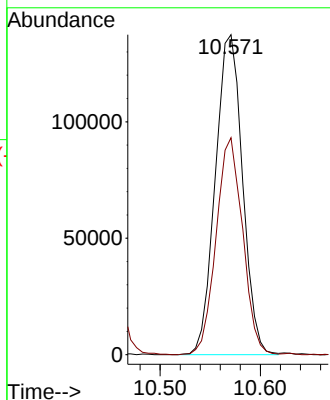
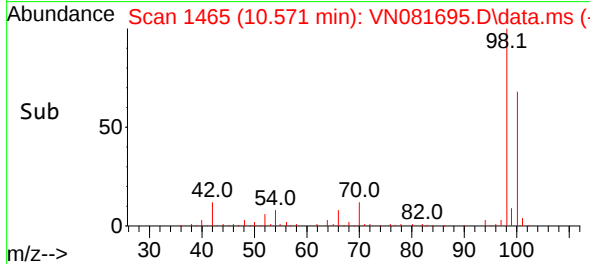
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 98 Resp: 258540
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

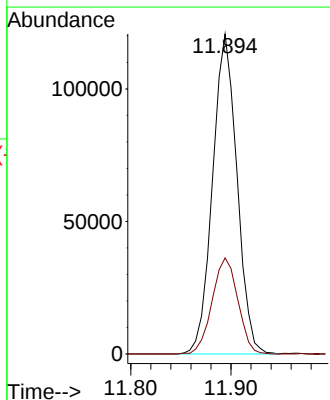
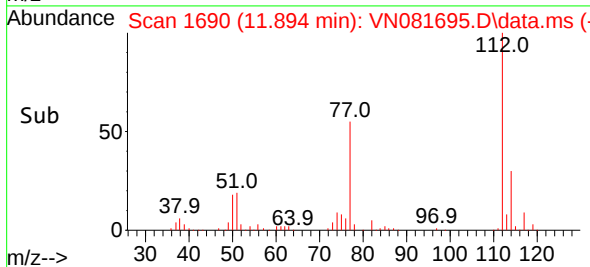
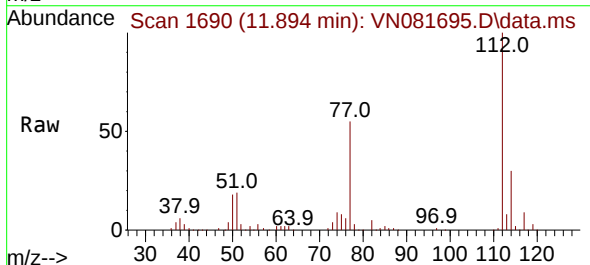
Manual Integrations
APPROVED

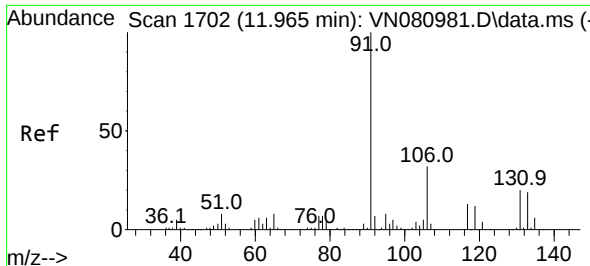
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#64
Chlorobenzene
Concen: 21.051 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion:112 Resp: 204066
Ion Ratio Lower Upper
112 100
114 30.0 26.6 39.8





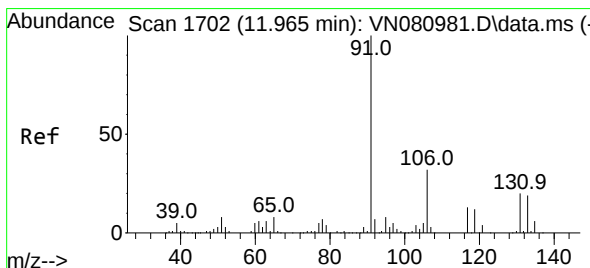
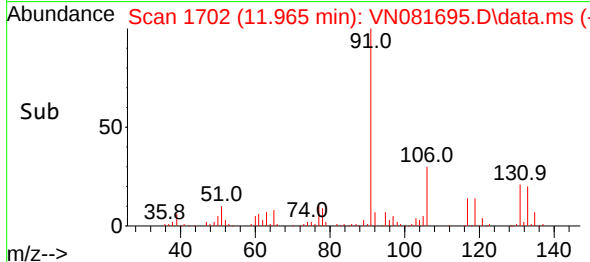
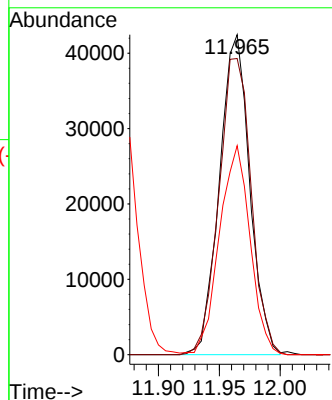
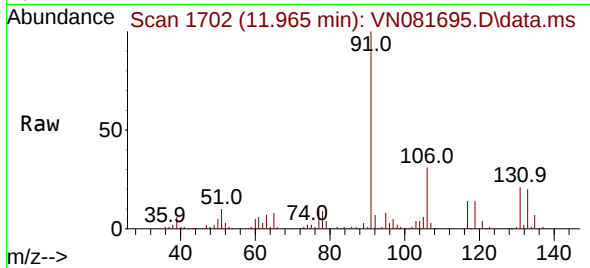
#65
1,1,1,2-Tetrachloroethane
Concen: 20.911 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:131 Resp: 7363
Ion Ratio Lower Upper
131 100
133 98.8 0.0 188.0
119 66.0 0.0 122.8

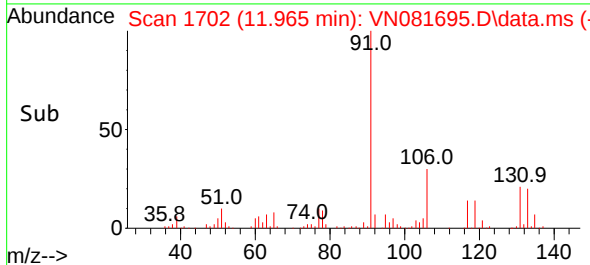
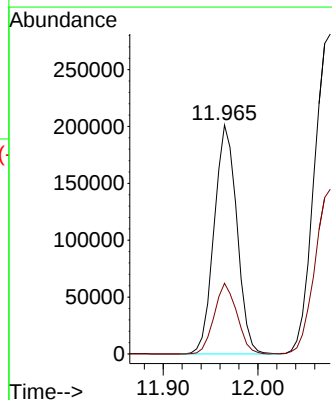
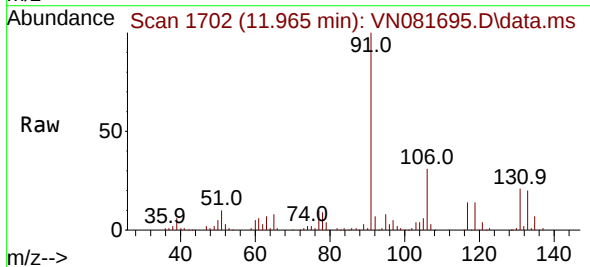
Manual Integrations
APPROVED

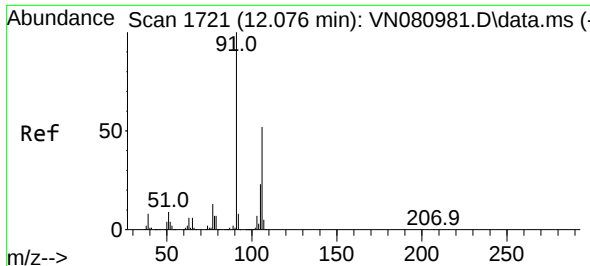
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#66
Ethyl Benzene
Concen: 20.700 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 91 Resp: 336461
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6





