

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081611.D
 Acq On : 29 Mar 2024 13:30
 Operator : JC\MD
 Sample : VN0329WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

Quant Time: Mar 30 00:27:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	297193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	518491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	478943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	217017	57.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.520%			
35) Dibromofluoromethane	8.165	113	186586	57.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.040%			
50) Toluene-d8	10.565	98	646024	54.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.240%			
62) 4-Bromofluorobenzene	12.847	95	229943	55.169	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	69660	17.408	ug/l	87
3) Chloromethane	2.359	50	70460	17.685	ug/l	96
4) Vinyl Chloride	2.518	62	80019	17.896	ug/l	91
5) Bromomethane	2.965	94	60292	19.066	ug/l	96
6) Chloroethane	3.130	64	59544	19.395	ug/l	95
7) Trichlorofluoromethane	3.501	101	128538	19.288	ug/l	98
8) Diethyl Ether	3.953	74	43770	19.847	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	75212	19.863	ug/l	91
10) Methyl Iodide	4.595	142	73480	19.487	ug/l	98
11) Tert butyl alcohol	5.518	59	64095	97.044	ug/l	97
12) 1,1-Dichloroethene	4.348	96	65049	18.546	ug/l	85
13) Acrolein	4.177	56	49605	83.699	ug/l	94
14) Allyl chloride	5.018	41	80365	18.286	ug/l #	82
15) Acrylonitrile	5.724	53	173629	98.265	ug/l	96
16) Acetone	4.424	43	119187	97.309	ug/l	93
17) Carbon Disulfide	4.718	76	161456	16.041	ug/l	97
18) Methyl Acetate	5.024	43	90779	24.040	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	232265	21.160	ug/l	97
20) Methylene Chloride	5.277	84	83270	20.754	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	72535	18.548	ug/l	96
22) Diisopropyl ether	6.671	45	222852	21.823	ug/l #	93
23) Vinyl Acetate	6.600	43	802576	98.738	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	137384	20.086	ug/l	94
25) 2-Butanone	7.483	43	206307	98.202	ug/l	91
26) 2,2-Dichloropropane	7.494	77	121158	20.424	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	92293	20.859	ug/l	82
28) Bromochloromethane	7.806	49	53556	19.224	ug/l #	50
29) Tetrahydrofuran	7.841	42	137621	97.240	ug/l #	76
30) Chloroform	7.971	83	158966	21.711	ug/l	100
31) Cyclohexane	8.259	56	111256	18.040	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	140390	21.134	ug/l #	86
36) 1,1-Dichloropropene	8.371	75	105504	19.159	ug/l	97
37) Ethyl Acetate	7.559	43	87750	18.609	ug/l #	96
38) Carbon Tetrachloride	8.365	117	119368	19.788	ug/l	97
39) Methylcyclohexane	9.600	83	111707	18.165	ug/l #	88
40) Benzene	8.606	78	322726	20.046	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49194	19.727	ug/l	88
42) 1,2-Dichloroethane	8.671	62	114580	20.223	ug/l	98
43) Isopropyl Acetate	8.688	43	152458	19.505	ug/l #	90
44) Trichloroethene	9.347	130	87837	19.399	ug/l	91
45) 1,2-Dichloropropane	9.624	63	82714	21.199	ug/l	99
46) Dibromomethane	9.706	93	60913	20.557	ug/l #	88
47) Bromodichloromethane	9.888	83	125638	21.687	ug/l #	92
48) Methyl methacrylate	9.683	41	66355	18.405	ug/l #	78
49) 1,4-Dioxane	9.694	88	33802	390.150	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	469050	98.345	ug/l	91
52) Toluene	10.630	92	204665	20.001	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	126694	20.253	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	135481	20.200	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	87105	21.152	ug/l	88
56) Ethyl methacrylate	10.877	69	110790	19.615	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	139752	20.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	280547	108.270	ug/l #	82
59) 2-Hexanone	11.194	43	344108	97.585	ug/l	91
60) Dibromochloromethane	11.359	129	94938	20.963	ug/l	100
61) 1,2-Dibromoethane	11.471	107	88833	21.159	ug/l	98
64) Tetrachloroethene	11.106	164	90239	19.711	ug/l #	80
65) Chlorobenzene	11.894	112	226673	20.020	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	87466	20.843	ug/l	96
67) Ethyl Benzene	11.965	91	377275	19.183	ug/l	96
68) m/p-Xylenes	12.071	106	300376	40.740	ug/l	94
69) o-Xylene	12.400	106	141022	19.483	ug/l	95
70) Styrene	12.412	104	236833	20.287	ug/l	96
71) Bromoform	12.582	173	63622	20.176	ug/l #	95
73) Isopropylbenzene	12.694	105	367598	18.535	ug/l	97
74) N-amyl acetate	12.494	43	126013	17.557	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	112931	19.367	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	104630m	18.800	ug/l	
77) Bromobenzene	12.982	156	93474	19.079	ug/l	71
78) n-propylbenzene	13.035	91	447980	19.127	ug/l	98
79) 2-Chlorotoluene	13.123	91	266176	18.988	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	317810	19.401	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	37616	18.264	ug/l	85
82) 4-Chlorotoluene	13.223	91	263565	19.071	ug/l	91
83) tert-Butylbenzene	13.441	119	262899	18.611	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	326238	19.815	ug/l	94
85) sec-Butylbenzene	13.618	105	381671	18.901	ug/l	95
86) p-Isopropyltoluene	13.729	119	318857	19.317	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	174815	19.421	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	176438	18.930	ug/l	97
89) n-Butylbenzene	14.059	91	272005	18.583	ug/l	95
90) Hexachloroethane	14.335	117	58861	18.829	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	170999	19.737	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22342	18.004	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	91407	18.247	ug/l	98
94) Hexachlorobutadiene	15.506	225	36970	16.820	ug/l	97
95) Naphthalene	15.641	128	286828	17.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93669	18.589	ug/l	98

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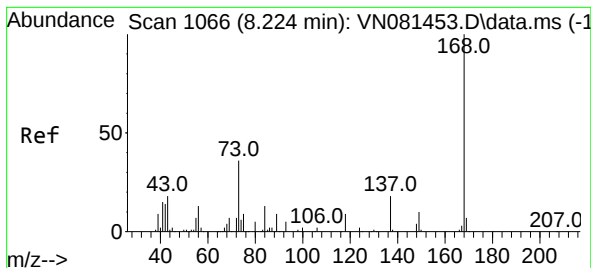
Manual Integrations
APPROVED

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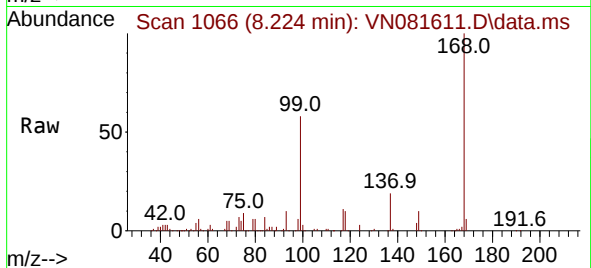
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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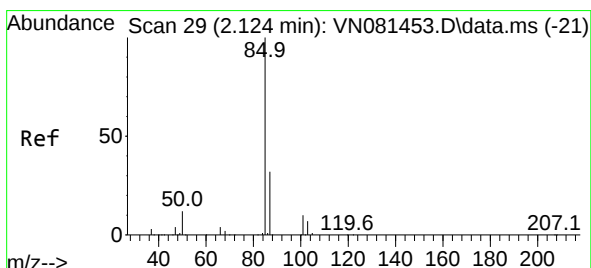
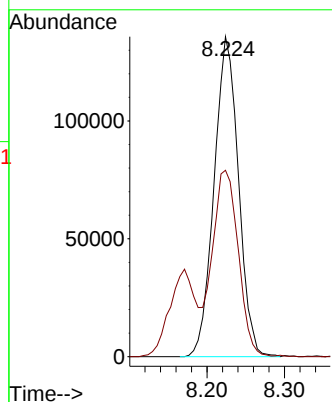
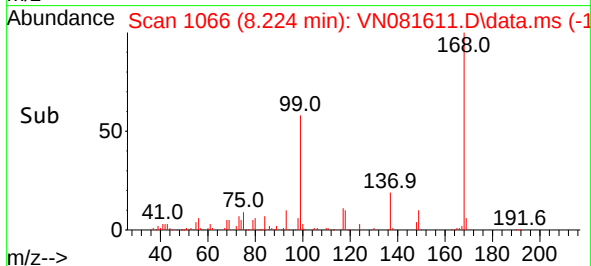
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 297193
Ion Ratio Lower Upper
168 100
99 57.8 59.9 89.9

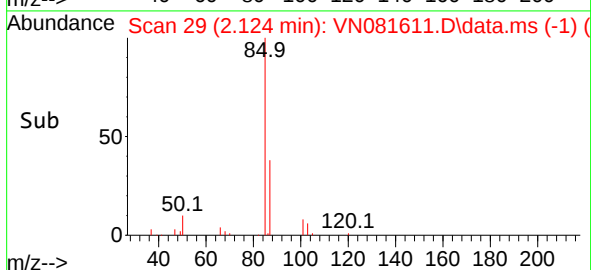
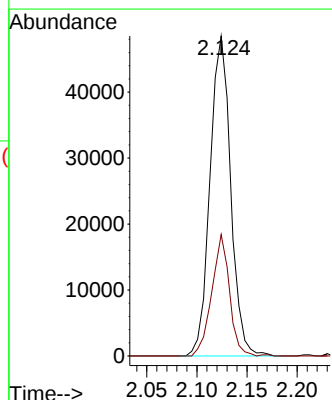
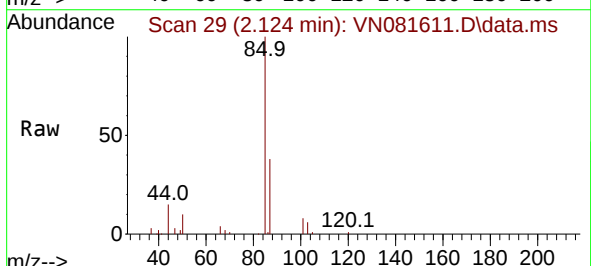
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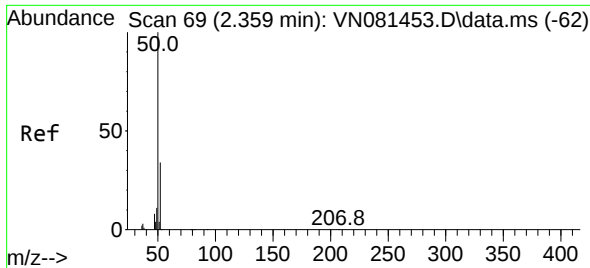
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#2
Dichlorodifluoromethane
Concen: 17.408 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

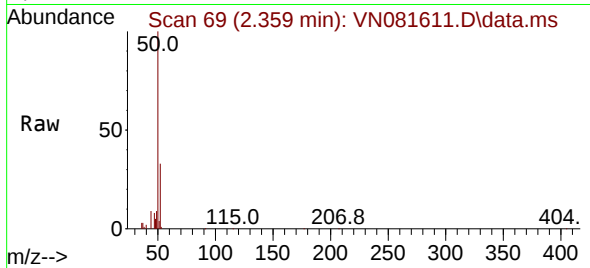
Tgt Ion: 85 Resp: 69660
Ion Ratio Lower Upper
85 100
87 37.9 15.3 45.9





#3
Chloromethane
Concen: 17.685 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

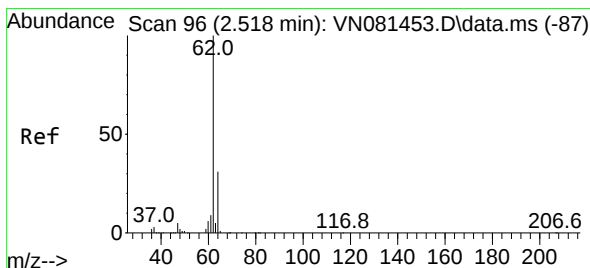
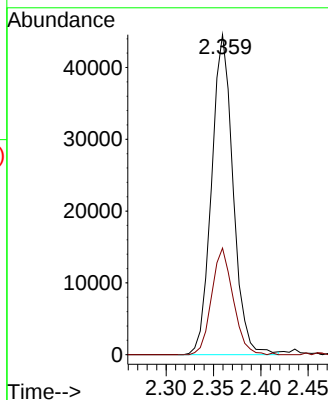
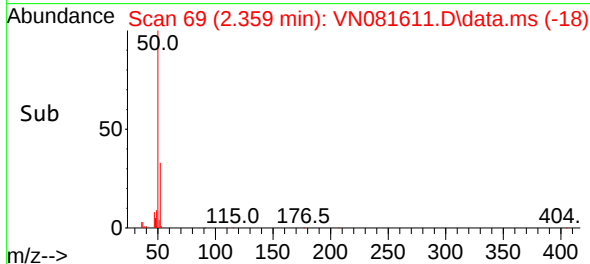
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Tgt Ion: 50 Resp: 70460
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4

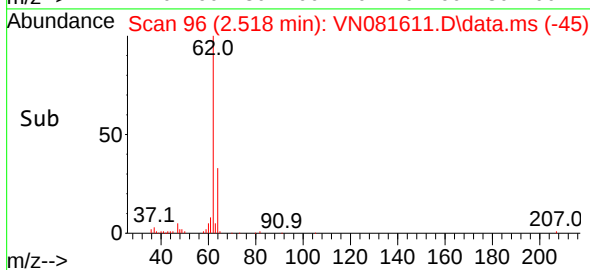
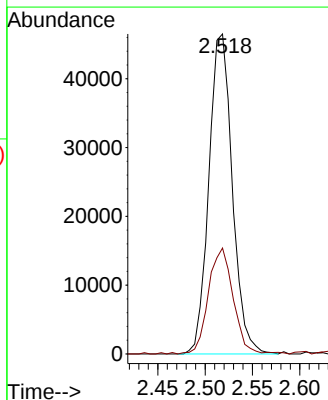
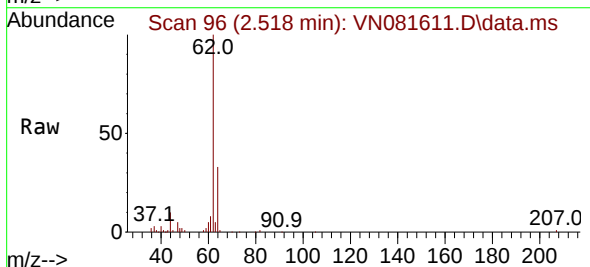
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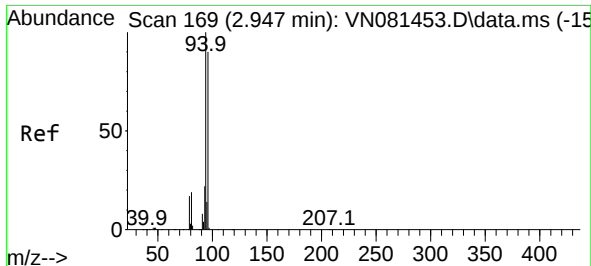
Reviewed By :John Carlone 04/01/2024
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#4
Vinyl Chloride
Concen: 17.896 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion: 62 Resp: 80019
Ion Ratio Lower Upper
62 100
64 33.1 22.7 34.1





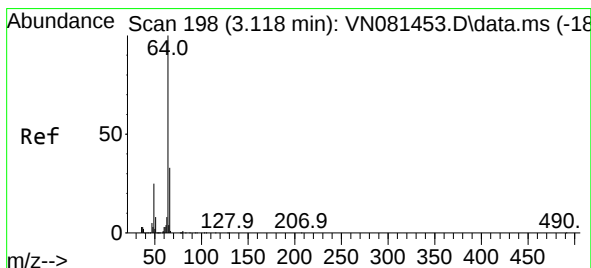
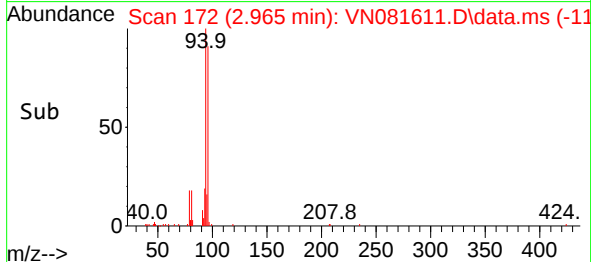
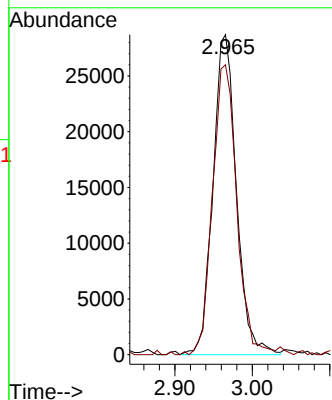
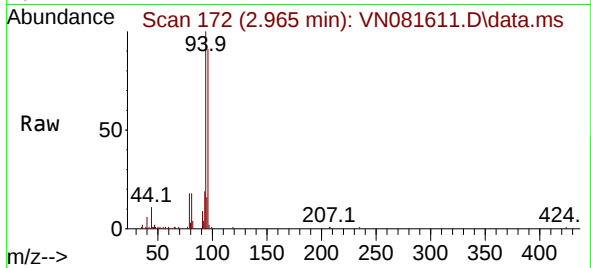
#5
Bromomethane
Concen: 19.066 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081611.D
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Tgt Ion: 94 Resp: 60292
Ion Ratio Lower Upper
94 100
96 90.6 69.2 103.8

