

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081694.D
 Acq On : 11 Apr 2024 13:04
 Operator : JC\MD
 Sample : VN0411WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 12 06:00:00 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	7.812	128	27030	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	194826	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	258814	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	106375	32.035	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.767%			
60) 4-Bromofluorobenzene	12.853	95	157887	31.029	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.433%			
63) Toluene-d8	10.570	98	316071	30.445	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	76829	20.342	ug/l	97
3) Chloromethane	2.359	50	86007	26.247	ug/l	100
4) Vinyl Chloride	2.518	62	71019	21.077	ug/l	99
5) Bromomethane	2.959	94	48800	17.101	ug/l	93
6) Chloroethane	3.124	64	44953	17.045	ug/l	95
7) Trichlorofluoromethane	3.506	101	51463	9.303	ug/l	95
8) Diethyl Ether	3.959	74	40367	19.564	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	77576	20.440	ug/l	89
10) 1,1-Dichloroethene	4.341	96	68747	19.751	ug/l	95
11) Methyl Iodide	4.588	142	77988	19.785	ug/l	91
12) Methyl Acetate	5.018	43	65420	20.468	ug/l #	85
13) Acrolein	4.183	56	44952	106.790	ug/l	100
14) Acrylonitrile	5.718	53	169156	106.324	ug/l	97
15) Acetone	4.424	58	38609	110.339	ug/l	88
16) Carbon Disulfide	4.712	76	199362	20.143	ug/l	96
17) Allyl chloride	5.024	41	82009	19.477	ug/l	93
18) Methylene Chloride	5.277	84	81368	20.302	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	75189	19.698	ug/l	94
20) Diisopropyl ether	6.671	45	204360	20.386	ug/l	93
21) 1,1-Dichloroethane	6.571	63	139227	20.831	ug/l	98
22) cis-1,2-Dichloroethene	7.482	96	90669	19.671	ug/l	97
23) tert-Butyl Alcohol	5.524	59	58452m	103.496	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	222635	20.451	ug/l	96
25) Chloroform	7.971	83	160948	21.164	ug/l	92
26) Cyclohexane	8.259	56	108766	20.299	ug/l #	89
29) 1,1-Dichloropropene	8.376	75	106821	20.855	ug/l	98
30) 2-Butanone	7.488	43	206927	105.784	ug/l	97
31) 2,2-Dichloropropane	7.494	77	127803	20.032	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	143884	20.382	ug/l	99
33) Carbon Tetrachloride	8.359	117	129116	20.178	ug/l	94
34) Benzene	8.606	78	335493	20.333	ug/l	96
35) Methacrylonitrile	7.782	41	45639m	20.598	ug/l	
36) 1,2-Dichloroethane	8.676	62	112714	20.827	ug/l	98
37) Trichloroethene	9.353	130	87051	19.937	ug/l	96
38) Methylcyclohexane	9.600	83	117508	18.770	ug/l	96
39) 1,2-Dichloropropane	9.623	63	79707	20.707	ug/l	96
40) Dibromomethane	9.706	93	65262	21.284	ug/l	92
41) Bromodichloromethane	9.888	83	129028	20.635	ug/l	99
42) Vinyl Acetate	6.606	43	815542	100.080	ug/l	98

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 Supervised By :Mahesh Dadoda 04/12/2024

Quant Time: Apr 12 06:00:00 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)
43) Ethyl Acetate	7.553	43	86799	20.134	ug/l	99
44) Isopropyl Acetate	8.688	43	152204	21.071	ug/l	93
45) 1,4-Dioxane	9.694	88	36830	461.875	ug/l	94
46) Methyl methacrylate	9.682	41	66983	20.620	ug/l	91
47) n-amyl Acetate	12.494	43	131684	20.316	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	117912	19.794	ug/l	91
49) cis-1,3-Dichloropropene	10.318	75	130048	20.272	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	83314	20.292	ug/l	94
51) Ethyl methacrylate	10.876	69	110968	19.411	ug/l	95
52) 1,3-Dichloropropane	11.165	76	137489	20.430	ug/l	100
53) Dibromochloromethane	11.359	129	99602	20.308	ug/l	100
54) 1,2-Dibromoethane	11.476	107	84231	19.848	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	283766	101.080	ug/l	98
56) Bromoform	12.582	173	65067	20.748	ug/l #	94
58) 4-Methyl-2-Pentanone	10.447	43	484614	108.882	ug/l	94
59) 2-Hexanone	11.200	43	367753	110.020	ug/l	92
61) Tetrachloroethene	11.106	164	94931	19.795	ug/l	96
62) Toluene	10.629	91	379629	20.162	ug/l	97
64) Chlorobenzene	11.894	112	234516	19.642	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.964	131	84238	19.423	ug/l	95
66) Ethyl Benzene	11.964	91	386721	19.317	ug/l	98
67) m/p-Xylenes	12.076	106	322898	40.719	ug/l	95
68) o-Xylene	12.400	106	150069	19.935	ug/l	95
69) Styrene	12.412	104	253035	19.736	ug/l	97
70) Isopropylbenzene	12.700	105	388548	20.006	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	109132	21.511	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	89544m	19.065	ug/l	
73) Bromobenzene	12.982	156	97812	20.325	ug/l	95
74) n-propylbenzene	13.041	91	466471	20.066	ug/l	97
75) 2-Chlorotoluene	13.129	91	282630	20.407	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	334799	20.310	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	40944	21.050	ug/l	89
78) 4-Chlorotoluene	13.223	91	287722	20.945	ug/l	92
79) tert-butylbenzene	13.441	119	278154	19.834	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	346704	21.090	ug/l	99
81) sec-Butylbenzene	13.617	105	414887	20.514	ug/l	100
82) p-Isopropyltoluene	13.729	119	342662	20.202	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	193836	21.552	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	184726	21.218	ug/l	98
85) n-Butylbenzene	14.058	91	288708	20.207	ug/l	97
86) Hexachloroethane	14.335	117	67549	20.845	ug/l	89
87) 1,2-Dichlorobenzene	14.111	146	183690	21.457	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	23298	21.066	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	96819	20.634	ug/l	99
90) Hexachlorobutadiene	15.505	225	37297	19.835	ug/l	93
91) Naphthalene	15.647	128	295398	19.581	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	96819	20.634	ug/l	99

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

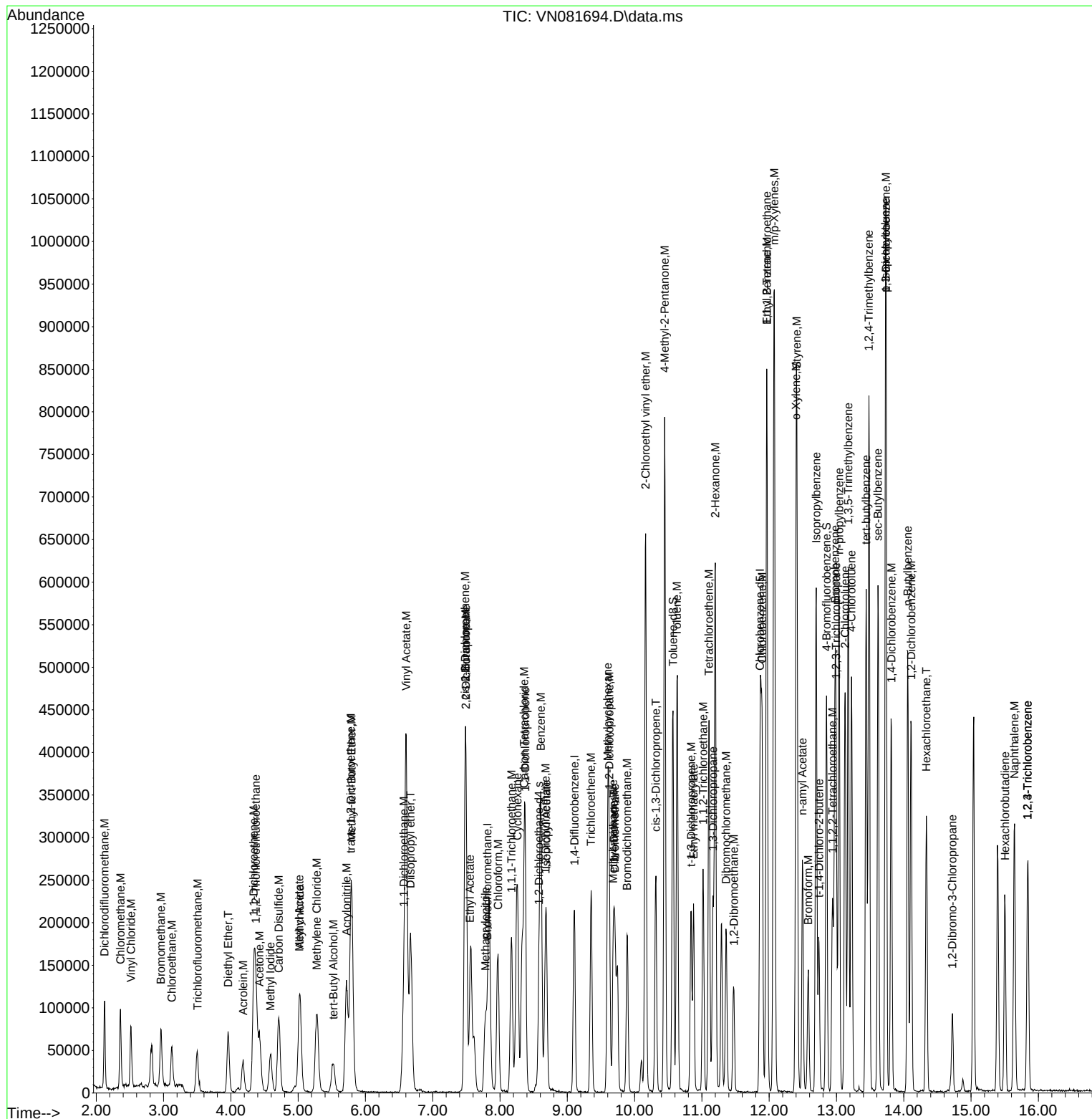
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
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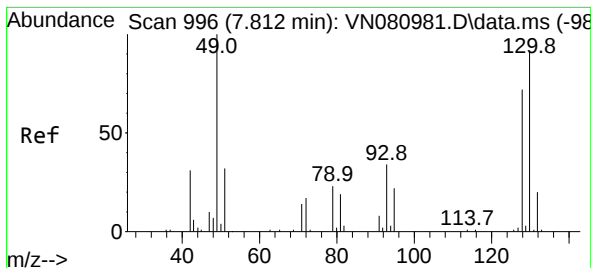
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Manual Integrations
APPROVED

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

Quant Time: Apr 12 06:00:00 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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.012 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

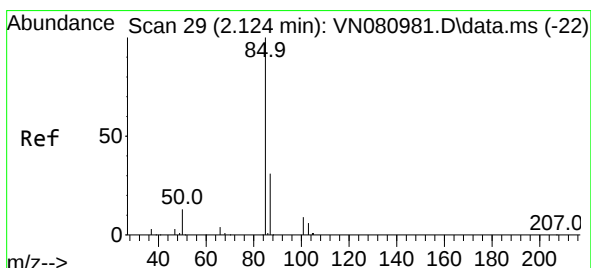
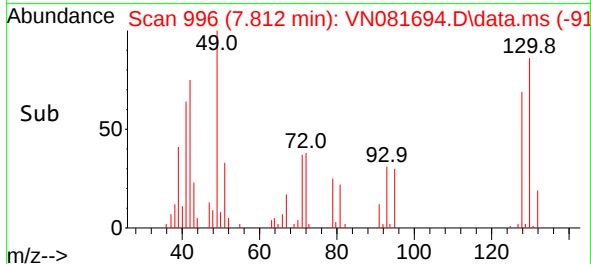
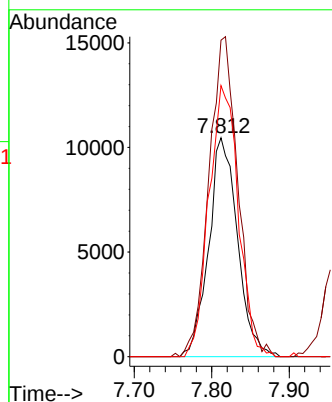
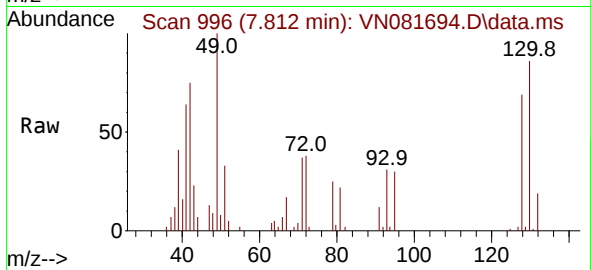
Tgt Ion:	128	Resp:	27030
Ion Ratio	Lower	Upper	
128	100		
49	145.7	0.0	403.7
130	126.7	0.0	323.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#2

Dichlorodifluoromethane

Concen: 20.342 ug/l

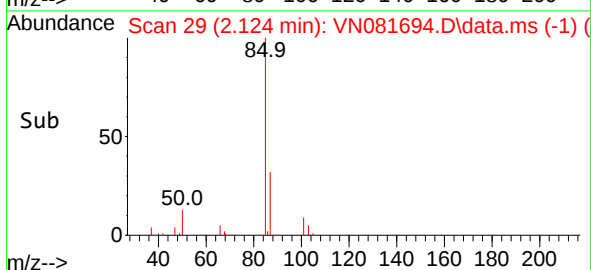
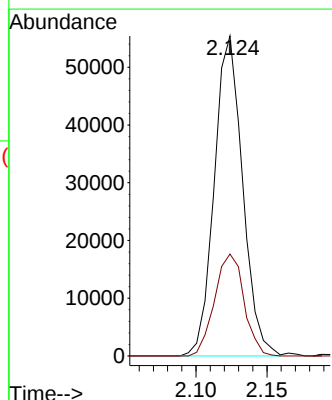
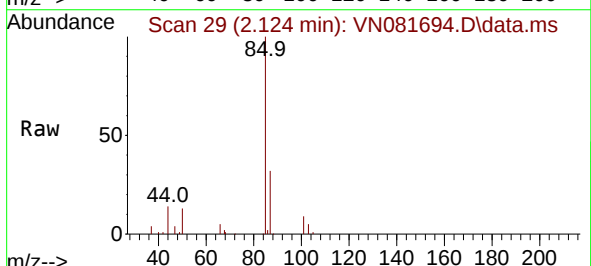
RT: 2.124 min Scan# 29

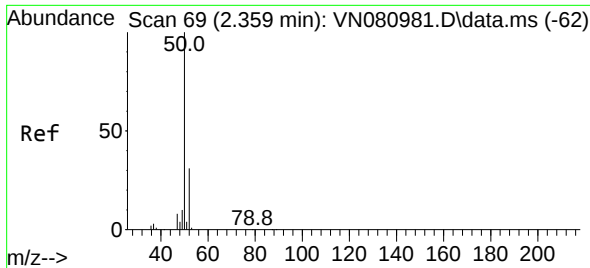
Delta R.T. -0.000 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

Tgt Ion:	85	Resp:	76829
Ion Ratio	Lower	Upper	
85	100		
87	31.9	16.8	50.3





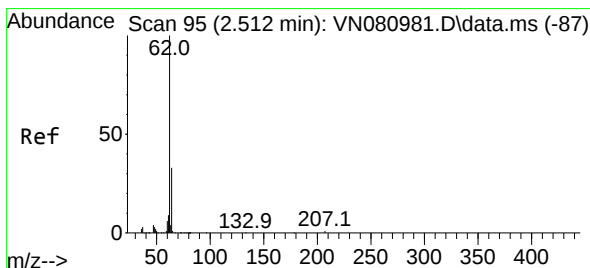
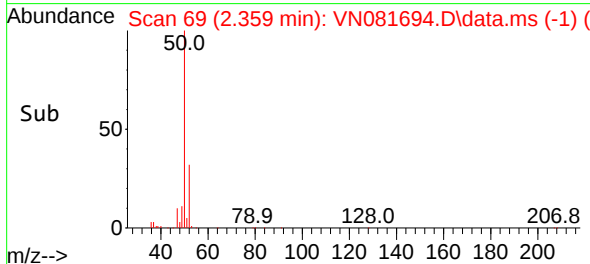
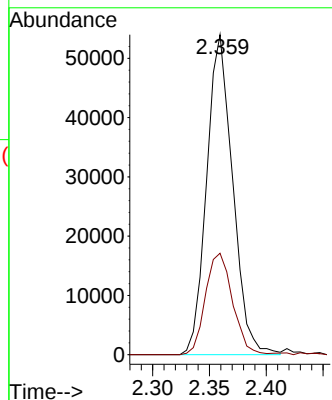
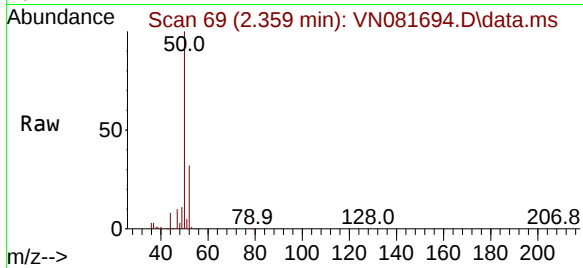
#3
Chloromethane
Concen: 26.247 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 8600
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

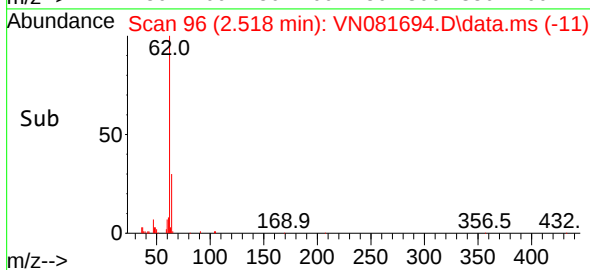
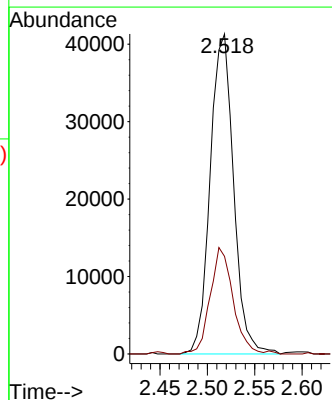
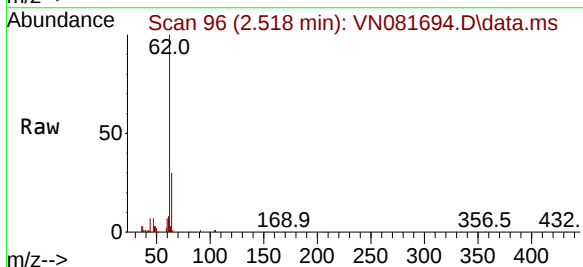
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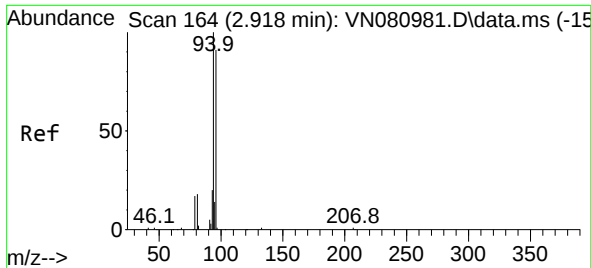
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#4
Vinyl Chloride
Concen: 21.077 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

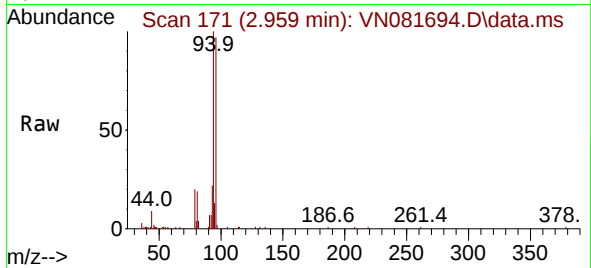
Tgt Ion: 62 Resp: 71019
Ion Ratio Lower Upper
62 100
64 30.5 24.1 36.1





#5
Bromomethane
Concen: 17.101 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

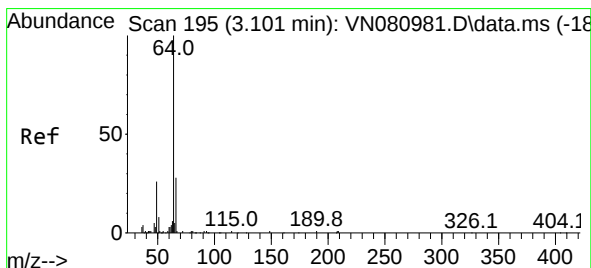
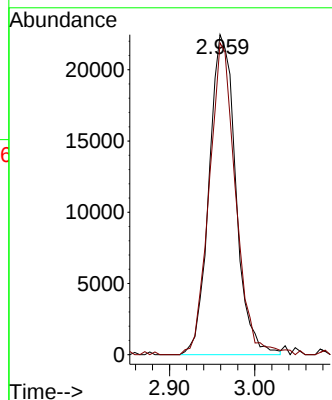
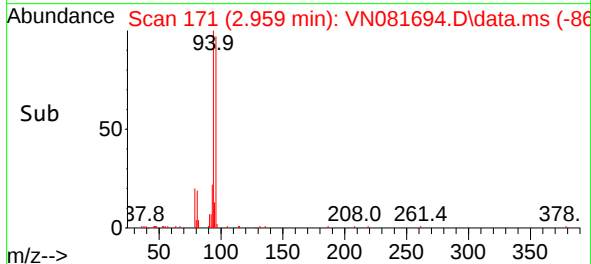
Instrument :
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Tgt Ion: 94 Resp: 48800
Ion Ratio Lower Upper
94 100
96 97.5 72.8 109.2

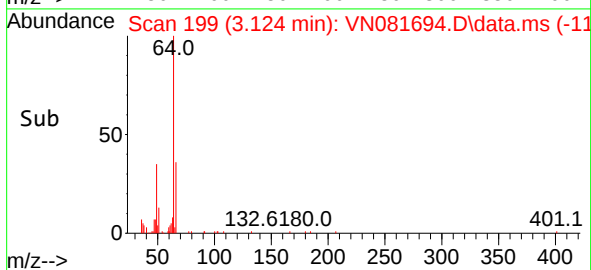
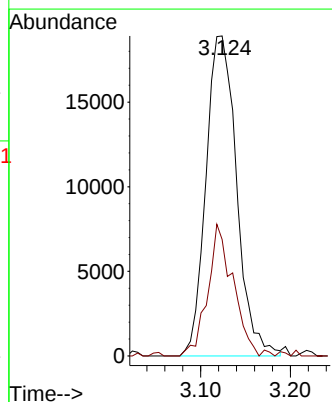
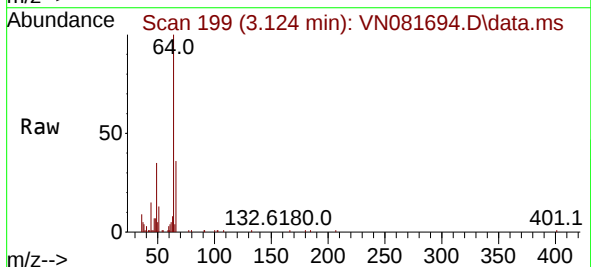
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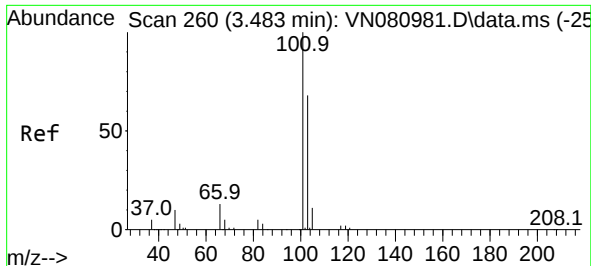
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#6
Chloroethane
Concen: 17.045 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion: 64 Resp: 44953
Ion Ratio Lower Upper
64 100
66 36.4 26.7 40.1





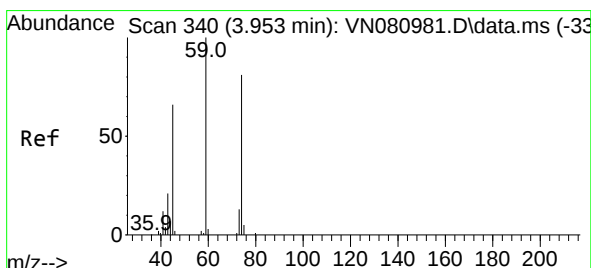
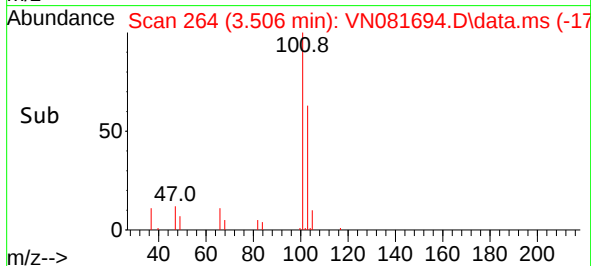
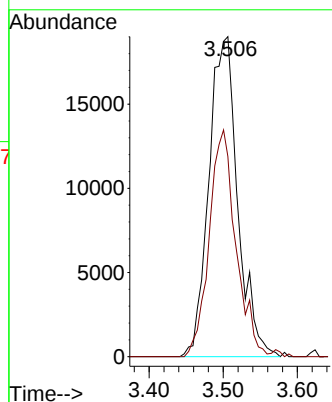
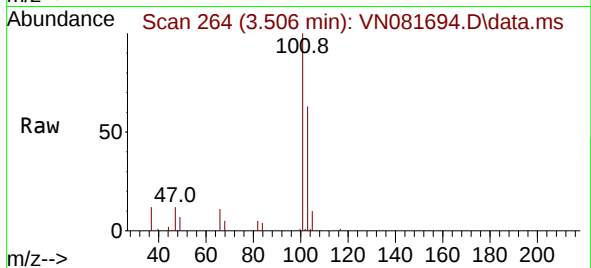
#7
Trichlorofluoromethane
Concen: 9.303 ug/l
RT: 3.506 min Scan# 260
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
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ClientSampleId :
VN0411WBS01