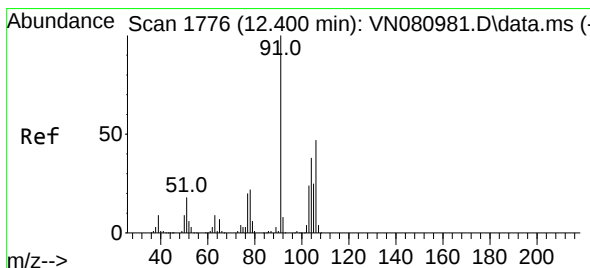
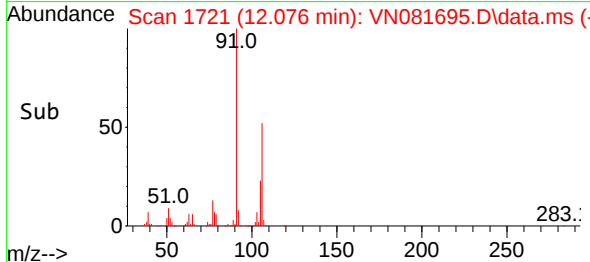
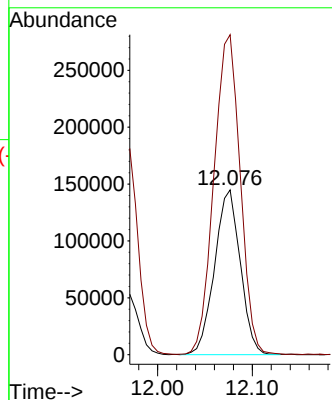
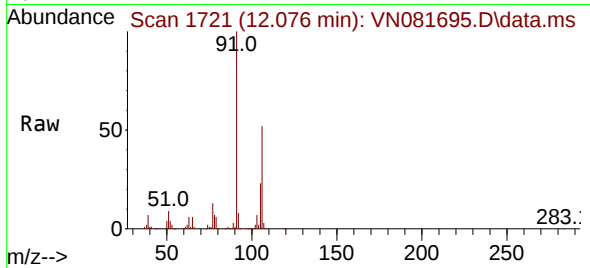
#67
m/p-Xylenes
Concen: 42.450 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:106 Resp: 273309
Ion Ratio Lower Upper
106 100
91 198.8 166.6 249.8

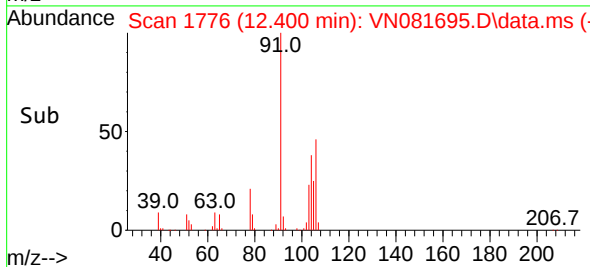
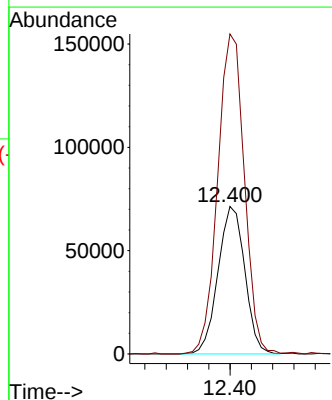
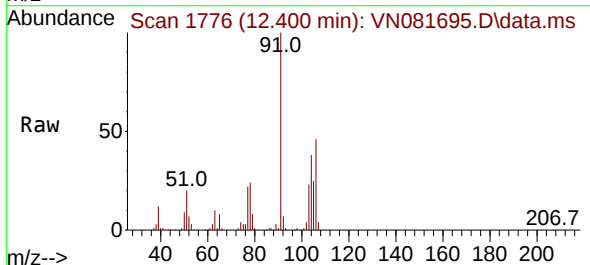
Manual Integrations
APPROVED

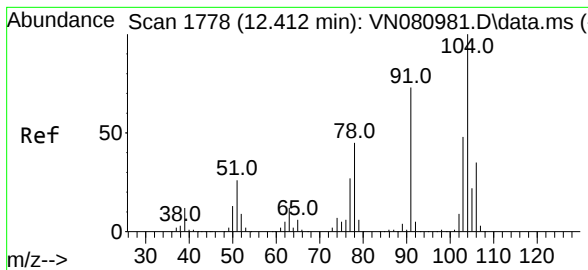
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#68
o-Xylene
Concen: 20.393 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion:106 Resp: 124644
Ion Ratio Lower Upper
106 100
91 215.6 110.0 330.0





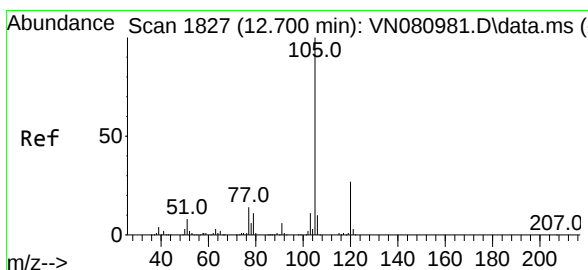
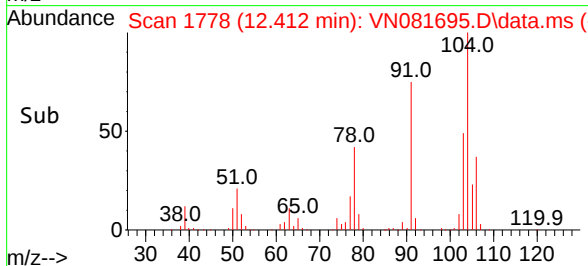
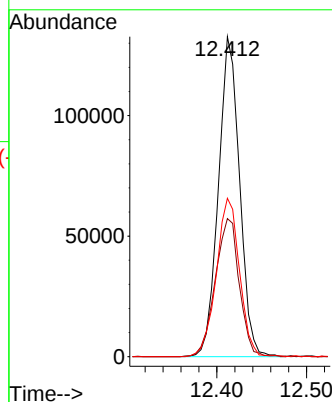
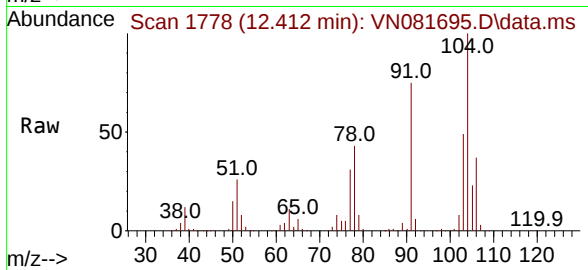
#69
Styrene
Concen: 20.889 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:104 Resp: 217430
Ion Ratio Lower Upper
104 100
78 48.9 42.6 64.0
103 53.9 43.7 65.5

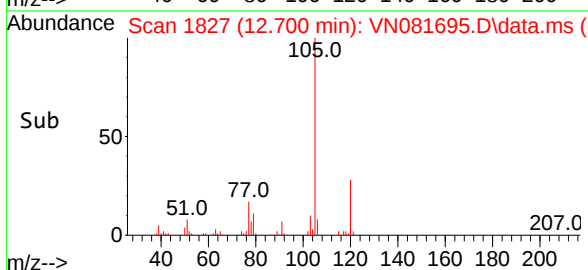
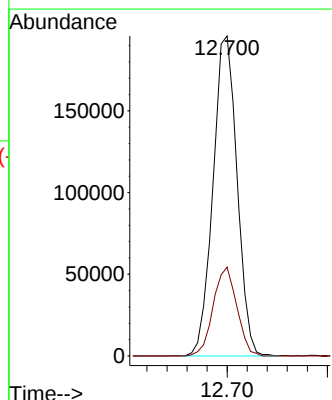
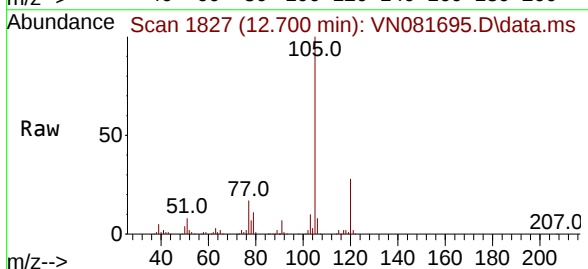
Manual Integrations
APPROVED