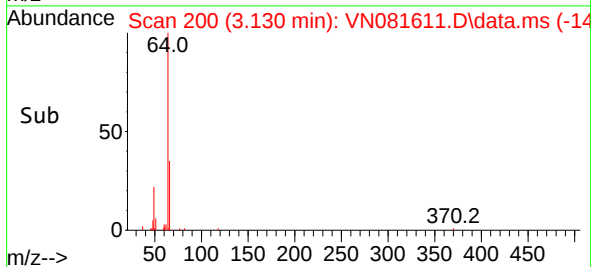
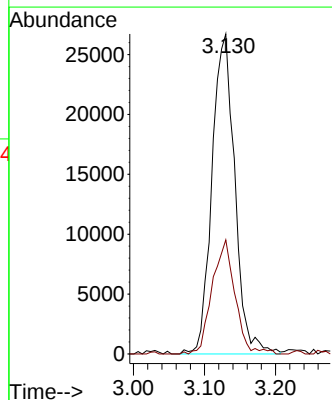
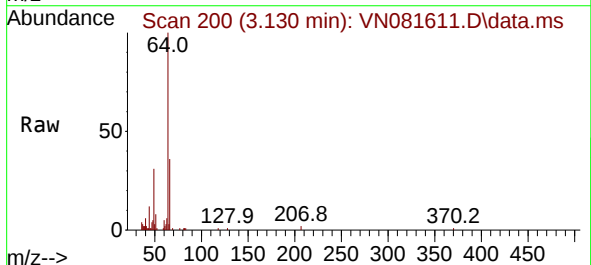
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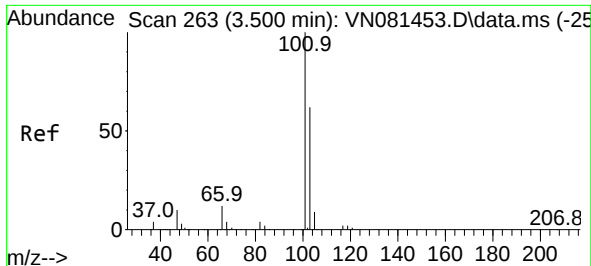
Reviewed By :John Carlone 04/01/2024
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#6
Chloroethane
Concen: 19.395 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081611.D
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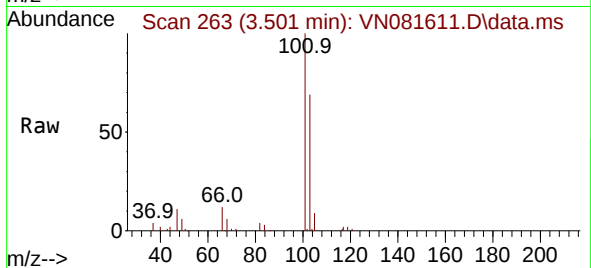
Tgt Ion: 64 Resp: 59544
Ion Ratio Lower Upper
64 100
66 35.7 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.288 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081611.D
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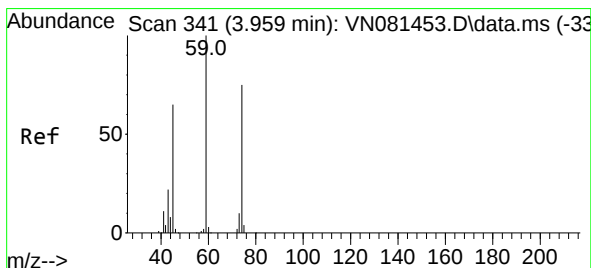
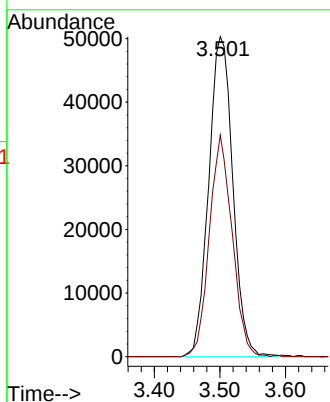
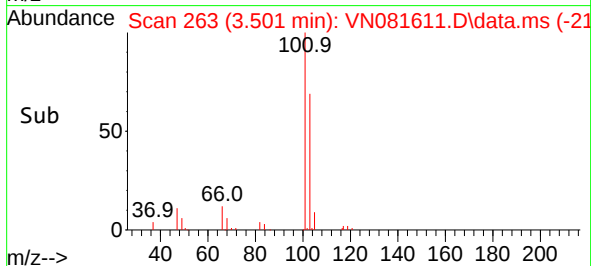
Instrument :
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Tgt Ion:101 Resp: 128538
 Ion Ratio Lower Upper
 101 100
 103 69.2 54.4 81.6

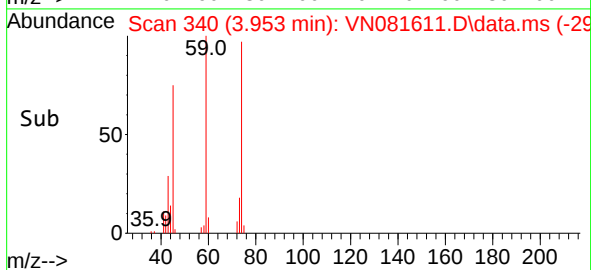
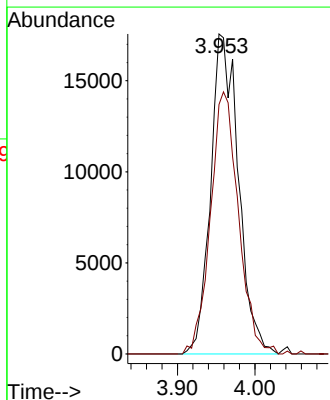
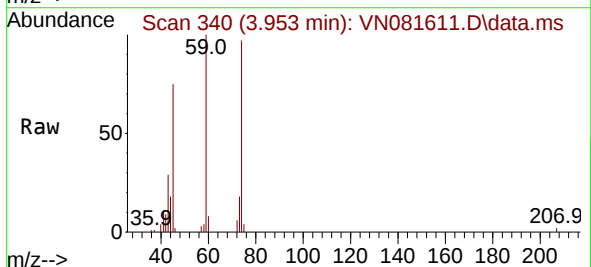
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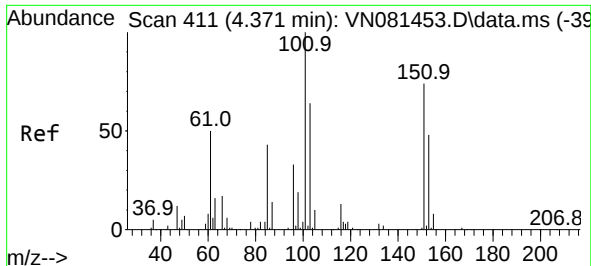
Reviewed By :John Carlone 04/01/2024
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#8
 Diethyl Ether
 Concen: 19.847 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN081611.D
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Tgt Ion: 74 Resp: 43770
 Ion Ratio Lower Upper
 74 100
 45 82.6 53.3 159.9





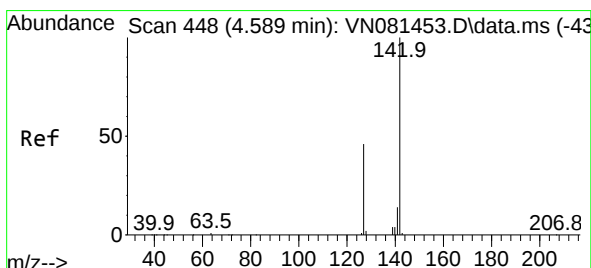
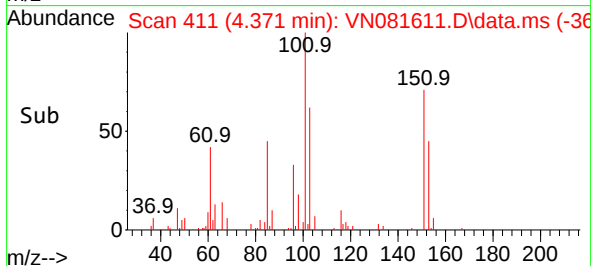
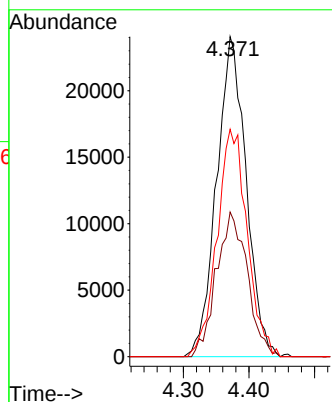
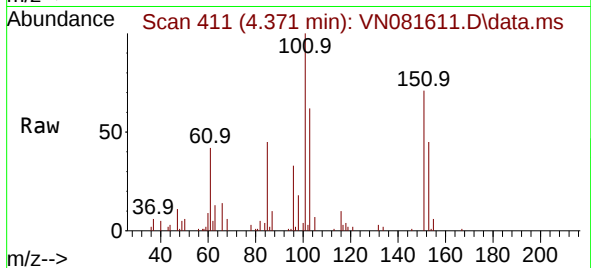
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.863 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion:101 Resp: 7521
Ion Ratio Lower Upper
101 100
85 47.3 38.1 57.1
151 72.8 49.1 73.7

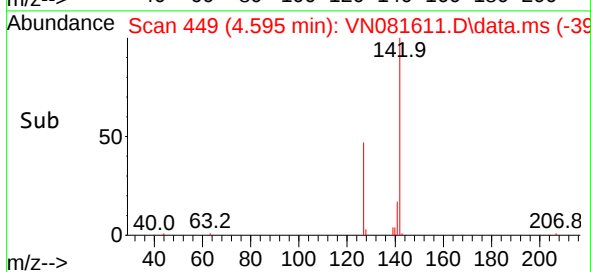
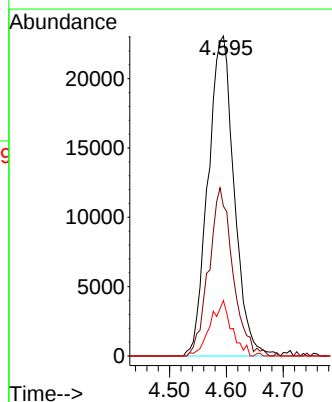
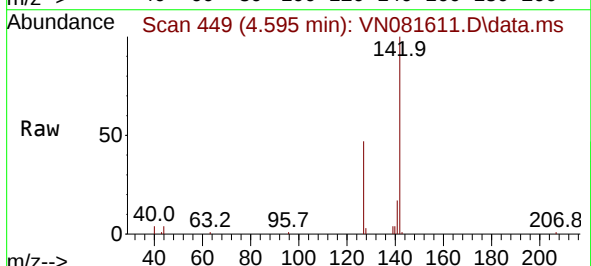
Manual Integrations
APPROVED

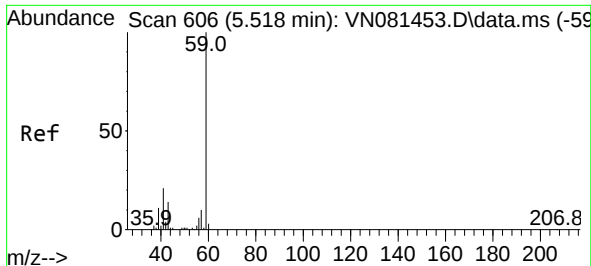
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#10
Methyl Iodide
Concen: 19.487 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

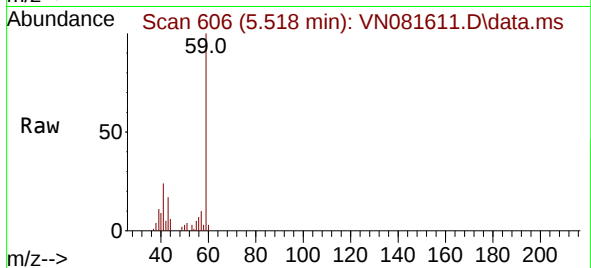
Tgt Ion:142 Resp: 73480
Ion Ratio Lower Upper
142 100
127 46.8 37.0 55.4
141 17.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 97.044 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

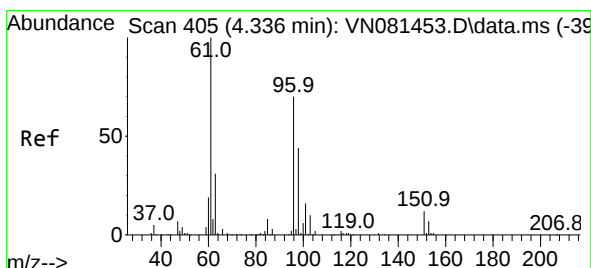
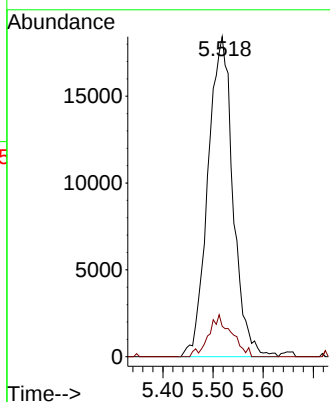
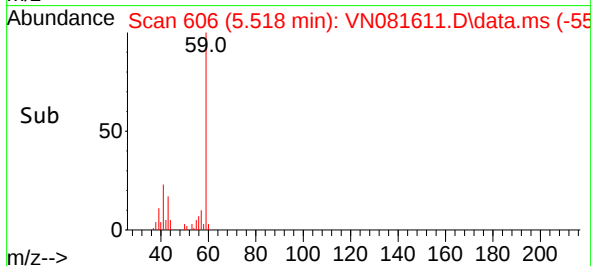
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



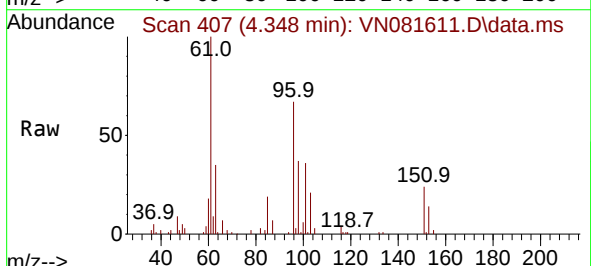
Tgt Ion: 59 Resp: 6409
Ion Ratio Lower Upper
59 100
57 11.9 8.6 12.8

Manual Integrations
APPROVED

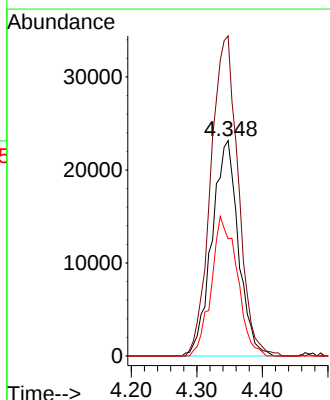
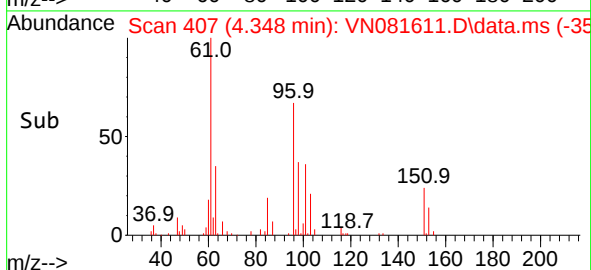
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

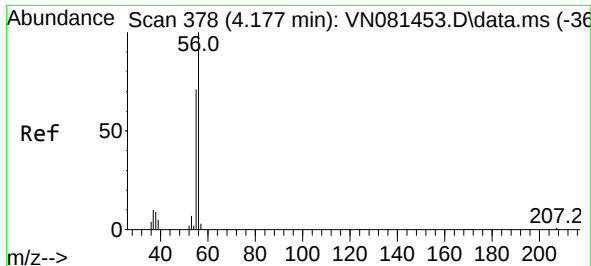


#12
1,1-Dichloroethene
Concen: 18.546 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30



Tgt Ion: 96 Resp: 65049
Ion Ratio Lower Upper
96 100
61 148.6 138.2 207.4
98 54.4 49.2 73.8





#13

Acrolein

Concen: 83.699 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

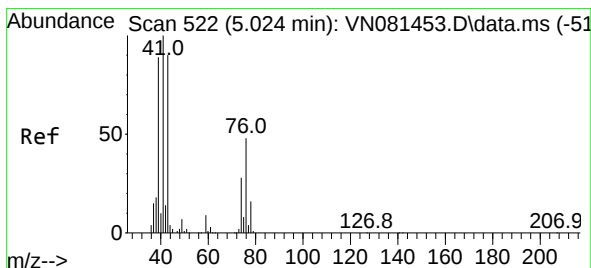
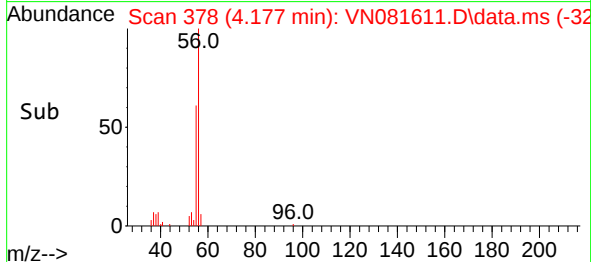
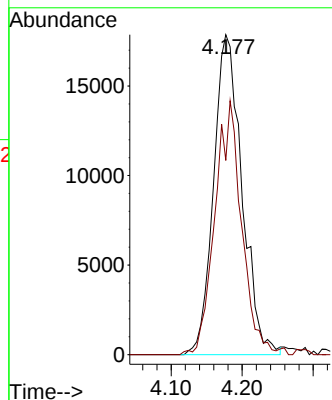
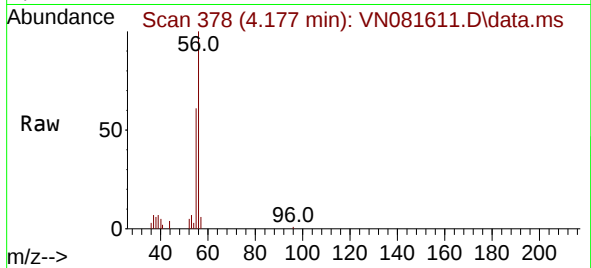
ClientSampleId :

VN0329WBSD01

Tgt Ion: 56 Resp: 4960
 Ion Ratio Lower Upper
 56 100
 55 74.0 55.3 82.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#14

Allyl chloride

Concen: 18.286 ug/l

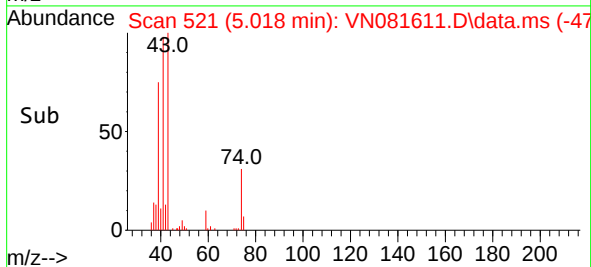
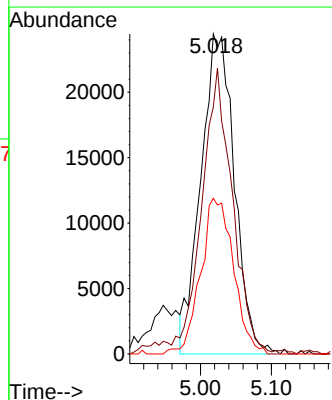
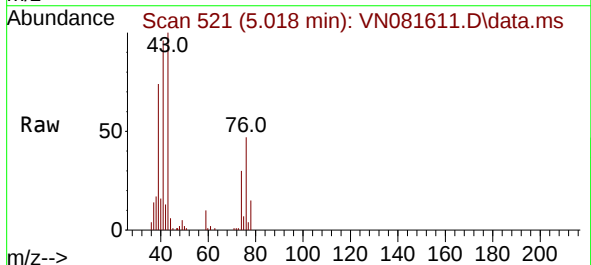
RT: 5.018 min Scan# 521

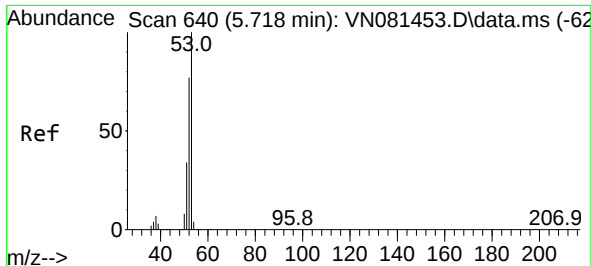
Delta R.T. -0.006 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

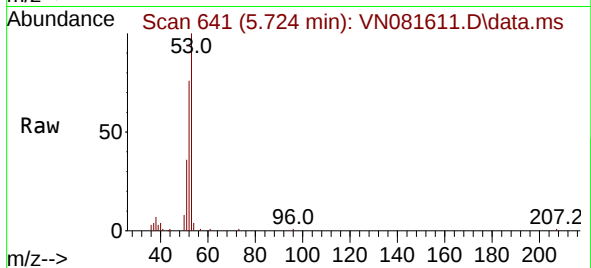
Tgt Ion: 41 Resp: 80365
 Ion Ratio Lower Upper
 41 100
 39 83.9 57.7 86.5
 76 47.6 26.8 40.2#





#15
Acrylonitrile
Concen: 98.265 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