Tgt Ion:101 Resp: 5146
Ion Ratio Lower Upper
101 100
103 62.6 53.0 79.4

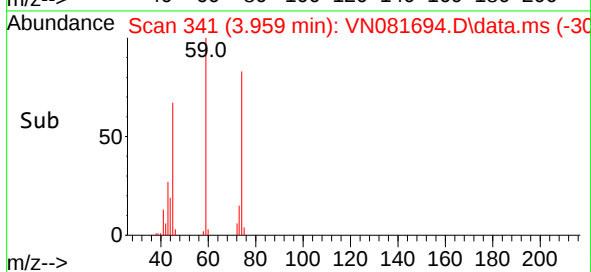
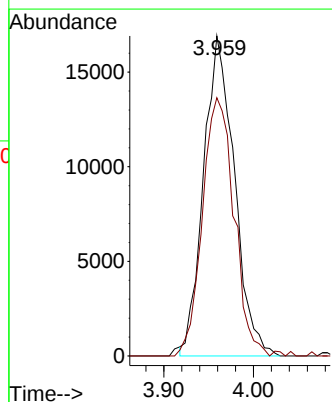
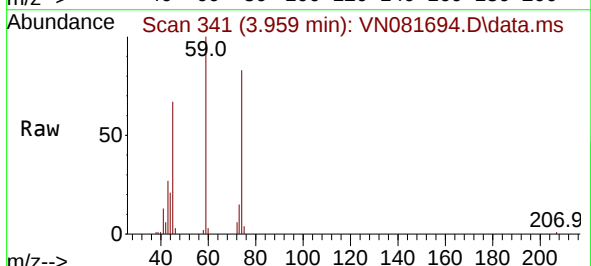
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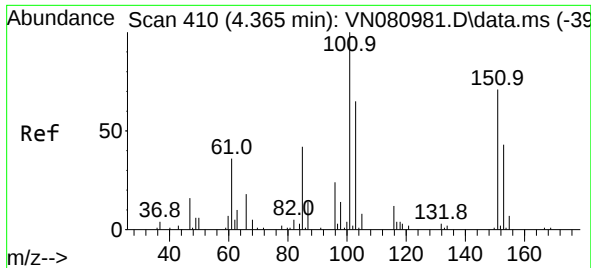
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#8
Diethyl Ether
Concen: 19.564 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion: 74 Resp: 40367
Ion Ratio Lower Upper
74 100
45 82.6 16.4 147.4





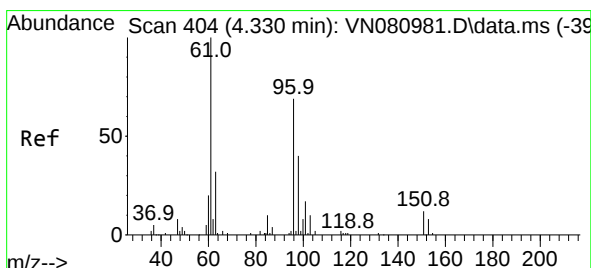
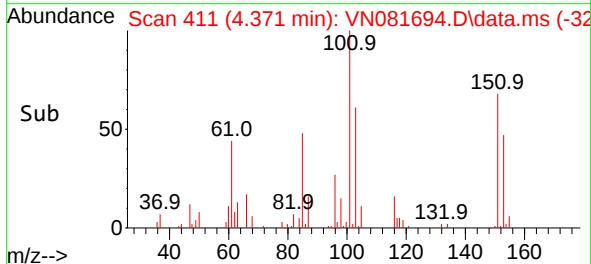
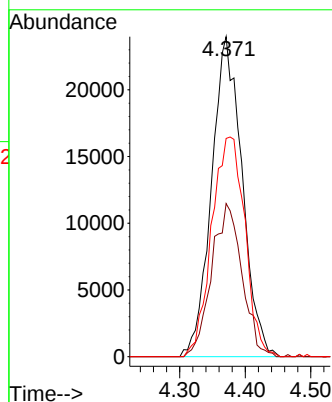
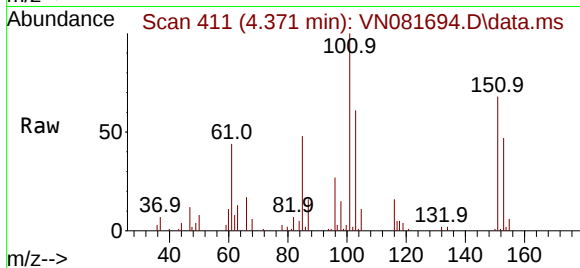
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.440 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:101 Resp: 77570
Ion Ratio Lower Upper
101 100
85 31.6 0.0 90.6
151 74.6 0.0 157.6

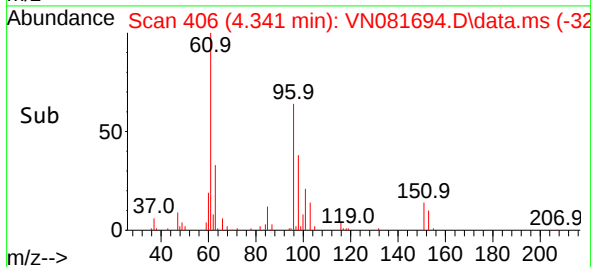
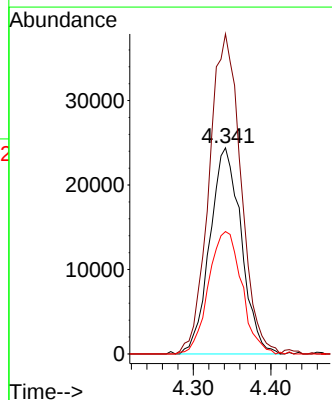
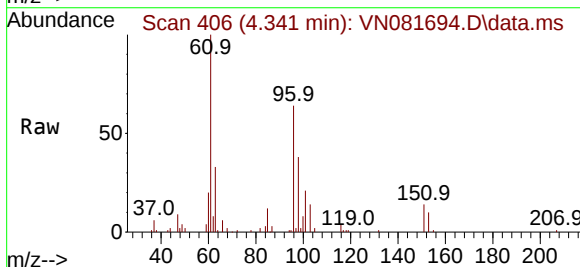
Manual Integrations
APPROVED

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



#10
1,1-Dichloroethene
Concen: 19.751 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

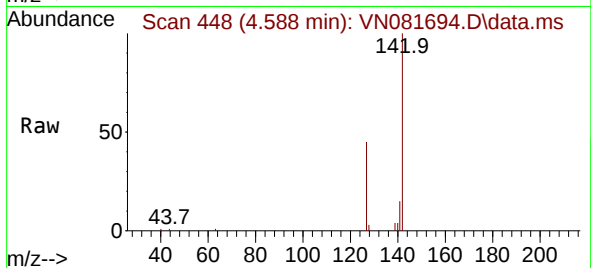
Tgt Ion: 96 Resp: 68747
Ion Ratio Lower Upper
96 100
61 155.3 117.6 176.4
98 58.5 48.4 72.6





#11
Methyl Iodide
Concen: 19.785 ug/l
RT: 4.588 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

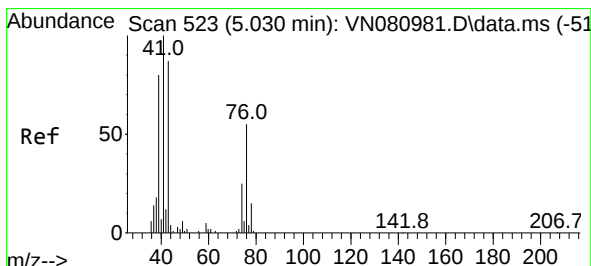
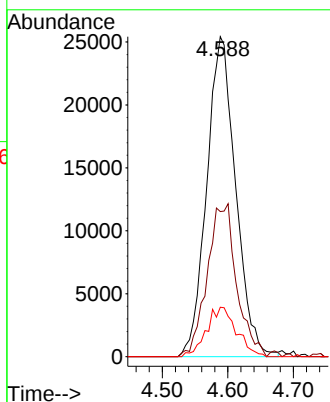
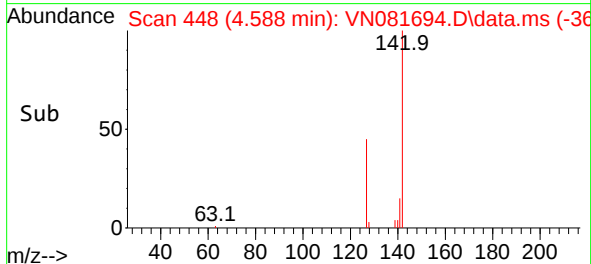
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion:142 Resp: 77988
Ion Ratio Lower Upper
142 100
127 45.0 26.3 78.9
141 15.6 8.3 24.9

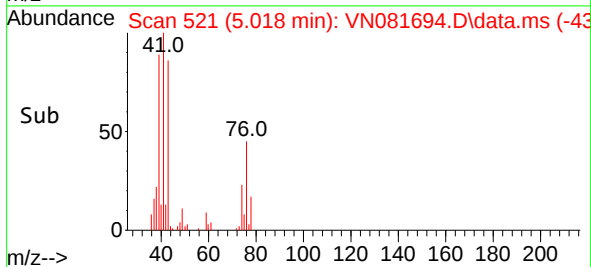
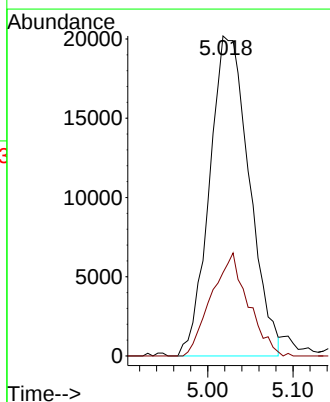
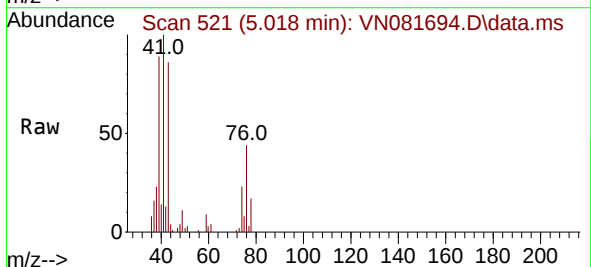
Manual Integrations
APPROVED

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



#12
Methyl Acetate
Concen: 20.468 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

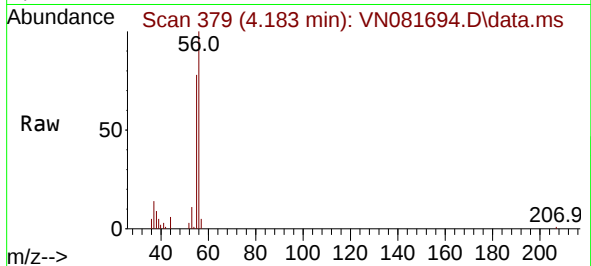
Tgt Ion: 43 Resp: 65420
Ion Ratio Lower Upper
43 100
74 26.2 27.7 41.5#





#13
Acrolein
Concen: 106.790 ug/l
RT: 4.183 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

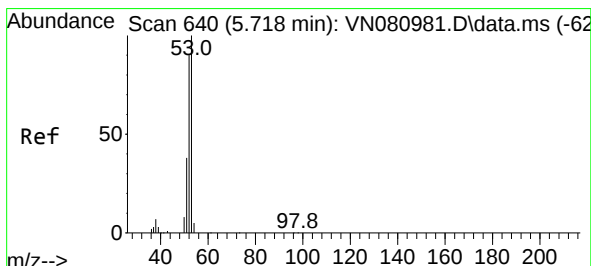
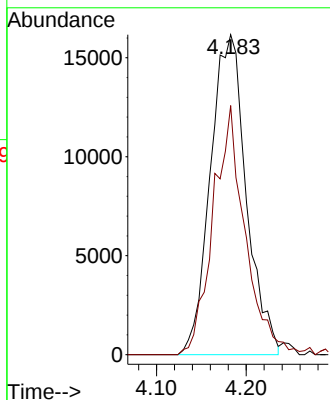
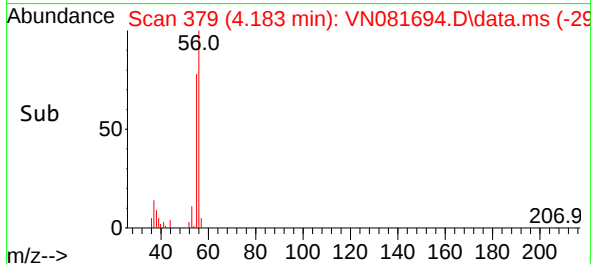
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 56 Resp: 44952
Ion Ratio Lower Upper
56 100
55 69.3 55.5 83.3

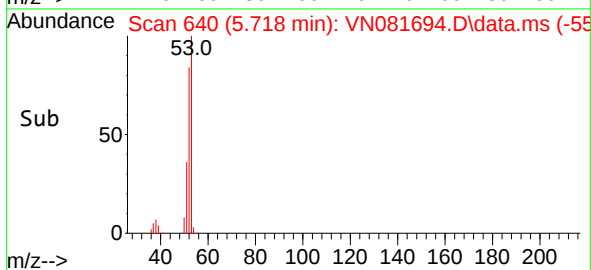
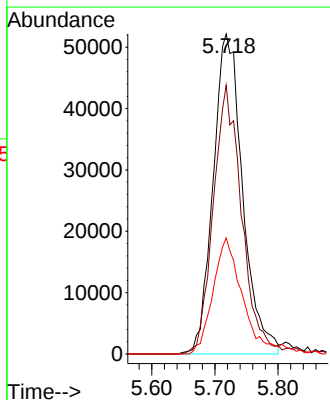
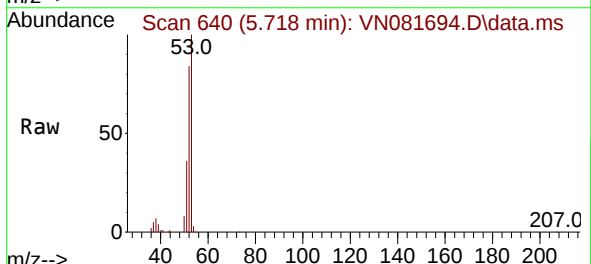
Manual Integrations
APPROVED

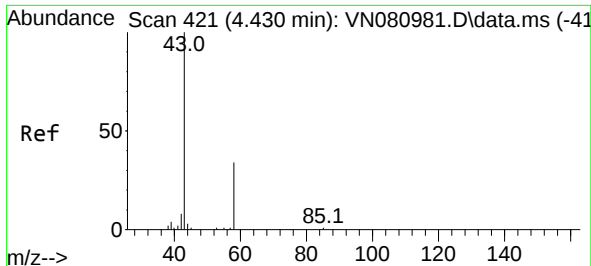
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#14
Acrylonitrile
Concen: 106.324 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion: 53 Resp: 169156
Ion Ratio Lower Upper
53 100
52 80.1 41.3 123.9
51 35.8 16.8 50.3





#15

Acetone

Concen: 110.339 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

Tgt Ion: 58 Resp: 38609

Ion Ratio Lower Upper

58 100

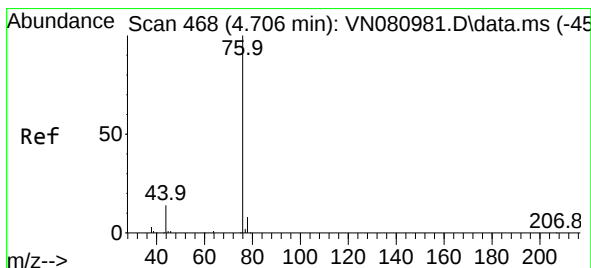
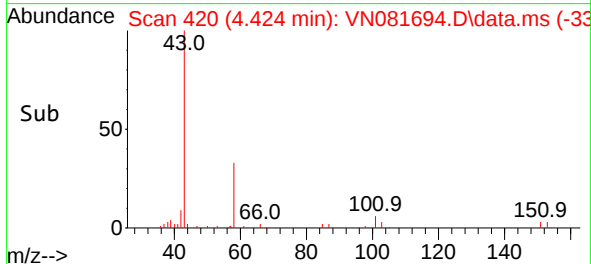
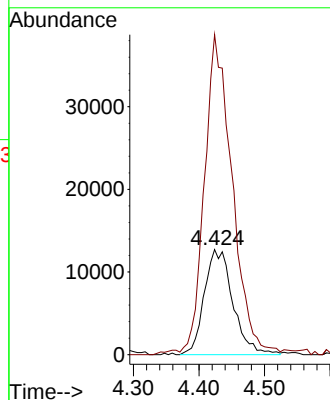
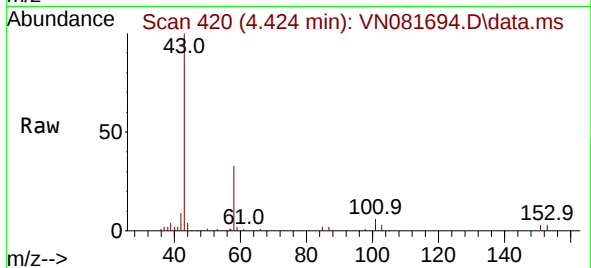
43 301.8 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#16

Carbon Disulfide

Concen: 20.143 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN081694.D

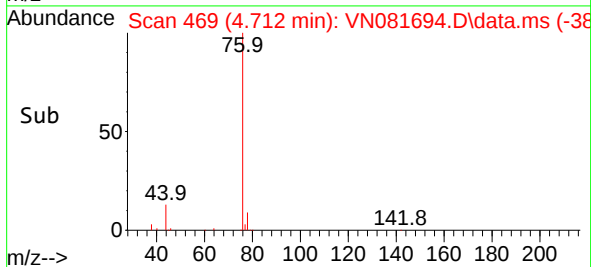
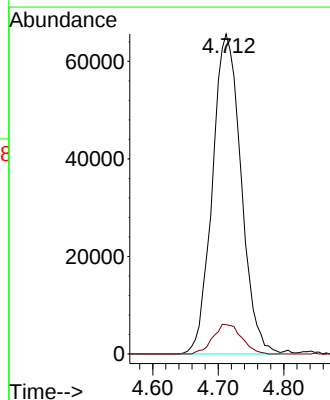
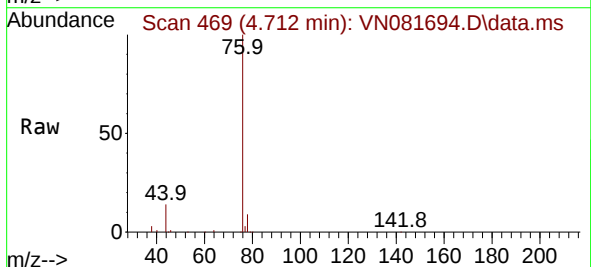
Acq: 11 Apr 2024 13:04

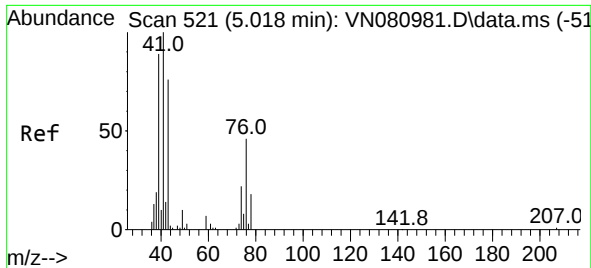
Tgt Ion: 76 Resp: 199362

Ion Ratio Lower Upper

76 100

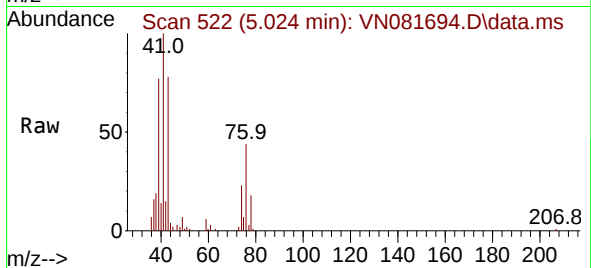
78 9.1 6.3 9.5





#17
 Allyl chloride
 Concen: 19.477 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN081694.D
 Acq: 11 Apr 2024 13:04

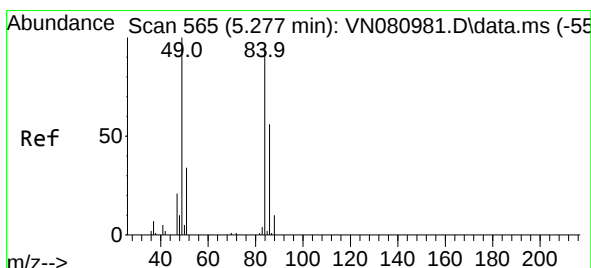
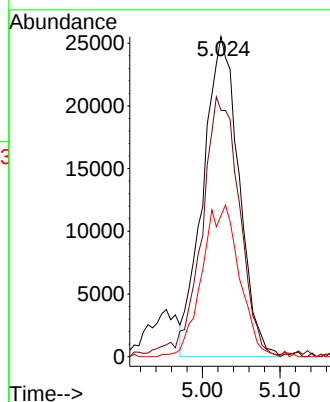
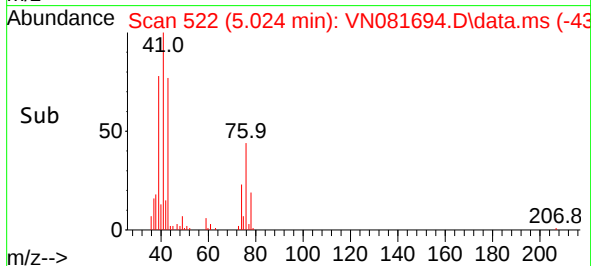
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01



Tgt Ion: 41 Resp: 82009
 Ion Ratio Lower Upper
 41 100
 39 76.3 37.6 112.9
 76 44.1 27.8 83.4

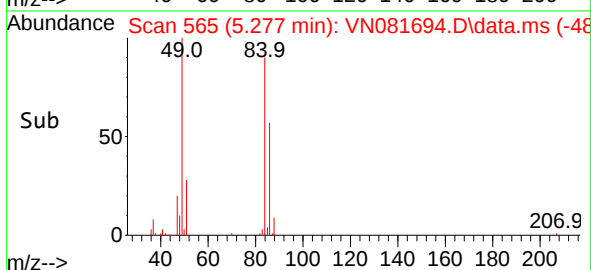
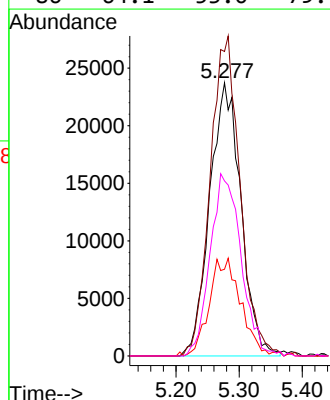
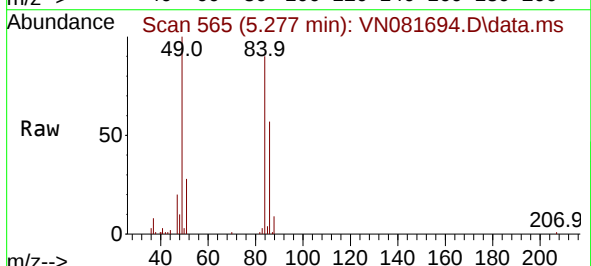
Manual Integrations
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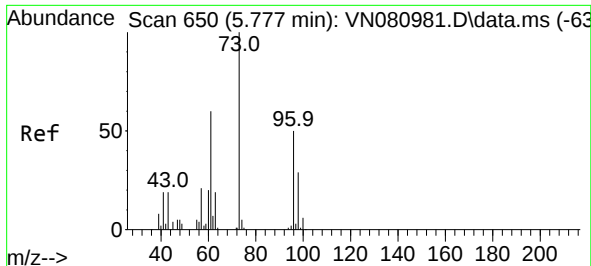
Reviewed By :John Carlone 04/12/2024
 Supervised By :Mahesh Dadoda 04/12/2024



#18
 Methylene Chloride
 Concen: 20.302 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN081694.D
 Acq: 11 Apr 2024 13:04

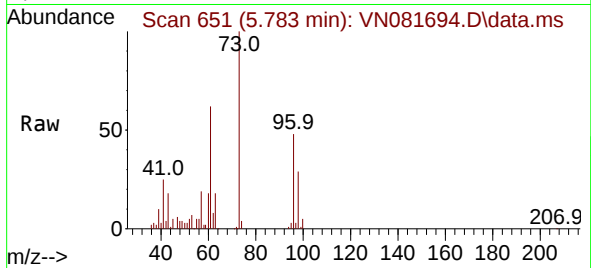
Tgt Ion: 84 Resp: 81368
 Ion Ratio Lower Upper
 84 100
 49 111.5 86.0 129.0
 51 30.5 30.0 45.0
 86 64.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.698 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

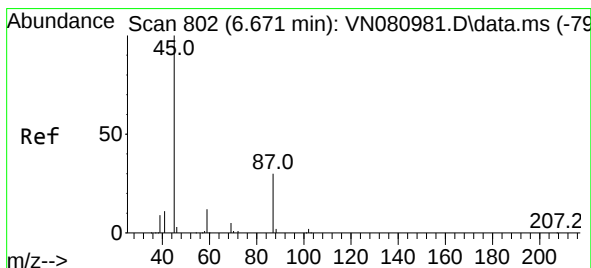
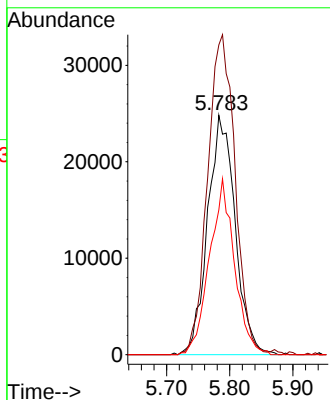
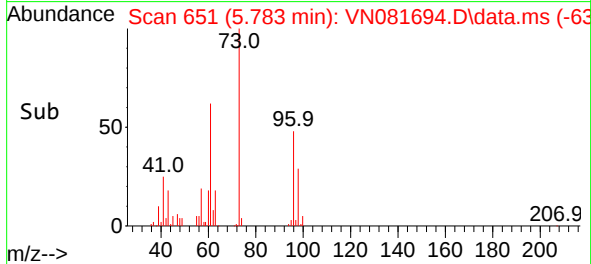
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 96 Resp: 75189
Ion Ratio Lower Upper
96 100
61 129.4 111.8 167.6
98 60.5 49.2 73.8