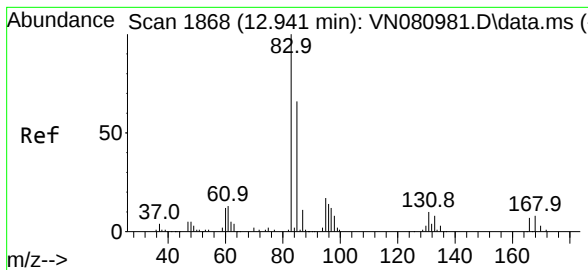
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#70
Isopropylbenzene
Concen: 20.714 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion:105 Resp: 326624
Ion Ratio Lower Upper
105 100
120 27.2 17.8 33.1





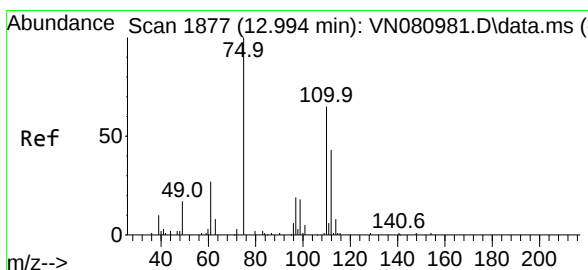
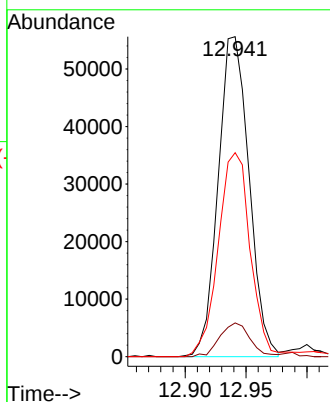
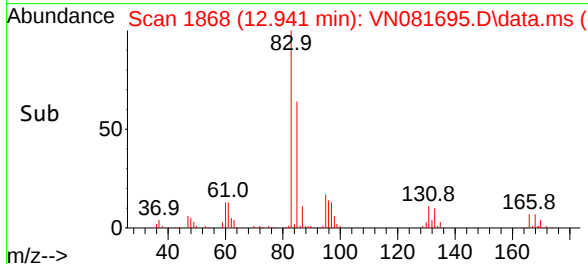
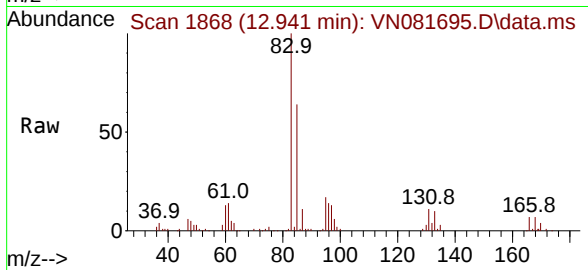
#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.856 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081695.D
 Acq: 11 Apr 2024 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01

Tgt Ion: 83 Resp: 98264
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 65.5 32.3 96.8

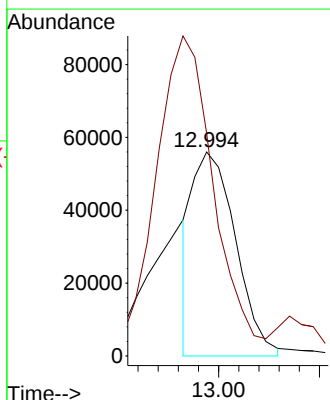
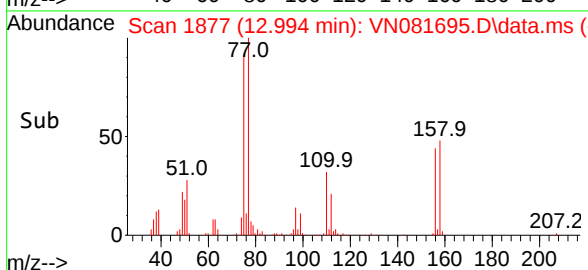
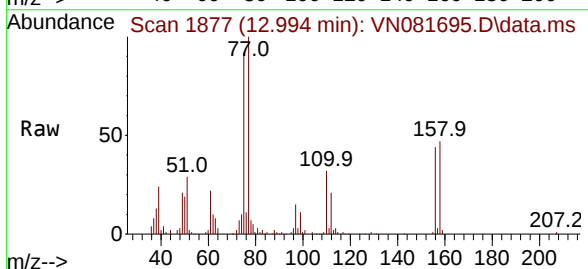
Manual Integrations
 APPROVED

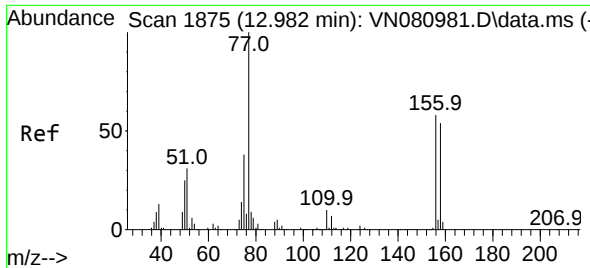
Reviewed By :John Carlone 04/12/2024
 Supervised By :Mahesh Dadoda 04/12/2024



#72
 1,2,3-Trichloropropane
 Concen: 21.822 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN081695.D
 Acq: 11 Apr 2024 13:38

Tgt Ion: 75 Resp: 83216
 Ion Ratio Lower Upper
 75 100
 77 212.2 0.0 367.6





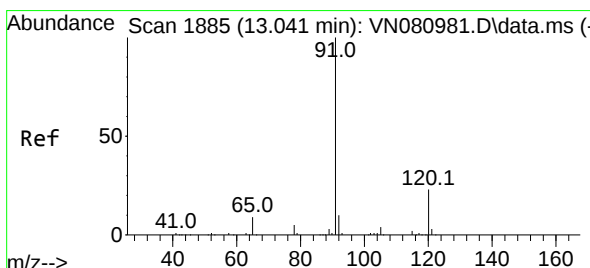
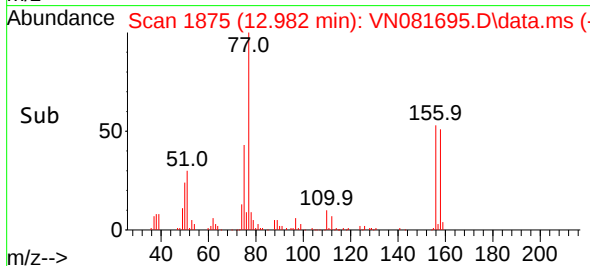
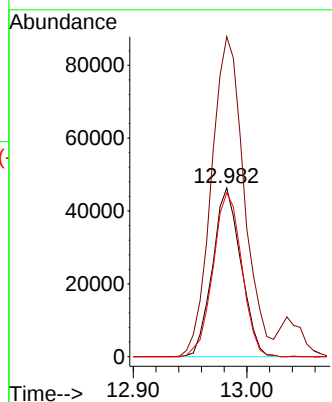
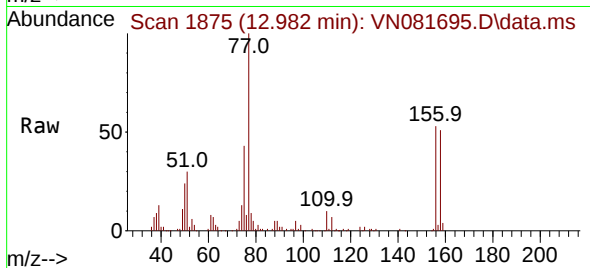
#73
Bromobenzene
Concen: 20.616 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:156 Resp: 80550
Ion Ratio Lower Upper
156 100
77 219.2 0.0 437.6
158 98.2 0.0 203.8