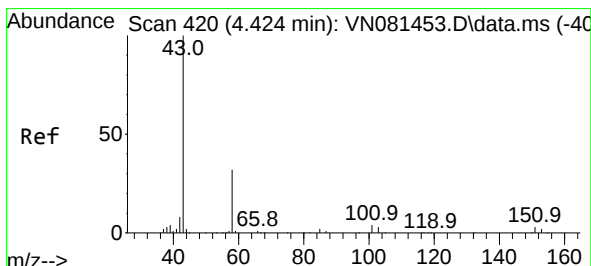
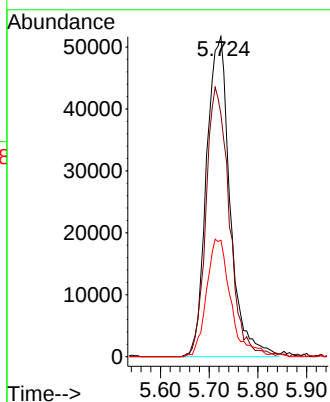
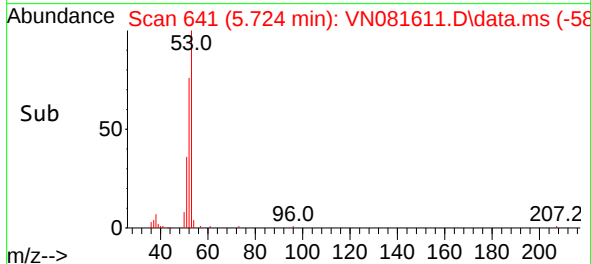
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 53 Resp: 173629
Ion Ratio Lower Upper
53 100
52 83.2 64.8 97.2
51 37.6 26.9 40.3

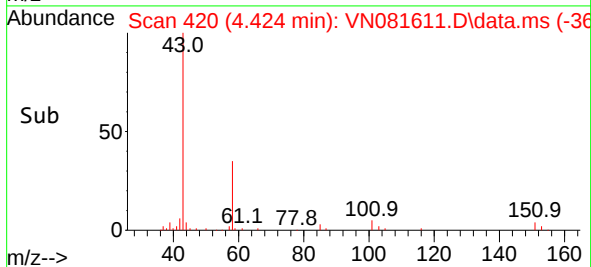
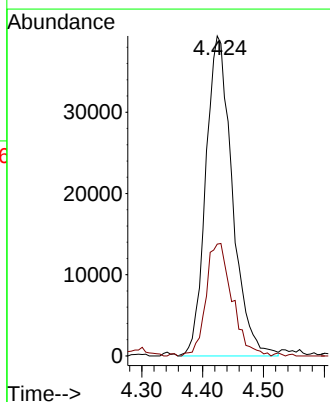
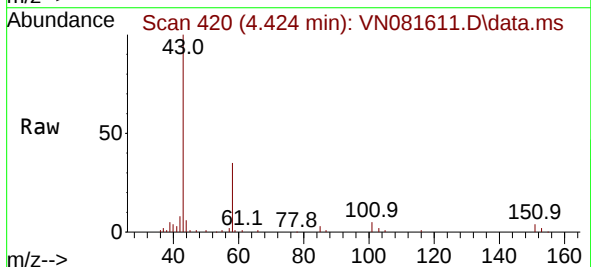
Manual Integrations
APPROVED

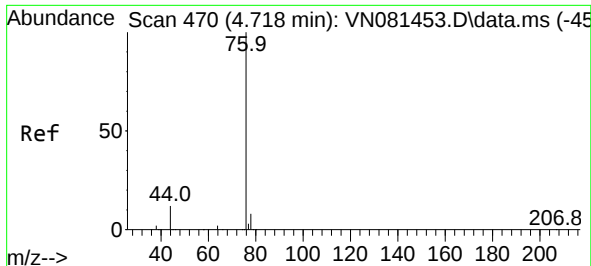
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#16
Acetone
Concen: 97.309 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

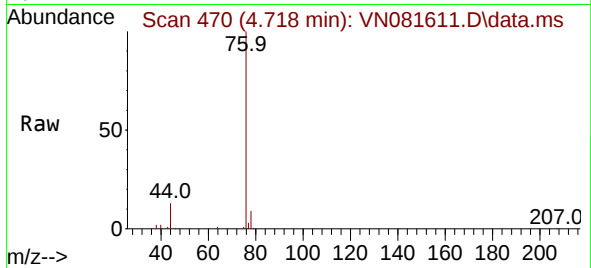
Tgt Ion: 43 Resp: 119187
Ion Ratio Lower Upper
43 100
58 34.9 24.8 37.2





#17
Carbon Disulfide
Concen: 16.041 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

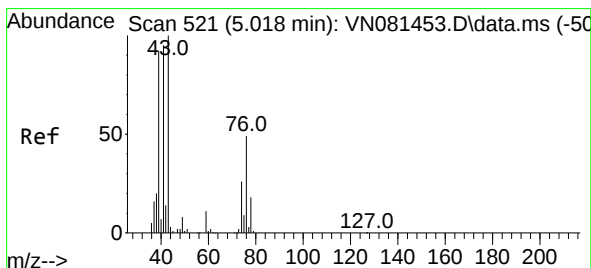
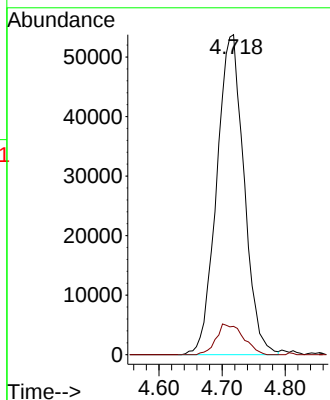
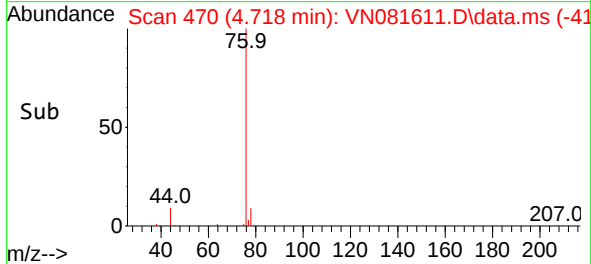
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



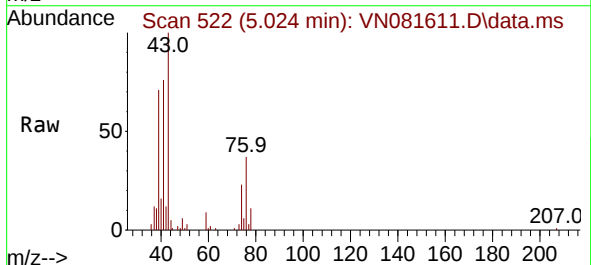
Tgt Ion: 76 Resp: 161456
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5

Manual Integrations
APPROVED

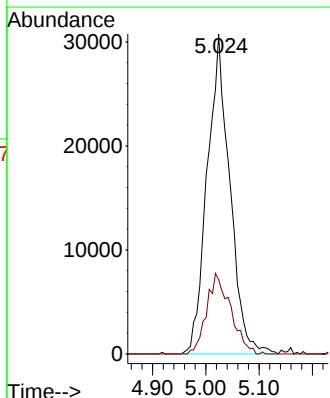
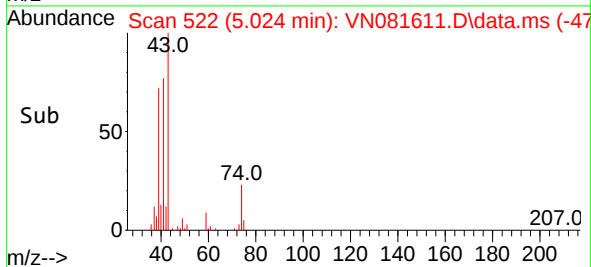
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

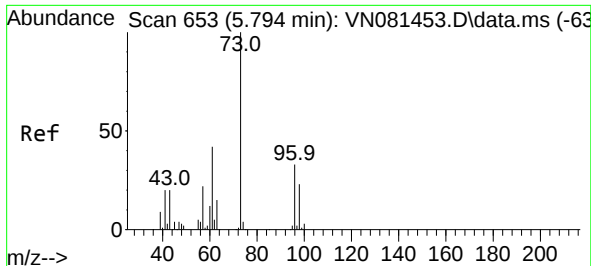


#18
Methyl Acetate
Concen: 24.040 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30



Tgt Ion: 43 Resp: 90779
Ion Ratio Lower Upper
43 100
74 26.7 17.3 25.9#





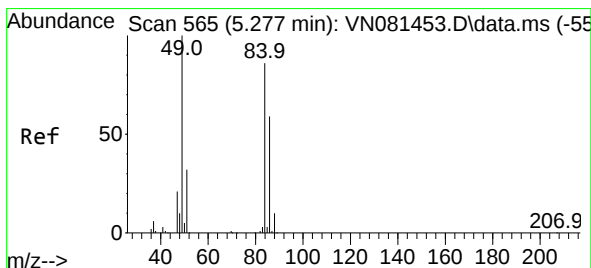
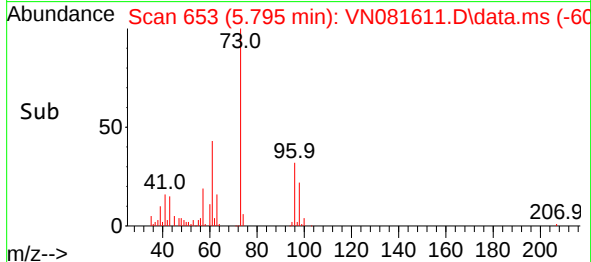
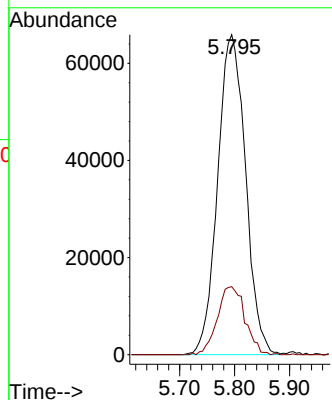
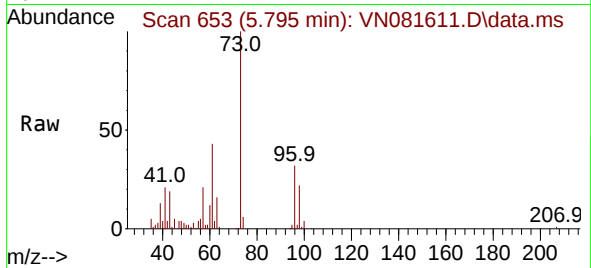
#19
Methyl tert-butyl Ether
Concen: 21.160 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion: 73 Resp: 23226
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.4

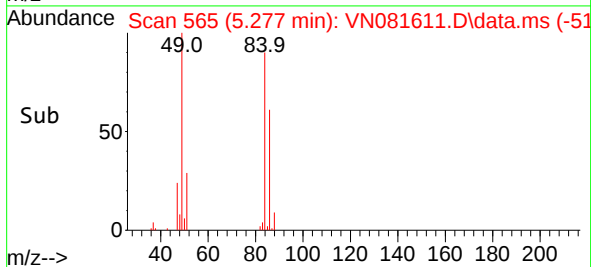
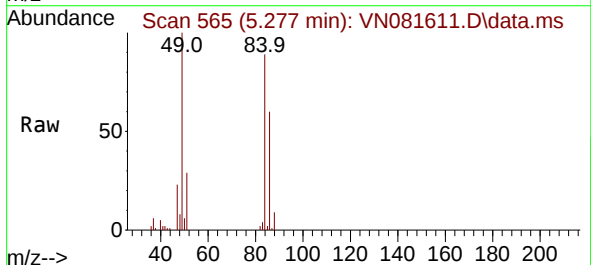
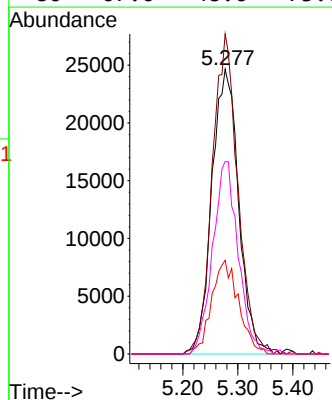
Manual Integrations
APPROVED

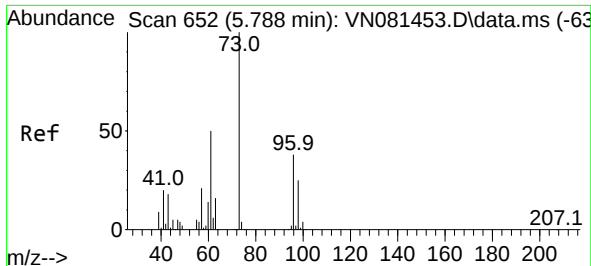
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#20
Methylene Chloride
Concen: 20.754 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion: 84 Resp: 83270
Ion Ratio Lower Upper
84 100
49 112.4 108.1 162.1
51 32.9 32.9 49.3
86 67.6 48.6 73.0





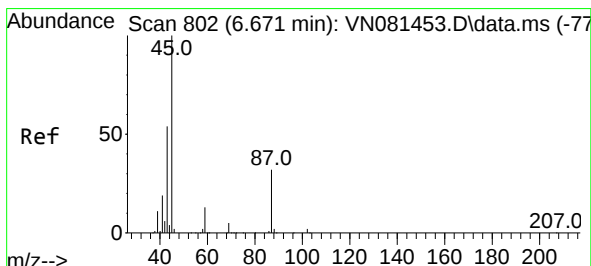
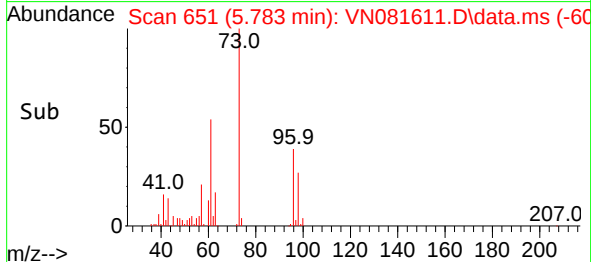
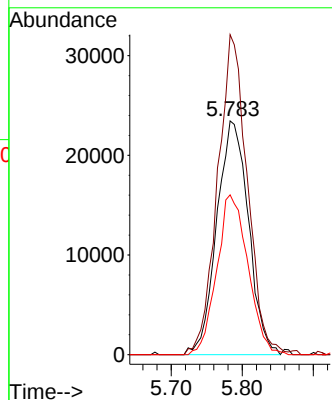
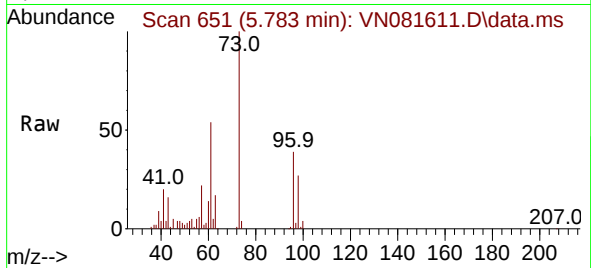
#21
trans-1,2-Dichloroethene
Concen: 18.548 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion: 96 Resp: 7253
Ion Ratio Lower Upper
96 100
61 136.9 112.8 169.2
98 68.4 51.0 76.4

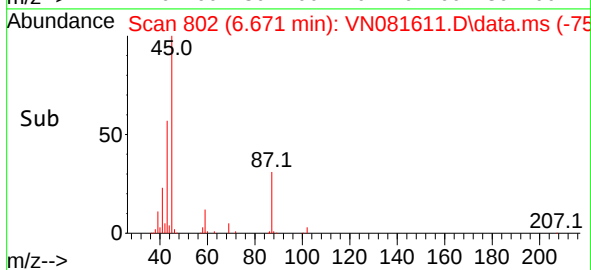
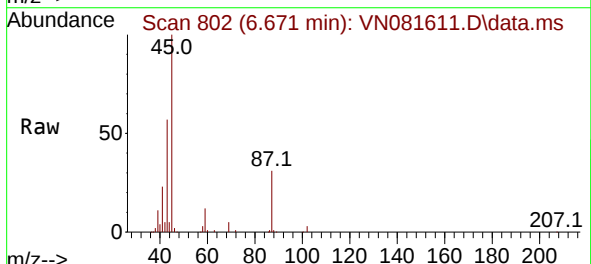
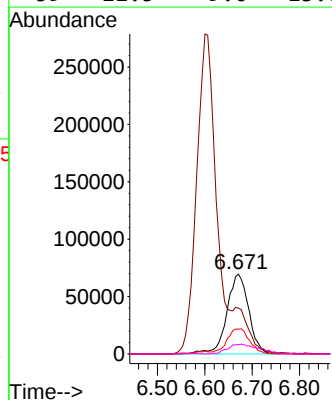
Manual Integrations
APPROVED

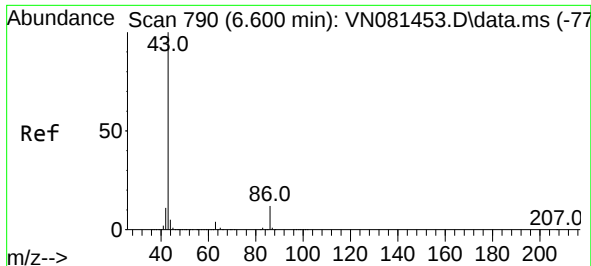
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#22
Diisopropyl ether
Concen: 21.823 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion: 45 Resp: 222852
Ion Ratio Lower Upper
45 100
43 55.3 41.8 62.8
87 31.1 18.1 27.1#
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 98.738 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081611.D
 Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

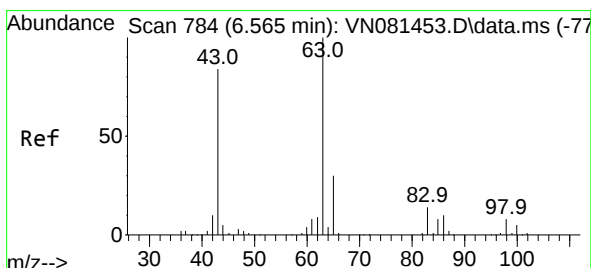
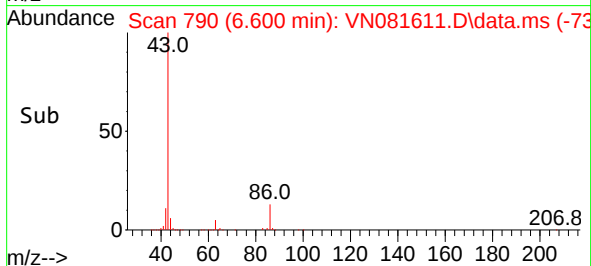
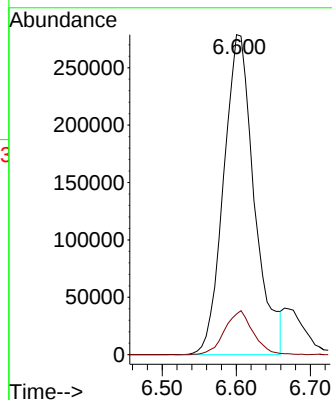
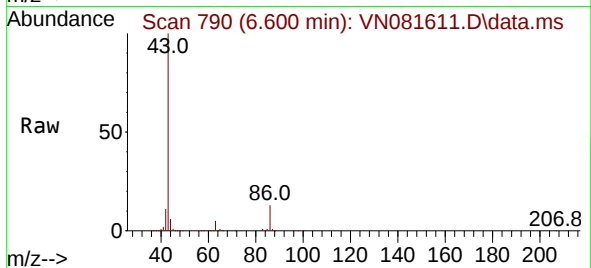
VN0329WBSD01

Tgt Ion: 43 Resp: 802570
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.1 10.7

Manual Integrations

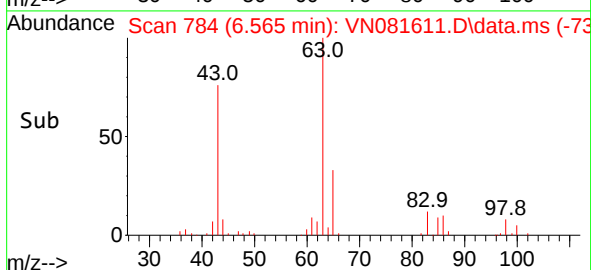
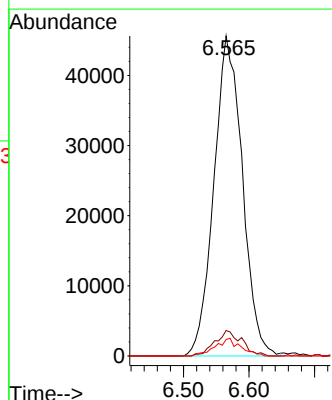
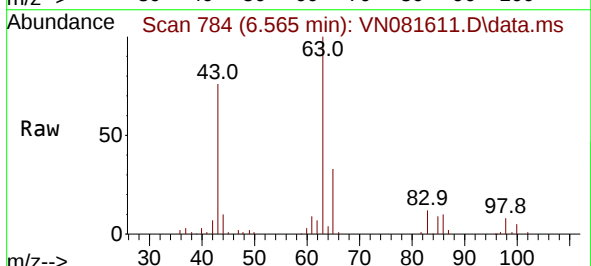
APPROVED