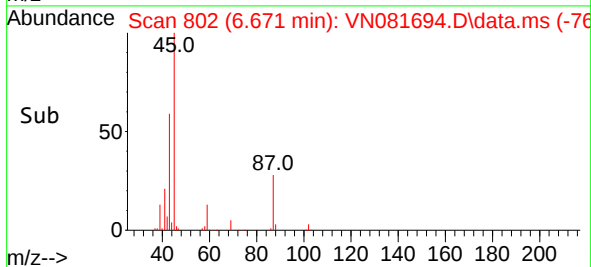
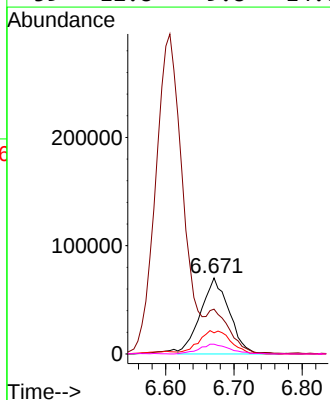
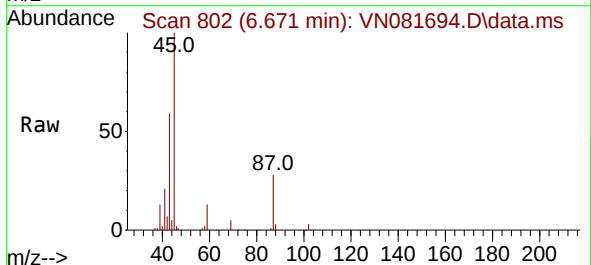
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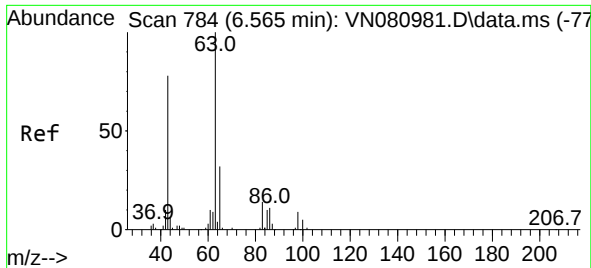
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#20
Diisopropyl ether
Concen: 20.386 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion: 45 Resp: 204360
Ion Ratio Lower Upper
45 100
43 58.0 40.4 60.6
87 27.9 23.8 35.8
59 12.8 9.8 14.6





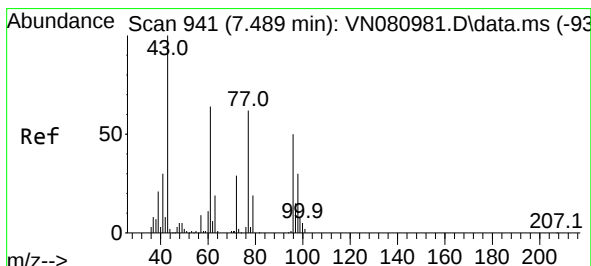
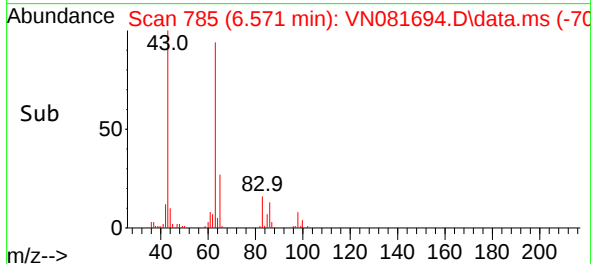
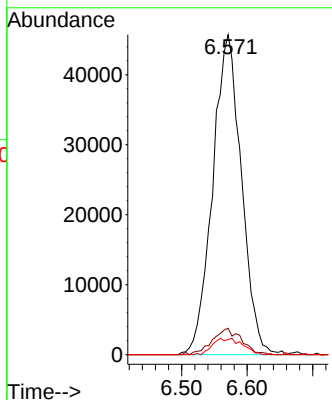
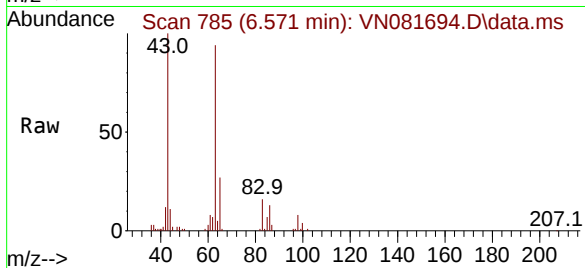
#21
1,1-Dichloroethane
Concen: 20.831 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 63 Resp: 13922
Ion Ratio Lower Upper
63 100
98 8.2 4.1 12.3
100 4.7 3.0 9.0

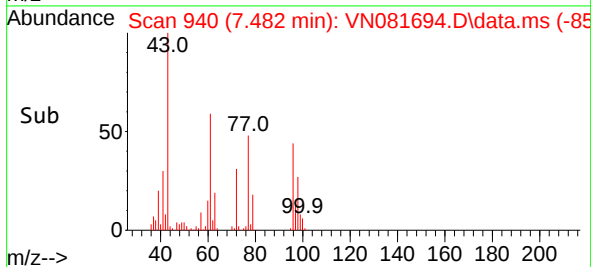
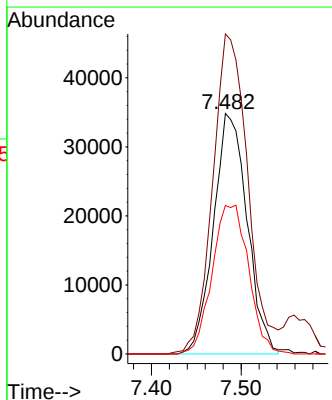
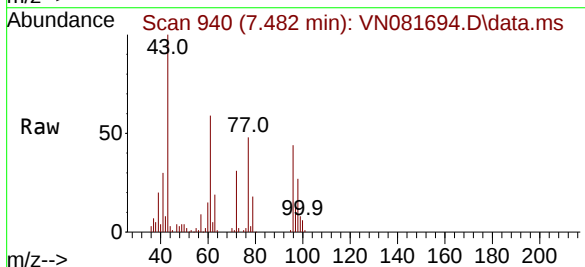
Manual Integrations
APPROVED

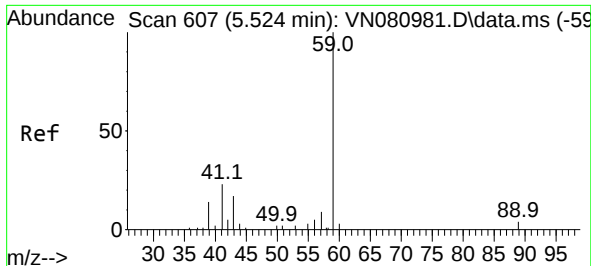
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#22
cis-1,2-Dichloroethene
Concen: 19.671 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

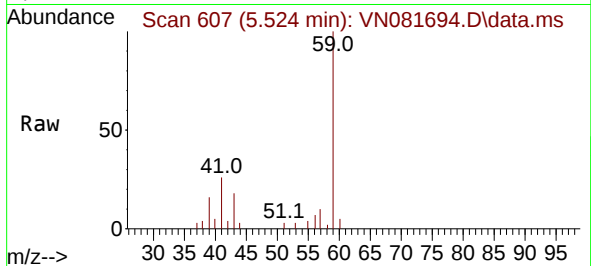
Tgt Ion: 96 Resp: 90669
Ion Ratio Lower Upper
96 100
61 138.5 113.5 170.3
98 67.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 103.496 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

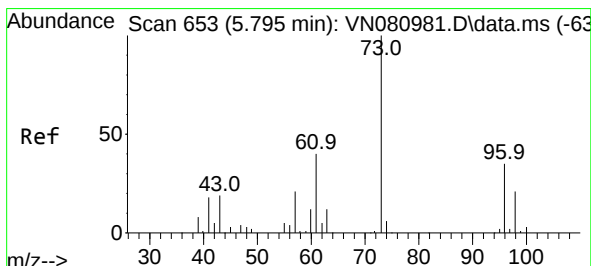
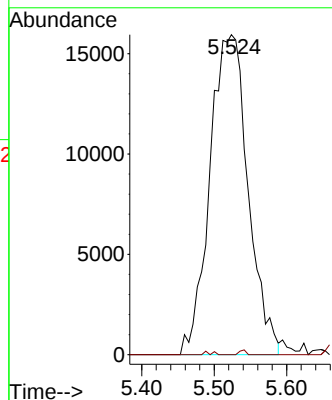
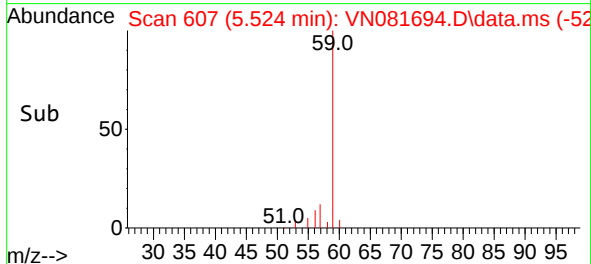
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



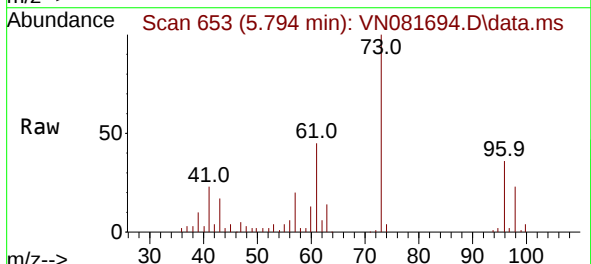
Tgt Ion: 59 Resp: 58452
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

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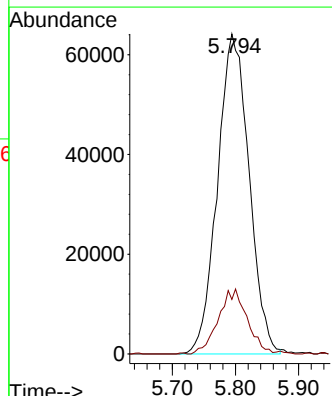
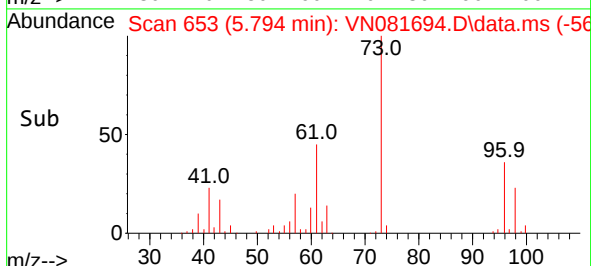
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

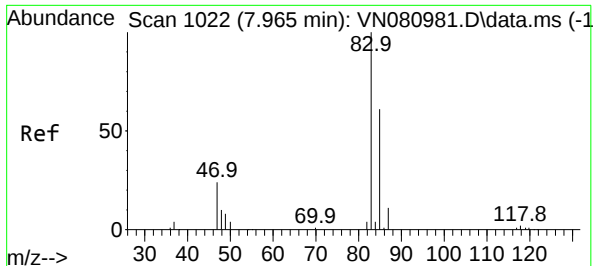


#24
Methyl tert-Butyl Ether
Concen: 20.451 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



Tgt Ion: 73 Resp: 222635
Ion Ratio Lower Upper
73 100
43 18.5 13.4 20.2





#25

Chloroform

Concen: 21.164 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

Tgt Ion: 83 Resp: 160948

Ion Ratio Lower Upper

83 100

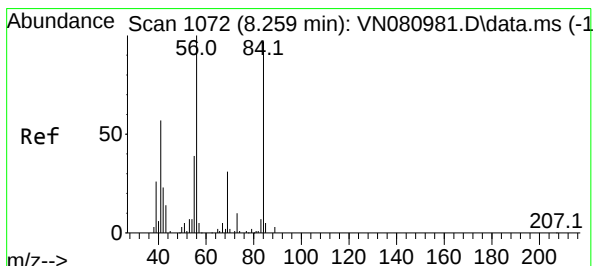
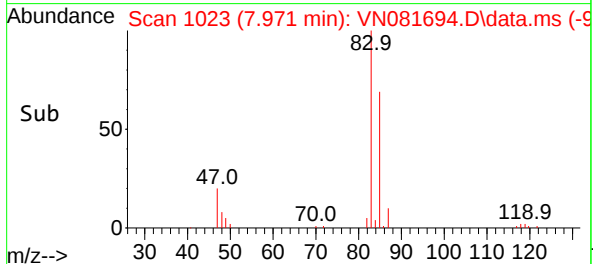
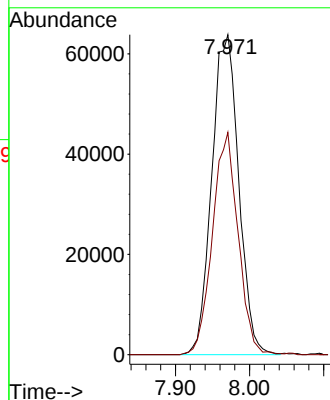
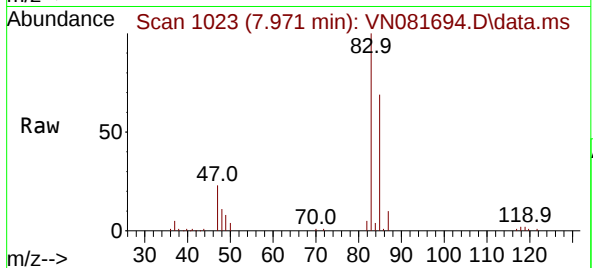
85 69.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#26

Cyclohexane

Concen: 20.299 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

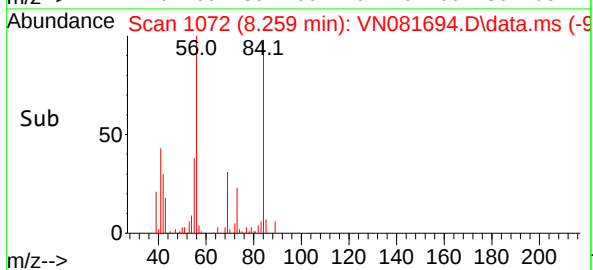
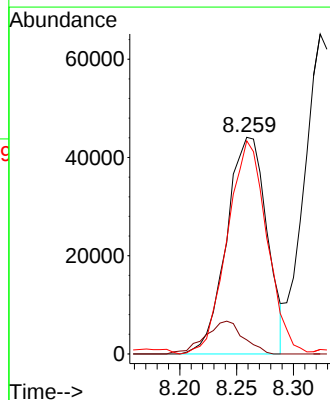
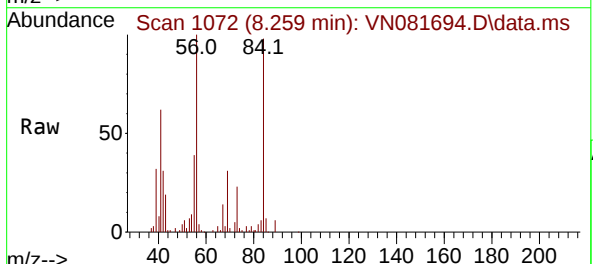
Tgt Ion: 56 Resp: 108766

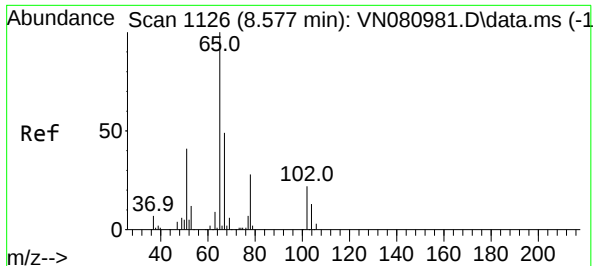
Ion Ratio Lower Upper

56 100

89 14.1 19.3 28.9#

84 96.9 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 32.035 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

Tgt Ion: 65 Resp: 10637

Ion Ratio Lower Upper

65 100

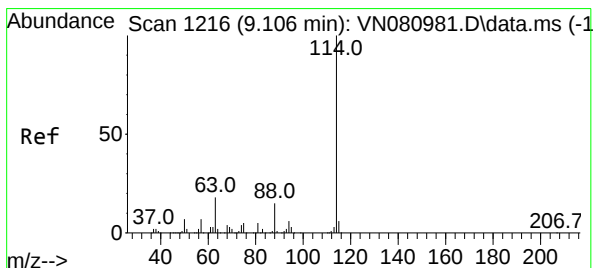
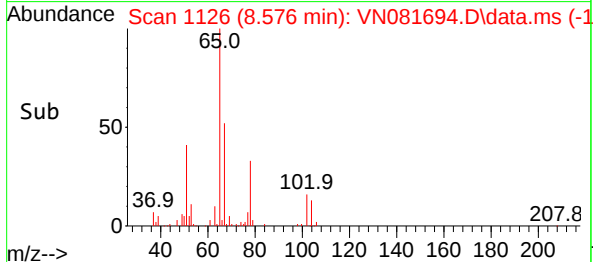
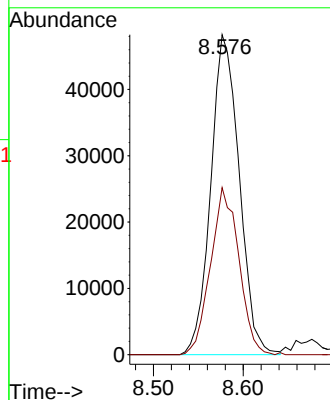
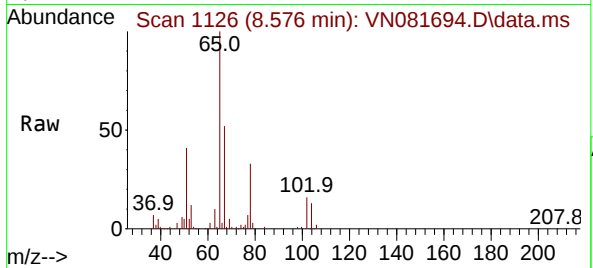
67 51.8 43.2 64.8

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: VN081694.D

Acq: 11 Apr 2024 13:04

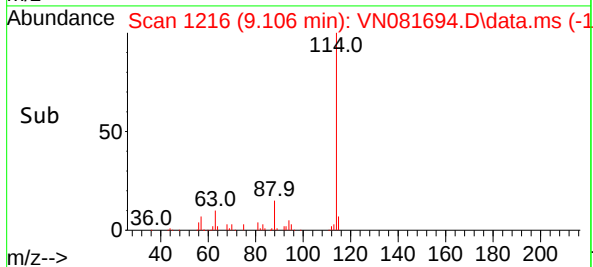
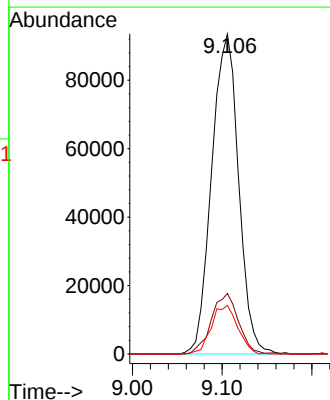
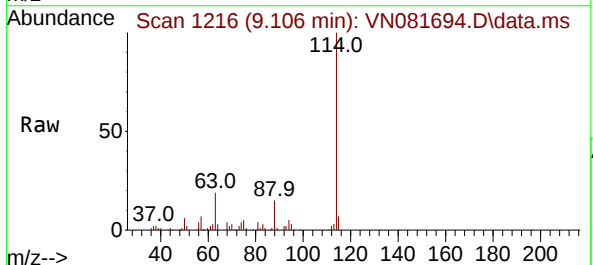
Tgt Ion:114 Resp: 194826

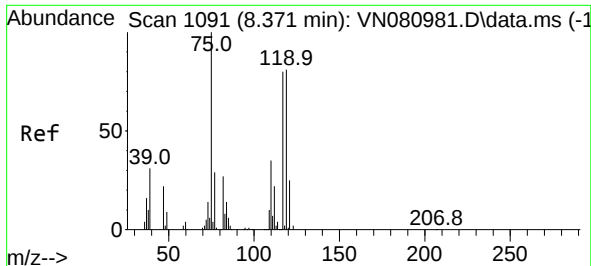
Ion Ratio Lower Upper

114 100

63 18.9 15.9 23.9

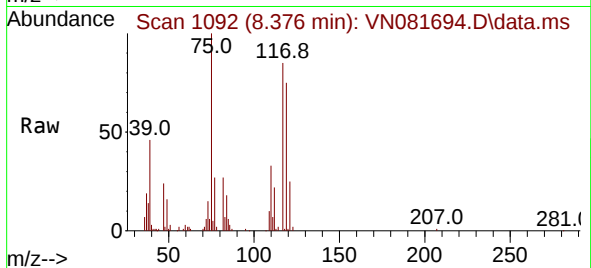
88 14.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.855 ug/l
RT: 8.376 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

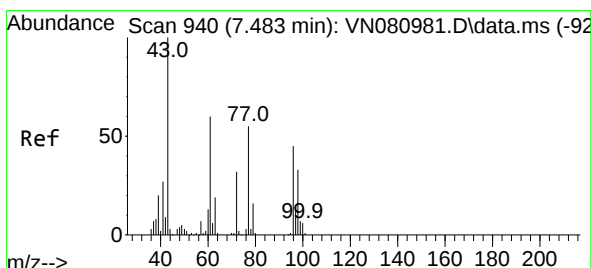
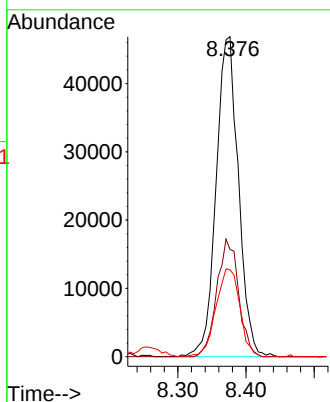
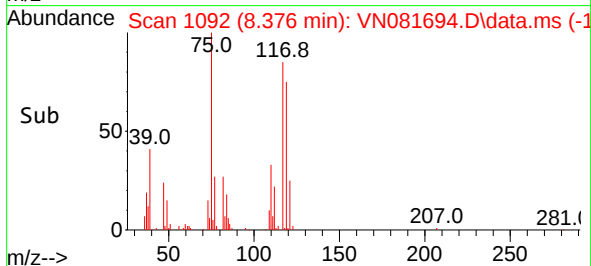
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 75 Resp: 10682
Ion Ratio Lower Upper
75 100
110 35.7 0.0 70.2
77 29.4 0.0 61.4

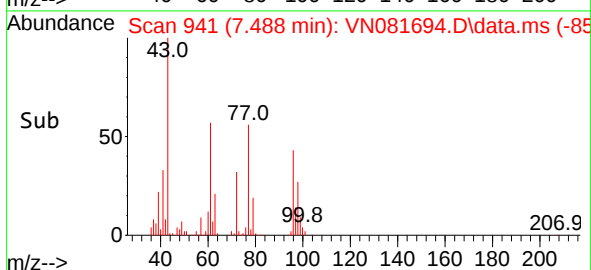
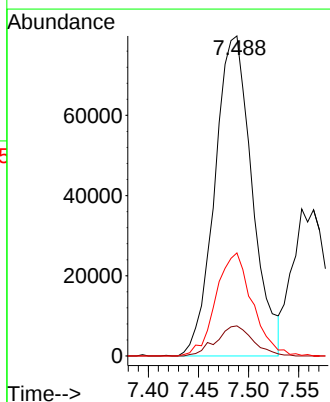
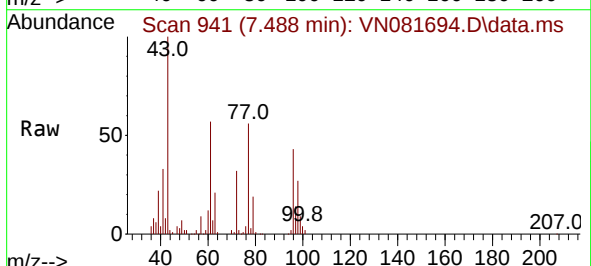
Manual Integrations
APPROVED

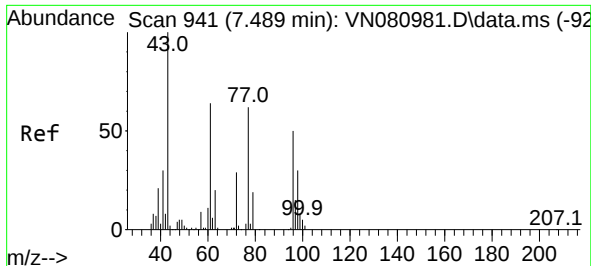
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#30
2-Butanone
Concen: 105.784 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

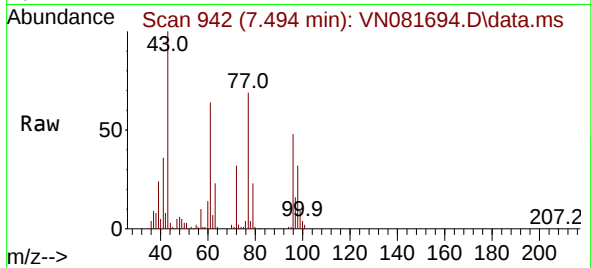
Tgt Ion: 43 Resp: 206927
Ion Ratio Lower Upper
43 100
57 9.3 6.7 10.1
72 31.5 24.0 36.0





#31
2,2-Dichloropropane
Concen: 20.032 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

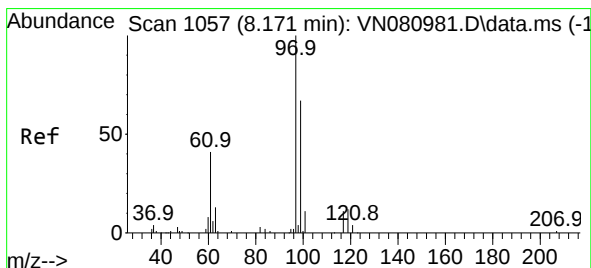
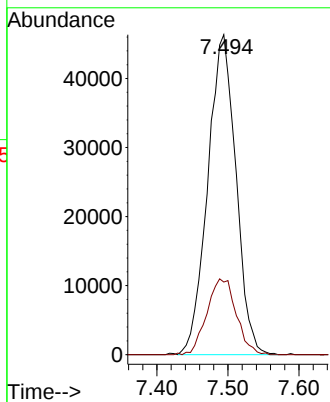
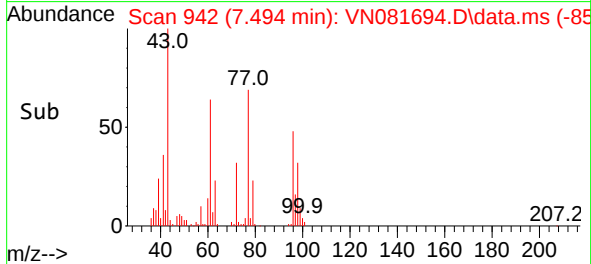
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 77 Resp: 12780
Ion Ratio Lower Upper
77 100
97 24.6 18.3 27.5