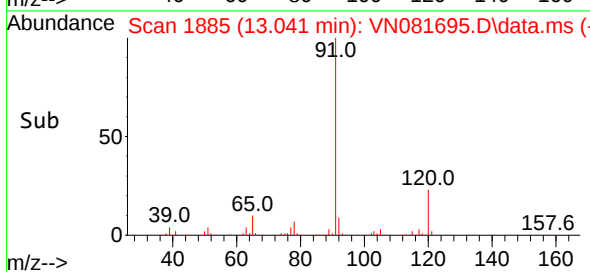
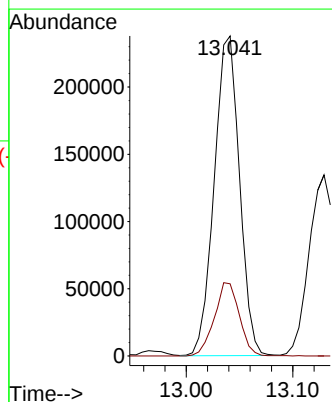
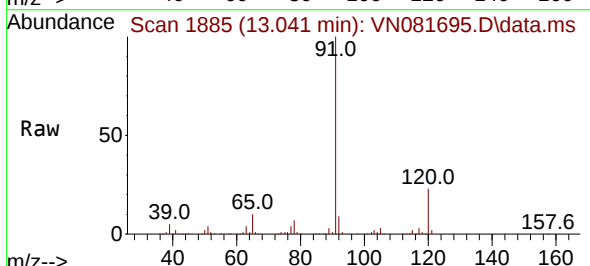
Manual Integrations
APPROVED

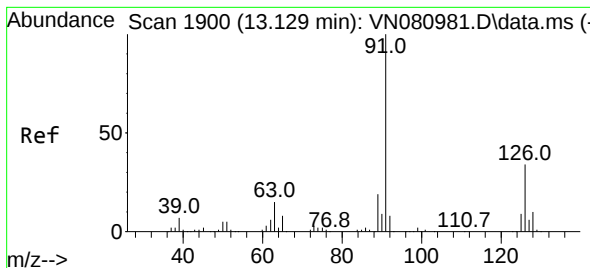
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#74
n-propylbenzene
Concen: 20.748 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 91 Resp: 391611
Ion Ratio Lower Upper
91 100
120 22.5 0.0 43.8





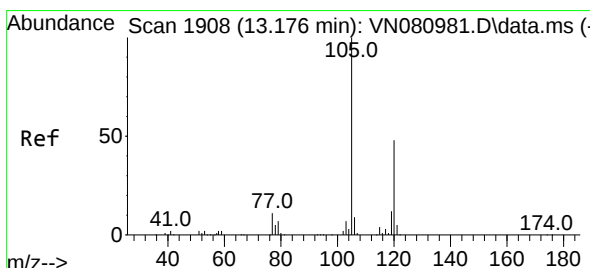
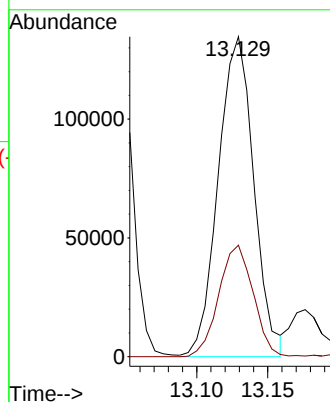
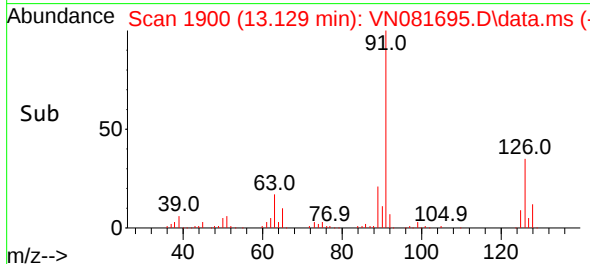
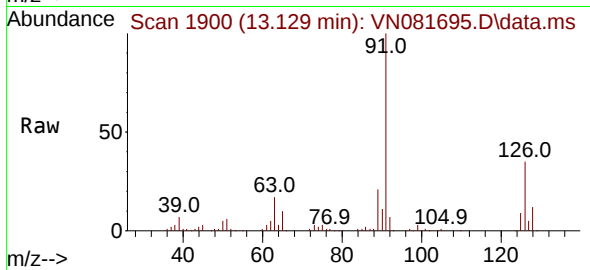
#75
2-Chlorotoluene
Concen: 20.851 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 91 Resp: 234462
Ion Ratio Lower Upper
91 100
126 33.8 0.0 61.2

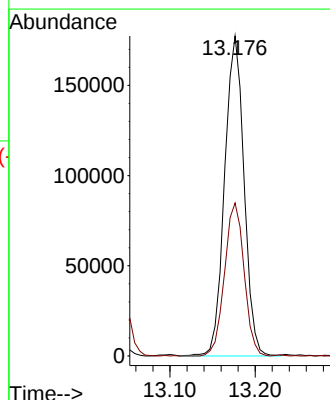
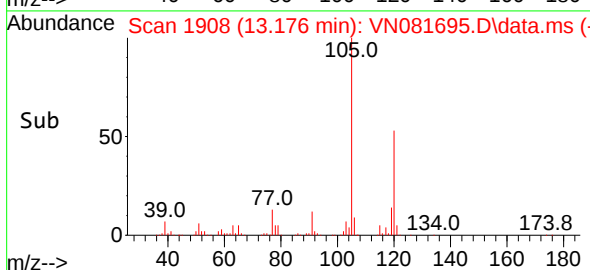
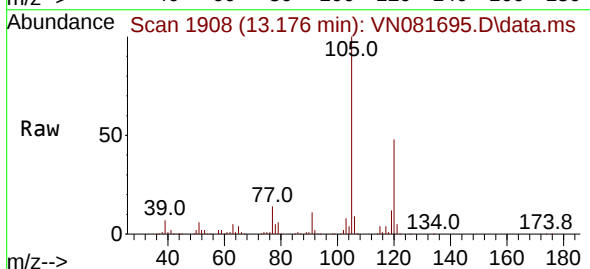
Manual Integrations
APPROVED

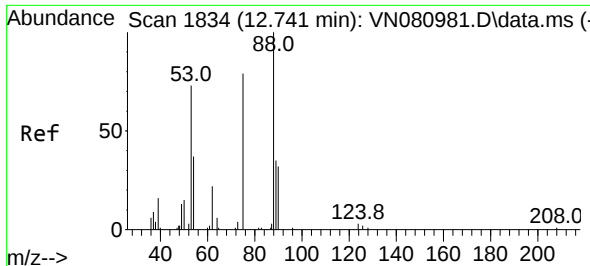
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.024 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

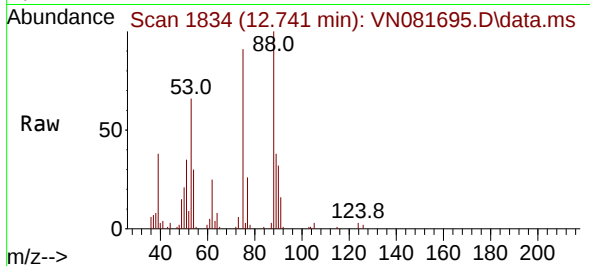
Tgt Ion:105 Resp: 281377
Ion Ratio Lower Upper
105 100
120 48.1 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 23.464 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

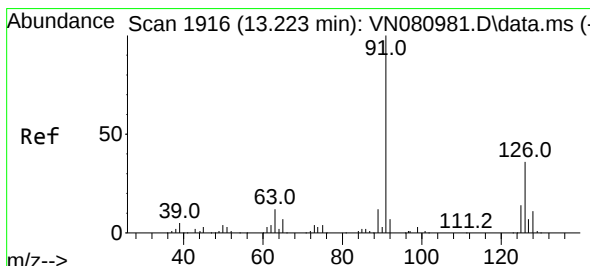
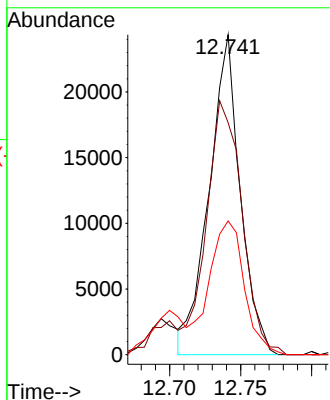
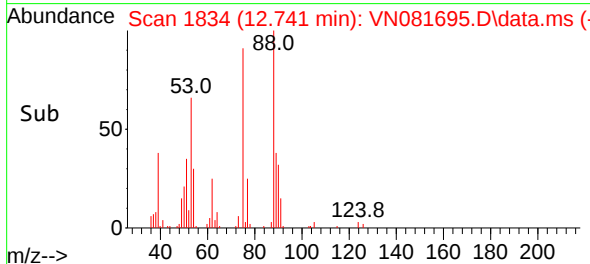
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 75 Resp: 37050
Ion Ratio Lower Upper
75 100
53 70.2 45.9 137.7
89 41.0 25.9 77.7