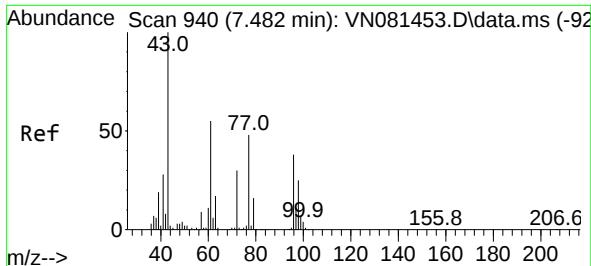
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#24
 1,1-Dichloroethane
 Concen: 20.086 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081611.D
 Acq: 29 Mar 2024 13:30

Tgt Ion: 63 Resp: 137384
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 5.1 1.9 5.7





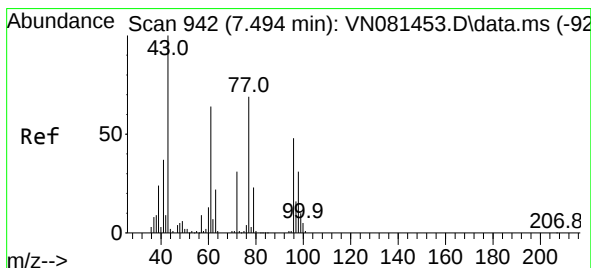
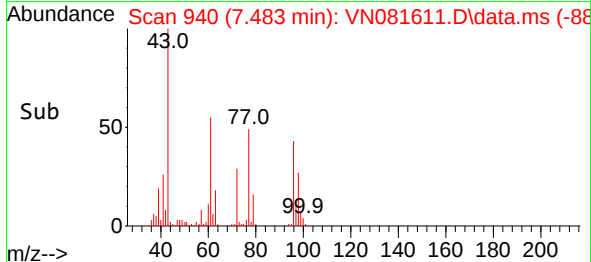
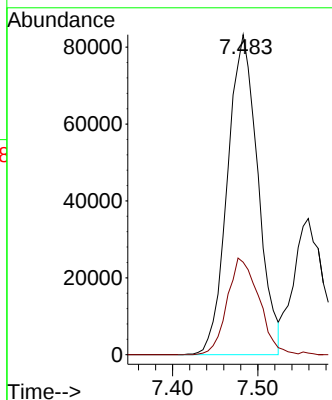
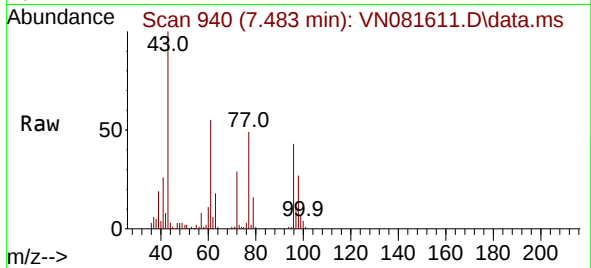
#25
2-Butanone
Concen: 98.202 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion: 43 Resp: 20630
Ion Ratio Lower Upper
43 100
72 29.0 19.5 29.3

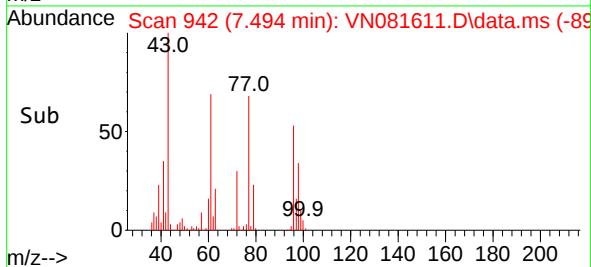
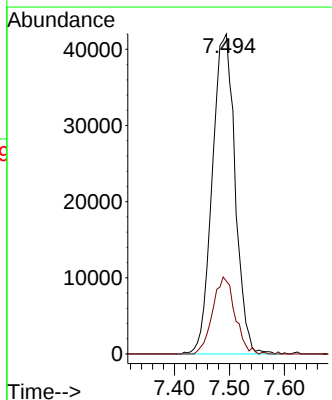
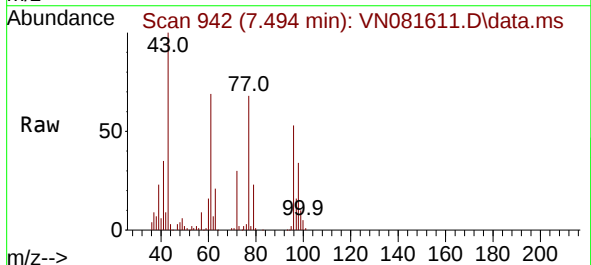
Manual Integrations
APPROVED

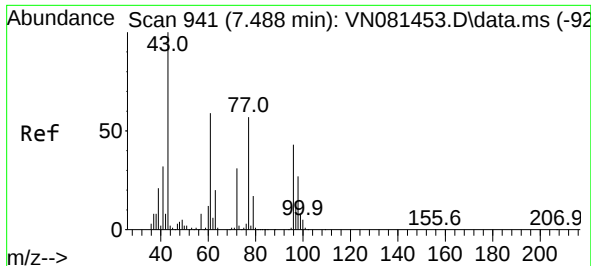
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#26
2,2-Dichloropropane
Concen: 20.424 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

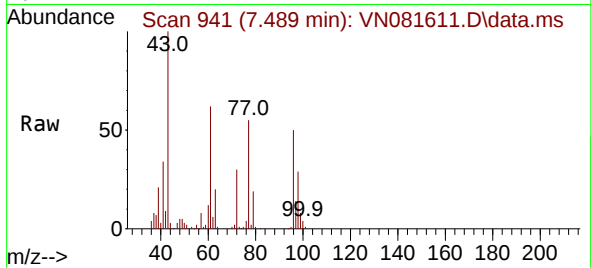
Tgt Ion: 77 Resp: 121158
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.859 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081611.D
 Acq: 29 Mar 2024 13:30

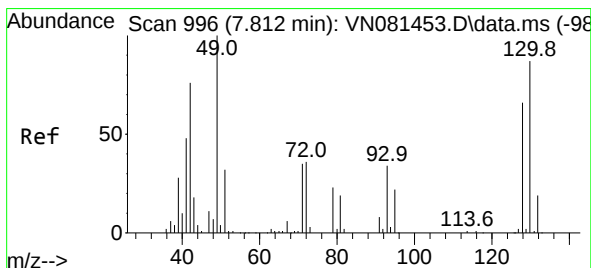
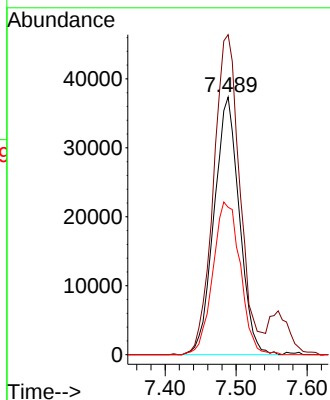
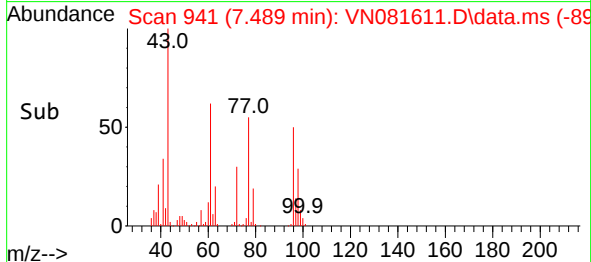
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBSD01



Tgt Ion: 96 Resp: 9229
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 325.4
 98 64.3 0.0 130.4

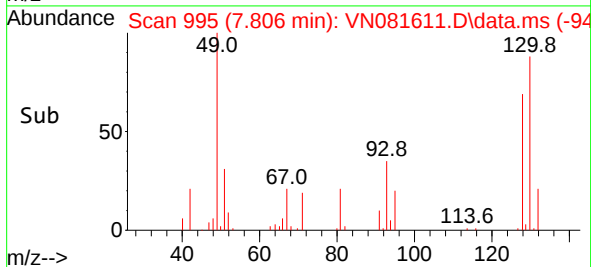
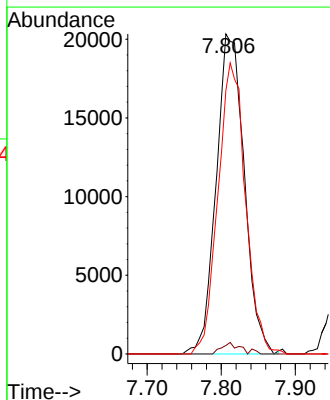
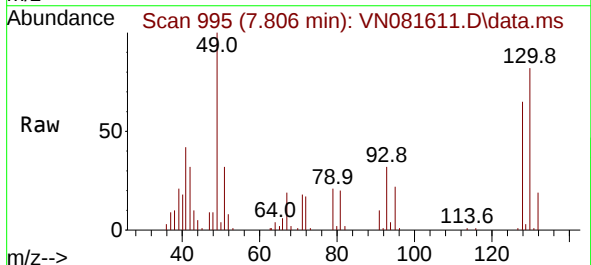
Manual Integrations
 APPROVED

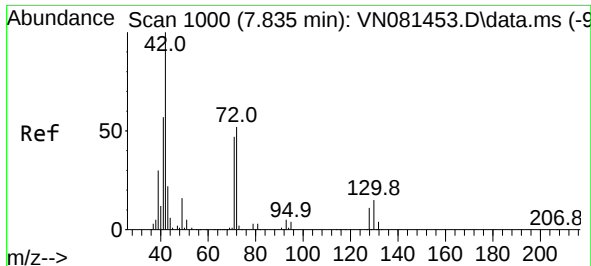
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024



#28
 Bromochloromethane
 Concen: 19.224 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN081611.D
 Acq: 29 Mar 2024 13:30

Tgt Ion: 49 Resp: 53556
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 89.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 97.240 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081611.D

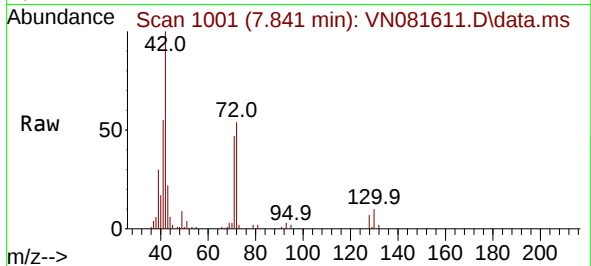
Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01



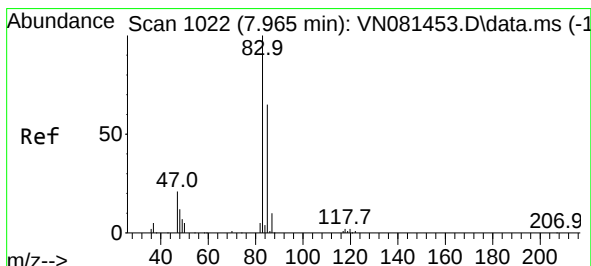
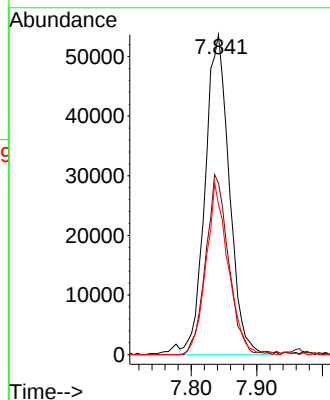
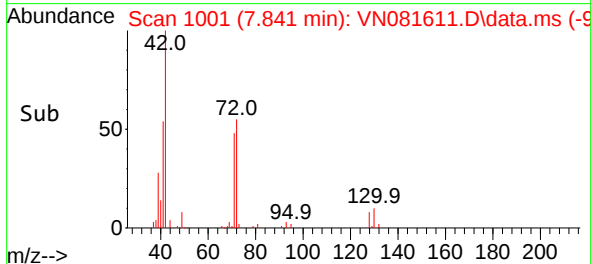
Tgt Ion:	42	Resp:	13762
Ion Ratio	Lower	Upper	
42	100		
72	53.0	31.1	46.7
71	49.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#30

Chloroform

Concen: 21.711 ug/l

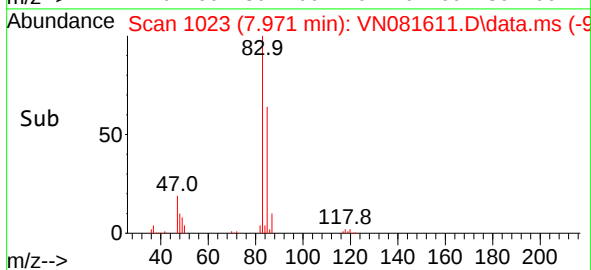
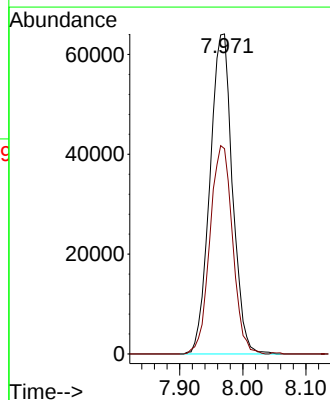
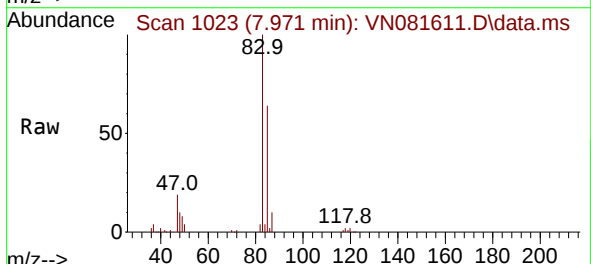
RT: 7.971 min Scan# 1023

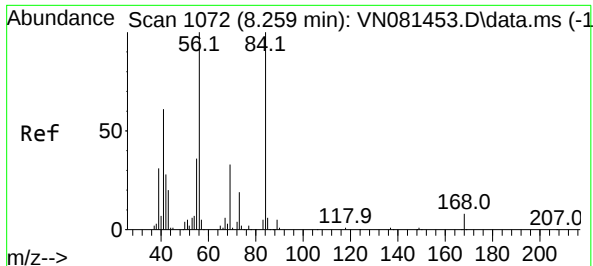
Delta R.T. 0.006 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

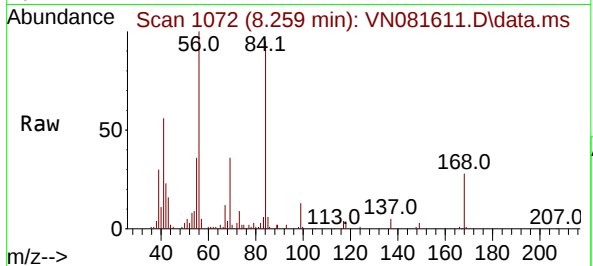
Tgt Ion:	83	Resp:	158966
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.0	76.6





#31
Cyclohexane
Concen: 18.040 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

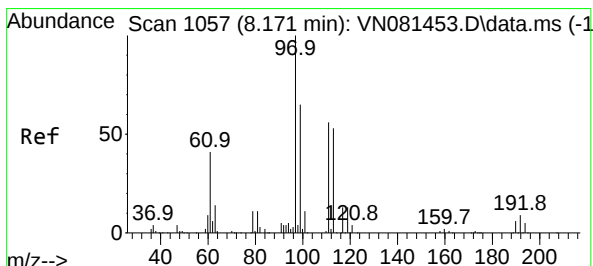
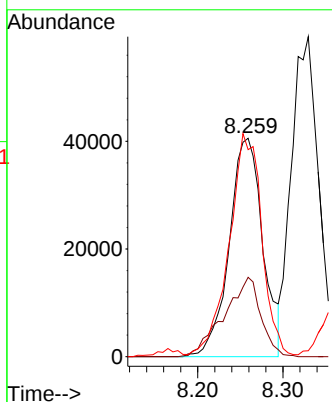
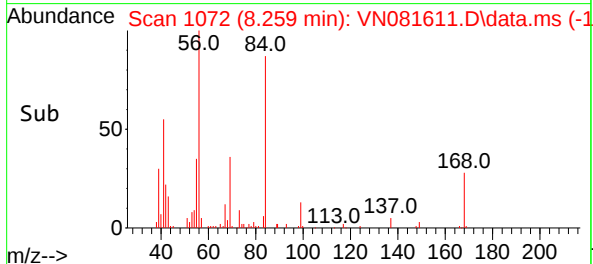
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 56 Resp: 111250
Ion Ratio Lower Upper
56 100
69 36.3 20.1 30.1
84 92.0 56.9 85.3

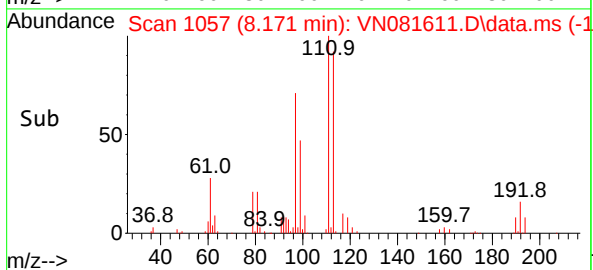
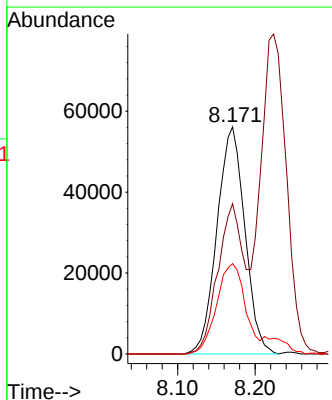
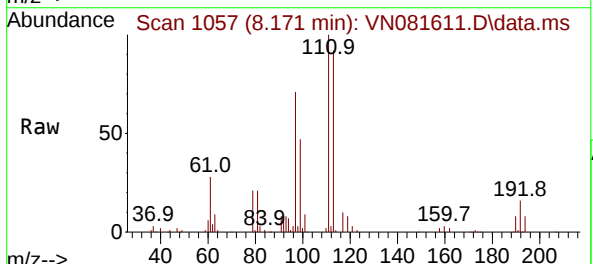
Manual Integrations
APPROVED

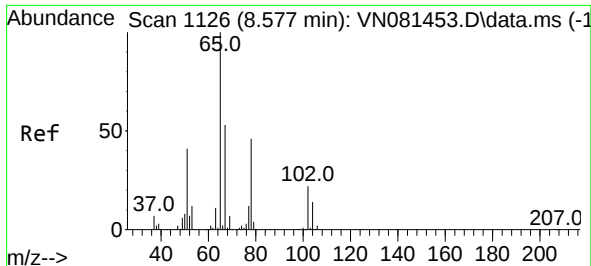
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#32
1,1,1-Trichloroethane
Concen: 21.134 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion: 97 Resp: 140390
Ion Ratio Lower Upper
97 100
99 59.1 53.4 80.0
61 41.0 43.8 65.8