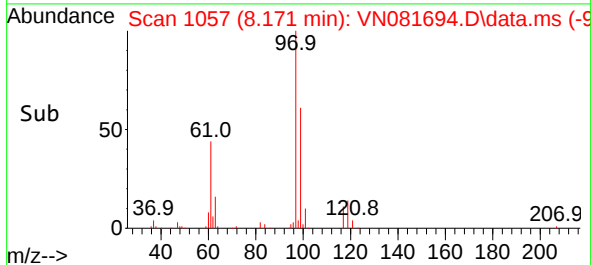
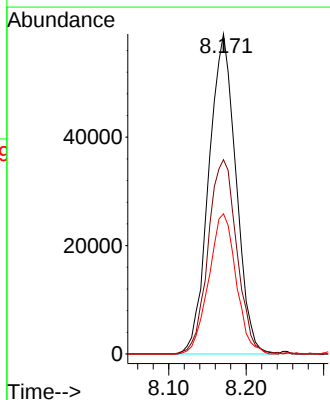
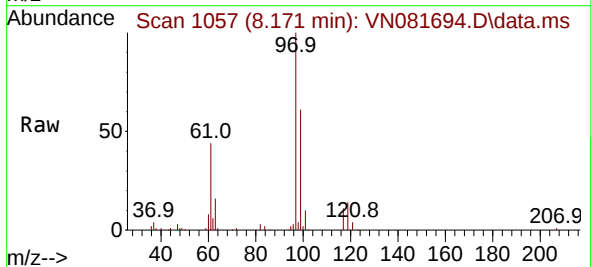
Manual Integrations
APPROVED

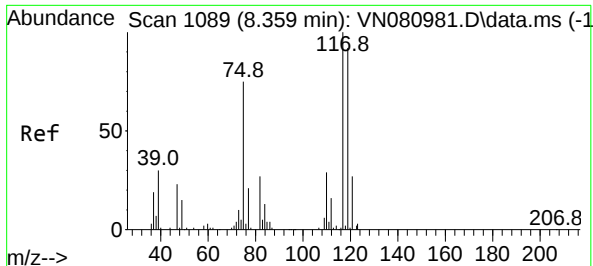
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#32
1,1,1-Trichloroethane
Concen: 20.382 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

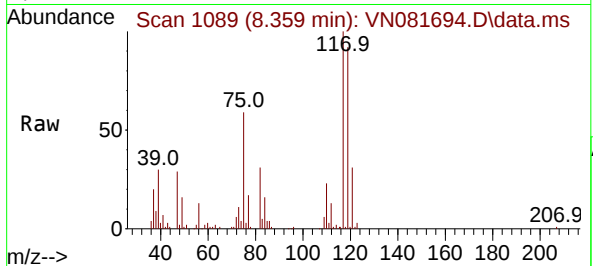
Tgt Ion: 97 Resp: 143884
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 44.1 33.8 50.8





#33
Carbon Tetrachloride
Concen: 20.178 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

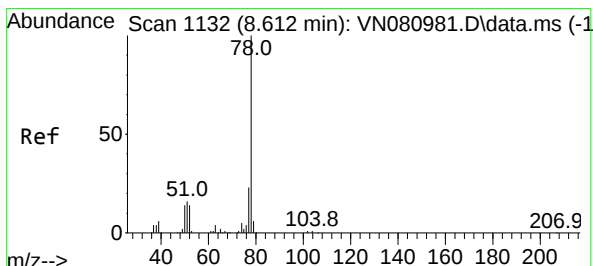
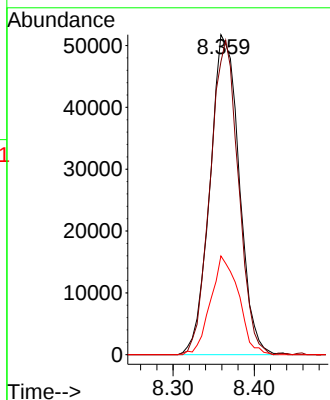
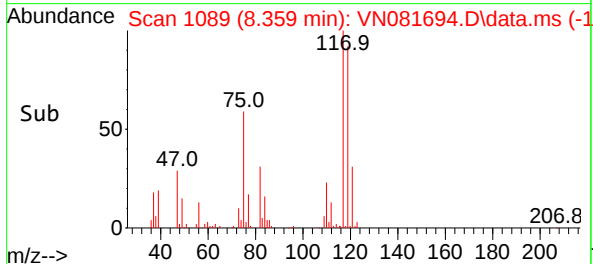
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 117 Resp: 129110
Ion Ratio Lower Upper
117 100
119 91.5 77.7 116.5
121 30.8 27.0 40.6

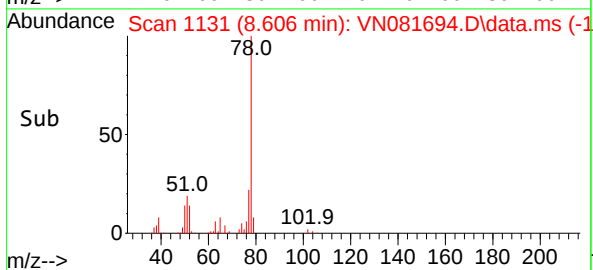
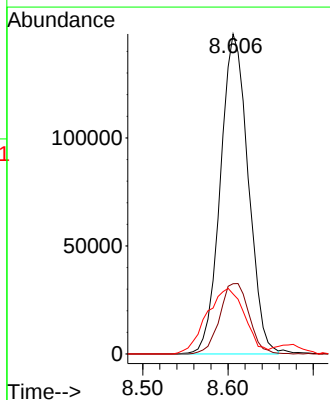
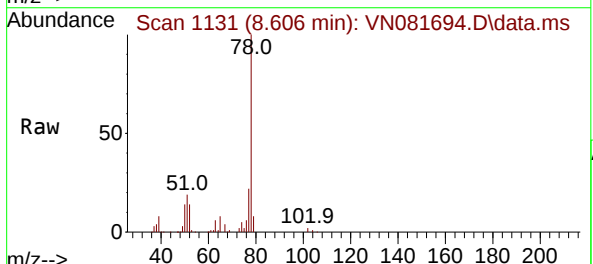
Manual Integrations
APPROVED

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



#34
Benzene
Concen: 20.333 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

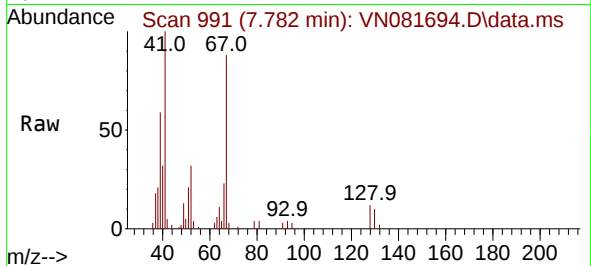
Tgt Ion: 78 Resp: 335493
Ion Ratio Lower Upper
78 100
77 21.9 19.2 28.8
51 18.4 13.3 19.9





#35
Methacrylonitrile
Concen: 20.598 ug/l m
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

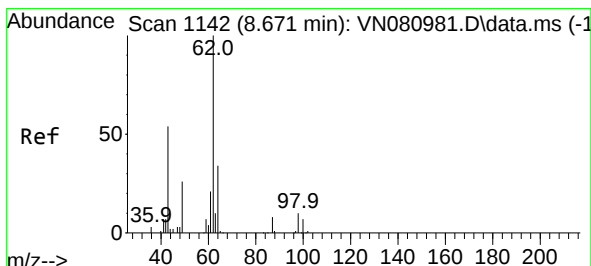
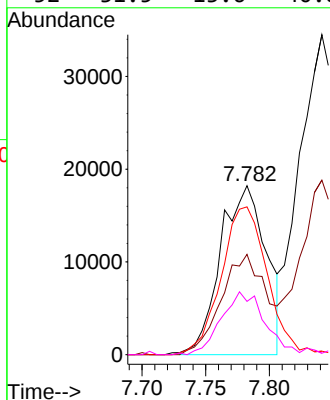
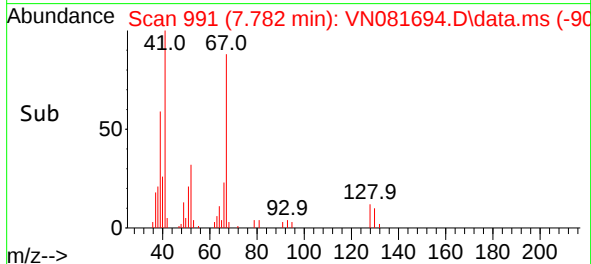
Instrument :
MSVOA_N
Client Sample Id :
VN0411WBS01



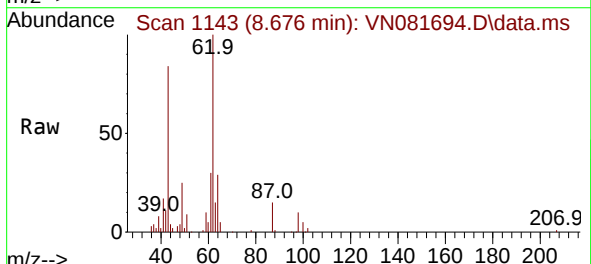
Tgt Ion: 41 Resp: 45639
Ion Ratio Lower Upper
41 100
39 59.4 25.3 75.9
67 87.5 38.7 116.1
52 31.5 13.6 40.8

Manual Integrations
APPROVED

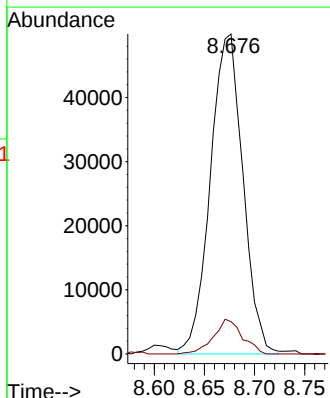
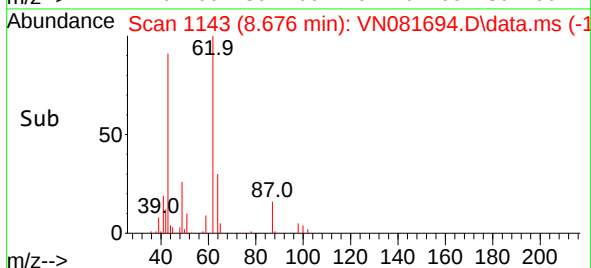
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

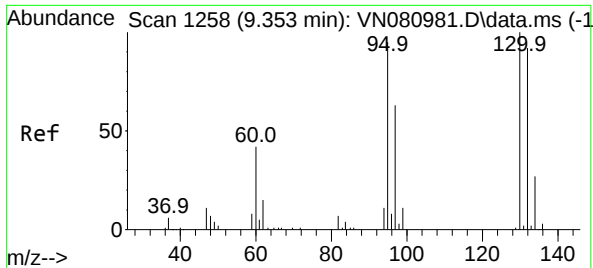


#36
1,2-Dichloroethane
Concen: 20.827 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



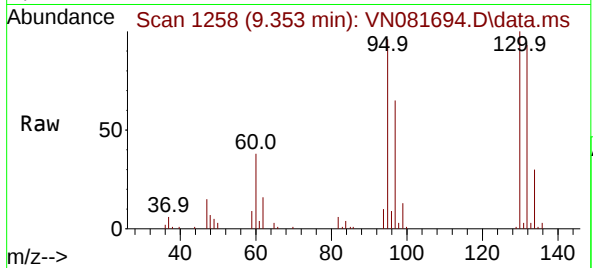
Tgt Ion: 62 Resp: 112714
Ion Ratio Lower Upper
62 100
98 9.6 8.2 12.4





#37
Trichloroethene
Concen: 19.937 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

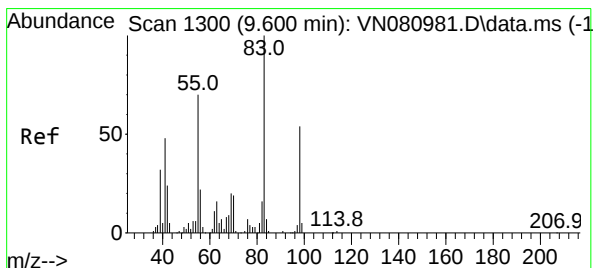
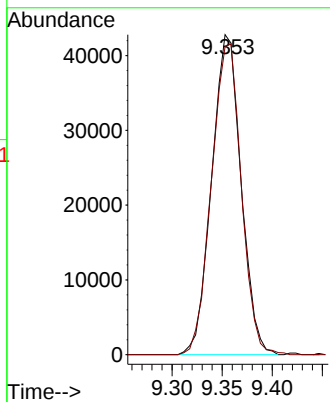
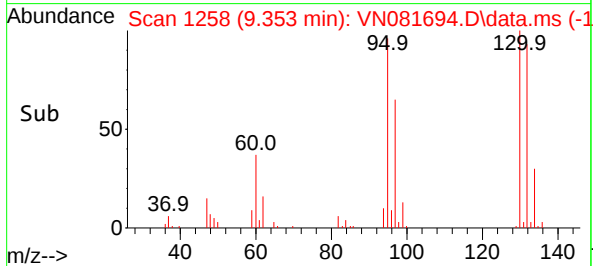
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



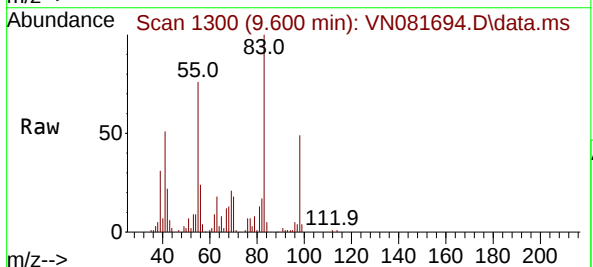
Tgt Ion:130 Resp: 8705
Ion Ratio Lower Upper
130 100
95 96.3 80.2 120.4

Manual Integrations
APPROVED

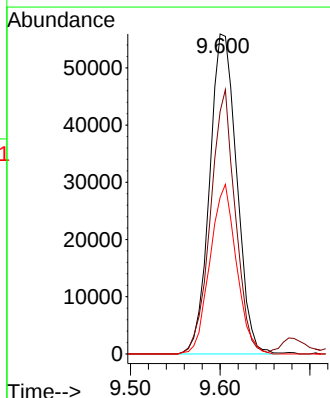
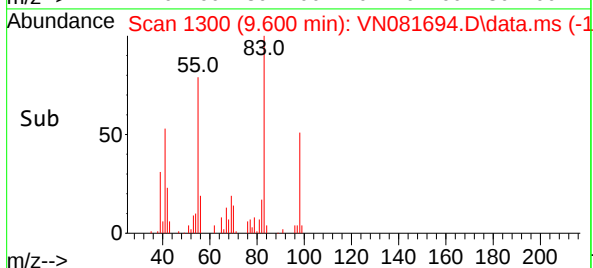
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

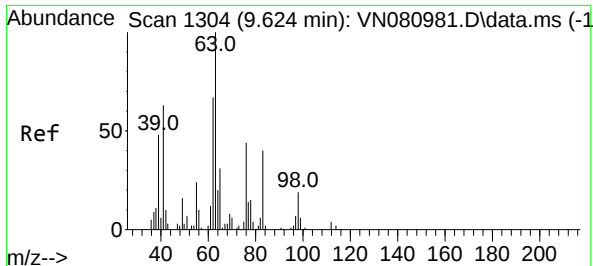


#38
Methylcyclohexane
Concen: 18.770 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



Tgt Ion: 83 Resp: 117508
Ion Ratio Lower Upper
83 100
55 75.2 36.6 109.9
98 51.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.707 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

Tgt Ion: 63 Resp: 7970

Ion Ratio Lower Upper

63 100

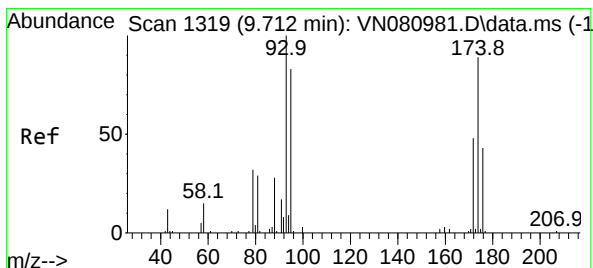
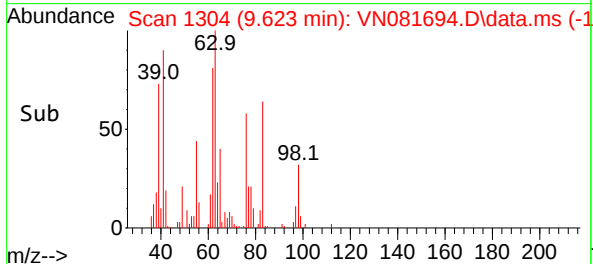
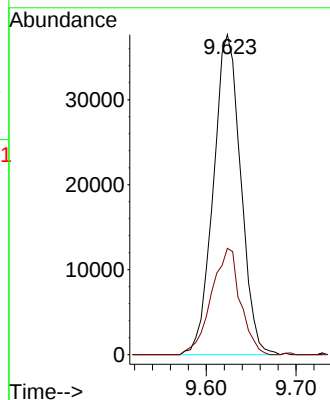
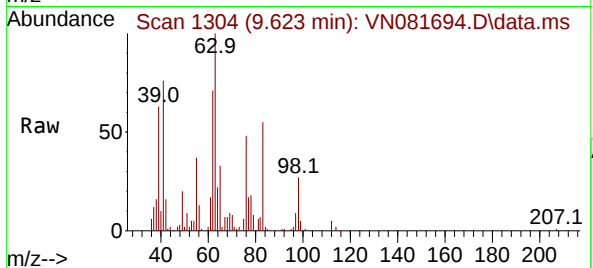
65 33.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#40

Dibromomethane

Concen: 21.284 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

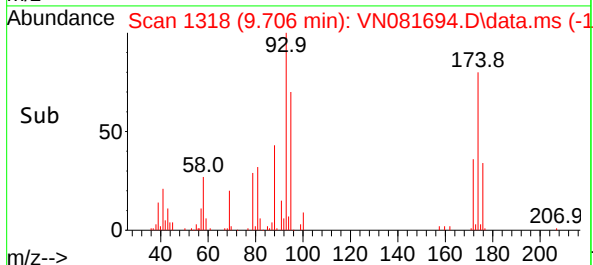
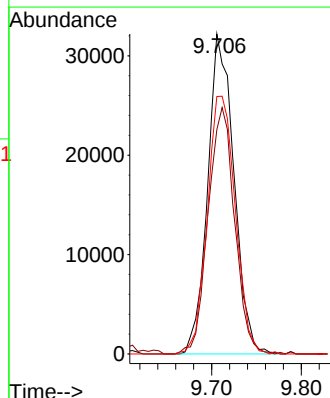
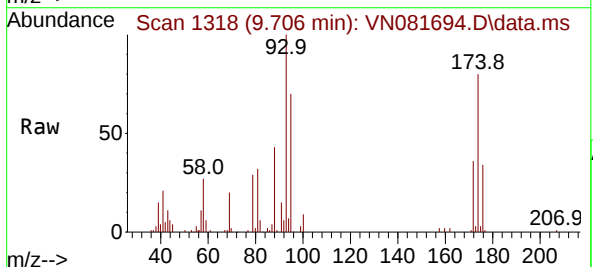
Tgt Ion: 93 Resp: 65262

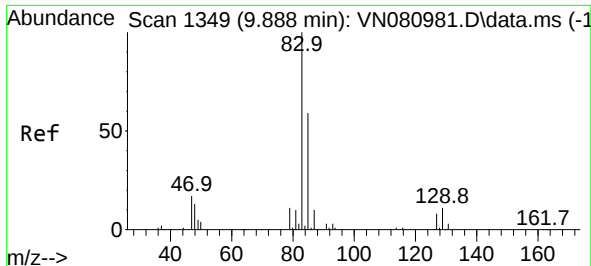
Ion Ratio Lower Upper

93 100

95 78.0 0.0 164.6

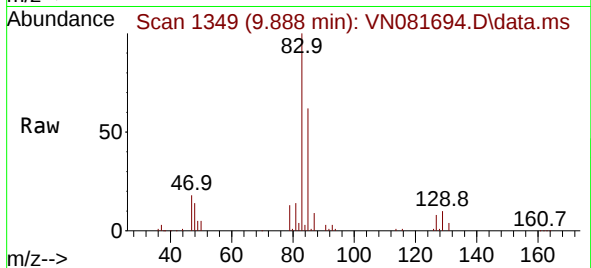
174 86.1 0.0 193.2





#41
Bromodichloromethane
Concen: 20.635 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

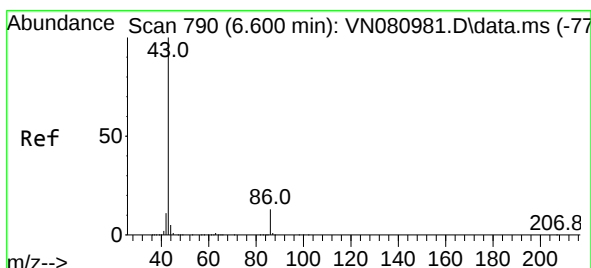
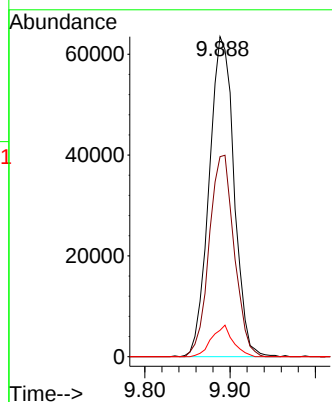
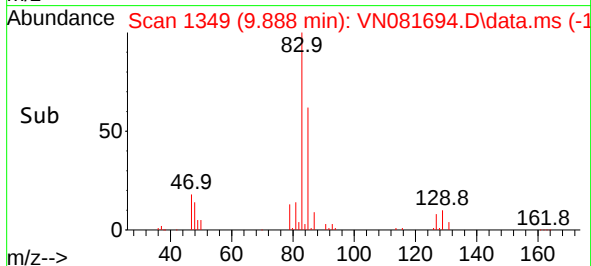
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 83 Resp: 129028
Ion Ratio Lower Upper
83 100
85 62.5 49.4 74.2
127 8.3 7.3 10.9

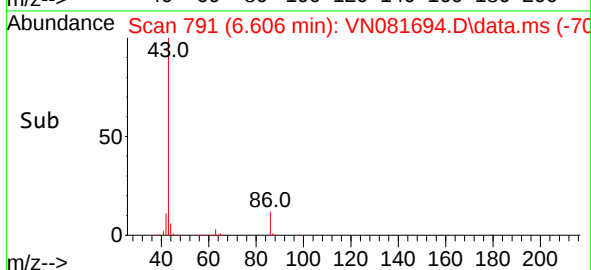
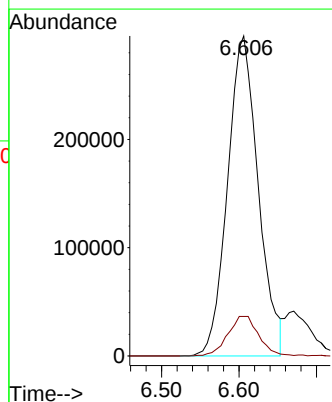
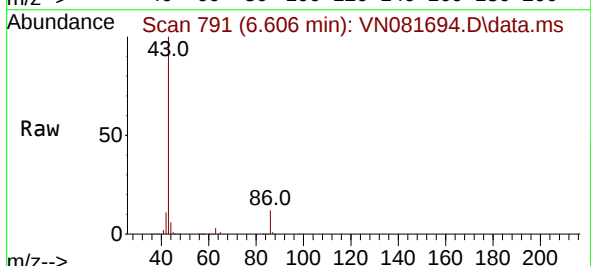
Manual Integrations
APPROVED

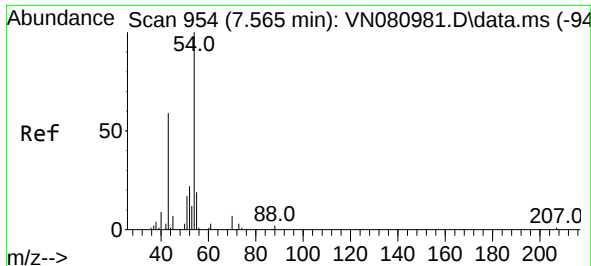
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#42
Vinyl Acetate
Concen: 100.080 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

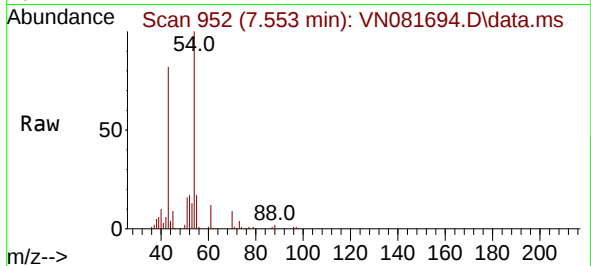
Tgt Ion: 43 Resp: 815542
Ion Ratio Lower Upper
43 100
86 12.5 9.4 14.2





#43
Ethyl Acetate
Concen: 20.134 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

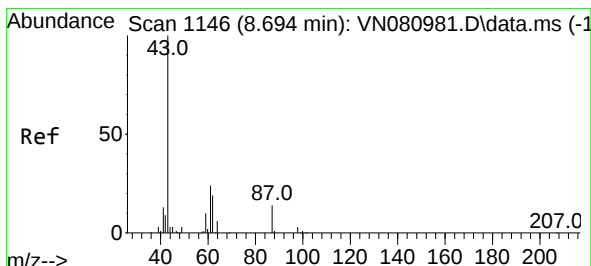
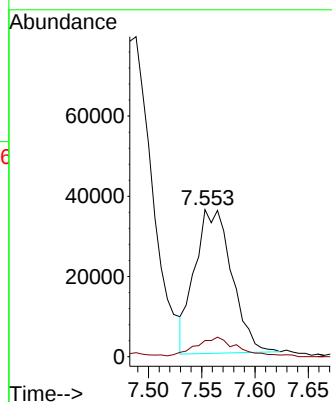
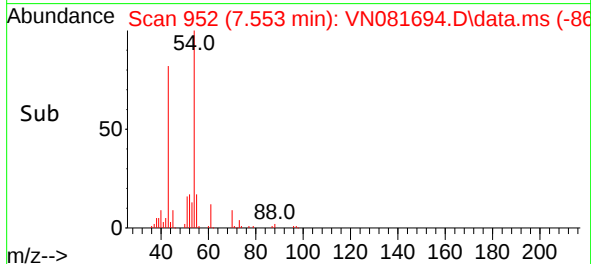
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 43 Resp: 86799
Ion Ratio Lower Upper
43 100
45 13.6 10.6 15.8

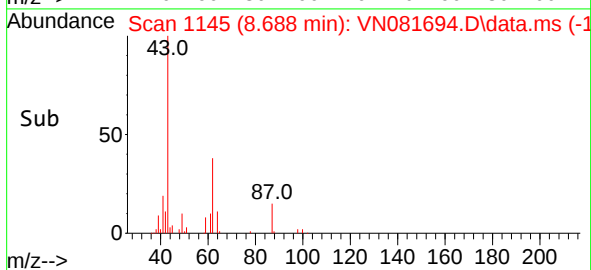
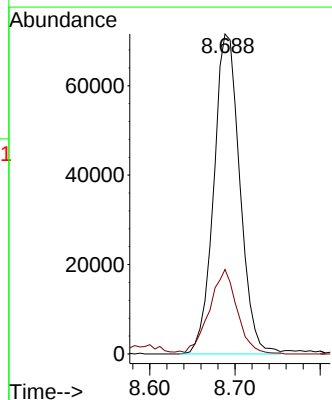
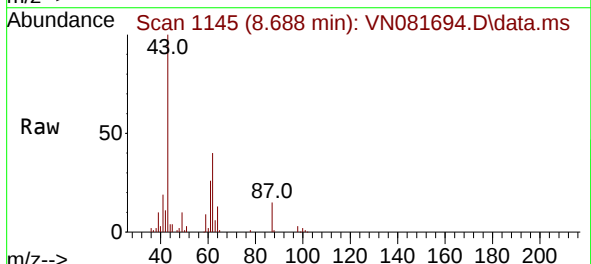
Manual Integrations
APPROVED