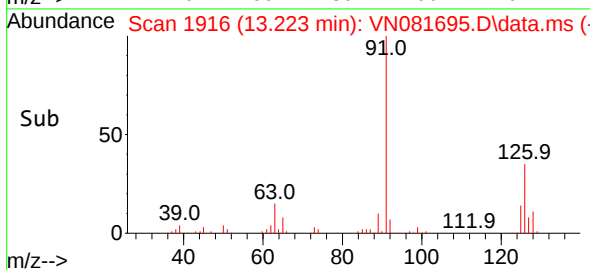
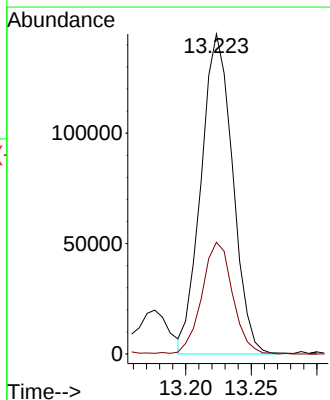
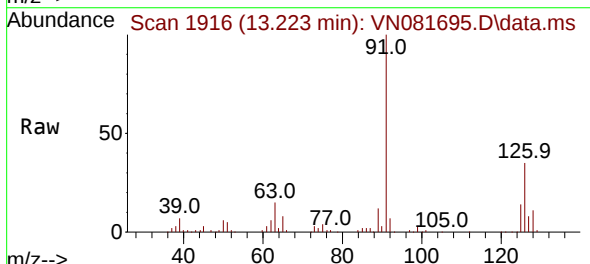
Manual Integrations
APPROVED

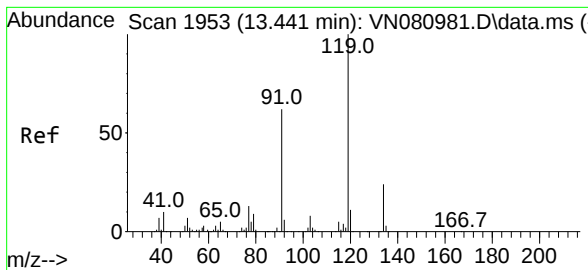
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#78
4-Chlorotoluene
Concen: 21.783 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 91 Resp: 242947
Ion Ratio Lower Upper
91 100
126 33.8 0.0 62.8





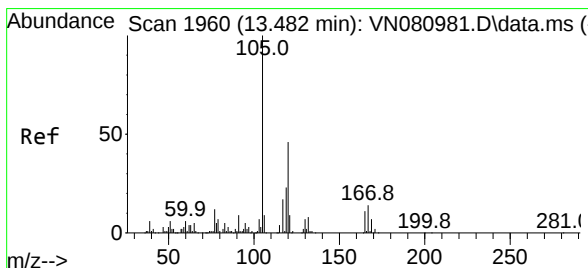
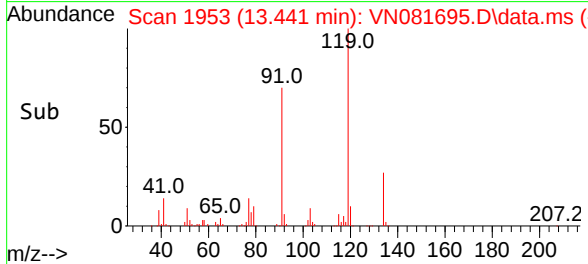
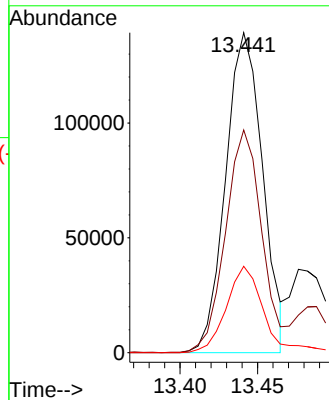
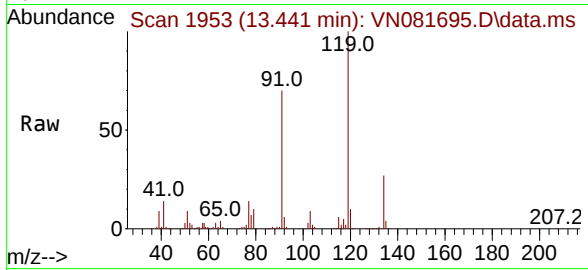
#79
tert-butylbenzene
Concen: 20.340 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:119 Resp: 231590
Ion Ratio Lower Upper
119 100
91 67.6 0.0 138.8
134 25.8 0.0 48.6

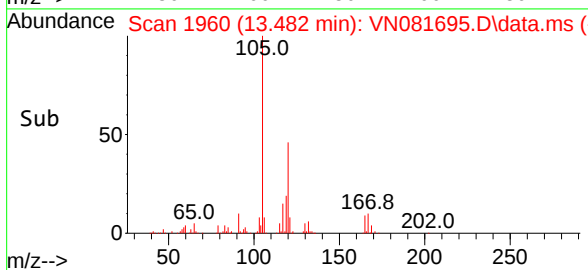
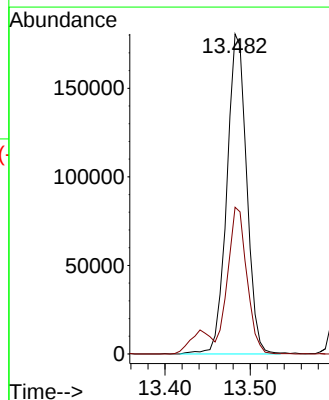
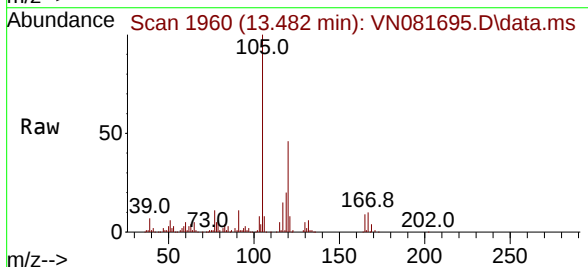
Manual Integrations
APPROVED

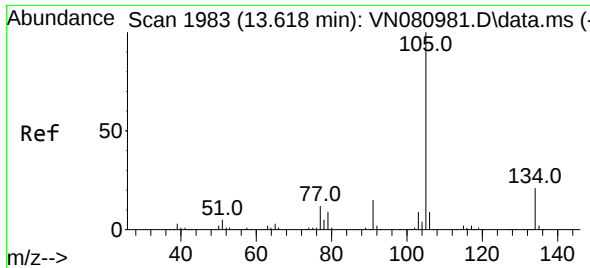
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.854 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

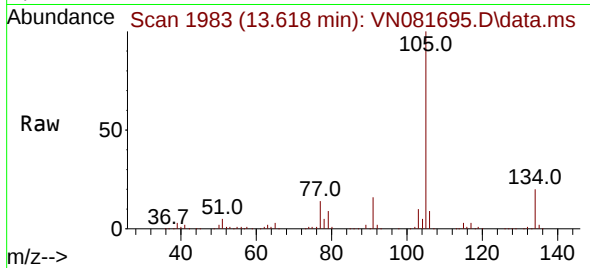
Tgt Ion:105 Resp: 291691
Ion Ratio Lower Upper
105 100
120 44.2 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 20.381 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081695.D
 Acq: 11 Apr 2024 13:38