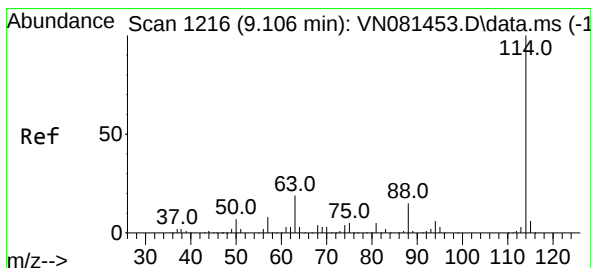
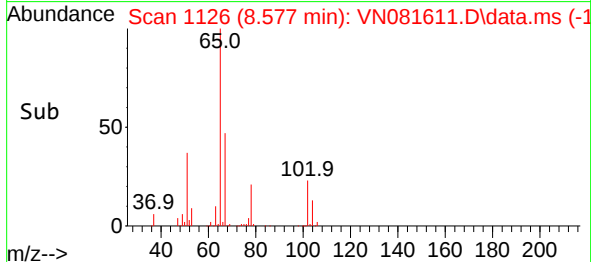
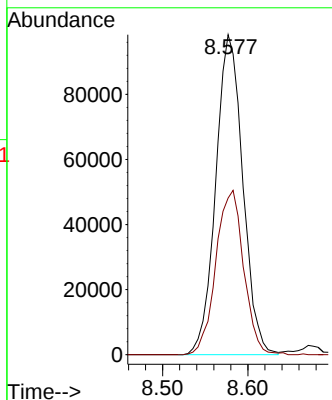
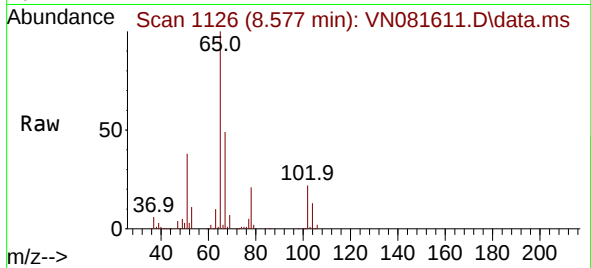
#33
1,2-Dichloroethane-d4
Concen: 57.260 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion: 65 Resp: 21701
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4

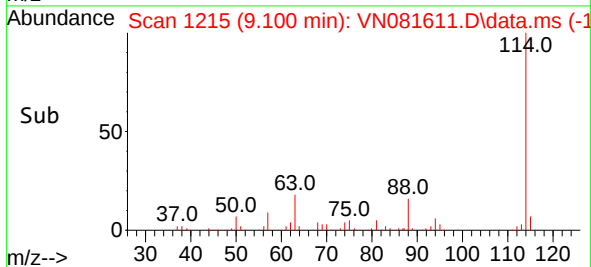
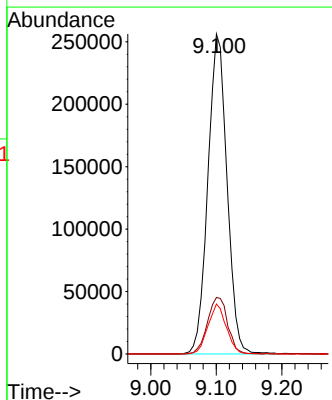
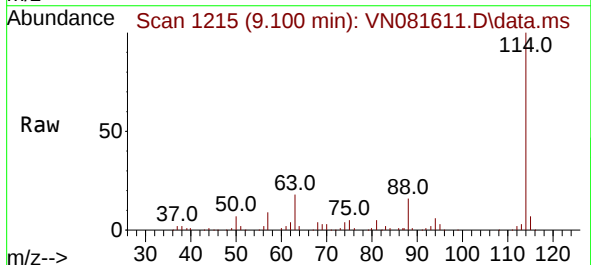
Manual Integrations
APPROVED

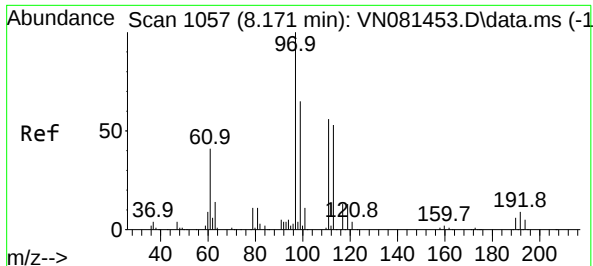
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion:114 Resp: 518491
Ion Ratio Lower Upper
114 100
63 17.6 0.0 48.0
88 15.6 0.0 34.8





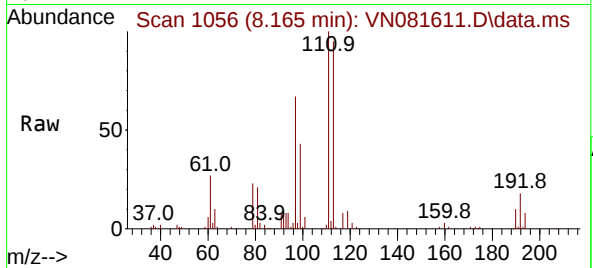
#35
Dibromofluoromethane
Concen: 57.021 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01



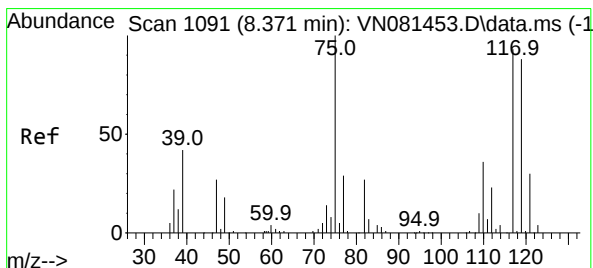
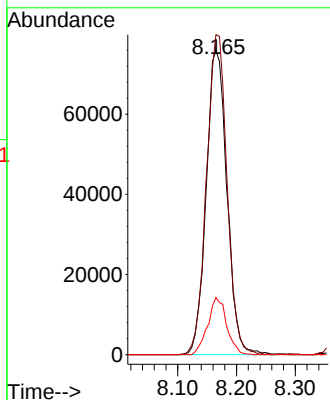
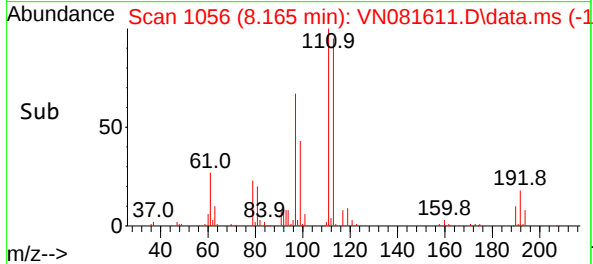
Tgt Ion:113 Resp: 186580
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 17.1 12.5 18.7

Manual Integrations

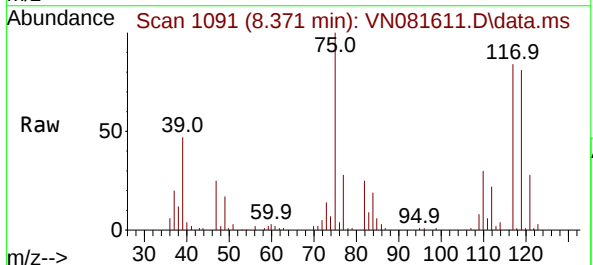
APPROVED

Reviewed By :John Carlone 04/01/2024

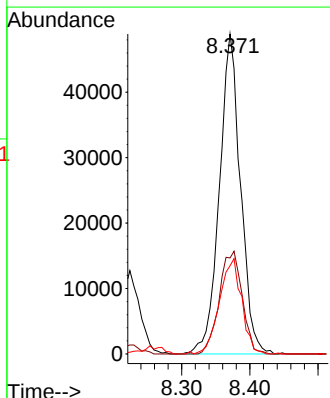
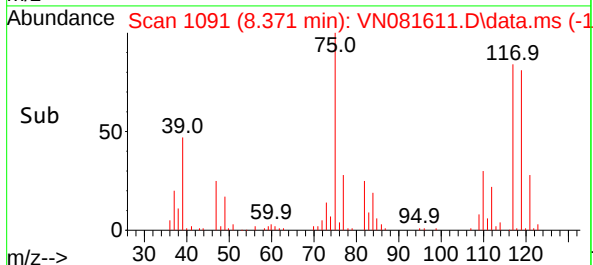
Supervised By :Mahesh Dadoda 04/01/2024

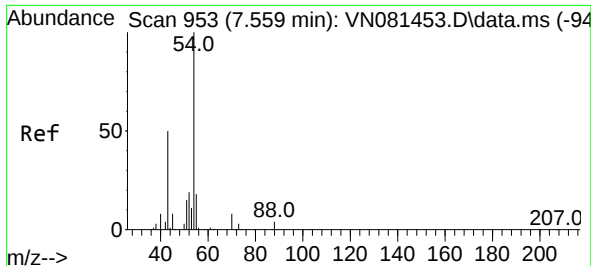


#36
1,1-Dichloropropene
Concen: 19.159 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30



Tgt Ion: 75 Resp: 105504
Ion Ratio Lower Upper
75 100
110 34.9 16.0 48.0
77 31.3 25.8 38.6





#37

Ethyl Acetate

Concen: 18.609 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081611.D

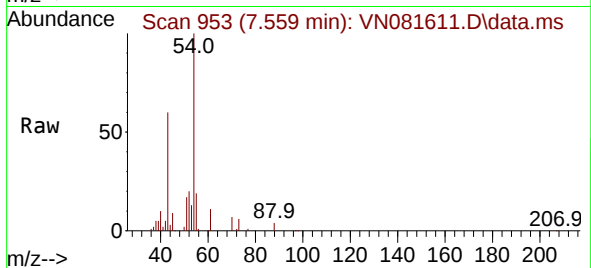
Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01



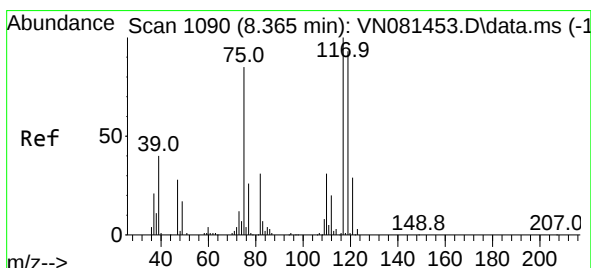
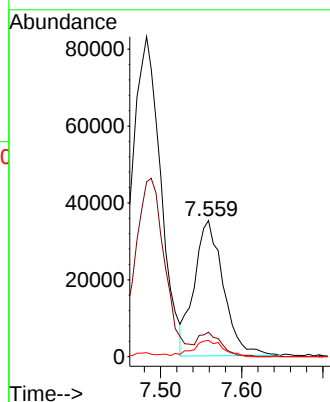
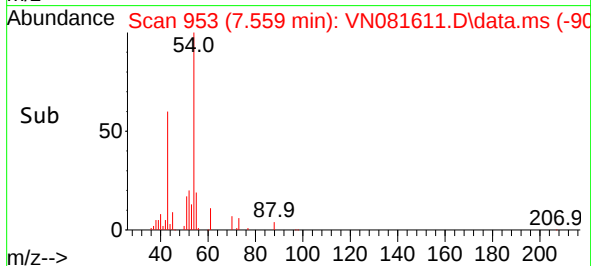
Tgt Ion:	43	Resp:	87750
Ion Ratio	Lower	Upper	
43	100		
61	13.9	10.6	15.8
70	12.4	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#38

Carbon Tetrachloride

Concen: 19.788 ug/l

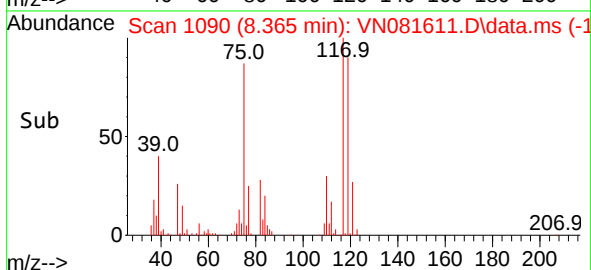
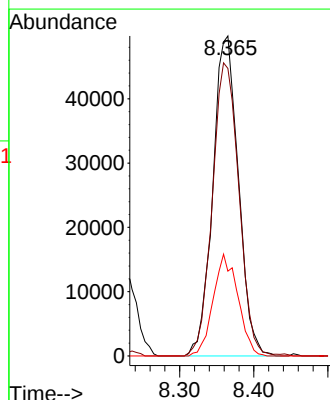
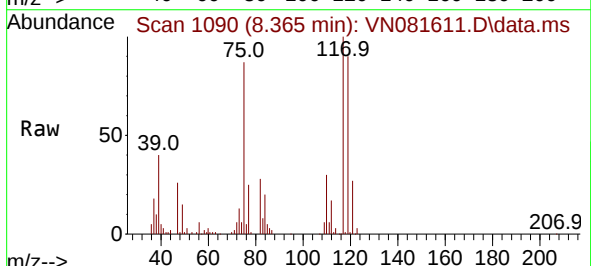
RT: 8.365 min Scan# 1090

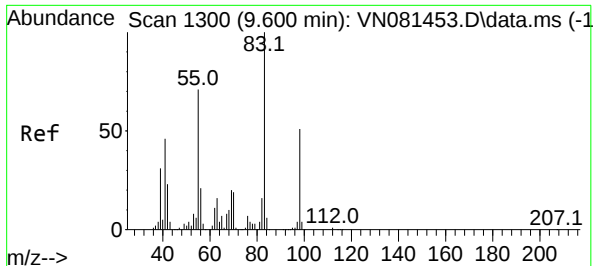
Delta R.T. 0.000 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

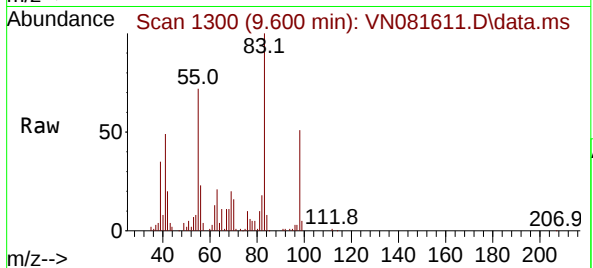
Tgt Ion:	117	Resp:	119368
Ion Ratio	Lower	Upper	
117	100		
119	89.8	73.4	110.2
121	26.5	24.4	36.6





#39
Methylcyclohexane
Concen: 18.165 ug/l
RT: 9.600 min Scan# 11170
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

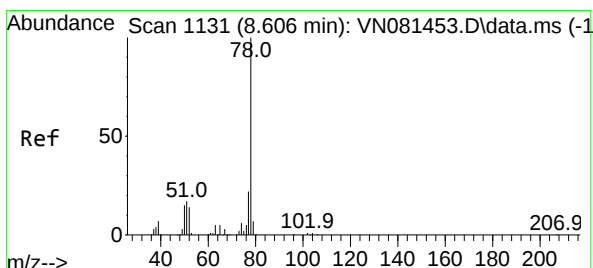
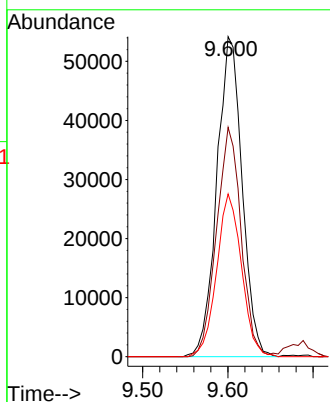
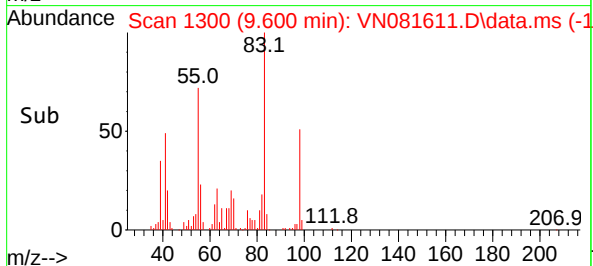
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 83 Resp: 11170
Ion Ratio Lower Upper
83 100
55 71.7 65.7 98.5
98 50.8 33.8 50.6

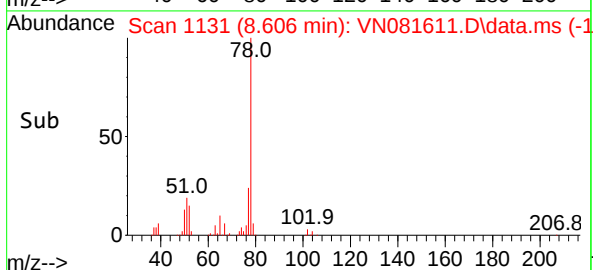
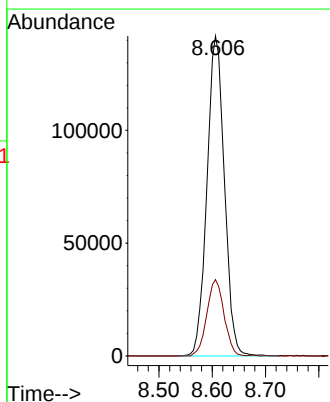
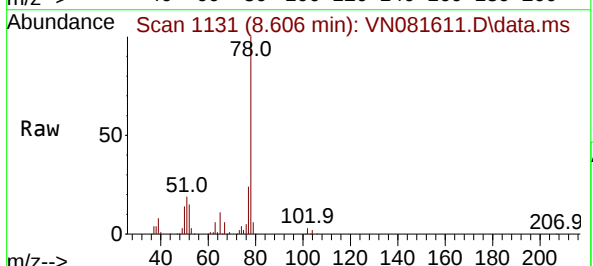
Manual Integrations
APPROVED

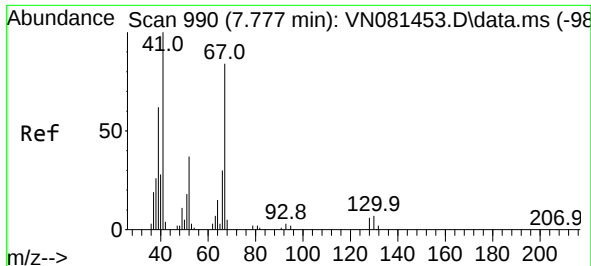
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#40
Benzene
Concen: 20.046 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

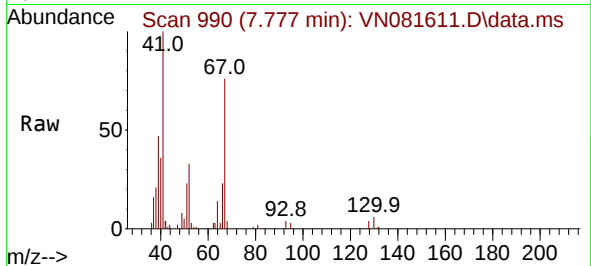
Tgt Ion: 78 Resp: 322726
Ion Ratio Lower Upper
78 100
77 23.9 20.4 30.6





#41
Methacrylonitrile
Concen: 19.727 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

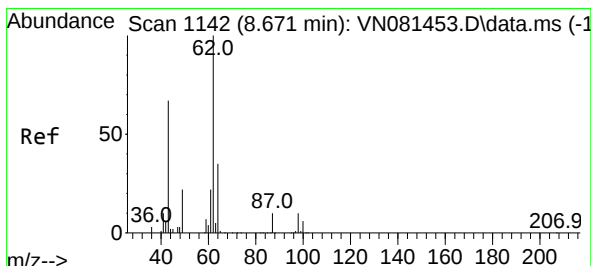
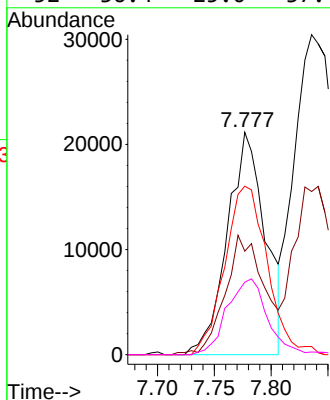
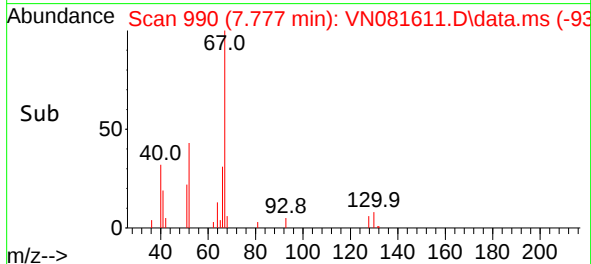
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion:	41	Resp:	49194
Ion Ratio	100	Lower	Upper
39	55.0	48.4	72.6
67	84.8	56.8	85.2
52	36.4	25.0	37.4