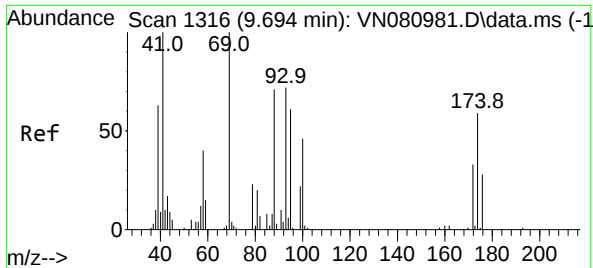
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#44
Isopropyl Acetate
Concen: 21.071 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

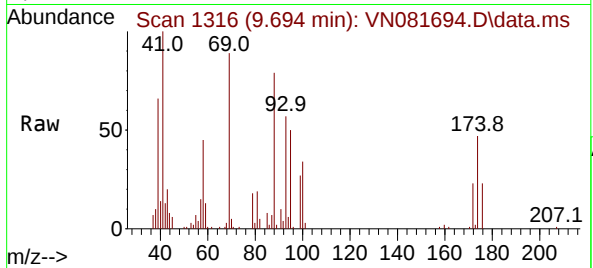
Tgt Ion: 43 Resp: 152204
Ion Ratio Lower Upper
43 100
61 27.3 25.0 37.4





#45
1,4-Dioxane
Concen: 461.875 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

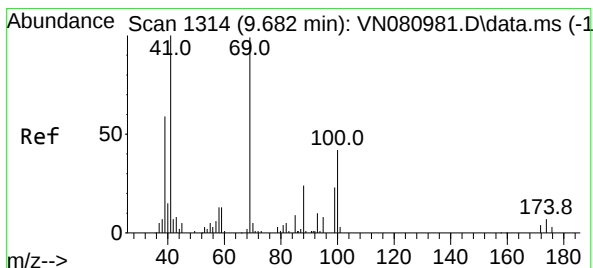
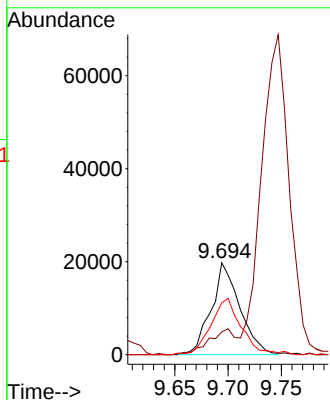
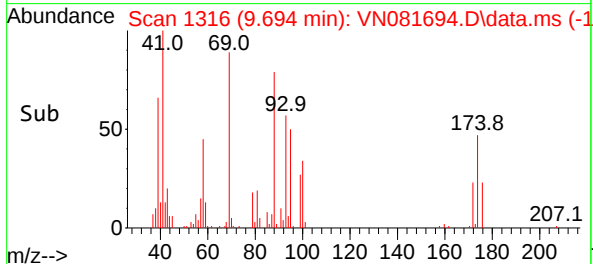
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



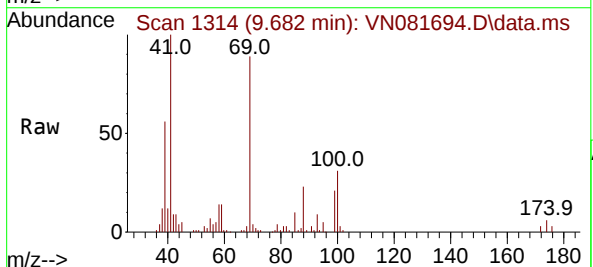
Tgt Ion: 88 Resp: 36830
Ion Ratio Lower Upper
88 100
43 27.9 19.8 29.6
58 64.1 55.4 83.0

Manual Integrations
APPROVED

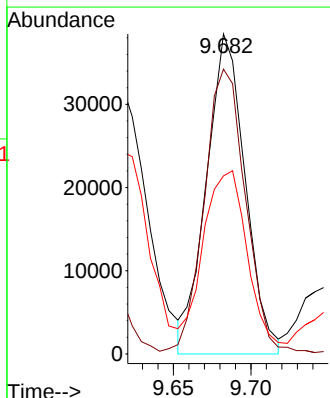
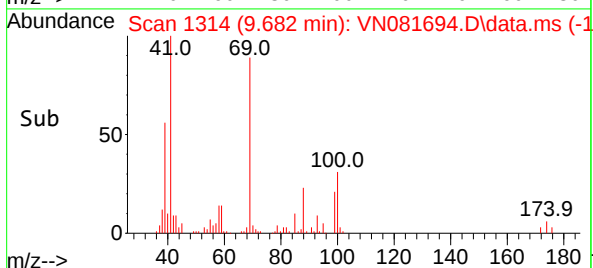
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

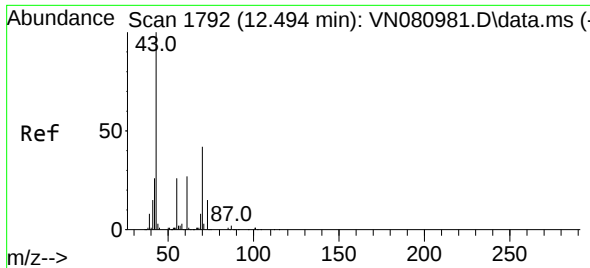


#46
Methyl methacrylate
Concen: 20.620 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



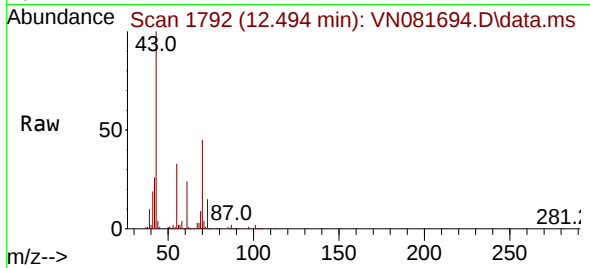
Tgt Ion: 41 Resp: 66983
Ion Ratio Lower Upper
41 100
69 91.1 51.1 153.3
39 54.6 25.8 77.3





#47
n-amy1 Acetate
Concen: 20.316 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

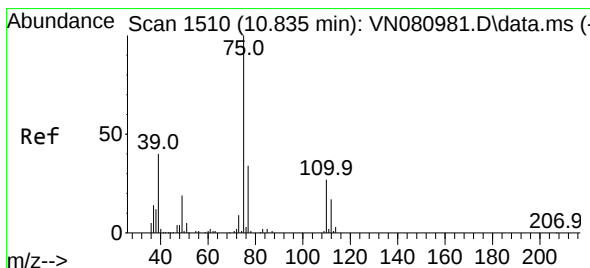
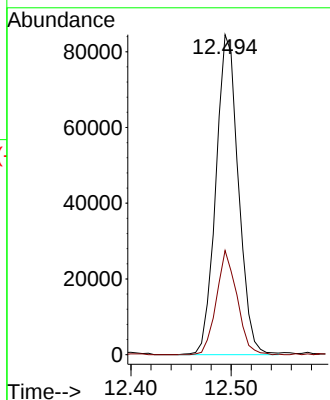
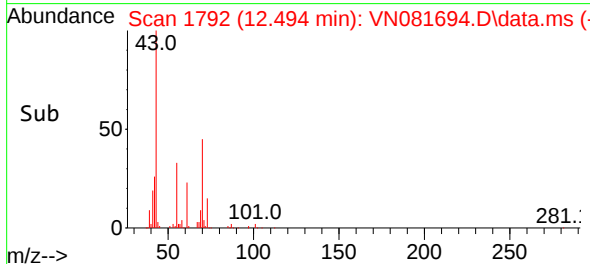
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



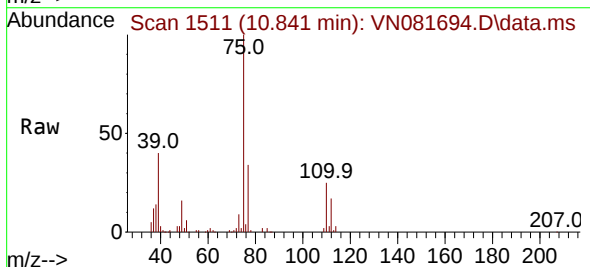
Tgt Ion: 43 Resp: 131684
Ion Ratio Lower Upper
43 100
55 29.7 23.4 35.2

Manual Integrations
APPROVED

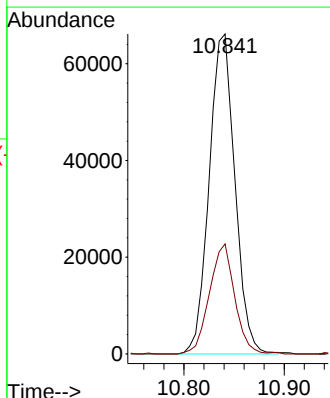
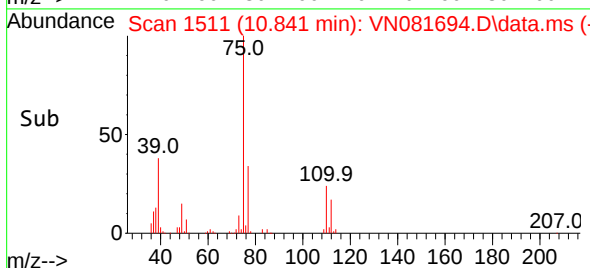
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

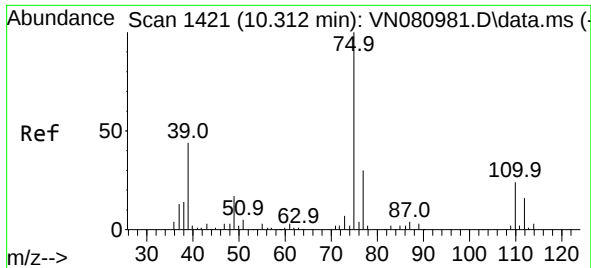


#48
t-1,3-Dichloropropene
Concen: 19.794 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



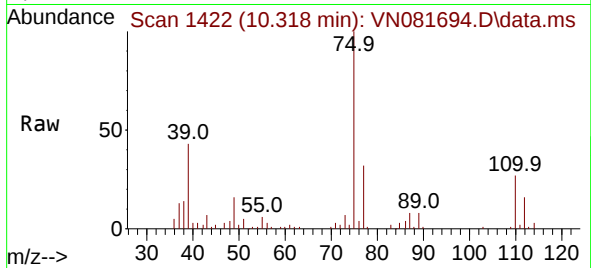
Tgt Ion: 75 Resp: 117912
Ion Ratio Lower Upper
75 100
77 34.4 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 20.272 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

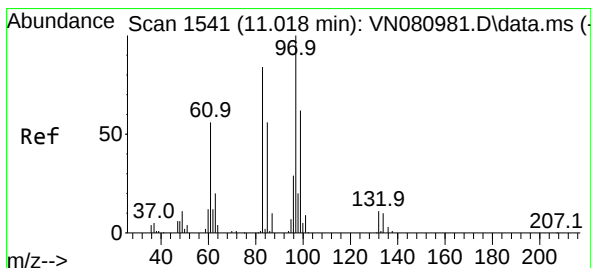
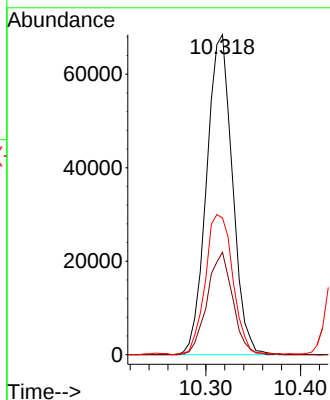
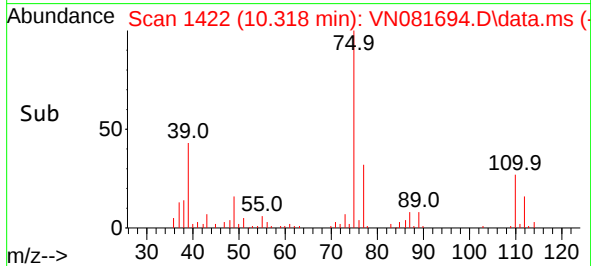
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 75 Resp: 130048
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3
39 42.4 31.0 46.6

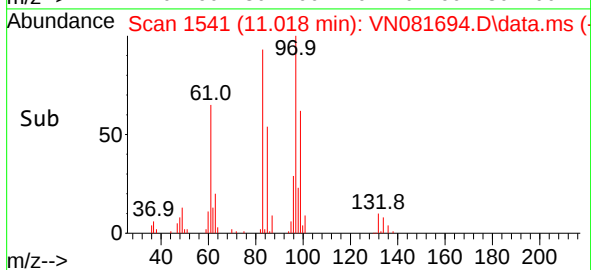
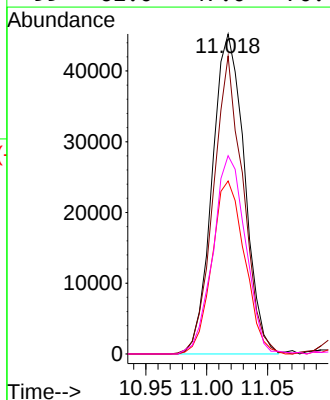
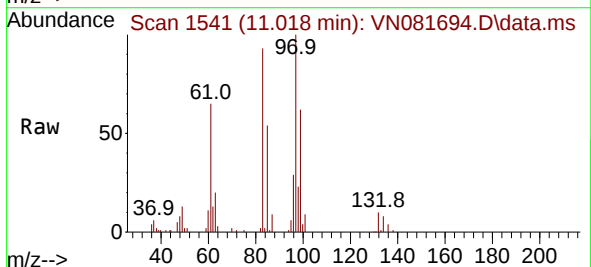
Manual Integrations
APPROVED

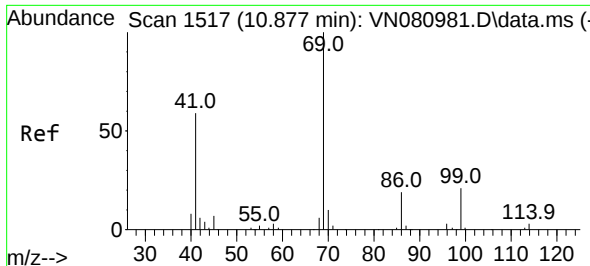
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#50
1,1,2-Trichloroethane
Concen: 20.292 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

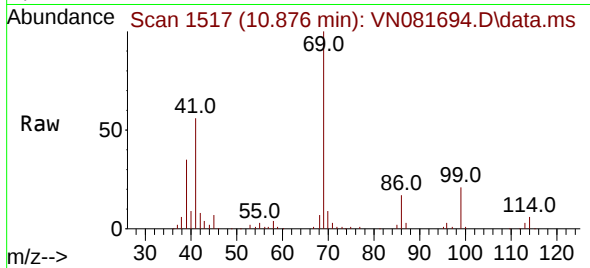
Tgt Ion: 97 Resp: 83314
Ion Ratio Lower Upper
97 100
83 92.8 68.1 102.1
85 54.1 41.8 62.6
99 62.0 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.411 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

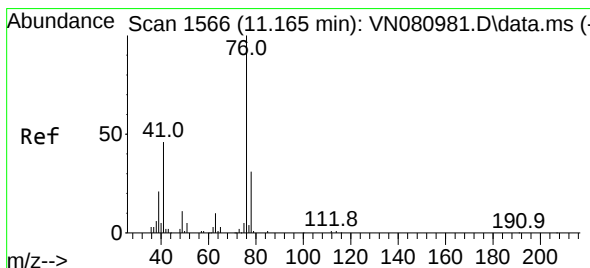
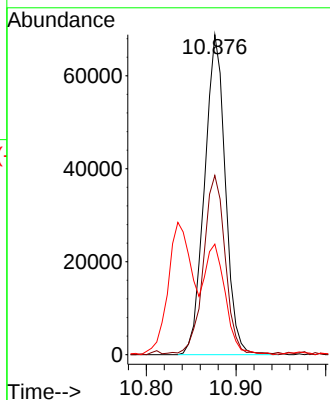
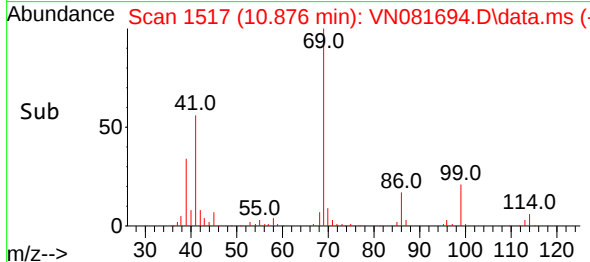
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 69 Resp: 110968
Ion Ratio Lower Upper
69 100
41 55.4 25.5 76.5
39 33.8 16.0 47.9

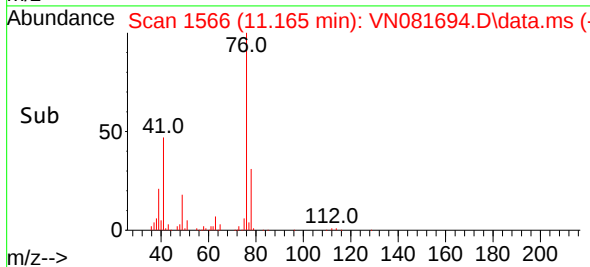
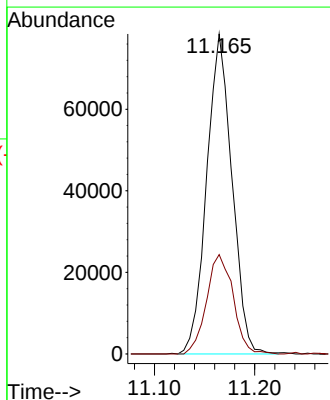
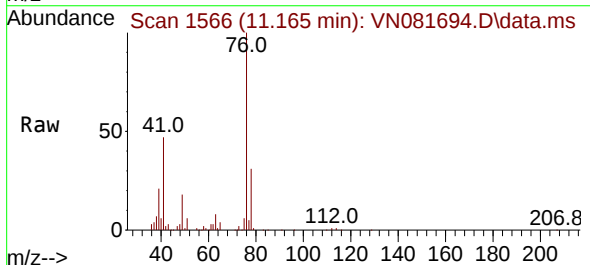
Manual Integrations
APPROVED

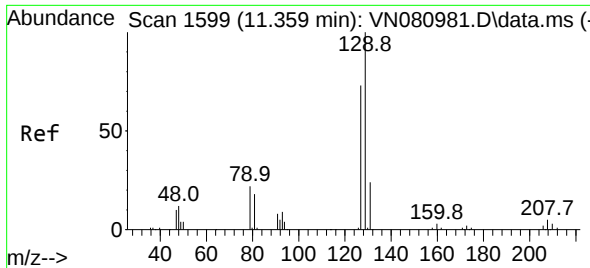
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#52
1,3-Dichloropropane
Concen: 20.430 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

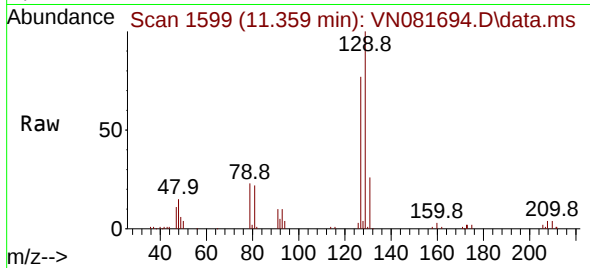
Tgt Ion: 76 Resp: 137489
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.8





#53
Dibromochloromethane
Concen: 20.308 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

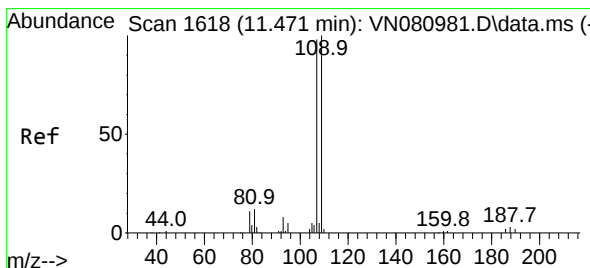
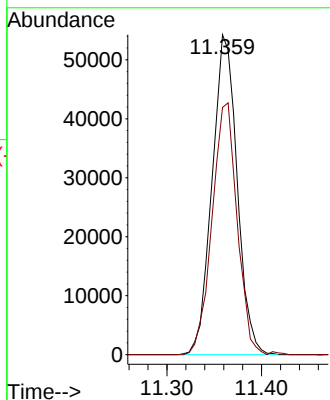
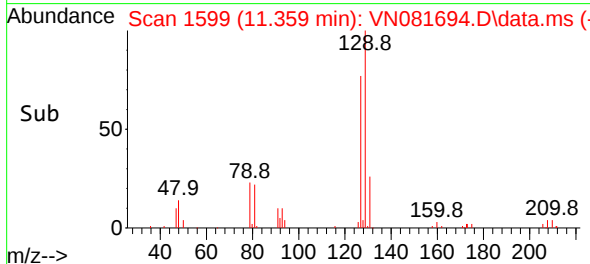
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



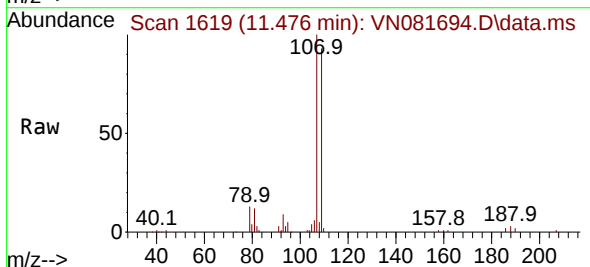
Tgt Ion:129 Resp: 99602
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1

Manual Integrations
APPROVED

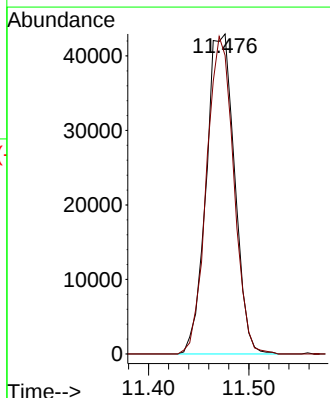
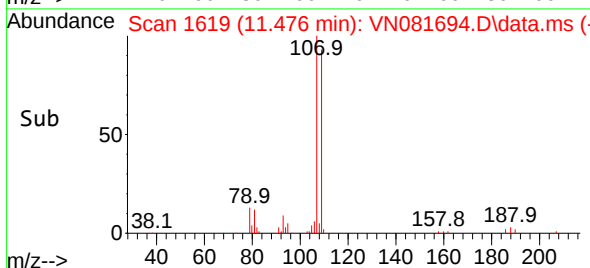
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

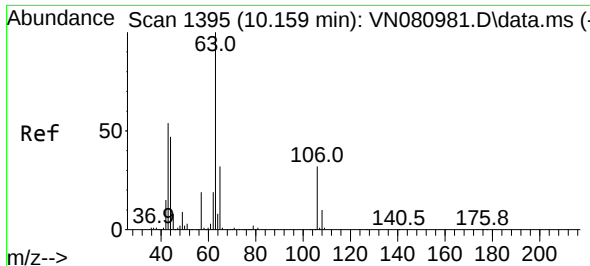


#54
1,2-Dibromoethane
Concen: 19.848 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



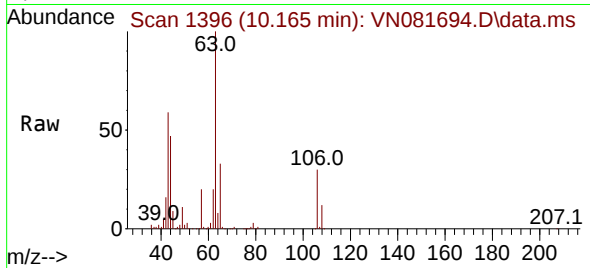
Tgt Ion:107 Resp: 84231
Ion Ratio Lower Upper
107 100
109 95.1 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 101.080 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

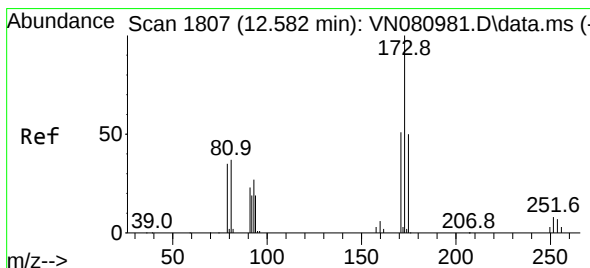
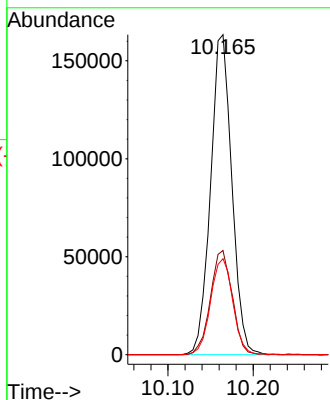
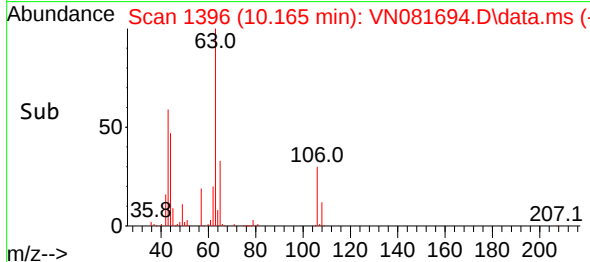
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 63 Resp: 283760
Ion Ratio Lower Upper
63 100
65 33.4 26.2 39.2
106 31.3 23.8 35.8