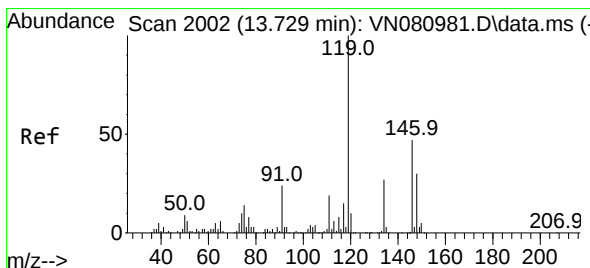
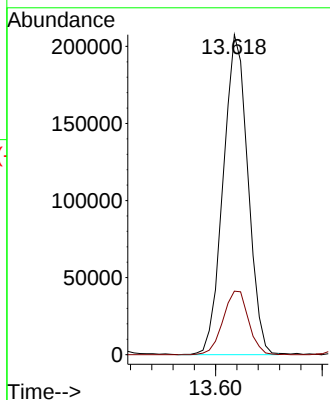
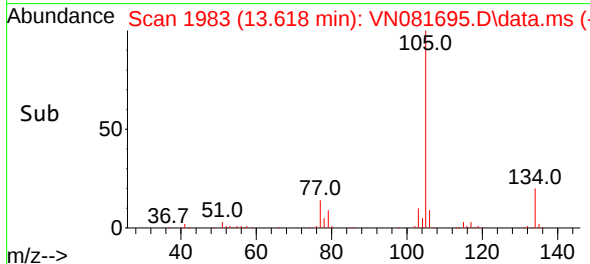
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01



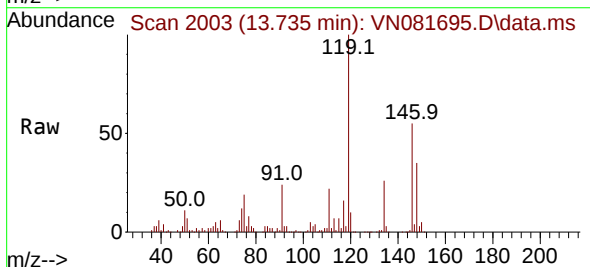
Tgt Ion:105 Resp: 334672
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 39.0

Manual Integrations
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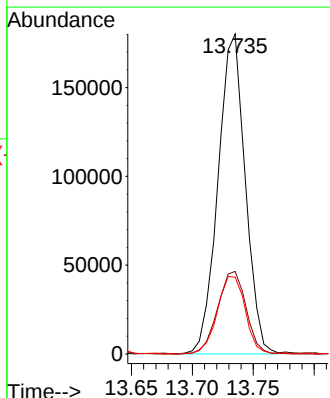
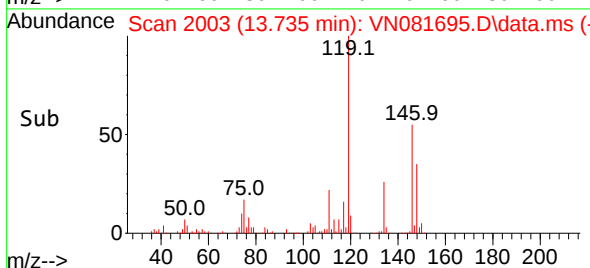
Reviewed By :John Carlone 04/12/2024
 Supervised By :Mahesh Dadoda 04/12/2024

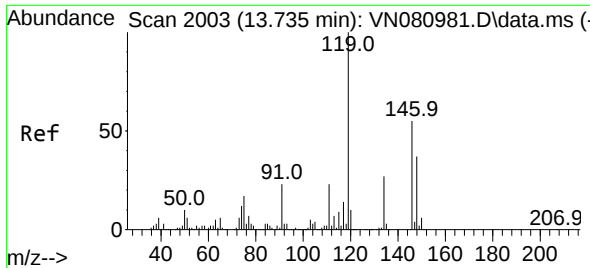


#82
 p-Isopropyltoluene
 Concen: 20.403 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081695.D
 Acq: 11 Apr 2024 13:38



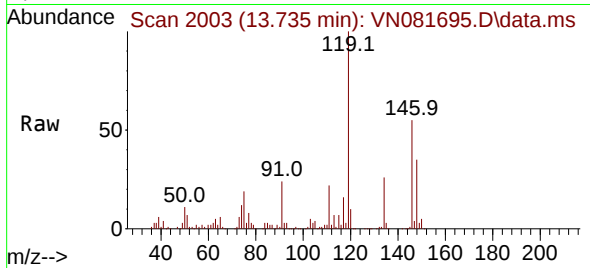
Tgt Ion:119 Resp: 280982
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 49.2
 91 24.9 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 22.744 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

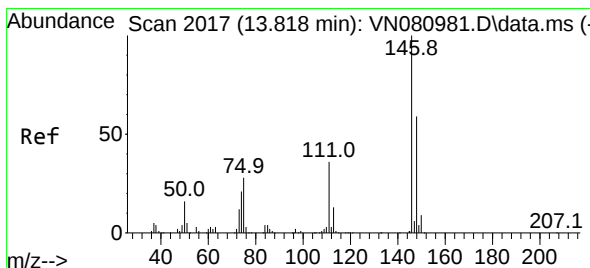
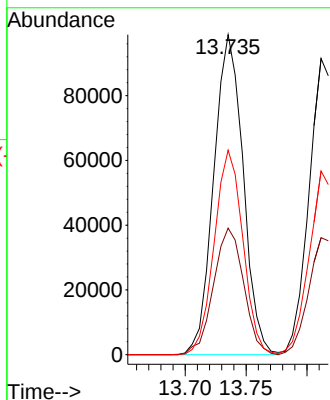
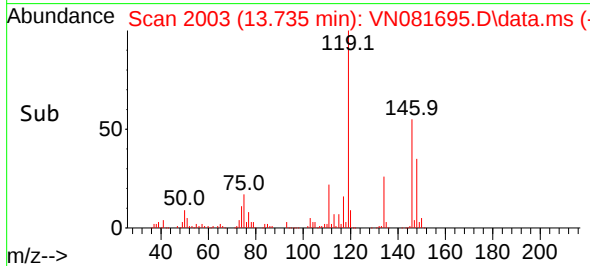
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



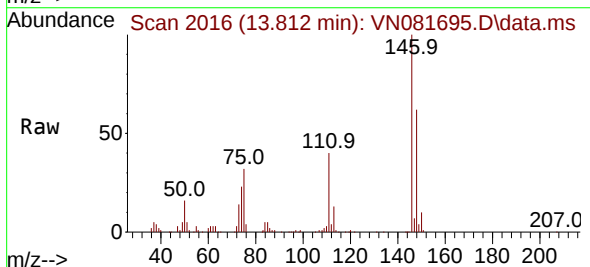
Tgt Ion:146 Resp: 166078
Ion Ratio Lower Upper
146 100
111 40.5 22.4 67.0
148 62.3 32.1 96.5

Manual Integrations
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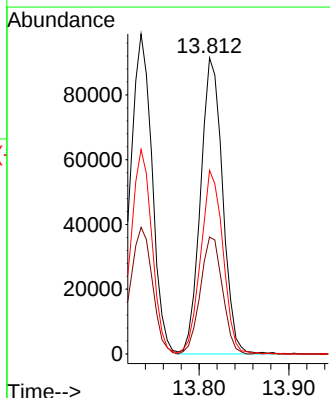
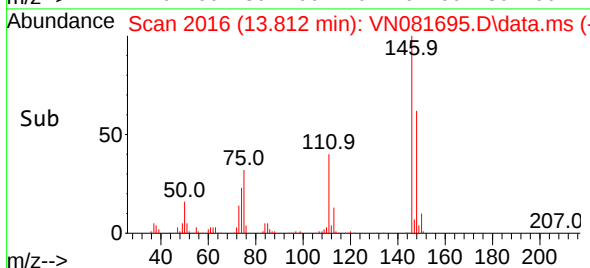
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

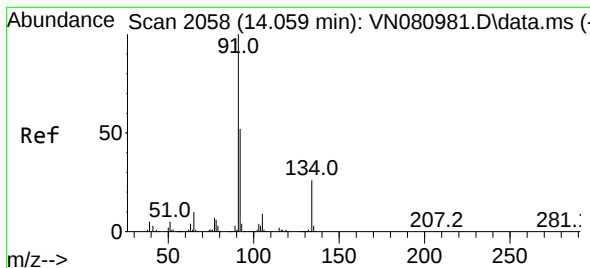


#84
1,4-Dichlorobenzene
Concen: 22.080 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38