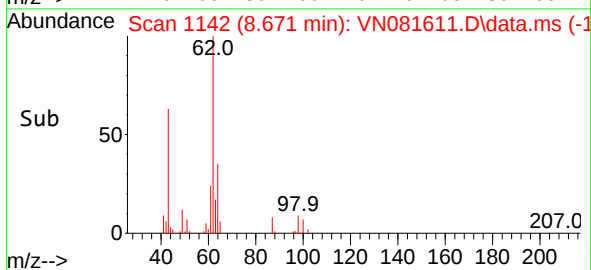
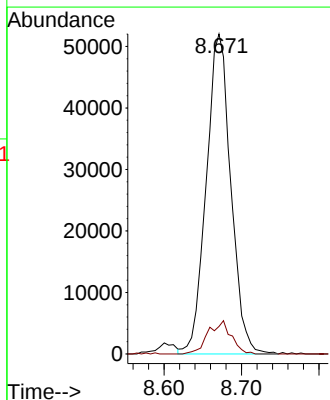
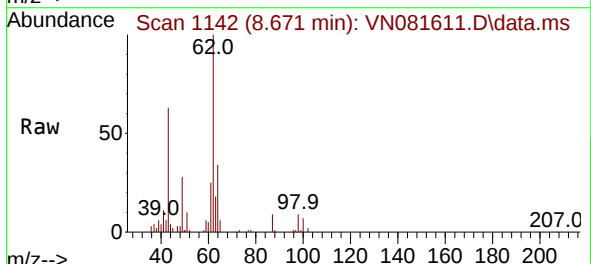
Manual Integrations
APPROVED

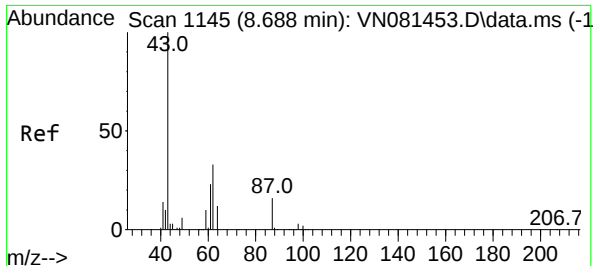
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#42
1,2-Dichloroethane
Concen: 20.223 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

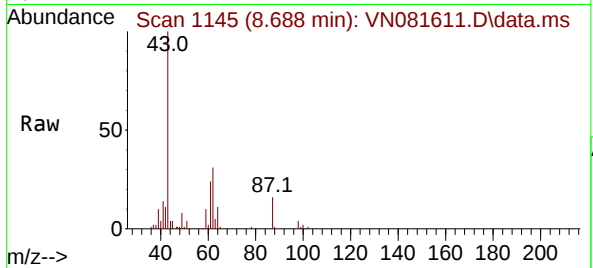
Tgt Ion:	62	Resp:	114580
Ion Ratio	100	Lower	Upper
98	9.7	0.0	18.0





#43
Isopropyl Acetate
Concen: 19.505 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

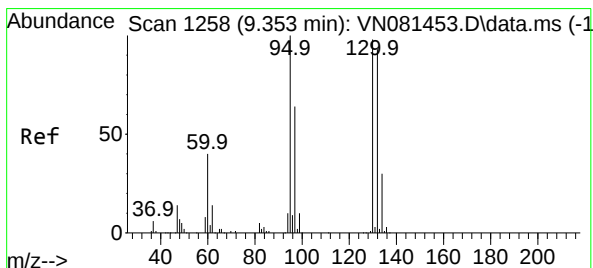
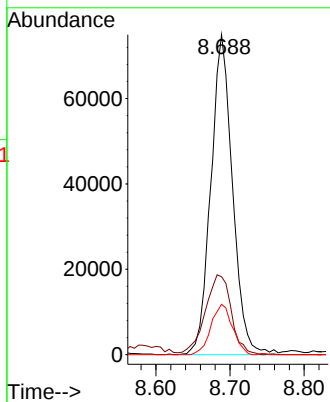
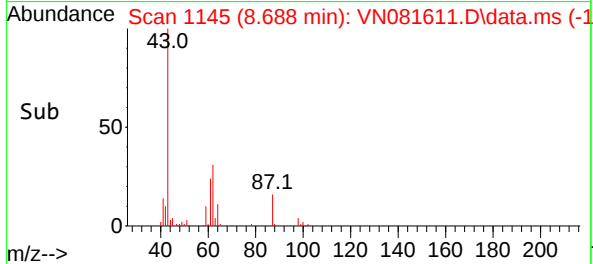
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 43 Resp: 152458
Ion Ratio Lower Upper
43 100
61 30.0 19.9 29.9
87 15.6 9.0 13.6

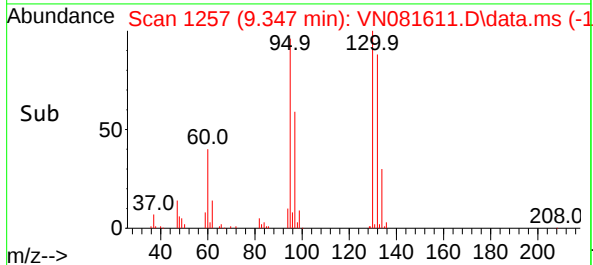
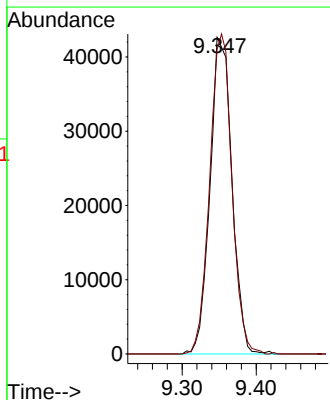
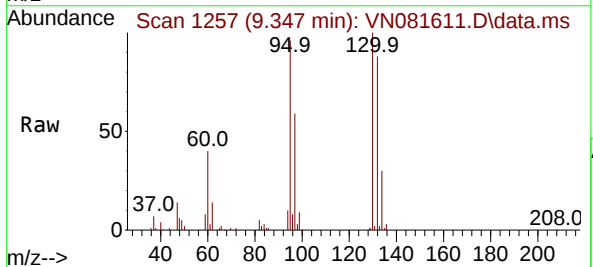
Manual Integrations
APPROVED

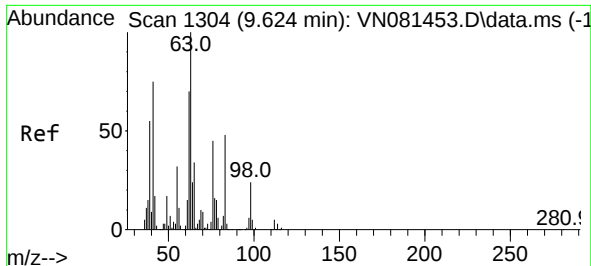
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#44
Trichloroethene
Concen: 19.399 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion:130 Resp: 87837
Ion Ratio Lower Upper
130 100
95 96.2 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.199 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01

Tgt Ion: 63 Resp: 82714

Ion Ratio Lower Upper

63 100

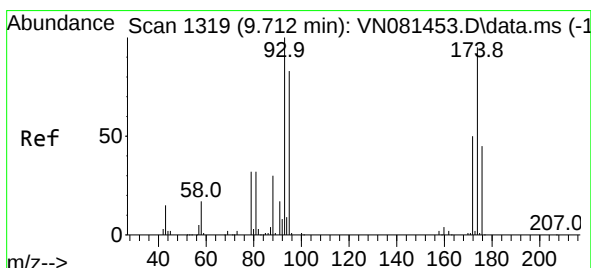
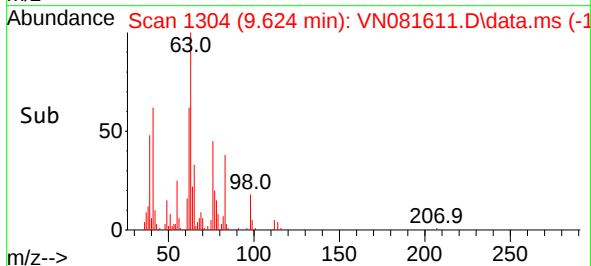
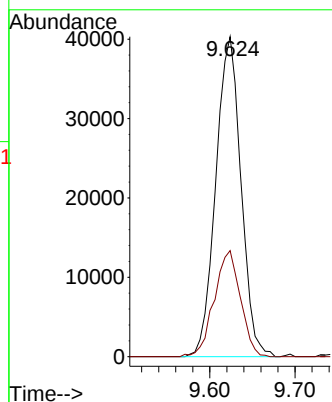
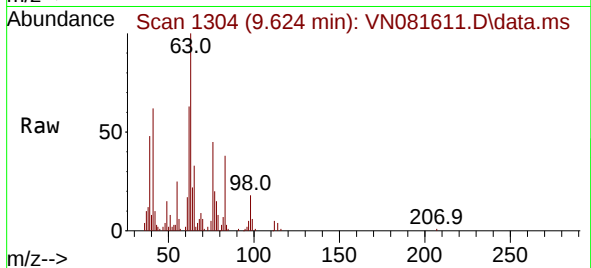
65 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#46

Dibromomethane

Concen: 20.557 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

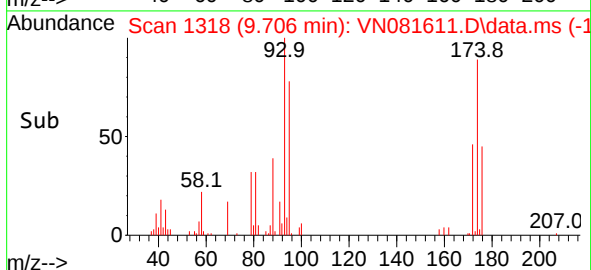
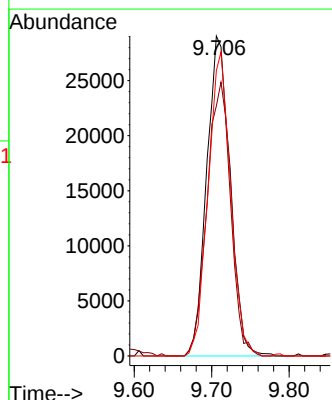
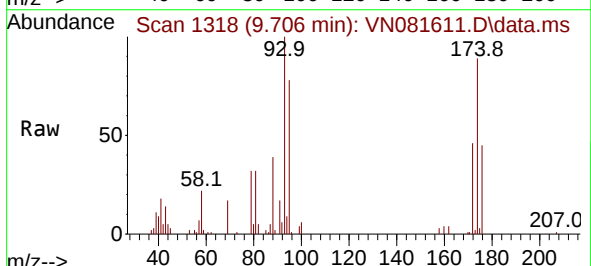
Tgt Ion: 93 Resp: 60913

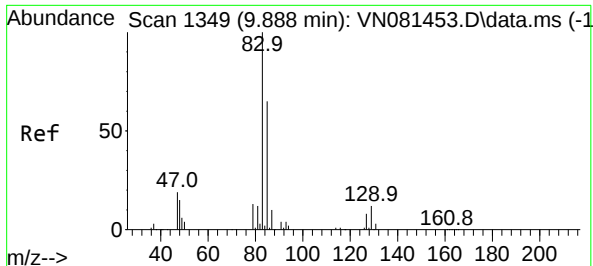
Ion Ratio Lower Upper

93 100

95 86.6 68.1 102.1

174 91.2 57.2 85.8#





#47

Bromodichloromethane

Concen: 21.687 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01

Tgt Ion: 83 Resp: 125638

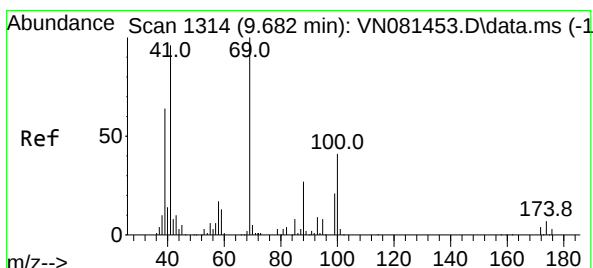
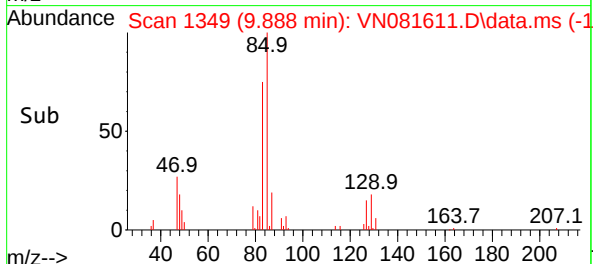
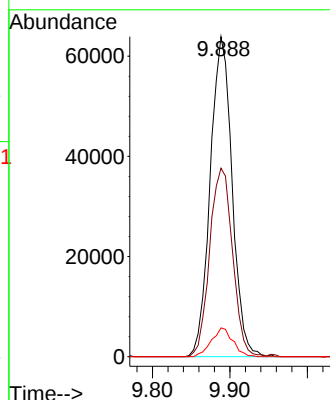
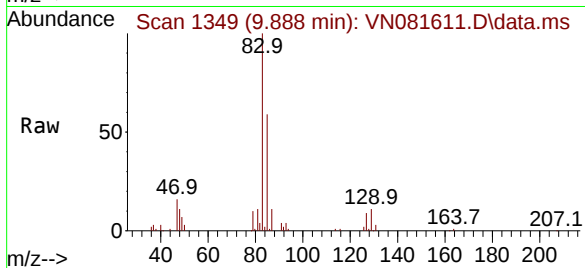
Ion	Ratio	Lower	Upper
83	100		
85	58.9	52.3	78.5
127	9.0	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#48

Methyl methacrylate

Concen: 18.405 ug/l

RT: 9.683 min Scan# 1314

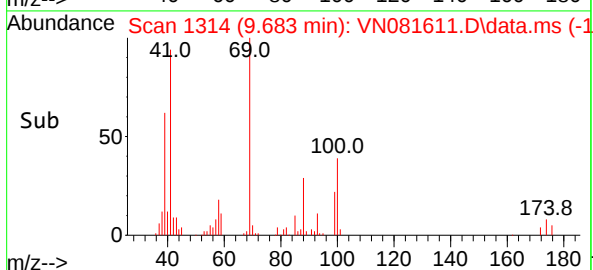
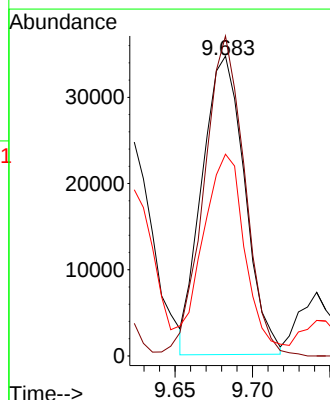
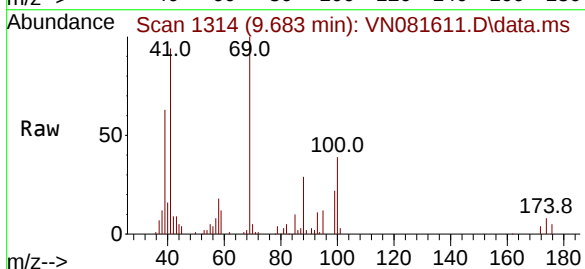
Delta R.T. 0.000 min

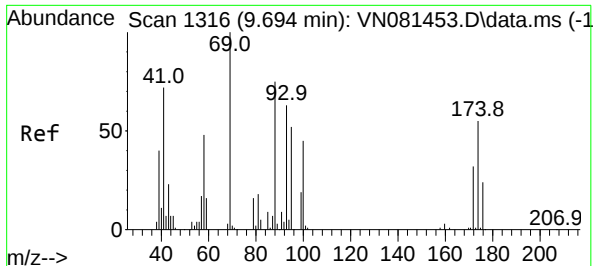
Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Tgt Ion: 41 Resp: 66355

Ion	Ratio	Lower	Upper
41	100		
69	102.5	62.2	93.2
39	69.0	47.6	71.4





#49

1,4-Dioxane

Concen: 390.150 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01

Tgt Ion: 88 Resp: 33802

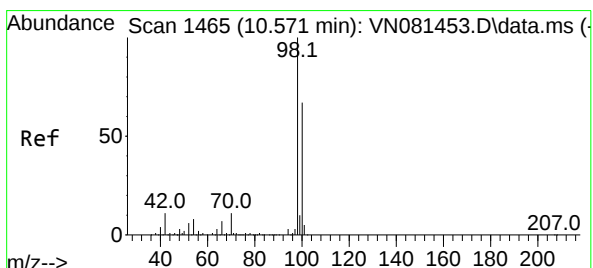
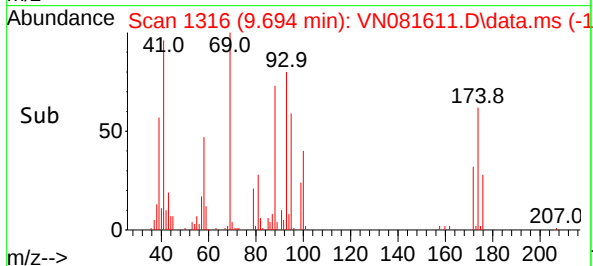
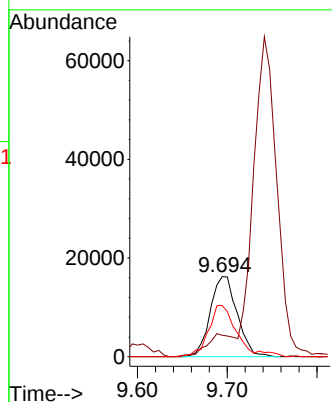
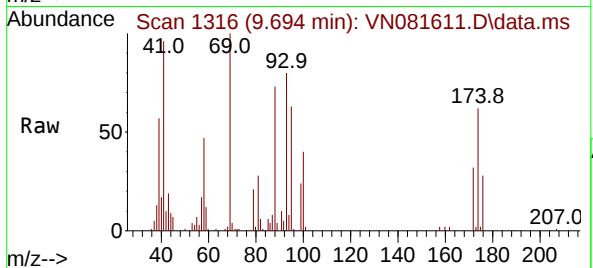
Ion	Ratio	Lower	Upper
88	100		
43	26.9	30.1	45.1
58	67.3	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#50

Toluene-d8

Concen: 54.615 ug/l

RT: 10.565 min Scan# 1464

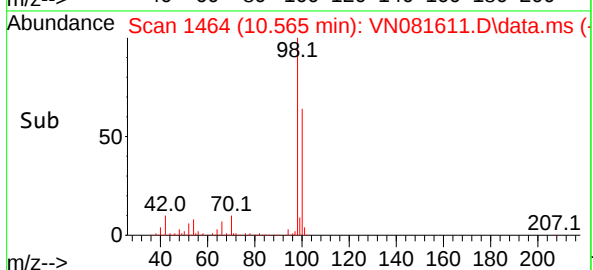
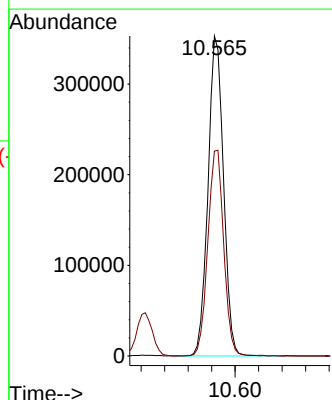
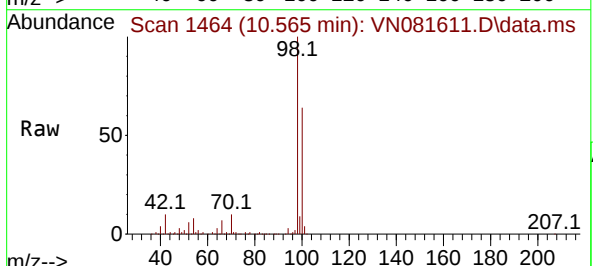
Delta R.T. -0.006 min