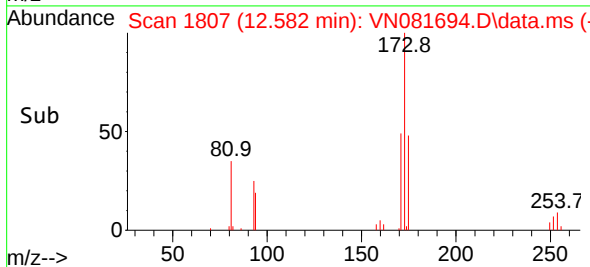
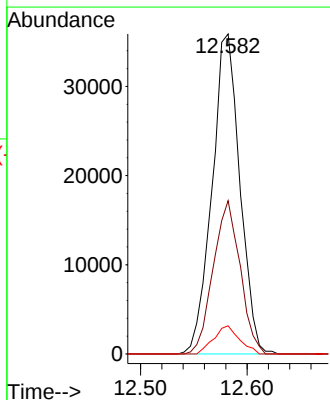
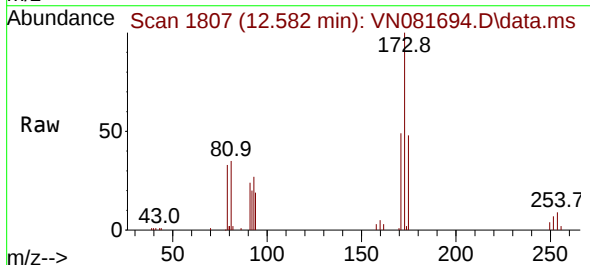
Manual Integrations
APPROVED

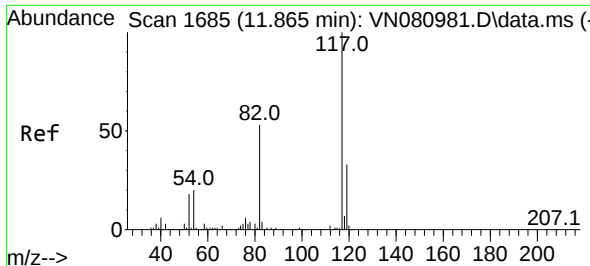
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#56
Bromoform
Concen: 20.748 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

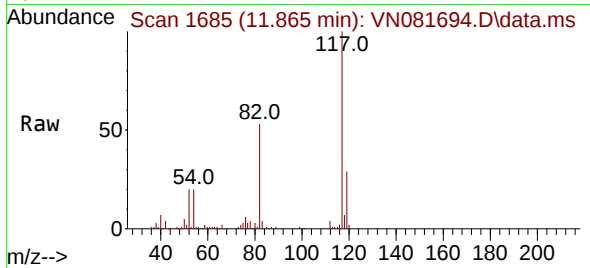
Tgt Ion:173 Resp: 65067
Ion Ratio Lower Upper
173 100
175 46.3 40.0 60.0
254 8.1 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

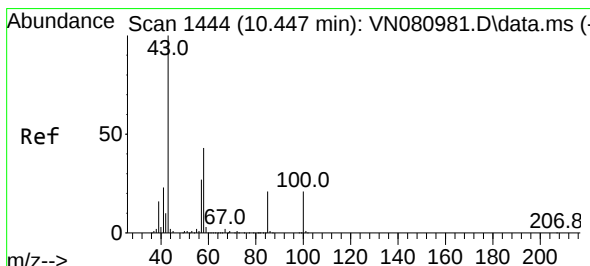
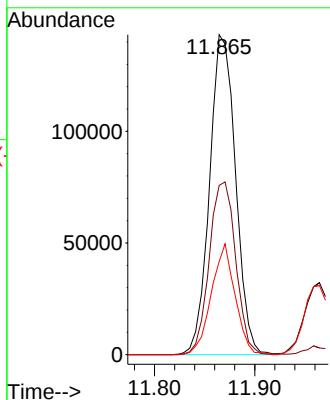
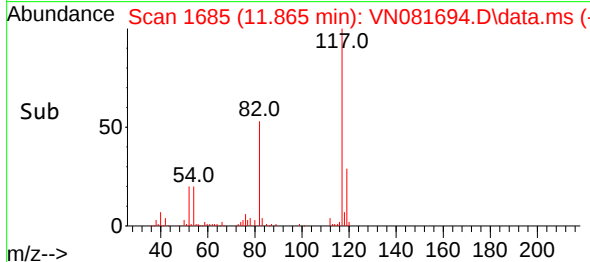
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion:117 Resp: 258814
Ion Ratio Lower Upper
117 100
82 54.9 46.6 69.8
119 31.5 25.4 38.2

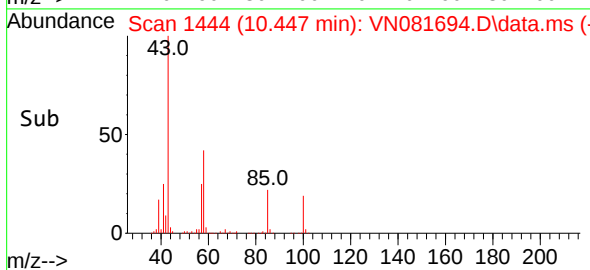
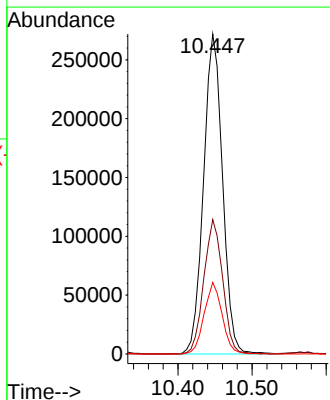
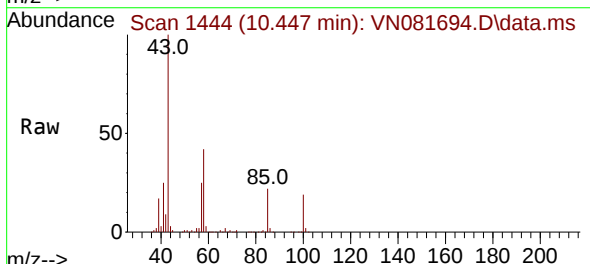
Manual Integrations
APPROVED

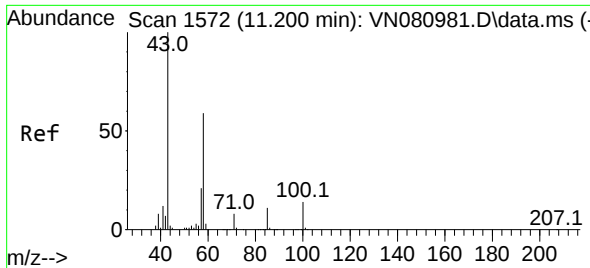
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#58
4-Methyl-2-Pentanone
Concen: 108.882 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

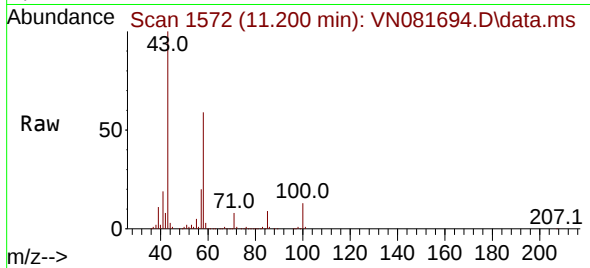
Tgt Ion: 43 Resp: 484614
Ion Ratio Lower Upper
43 100
58 41.6 36.5 54.7
85 21.1 19.5 29.3





#59
2-Hexanone
Concen: 110.020 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

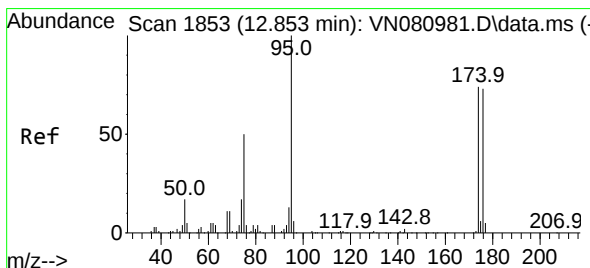
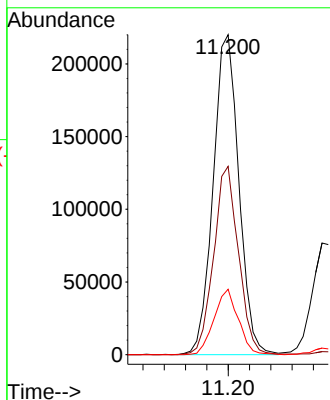
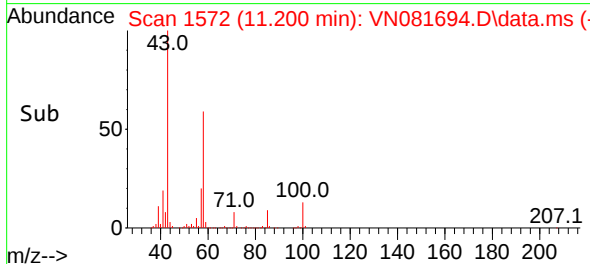
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



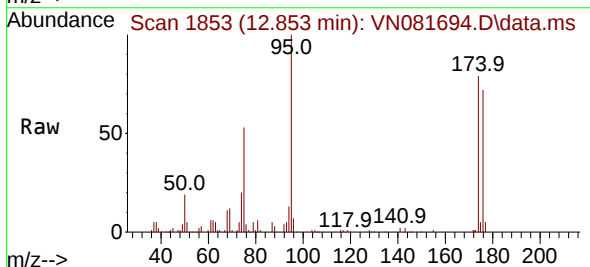
Tgt Ion: 43 Resp: 36775
Ion Ratio Lower Upper
43 100
58 57.0 50.4 75.6
57 19.4 18.6 27.8

Manual Integrations
APPROVED

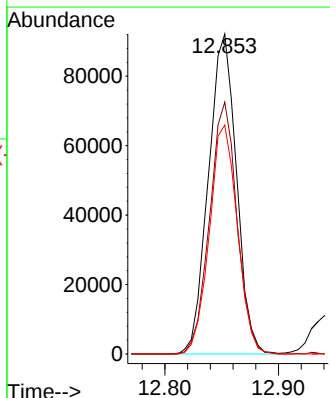
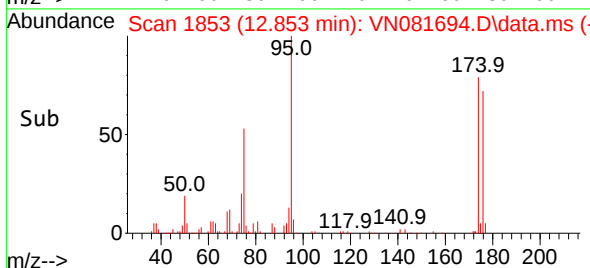
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

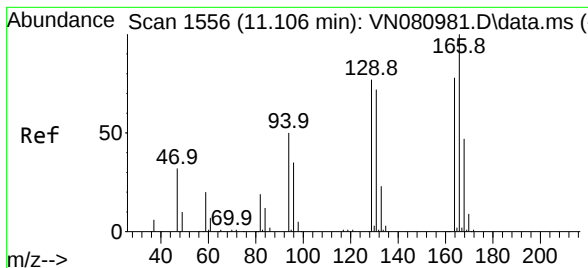


#60
4-Bromofluorobenzene
Concen: 31.029 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



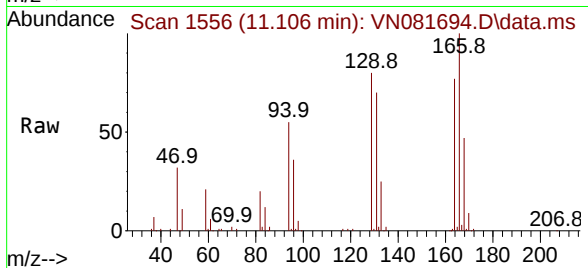
Tgt Ion: 95 Resp: 157887
Ion Ratio Lower Upper
95 100
174 76.9 60.5 90.7
176 71.2 57.8 86.6





#61
Tetrachloroethene
Concen: 19.795 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

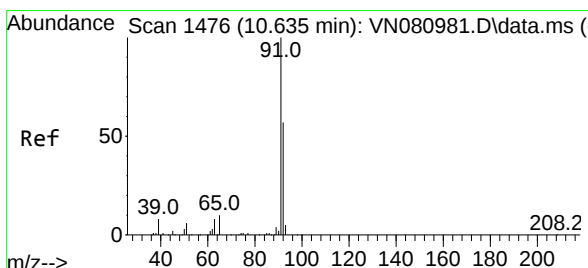
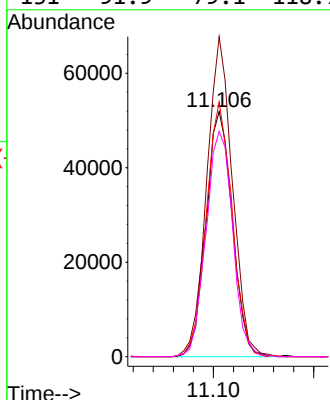
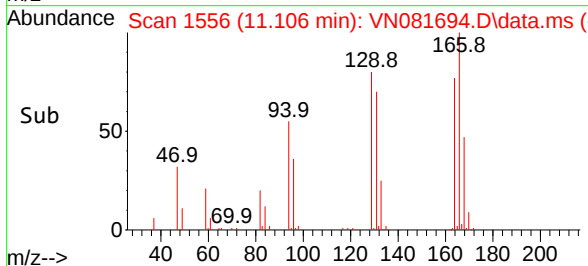
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



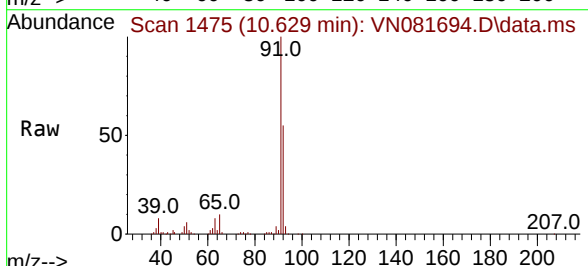
Tgt Ion:164 Resp: 9493
Ion Ratio Lower Upper
164 100
166 130.5 106.7 160.1
129 103.7 85.8 128.6
131 91.9 79.1 118.7

Manual Integrations
APPROVED

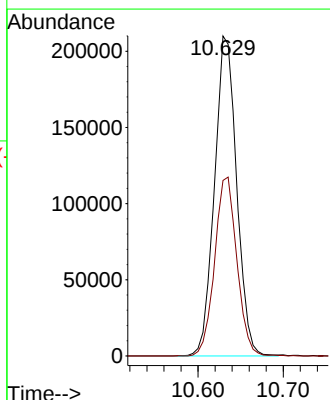
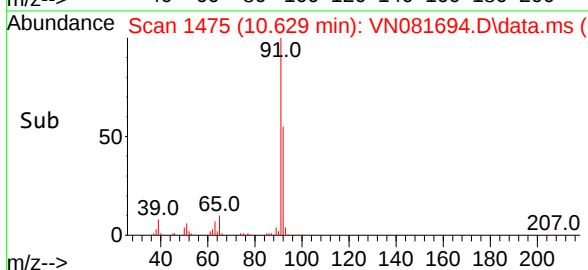
Reviewed By :John Carbone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

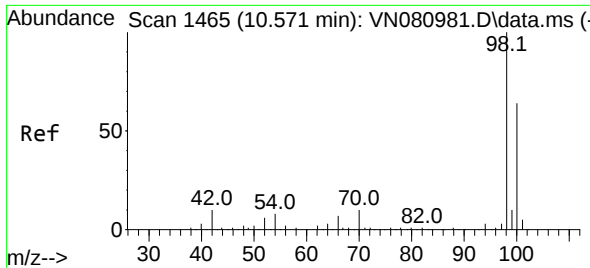


#62
Toluene
Concen: 20.162 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



Tgt Ion: 91 Resp: 379629
Ion Ratio Lower Upper
91 100
92 56.0 46.5 69.7





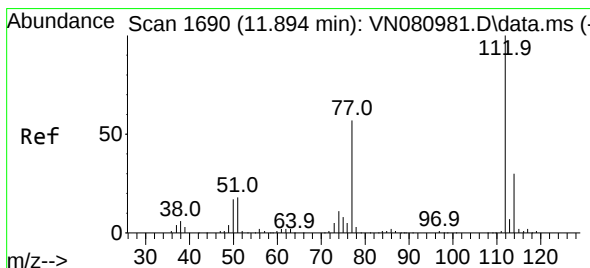
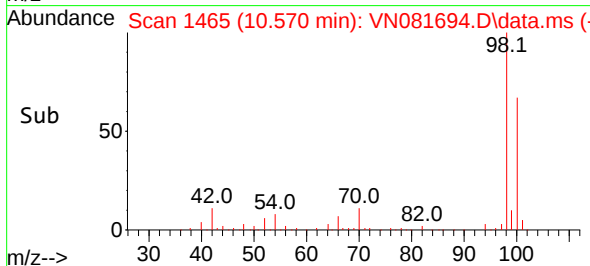
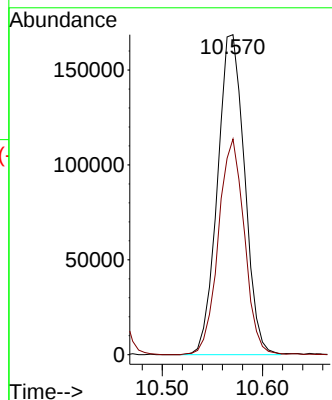
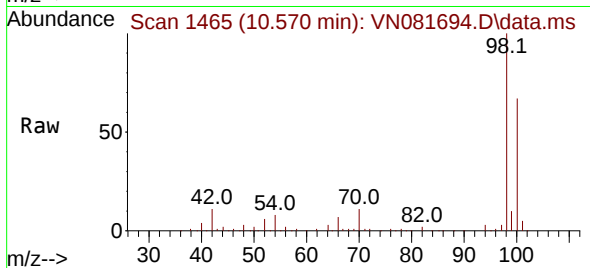
#63
Toluene-d8
Concen: 30.445 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 98 Resp: 31607
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

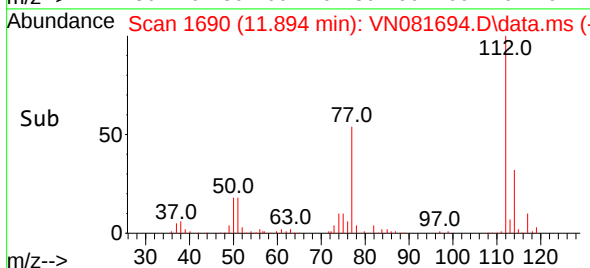
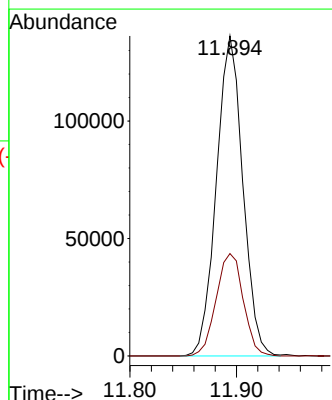
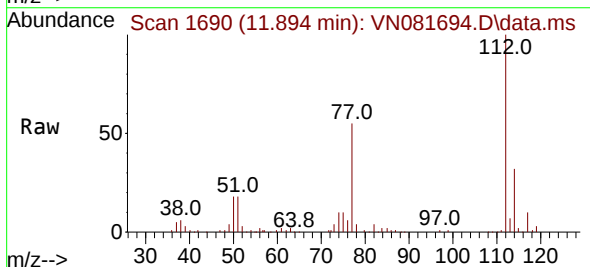
Manual Integrations
APPROVED

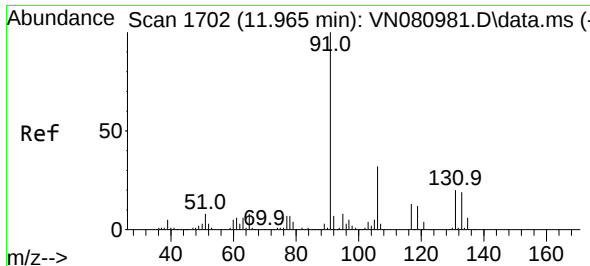
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#64
Chlorobenzene
Concen: 19.642 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion:112 Resp: 234516
Ion Ratio Lower Upper
112 100
114 32.0 26.6 39.8





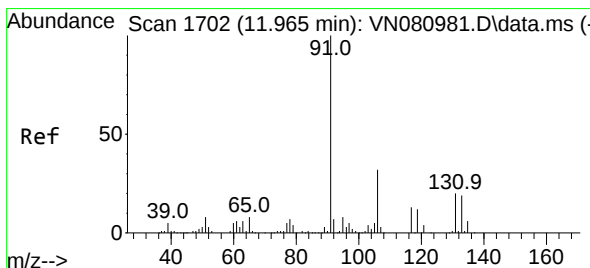
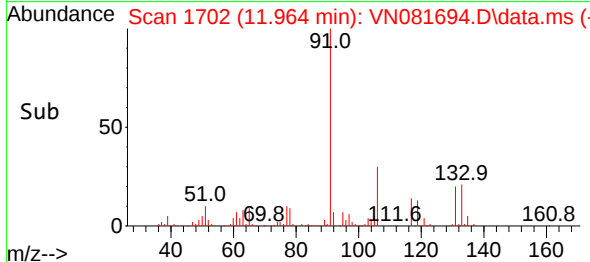
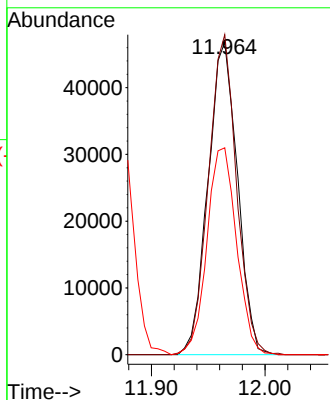
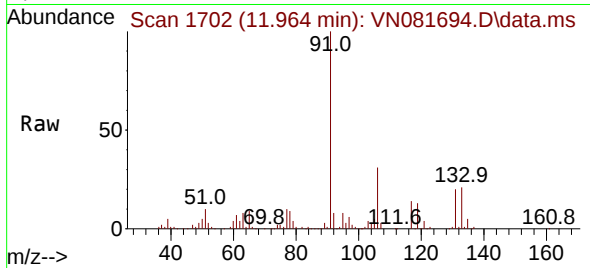
#65
1,1,1,2-Tetrachloroethane
Concen: 19.423 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:131 Resp: 84238
Ion Ratio Lower Upper
131 100
133 98.0 0.0 188.0
119 66.7 0.0 122.8

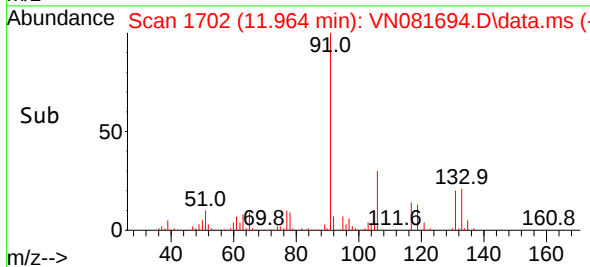
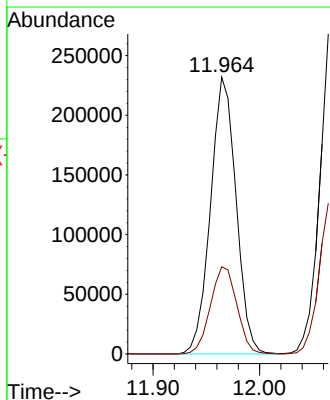
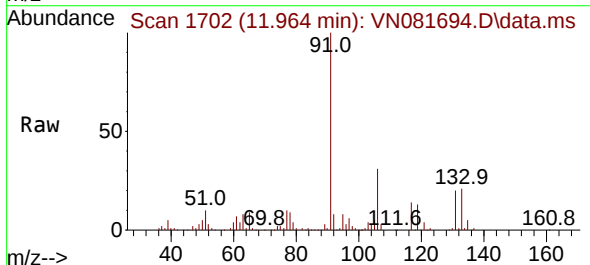
Manual Integrations
APPROVED

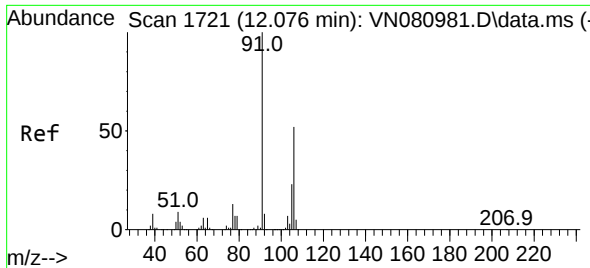
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#66
Ethyl Benzene
Concen: 19.317 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

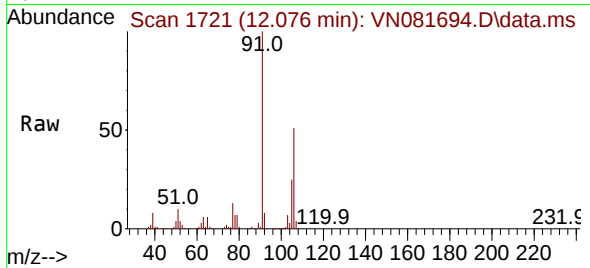
Tgt Ion: 91 Resp: 386721
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6





#67
m/p-Xylenes
Concen: 40.719 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

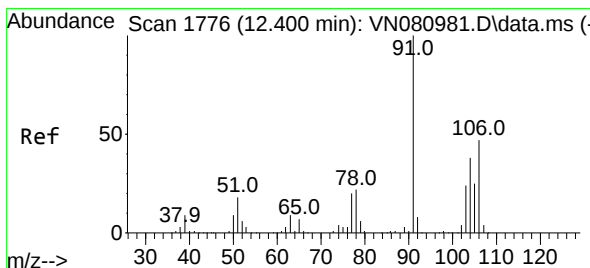
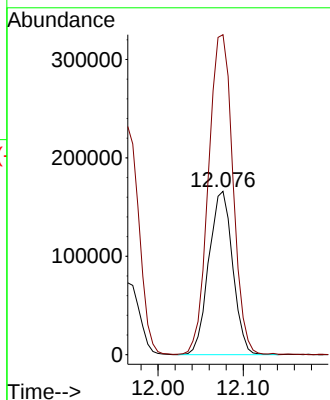
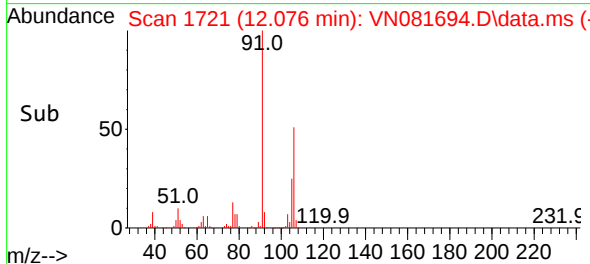
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



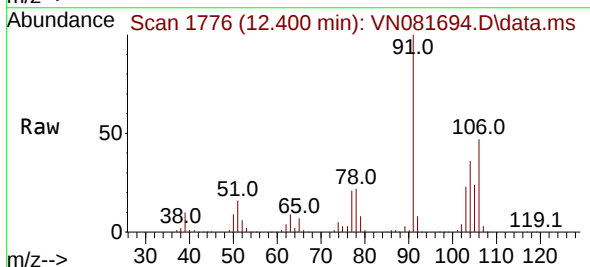
Tgt Ion:106 Resp: 322898
Ion Ratio Lower Upper
106 100
91 200.6 166.6 249.8