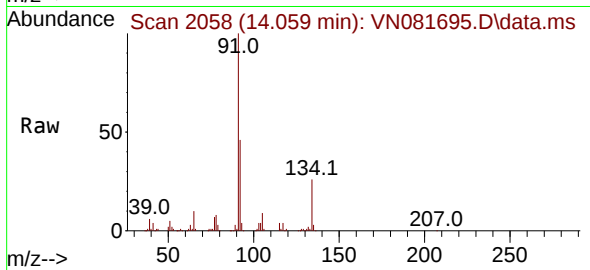
Tgt Ion:146 Resp: 156069
Ion Ratio Lower Upper
146 100
111 39.6 21.3 63.9
148 62.5 31.9 95.5





#85
n-Butylbenzene
Concen: 20.184 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

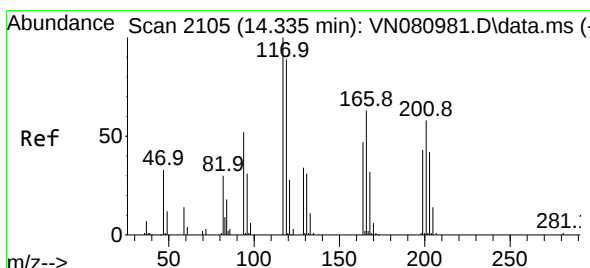
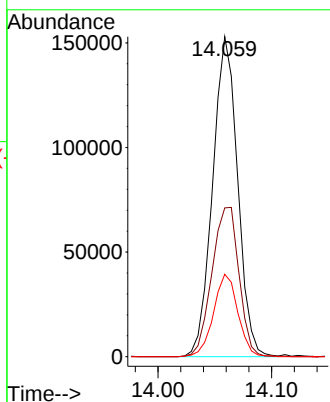
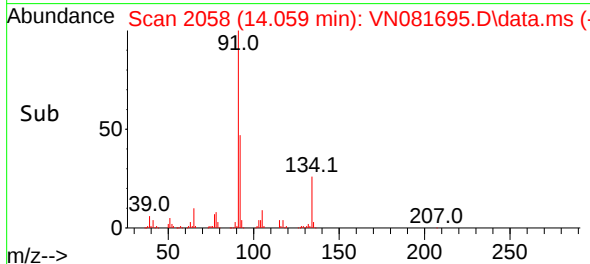
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 91 Resp: 234132
Ion Ratio Lower Upper
91 100
92 50.5 0.0 105.0
134 25.1 0.0 51.8

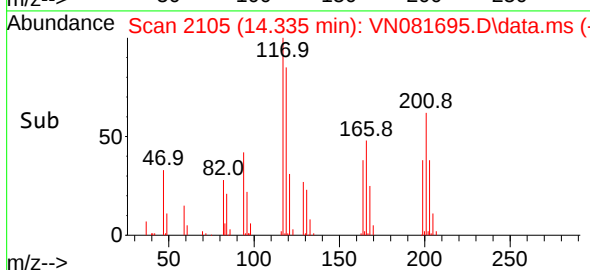
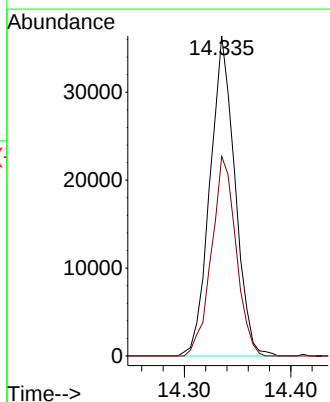
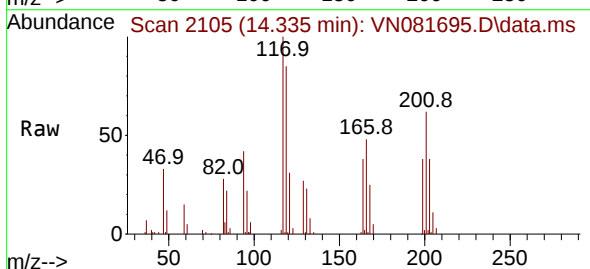
Manual Integrations
APPROVED

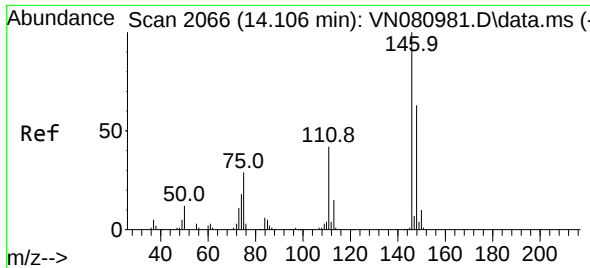
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#86
Hexachloroethane
Concen: 22.516 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion:117 Resp: 59238
Ion Ratio Lower Upper
117 100
201 61.3 38.0 114.0





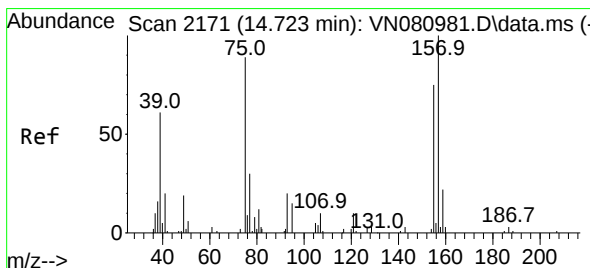
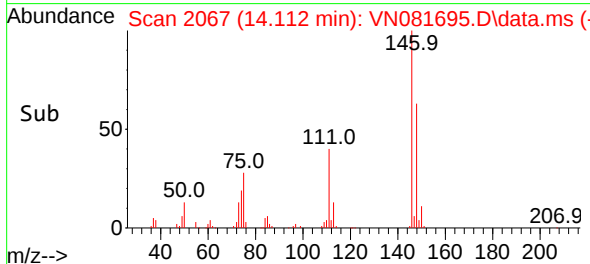
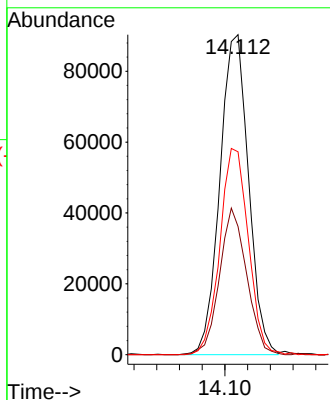
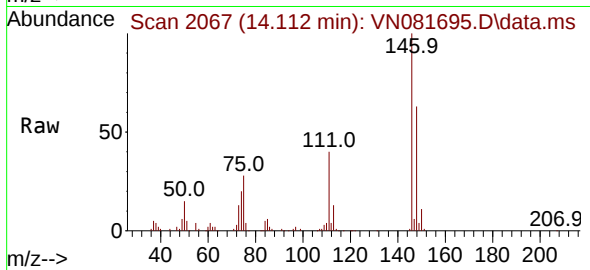
#87
1,2-Dichlorobenzene
Concen: 22.763 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:146 Resp: 158218
Ion Ratio Lower Upper
146 100
111 43.4 22.6 67.8
148 64.1 31.3 93.8

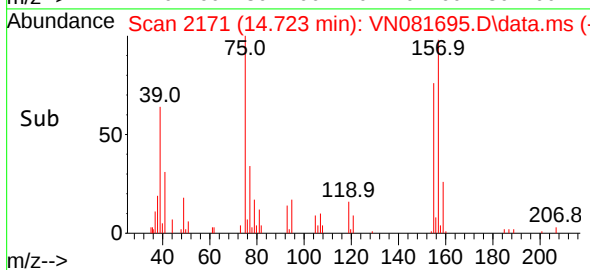
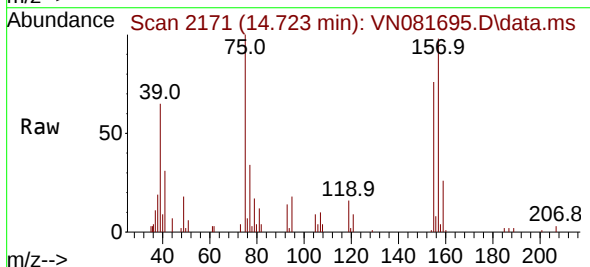
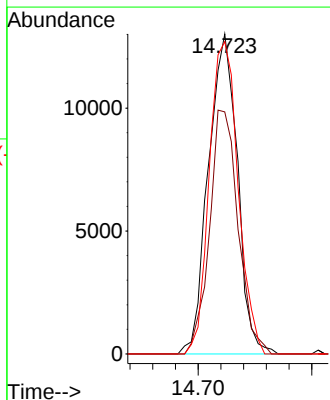
Manual Integrations
APPROVED