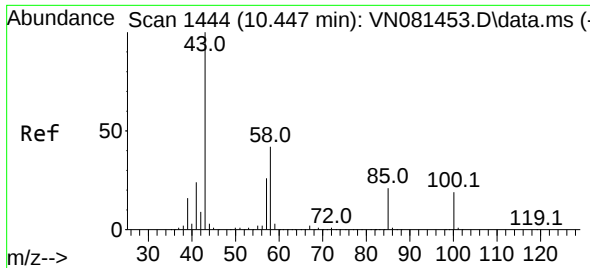
Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Tgt Ion: 98 Resp: 646024

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.4	77.0





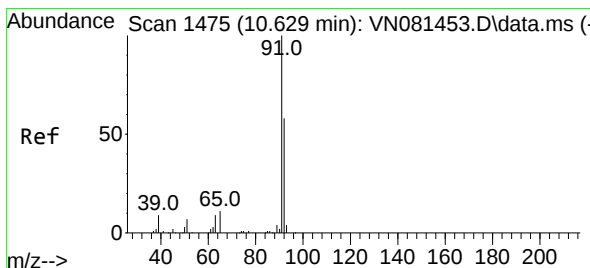
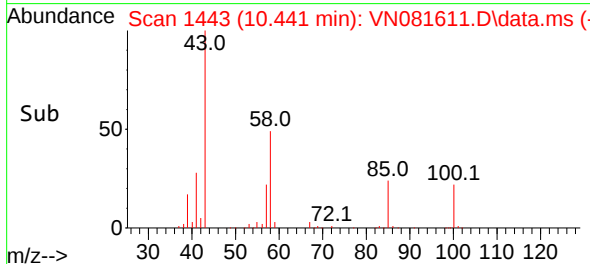
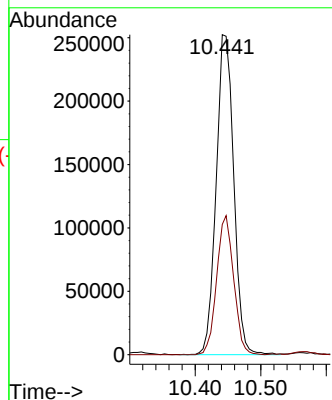
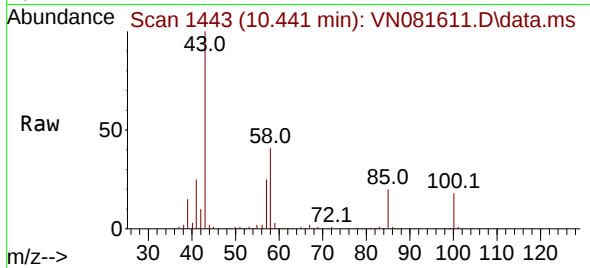
#51
4-Methyl-2-Pentanone
Concen: 98.345 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion: 43 Resp: 469050
Ion Ratio Lower Upper
43 100
58 42.0 29.4 44.0

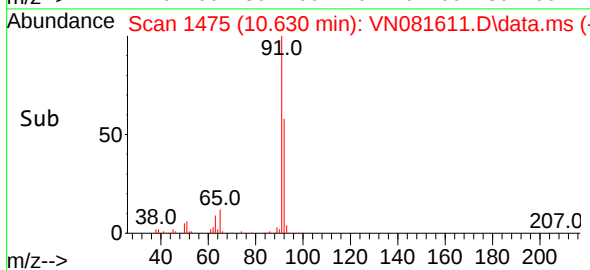
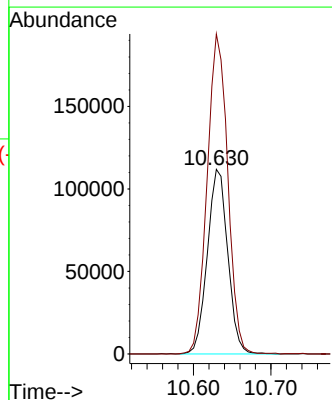
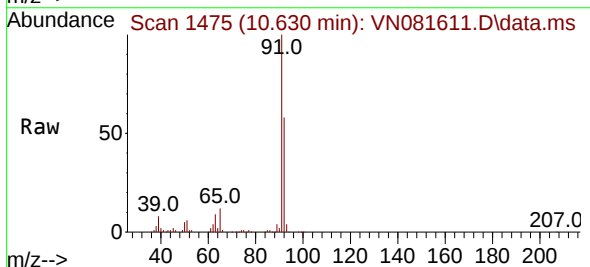
Manual Integrations
APPROVED

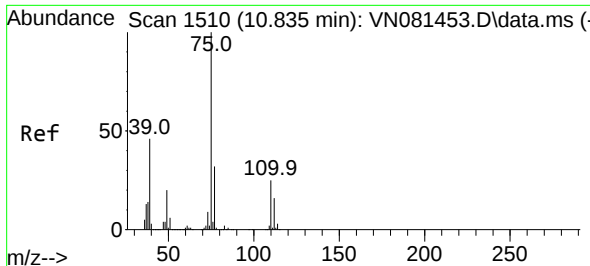
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#52
Toluene
Concen: 20.001 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

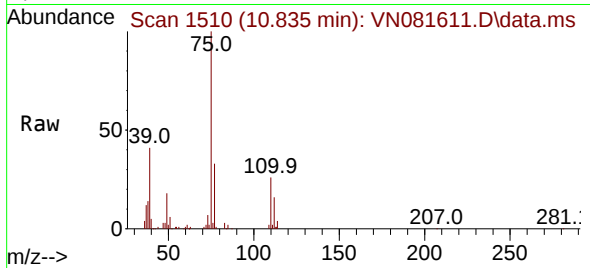
Tgt Ion: 92 Resp: 204665
Ion Ratio Lower Upper
92 100
91 174.7 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.253 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

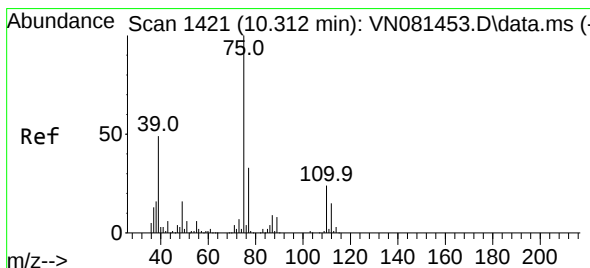
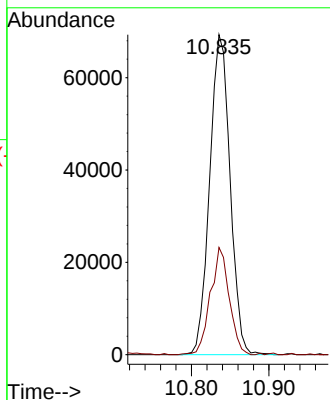
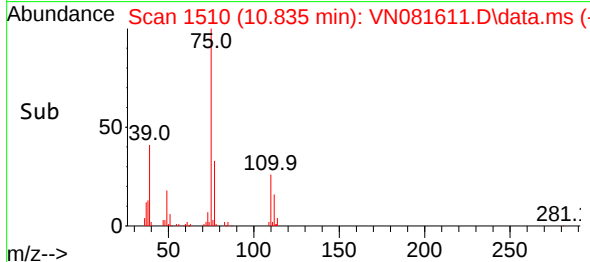
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 75 Resp: 126694
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3

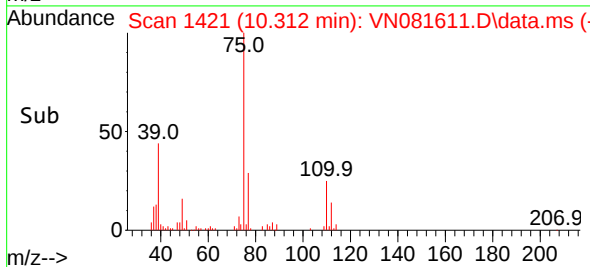
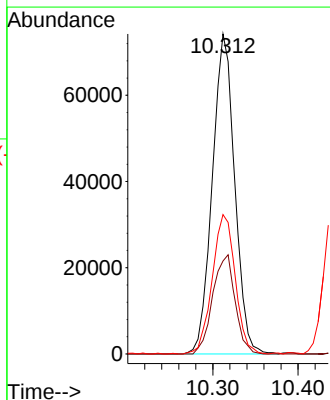
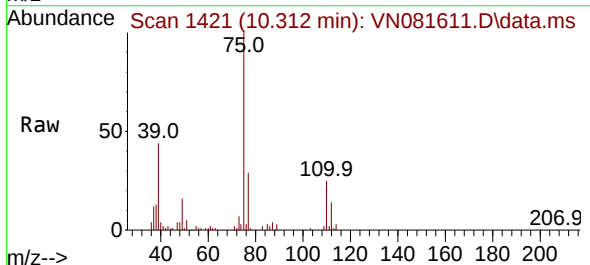
Manual Integrations
APPROVED

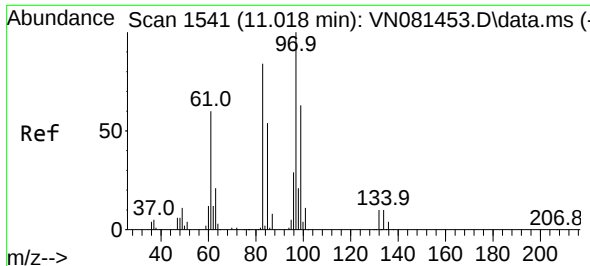
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#54
cis-1,3-Dichloropropene
Concen: 20.200 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

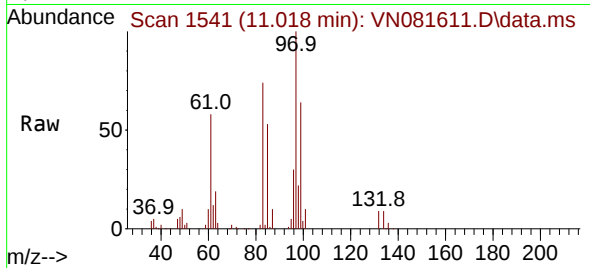
Tgt Ion: 75 Resp: 135481
Ion Ratio Lower Upper
75 100
77 29.0 23.3 34.9
39 43.6 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 21.152 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

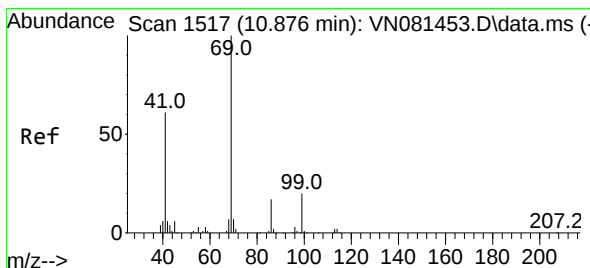
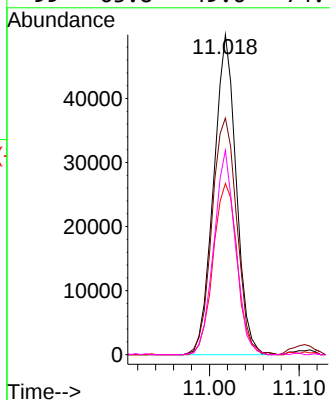
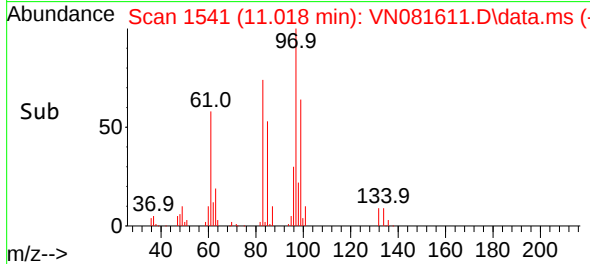
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



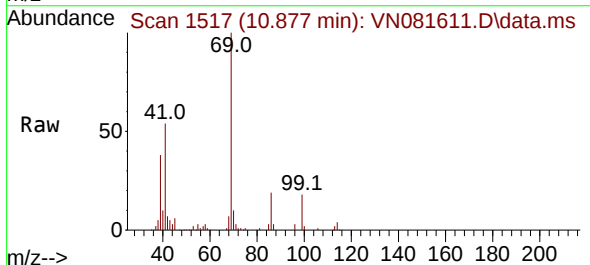
Tgt Ion:	97	Resp:	8710
Ion	Ratio	Lower	Upper
97	100		
83	74.0	72.9	109.3
85	53.5	50.2	75.2
99	63.8	49.6	74.4

Manual Integrations
APPROVED

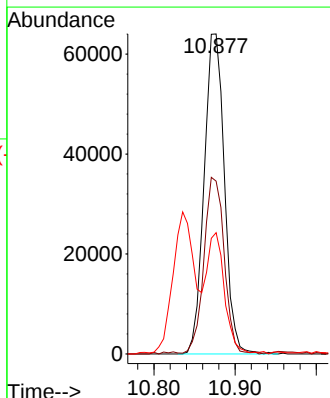
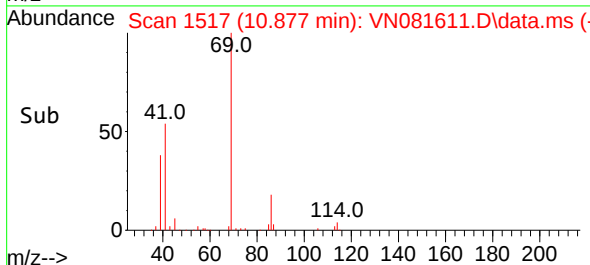
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

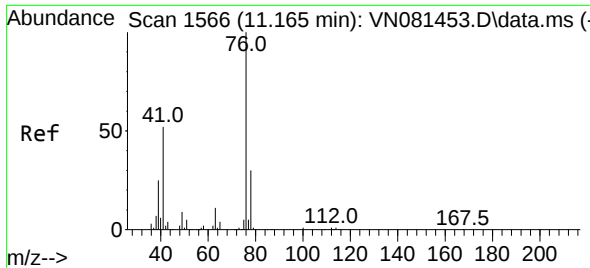


#56
Ethyl methacrylate
Concen: 19.615 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30



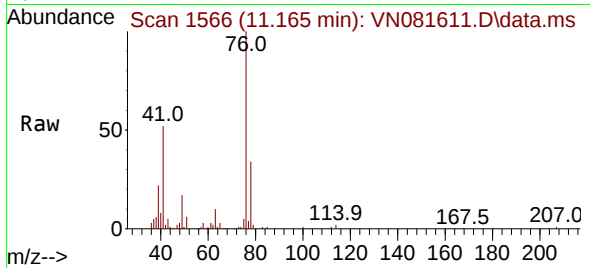
Tgt Ion:	69	Resp:	110790
Ion	Ratio	Lower	Upper
69	100		
41	54.6	61.0	91.6#
39	32.0	31.8	47.6





#57
1,3-Dichloropropane
Concen: 20.702 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

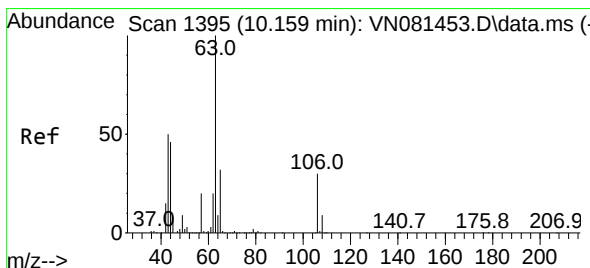
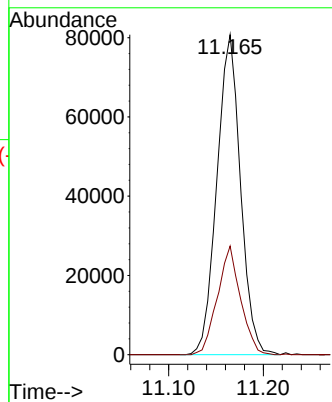
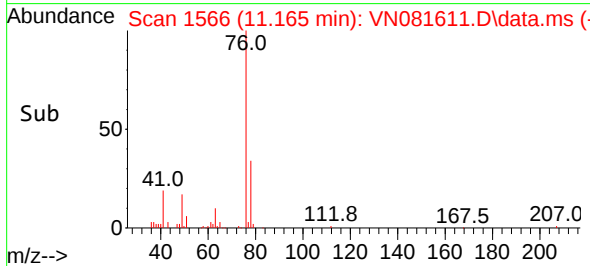
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 76 Resp: 139752
Ion Ratio Lower Upper
76 100
78 33.2 25.5 38.3

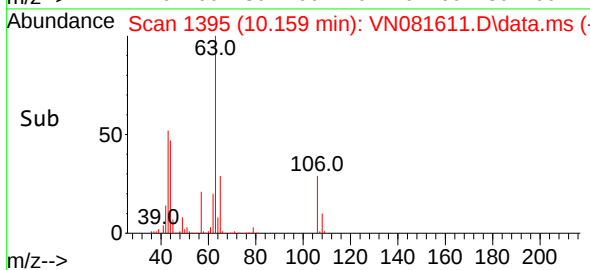
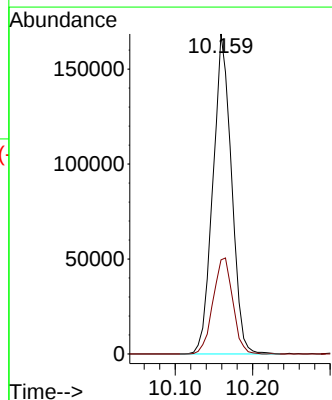
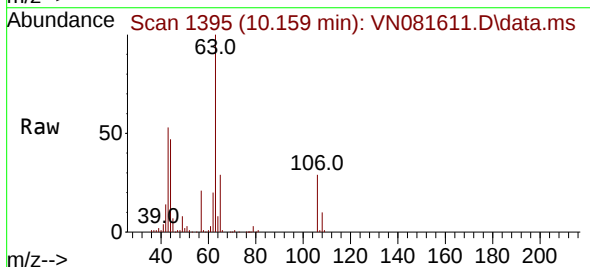
Manual Integrations
APPROVED

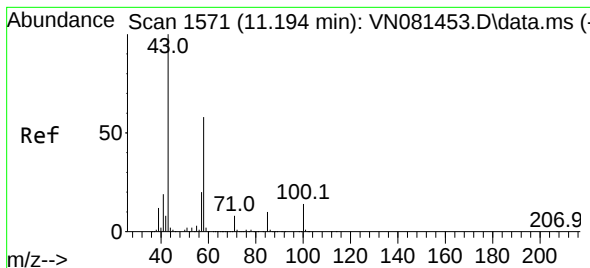
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 108.270 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

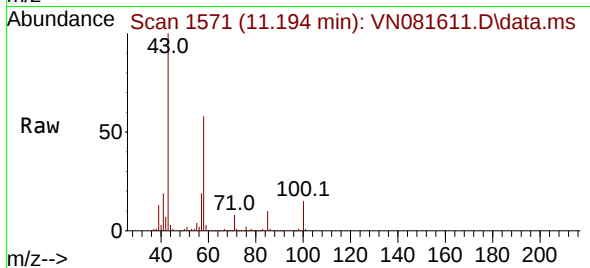
Tgt Ion: 63 Resp: 280547
Ion Ratio Lower Upper
63 100
106 31.9 18.6 28.0#