Manual Integrations
APPROVED

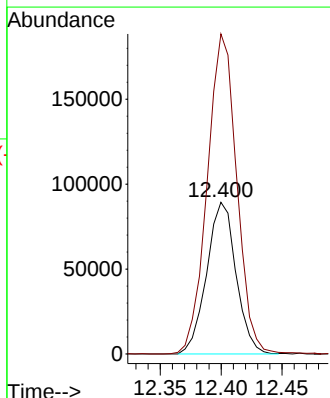
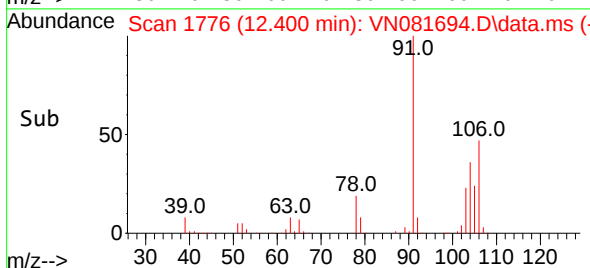
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

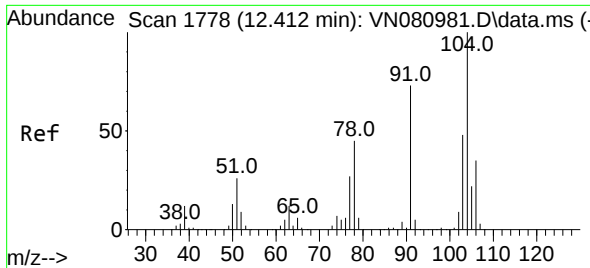


#68
o-Xylene
Concen: 19.935 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



Tgt Ion:106 Resp: 150069
Ion Ratio Lower Upper
106 100
91 212.3 110.0 330.0





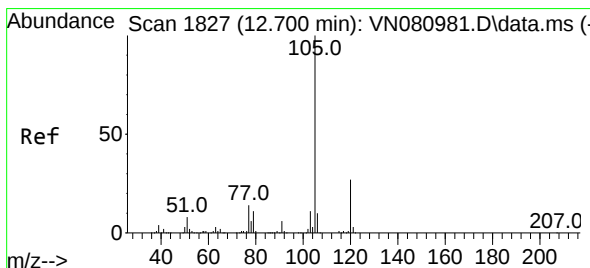
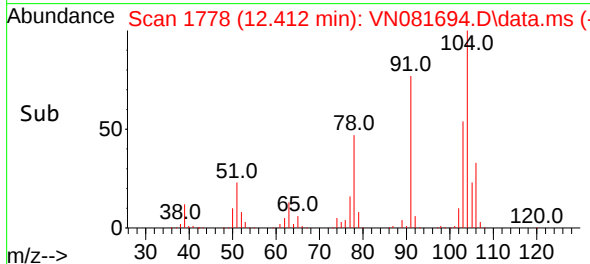
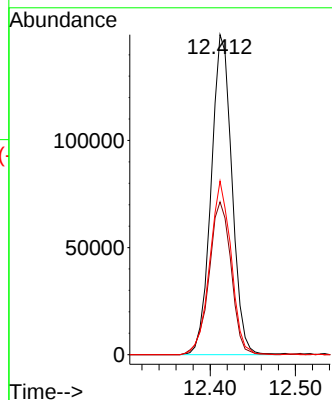
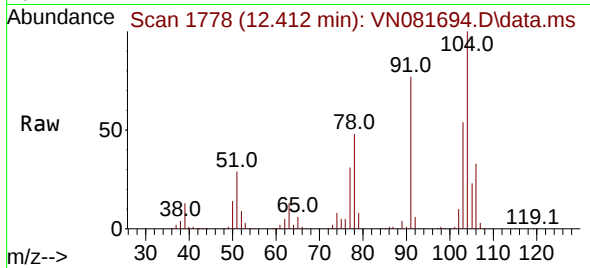
#69
Styrene
Concen: 19.736 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:104 Resp: 253035
Ion Ratio Lower Upper
104 100
78 50.6 42.6 64.0
103 55.6 43.7 65.5

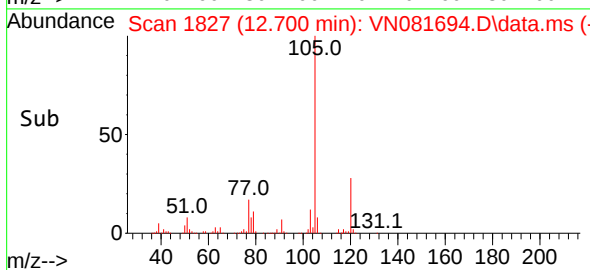
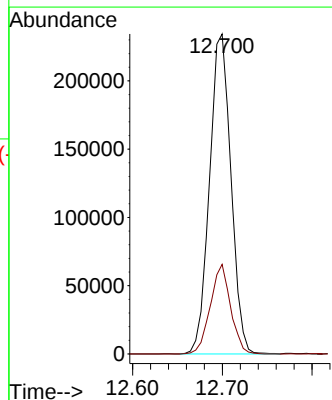
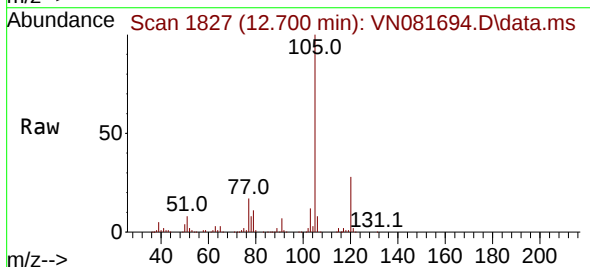
Manual Integrations
APPROVED

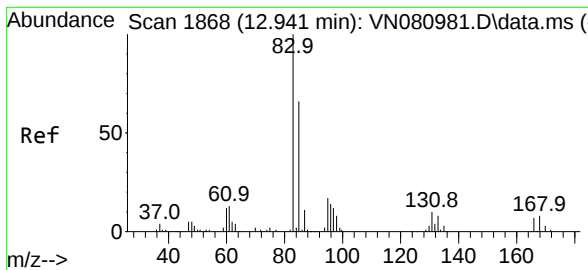
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#70
Isopropylbenzene
Concen: 20.006 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

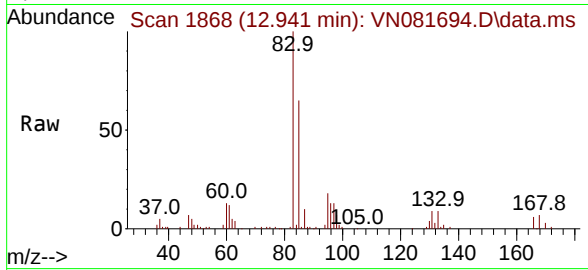
Tgt Ion:105 Resp: 388548
Ion Ratio Lower Upper
105 100
120 26.5 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.511 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

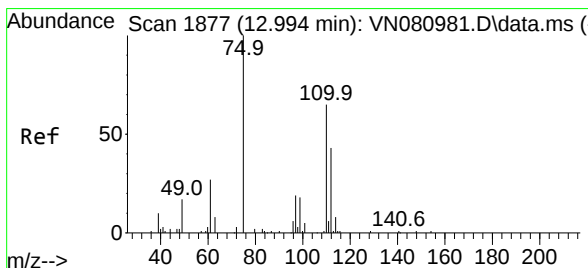
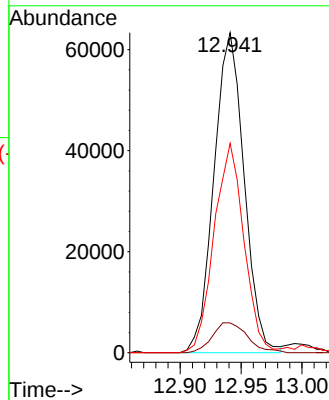
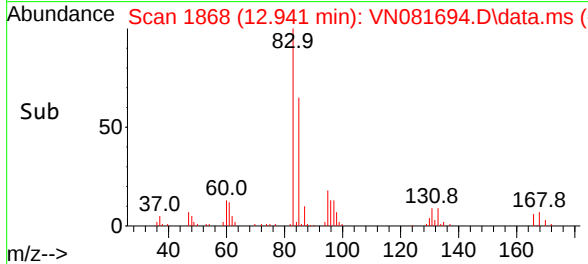
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 83 Resp: 10913
Ion Ratio Lower Upper
83 100
131 10.9 5.2 15.6
85 64.5 32.3 96.8

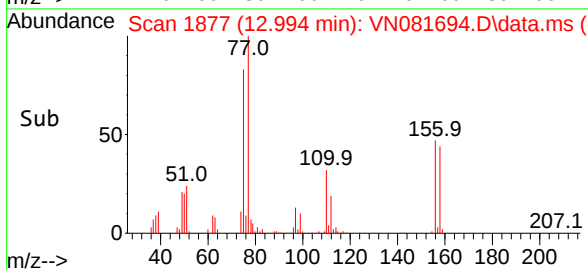
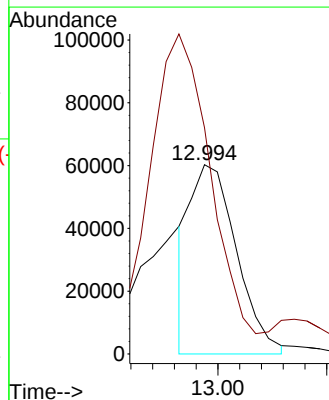
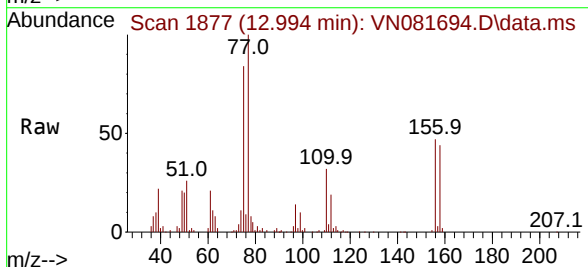
Manual Integrations
APPROVED

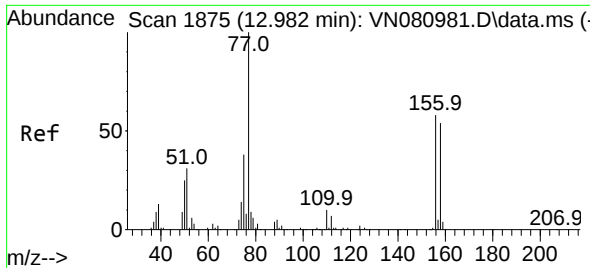
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#72
1,2,3-Trichloropropane
Concen: 19.065 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion: 75 Resp: 89544
Ion Ratio Lower Upper
75 100
77 227.6 0.0 367.6





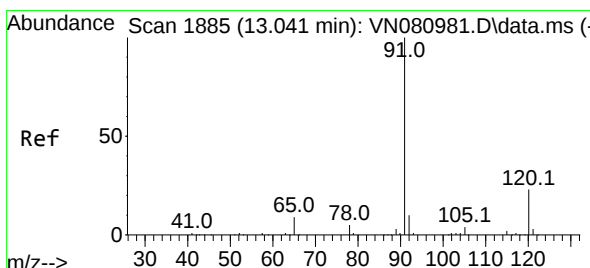
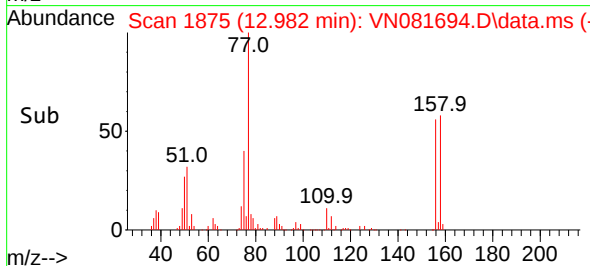
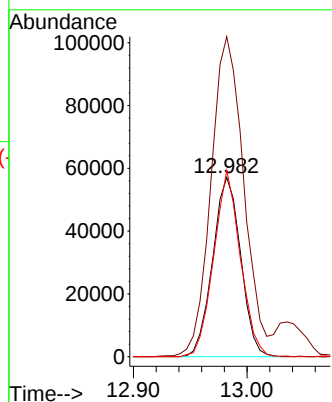
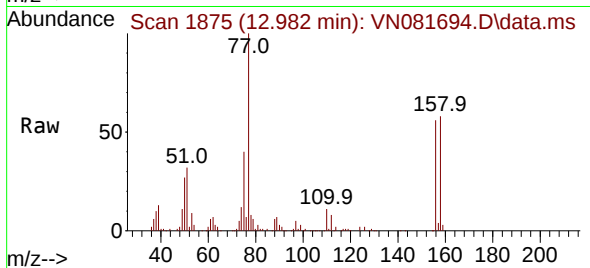
#73
Bromobenzene
Concen: 20.325 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:156 Resp: 97812
Ion Ratio Lower Upper
156 100
77 208.4 0.0 437.6
158 98.8 0.0 203.8

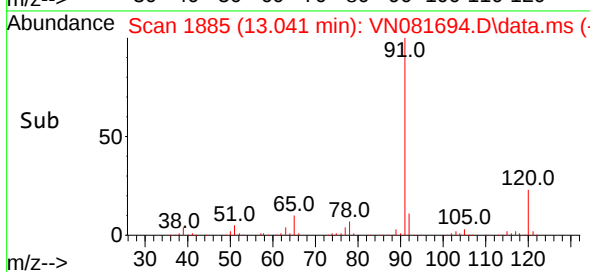
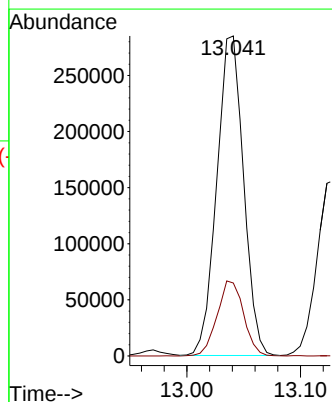
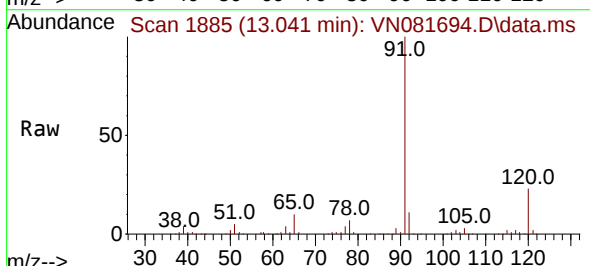
Manual Integrations
APPROVED

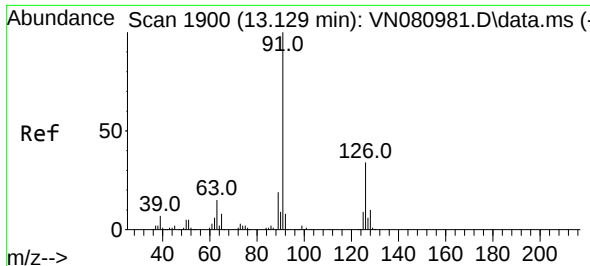
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#74
n-propylbenzene
Concen: 20.066 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion: 91 Resp: 466471
Ion Ratio Lower Upper
91 100
120 23.2 0.0 43.8





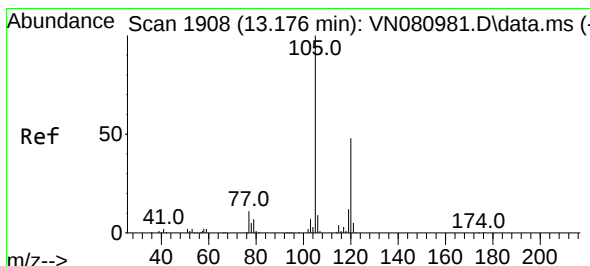
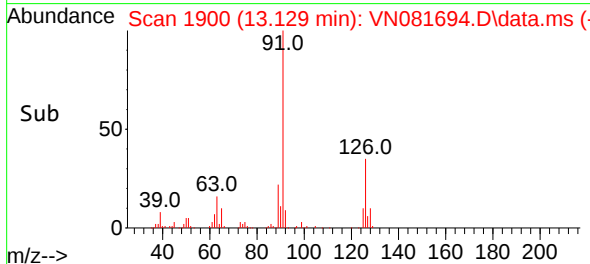
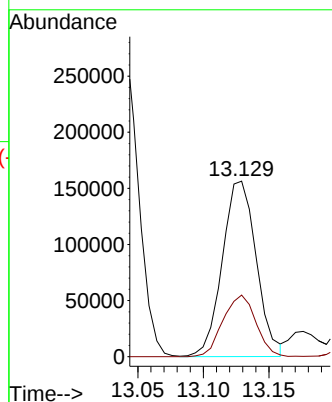
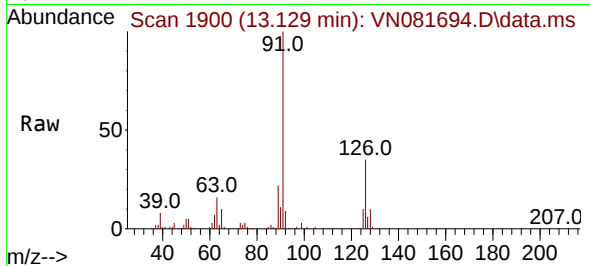
#75
2-Chlorotoluene
Concen: 20.407 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 91 Resp: 282630
Ion Ratio Lower Upper
91 100
126 33.9 0.0 61.2

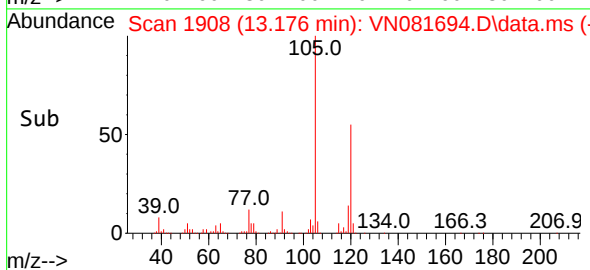
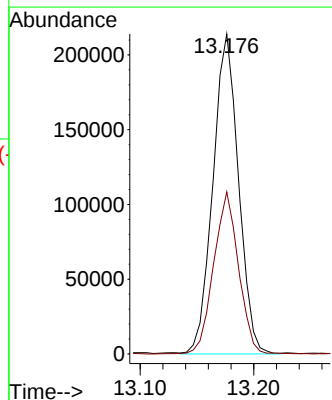
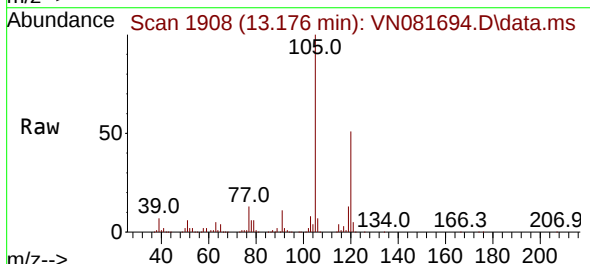
Manual Integrations
APPROVED

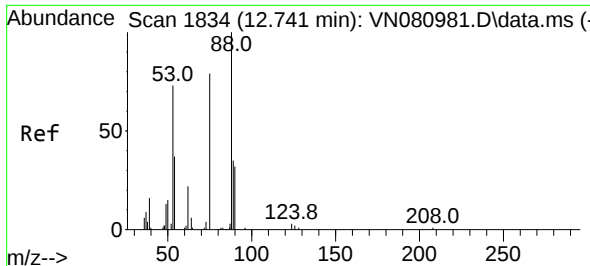
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.310 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion:105 Resp: 334799
Ion Ratio Lower Upper
105 100
120 49.0 0.0 95.8





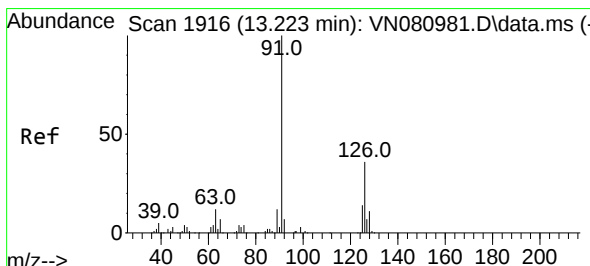
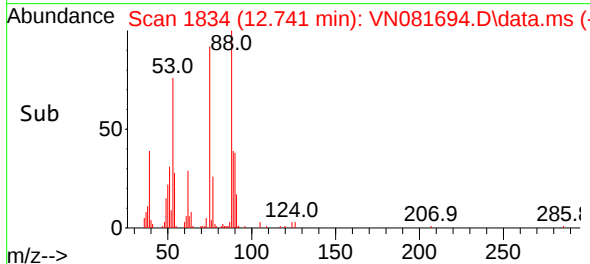
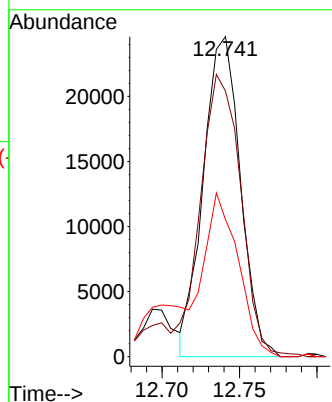
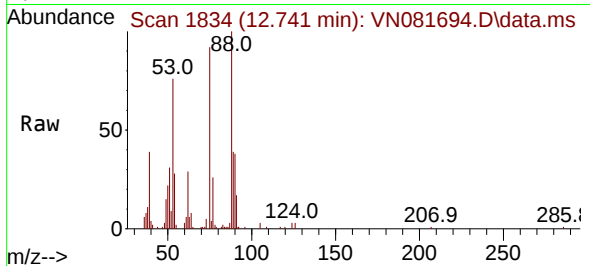
#77
t-1,4-Dichloro-2-butene
Concen: 21.050 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 75 Resp: 40944
Ion Ratio Lower Upper
75 100
53 81.8 45.9 137.7
89 42.8 25.9 77.7

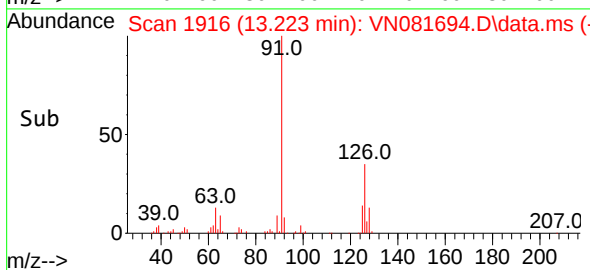
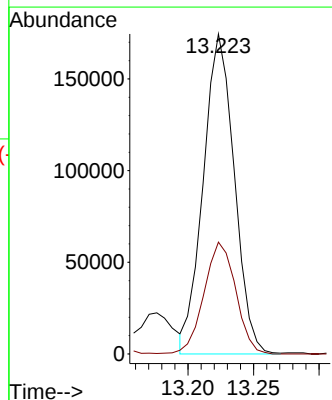
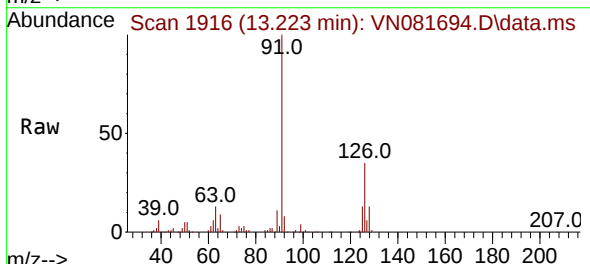
Manual Integrations
APPROVED

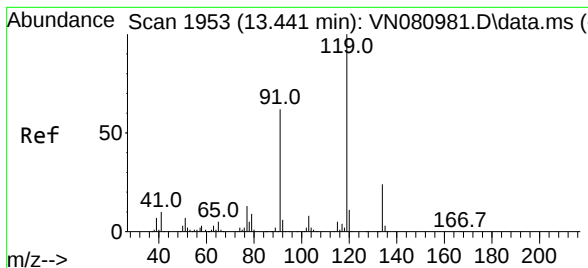
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#78
4-Chlorotoluene
Concen: 20.945 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion: 91 Resp: 287722
Ion Ratio Lower Upper
91 100
126 35.7 0.0 62.8





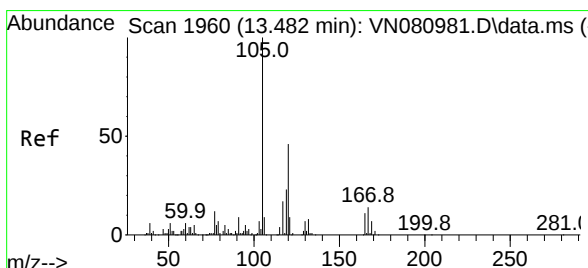
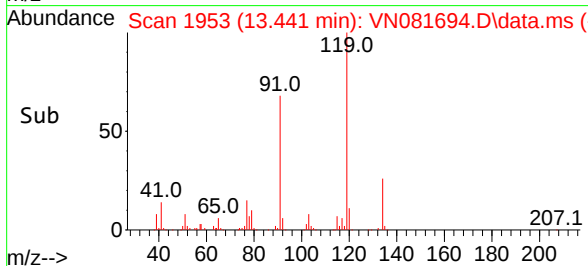
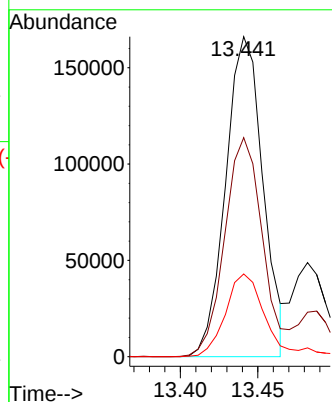
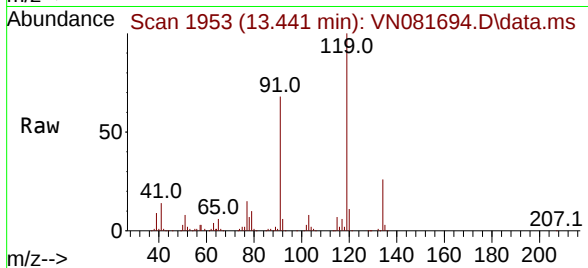
#79
tert-butylbenzene
Concen: 19.834 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:119 Resp: 278154
Ion Ratio Lower Upper
119 100
91 70.0 0.0 138.8
134 26.6 0.0 48.6