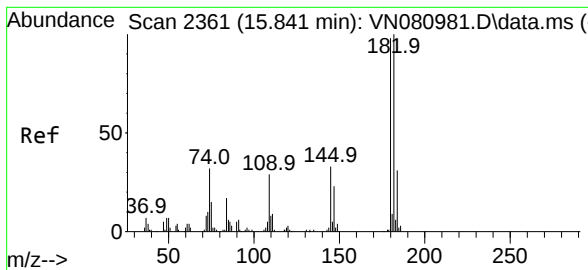
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 25.689 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

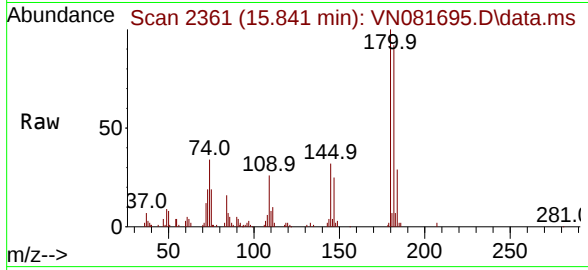
Tgt Ion: 75 Resp: 23067
Ion Ratio Lower Upper
75 100
155 75.2 61.7 92.5
157 97.0 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 21.728 ug/l
RT: 15.841 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

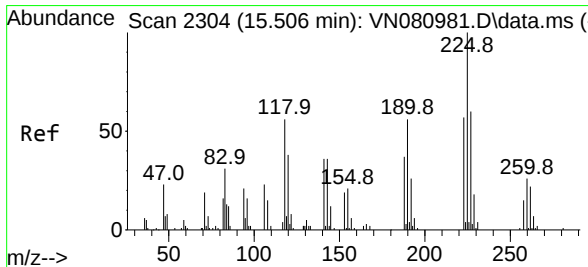
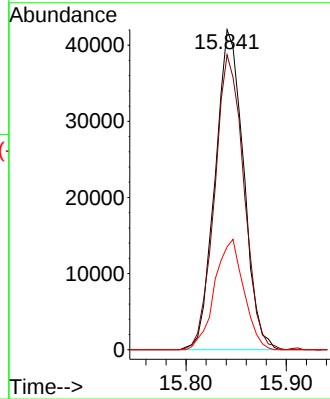
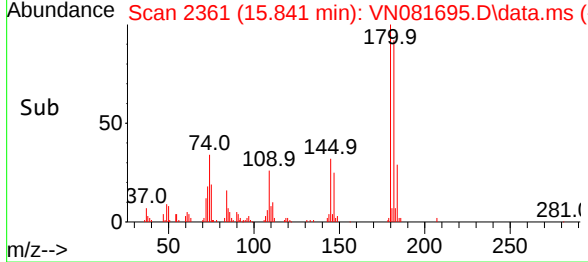
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



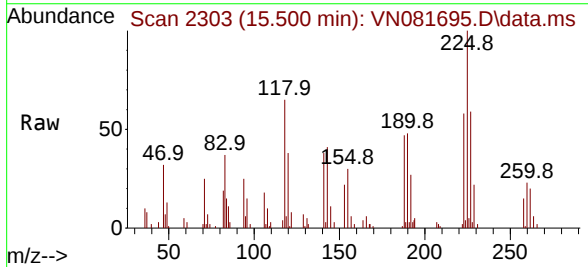
Tgt Ion:180 Resp: 82778
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 35.3 28.4 42.6

Manual Integrations
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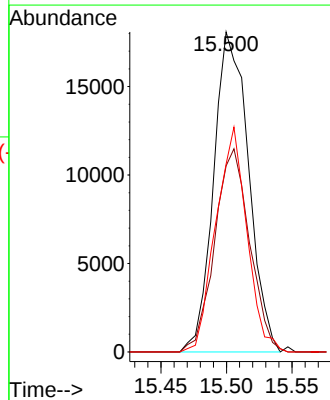
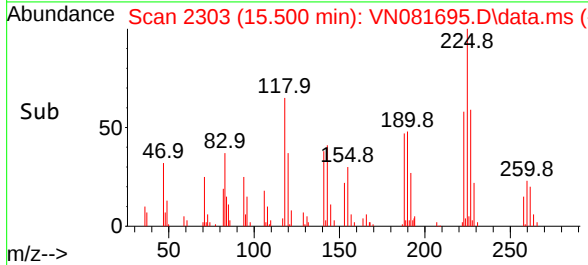
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

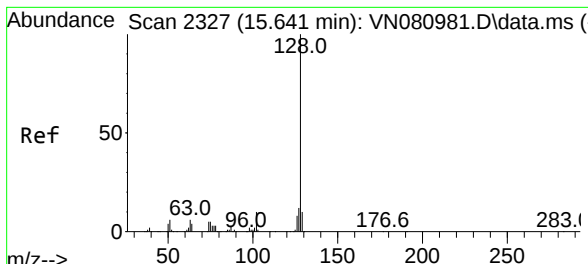


#90
Hexachlorobutadiene
Concen: 21.887 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38



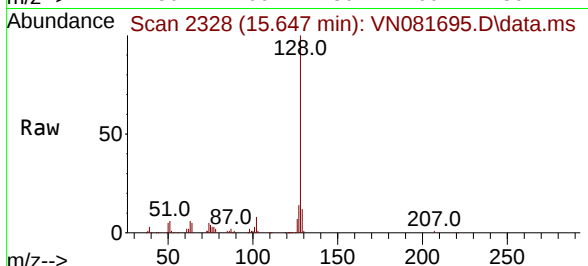
Tgt Ion:225 Resp: 33414
Ion Ratio Lower Upper
225 100
223 63.7 0.0 126.6
227 62.8 0.0 126.6





#91
Naphthalene
Concen: 21.354 ug/l
RT: 15.647 min Scan# 2132
Delta R.T. 0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

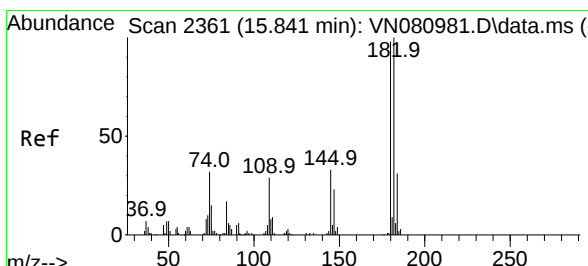
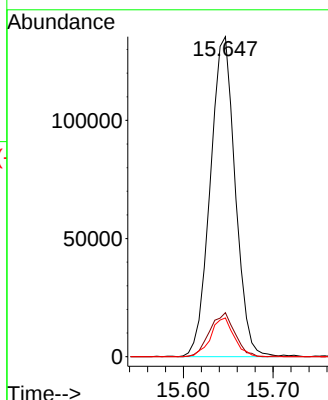
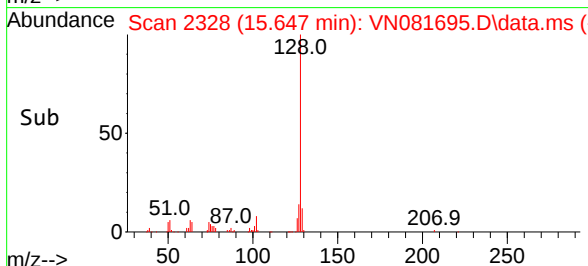
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:128 Resp: 26154
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 21.728 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081695.D
Acq: 11 Apr 2024 13:38

Tgt Ion:180 Resp: 82778
Ion Ratio Lower Upper
180 100
182 94.5 0.0 191.0
145 35.3 0.0 71.0