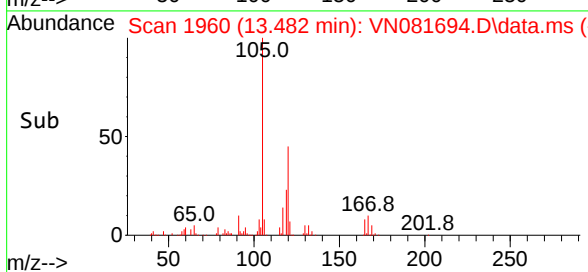
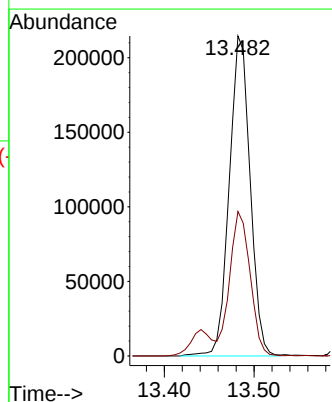
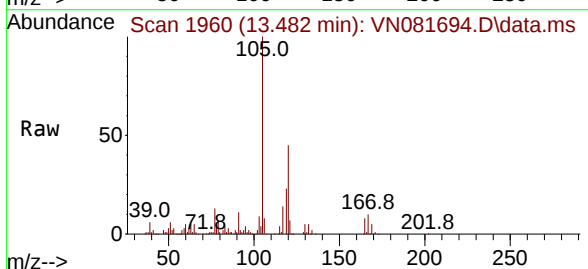
Manual Integrations
APPROVED

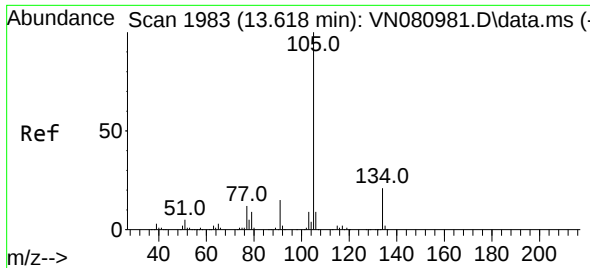
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.090 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion:105 Resp: 346704
Ion Ratio Lower Upper
105 100
120 43.9 0.0 86.8





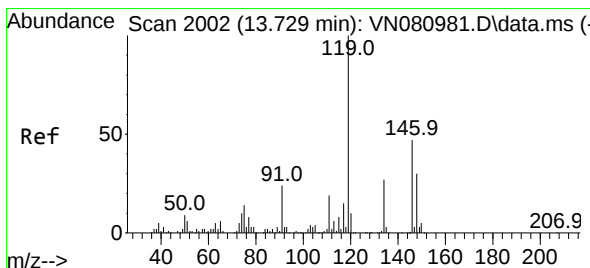
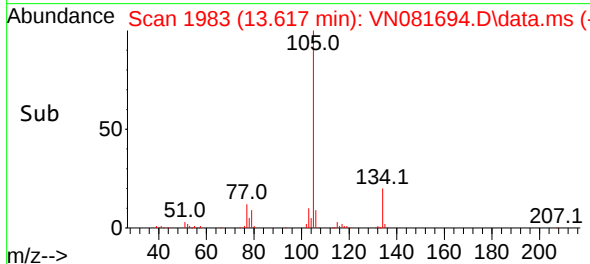
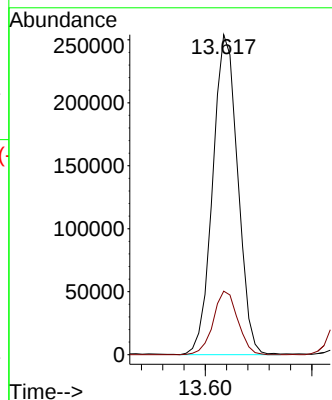
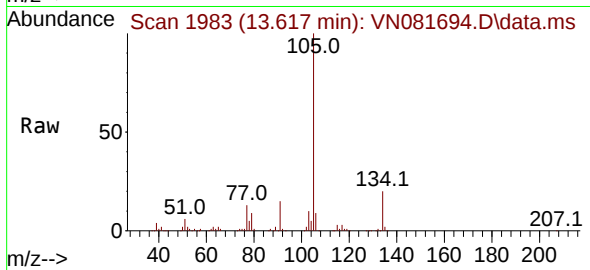
#81
 sec-Butylbenzene
 Concen: 20.514 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081694.D
 Acq: 11 Apr 2024 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

Tgt Ion:105 Resp: 41488
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

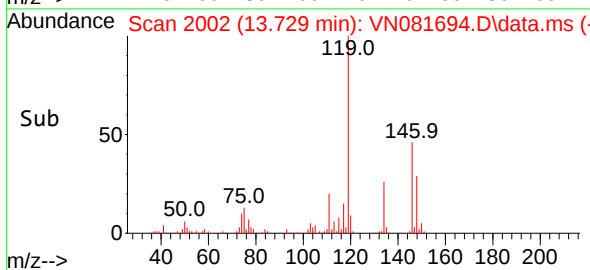
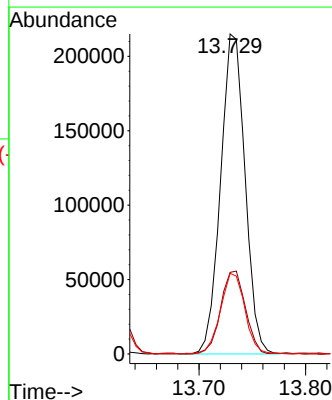
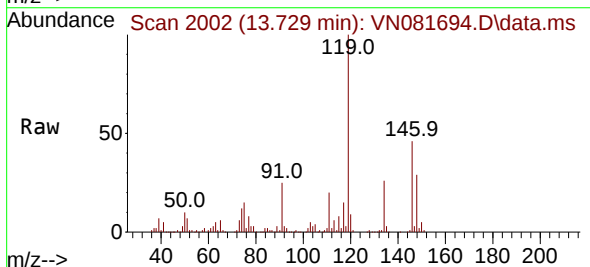
Manual Integrations
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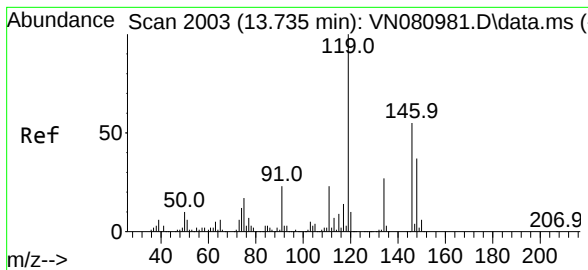
Reviewed By :John Carlone 04/12/2024
 Supervised By :Mahesh Dadoda 04/12/2024



#82
 p-Isopropyltoluene
 Concen: 20.202 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081694.D
 Acq: 11 Apr 2024 13:04

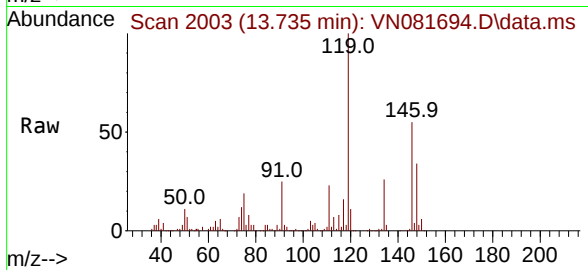
Tgt Ion:119 Resp: 342662
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 49.2
 91 25.2 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 21.552 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

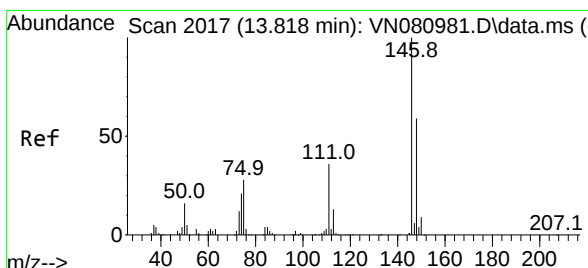
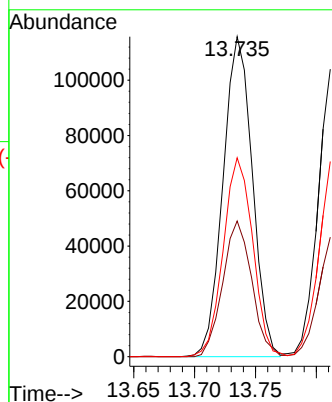
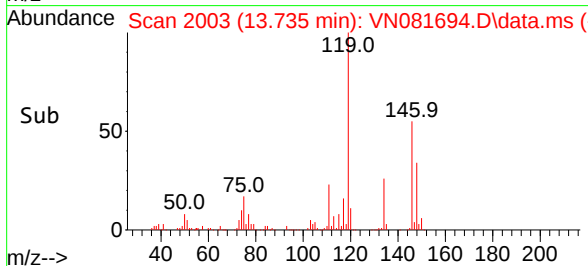
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



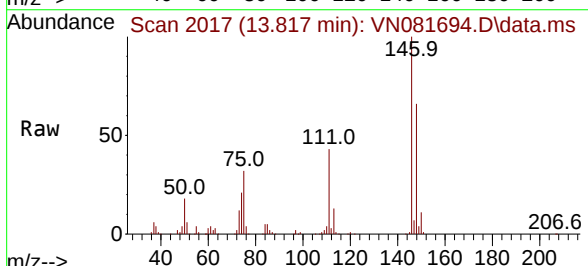
Tgt Ion:146 Resp: 193830
Ion Ratio Lower Upper
146 100
111 42.1 22.4 67.0
148 62.5 32.1 96.5

Manual Integrations
APPROVED

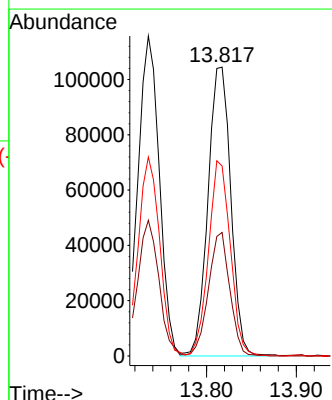
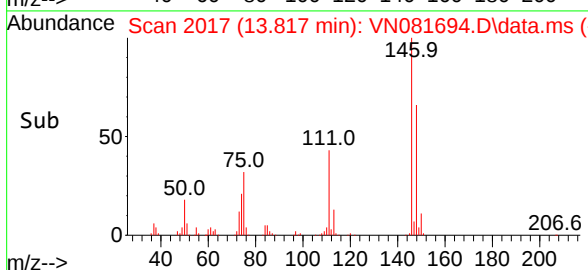
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024

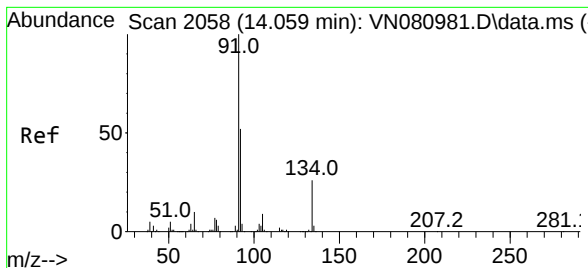


#84
1,4-Dichlorobenzene
Concen: 21.218 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04



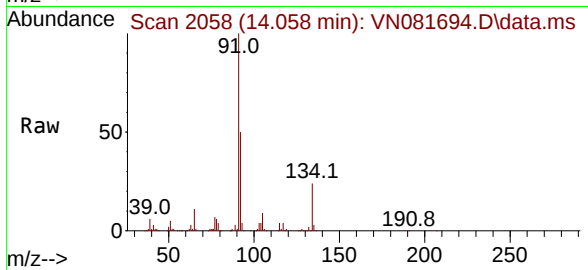
Tgt Ion:146 Resp: 184726
Ion Ratio Lower Upper
146 100
111 40.0 21.3 63.9
148 64.6 31.9 95.5





#85
n-Butylbenzene
Concen: 20.207 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

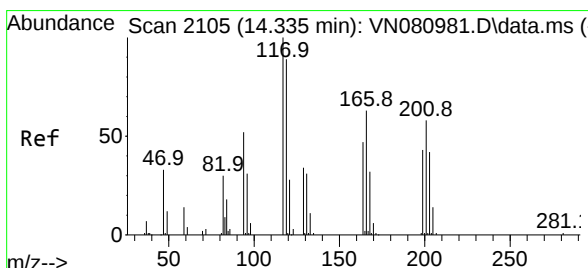
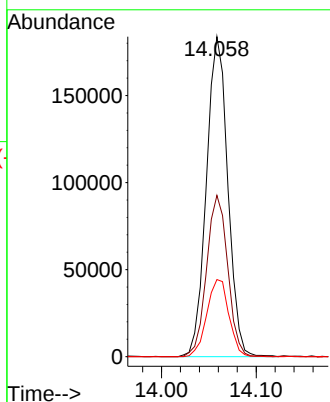
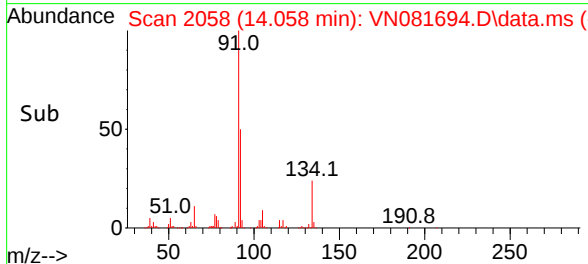
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 91 Resp: 288708
Ion Ratio Lower Upper
91 100
92 49.8 0.0 105.0
134 24.9 0.0 51.8

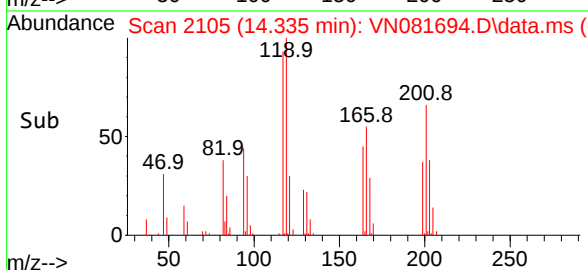
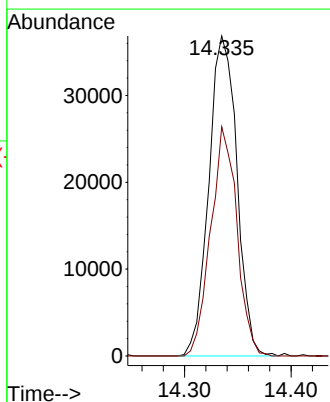
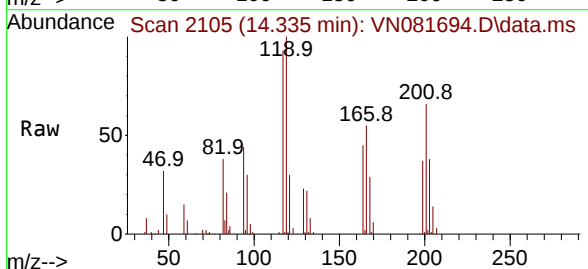
Manual Integrations
APPROVED

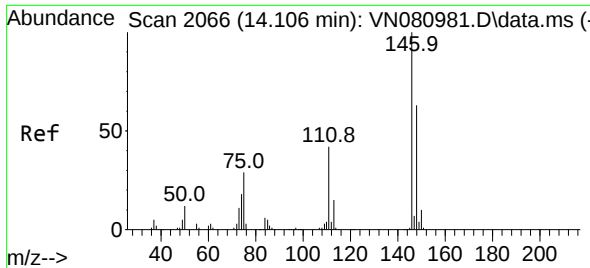
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#86
Hexachloroethane
Concen: 20.845 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

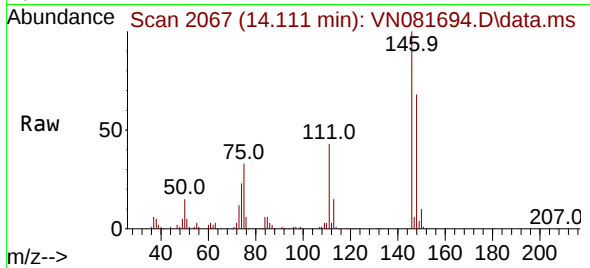
Tgt Ion:117 Resp: 67549
Ion Ratio Lower Upper
117 100
201 66.7 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 21.457 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

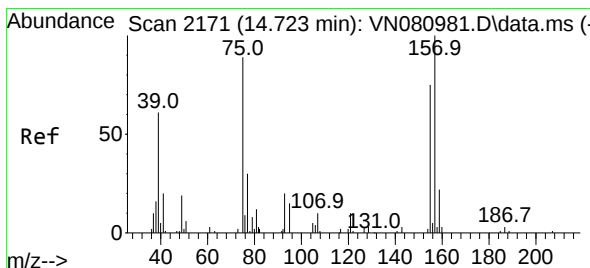
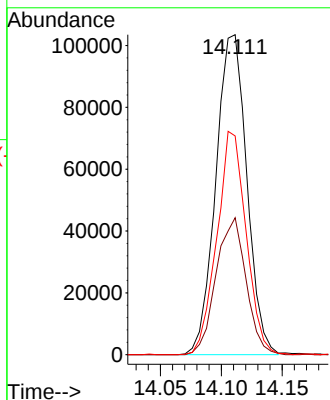
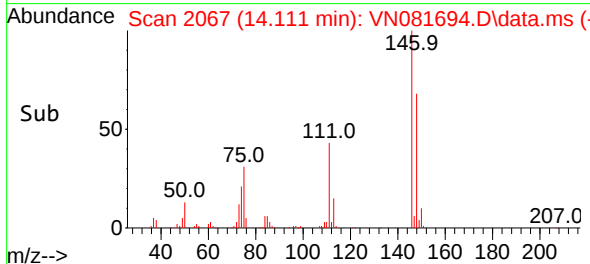
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion:146 Resp: 183690
Ion Ratio Lower Upper
146 100
111 41.3 22.6 67.8
148 65.9 31.3 93.8

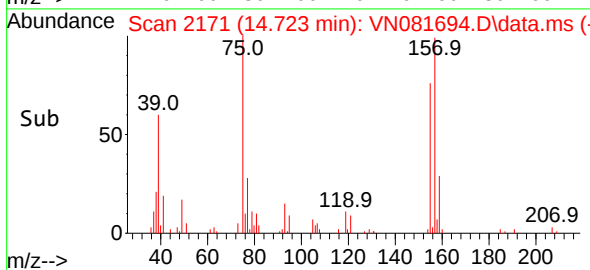
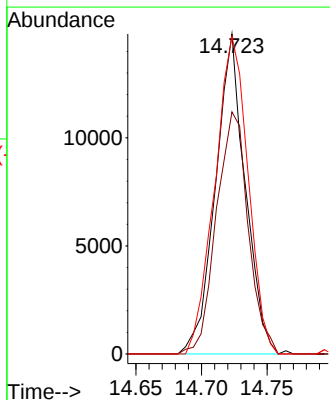
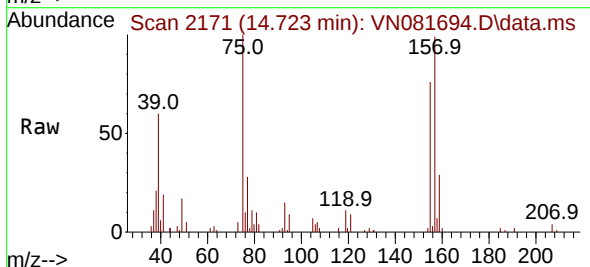
Manual Integrations
APPROVED

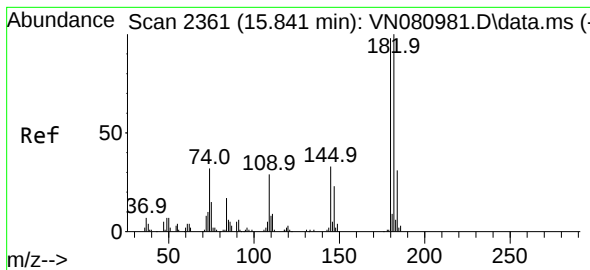
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.066 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion: 75 Resp: 23298
Ion Ratio Lower Upper
75 100
155 81.1 61.7 92.5
157 111.1 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 20.634 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

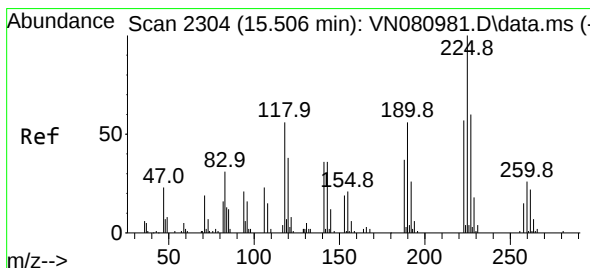
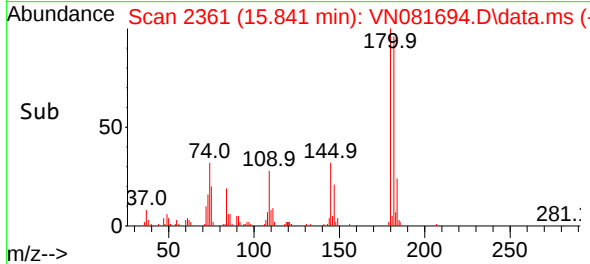
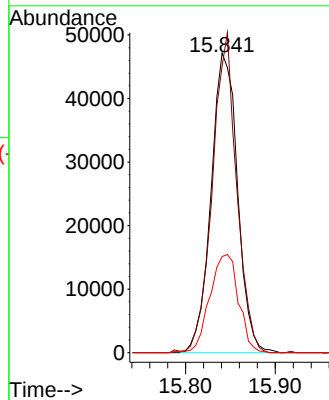
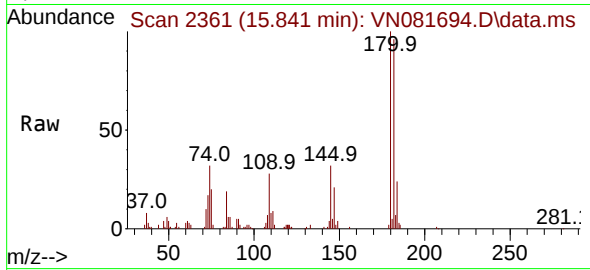
Tgt Ion:180	Resp:	96819
Ion Ratio	Lower	Upper
180	100	
182	97.2	76.4 114.6
145	35.4	28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#90

Hexachlorobutadiene

Concen: 19.835 ug/l

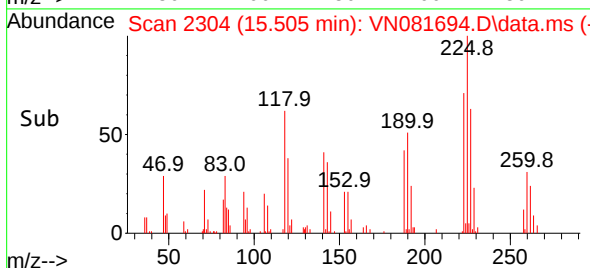
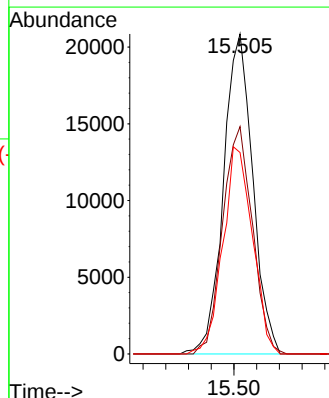
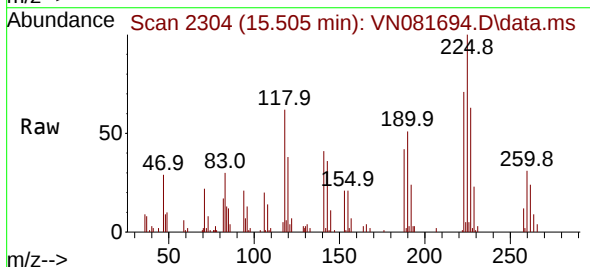
RT: 15.505 min Scan# 2304

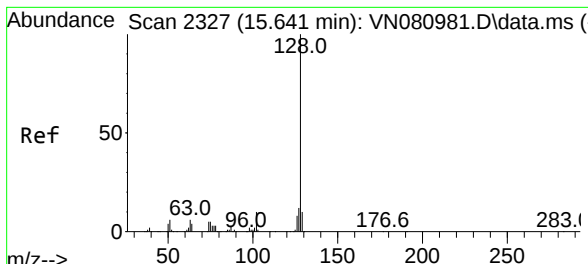
Delta R.T. -0.000 min

Lab File: VN081694.D

Acq: 11 Apr 2024 13:04

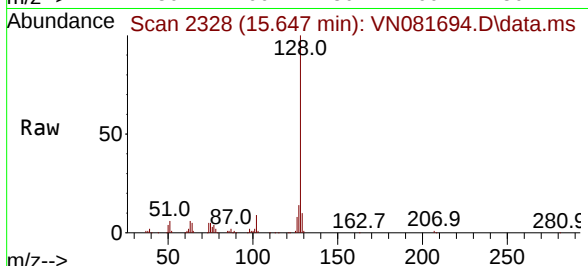
Tgt Ion:225	Resp:	37297
Ion Ratio	Lower	Upper
225	100	
223	72.4	0.0 126.6
227	65.6	0.0 126.6





#91
Naphthalene
Concen: 19.581 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

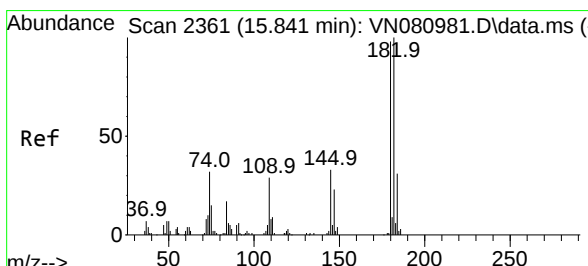
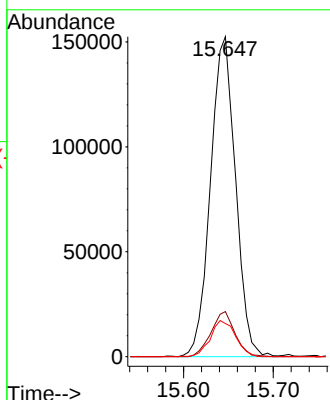
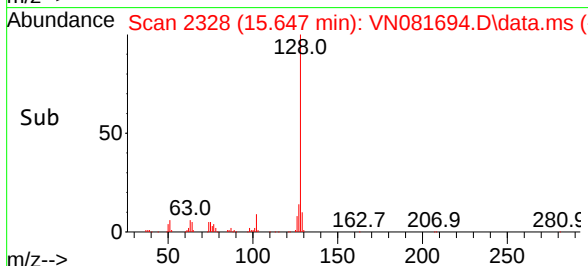
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion:128 Resp: 295398
Ion Ratio Lower Upper
128 100
127 13.5 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: 20.634 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081694.D
Acq: 11 Apr 2024 13:04

Tgt Ion:180 Resp: 96819
Ion Ratio Lower Upper
180 100
182 97.2 0.0 191.0
145 35.4 0.0 71.0