#59
2-Hexanone
Concen: 97.585 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

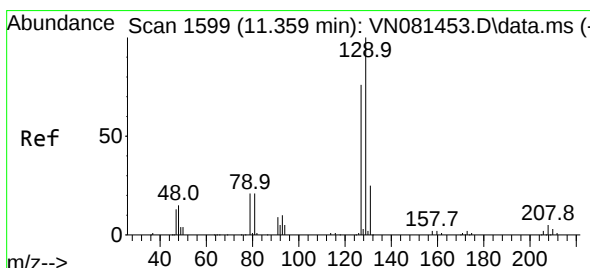
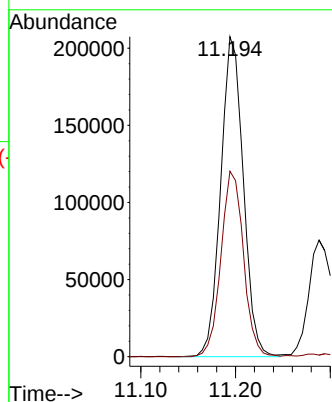
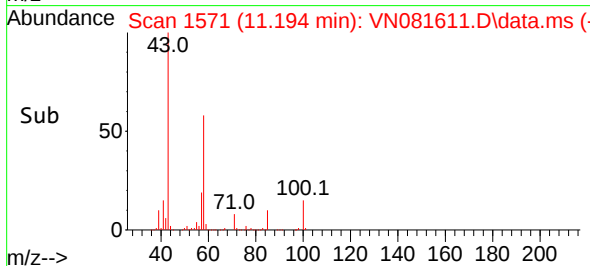
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 43 Resp: 344108
Ion Ratio Lower Upper
43 100
58 58.0 25.9 77.8

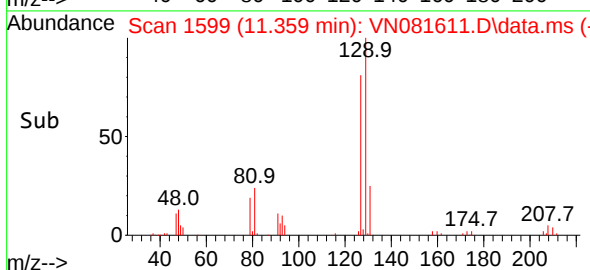
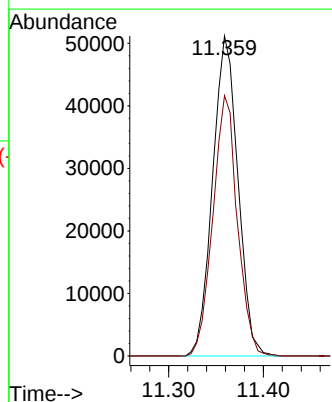
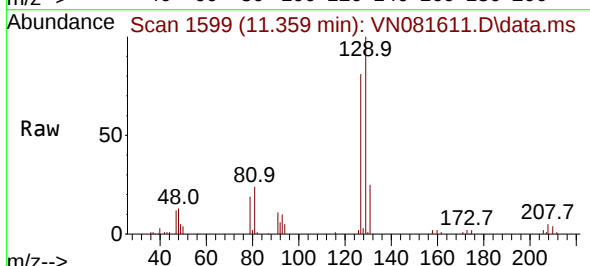
Manual Integrations
APPROVED

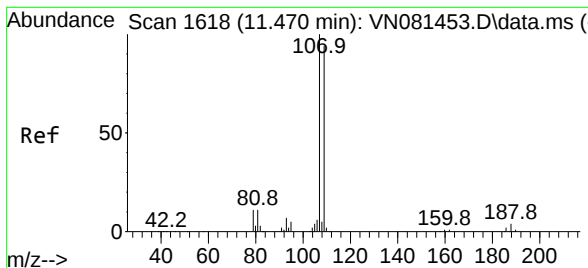
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#60
Dibromochloromethane
Concen: 20.963 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

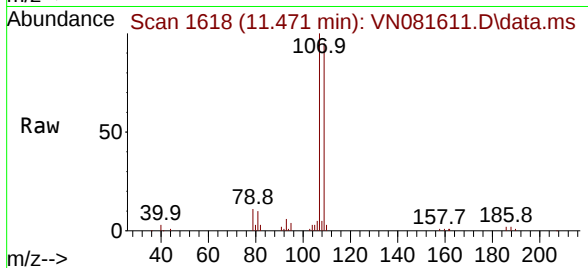
Tgt Ion:129 Resp: 94938
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 21.159 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

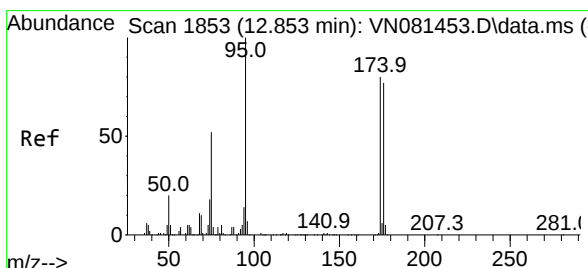
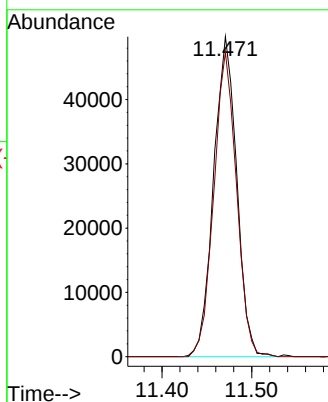
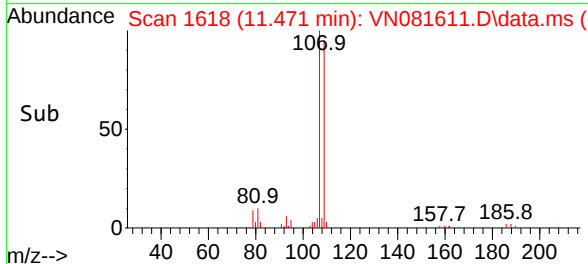
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



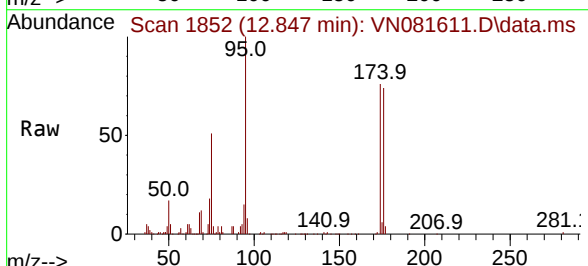
Tgt Ion:107 Resp: 8883
Ion Ratio Lower Upper
107 100
109 93.7 73.4 110.2

Manual Integrations
APPROVED

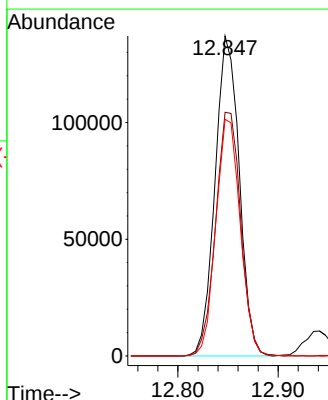
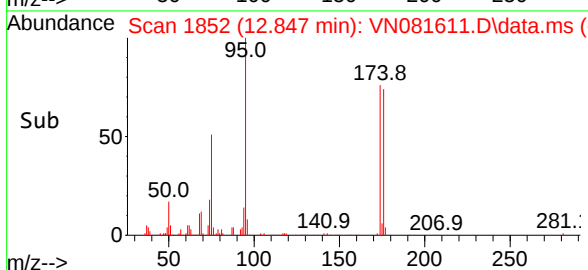
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

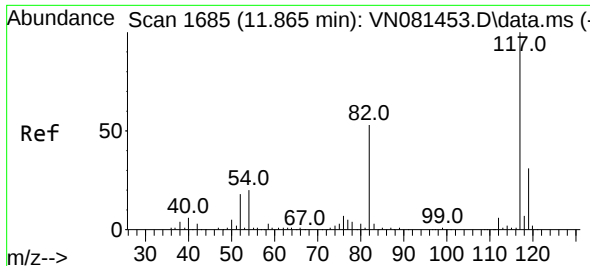


#62
4-Bromofluorobenzene
Concen: 55.169 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30



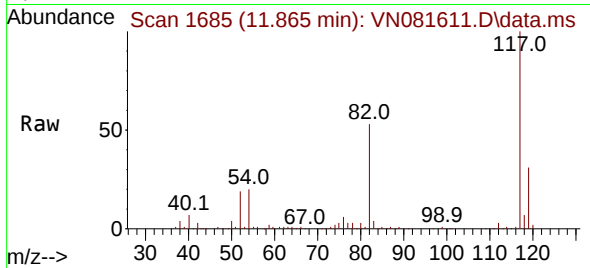
Tgt Ion: 95 Resp: 229943
Ion Ratio Lower Upper
95 100
174 78.8 0.0 120.4
176 74.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

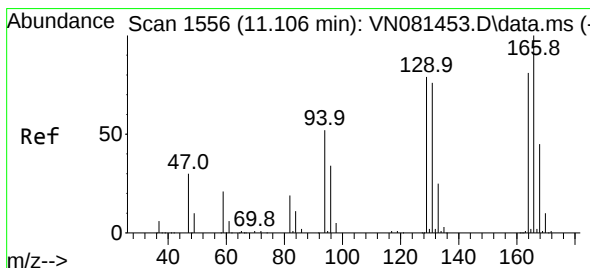
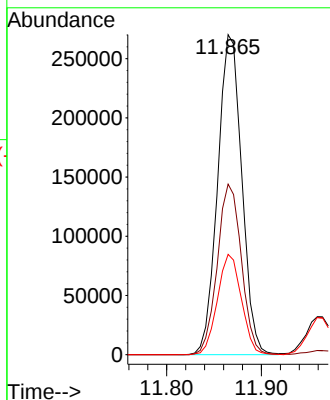
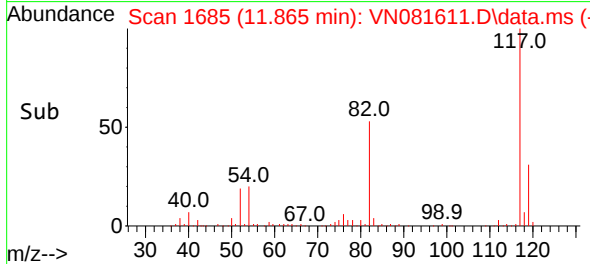
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion:117 Resp: 47894
Ion Ratio Lower Upper
117 100
82 53.3 52.7 79.1
119 31.4 25.3 37.9

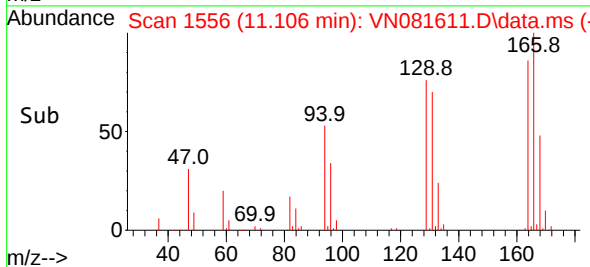
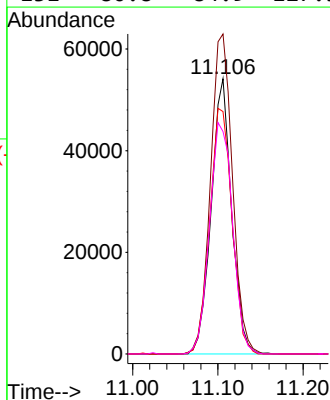
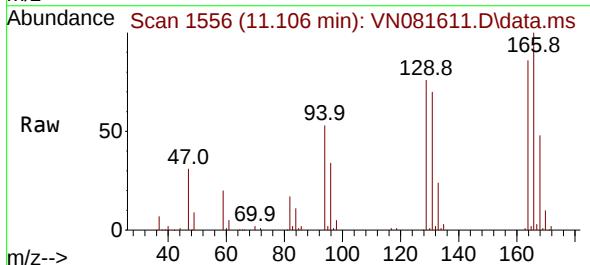
Manual Integrations
APPROVED

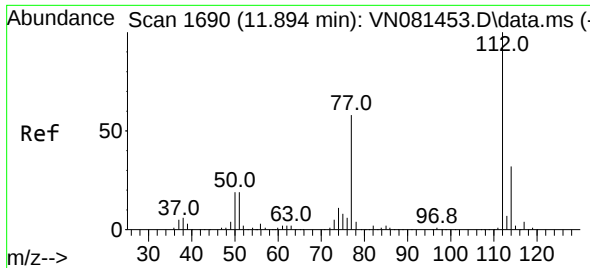
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#64
Tetrachloroethene
Concen: 19.711 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion:164 Resp: 90239
Ion Ratio Lower Upper
164 100
166 116.2 105.8 158.6
129 88.1 89.6 134.4#
131 80.8 84.9 127.3#





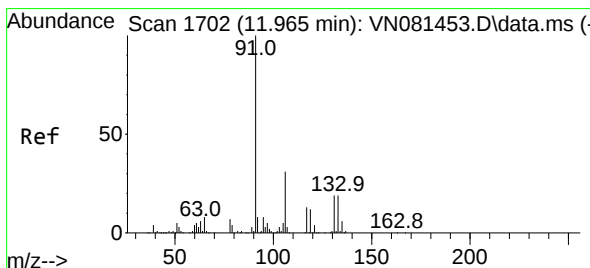
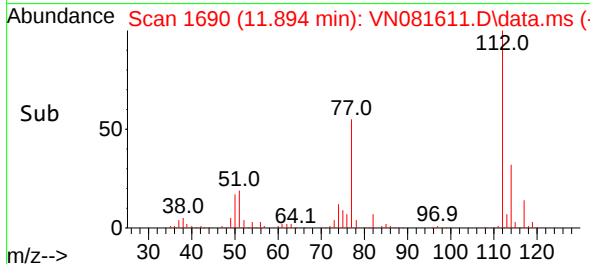
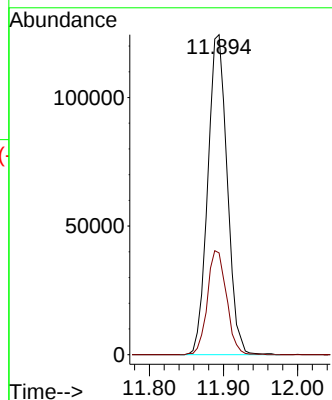
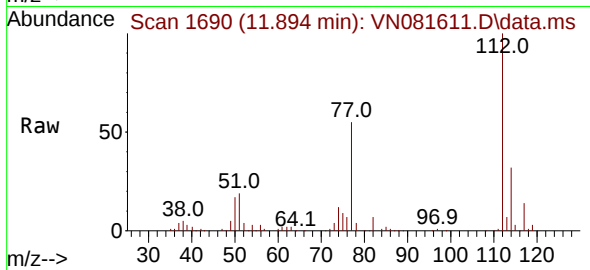
#65
Chlorobenzene
Concen: 20.020 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion:112 Resp: 22667
Ion Ratio Lower Upper
112 100
114 31.8 23.7 35.5

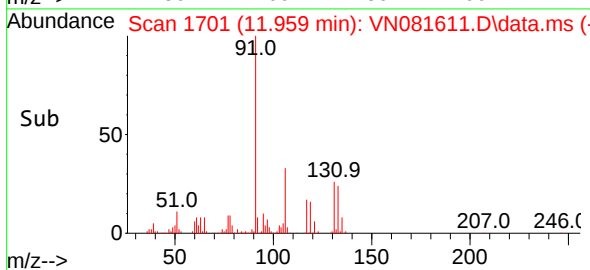
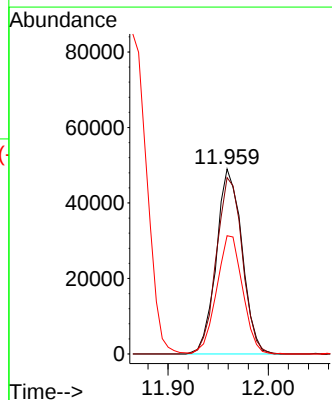
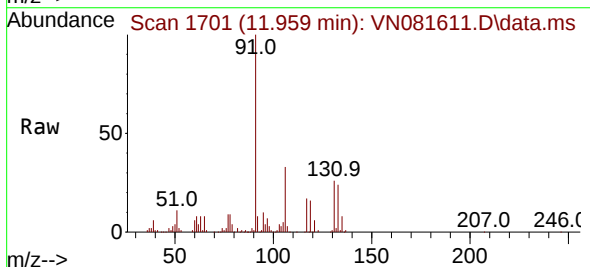
Manual Integrations
APPROVED

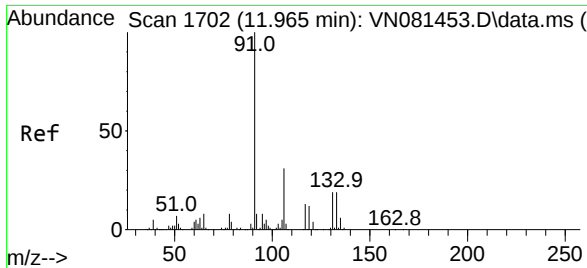
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.843 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion:131 Resp: 87466
Ion Ratio Lower Upper
131 100
133 96.4 46.8 140.3
119 64.6 34.6 103.9





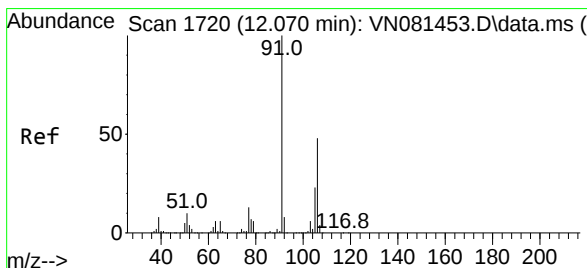
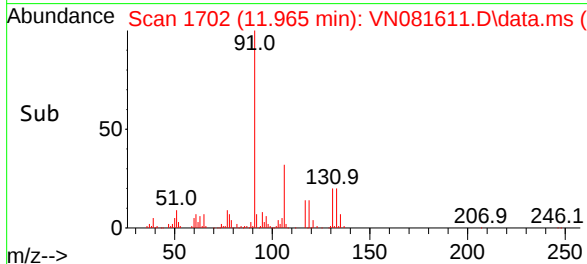
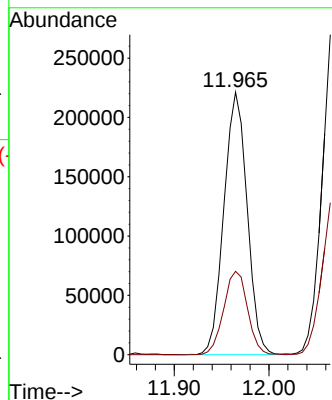
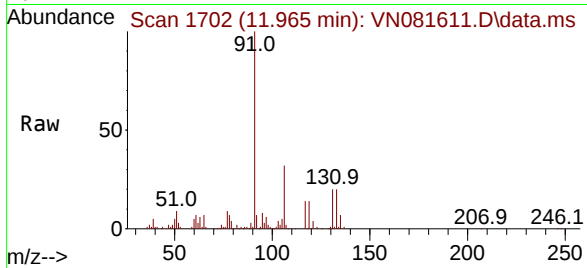
#67
Ethyl Benzene
Concen: 19.183 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion: 91 Resp: 377275
Ion Ratio Lower Upper
91 100
106 31.7 23.8 35.6

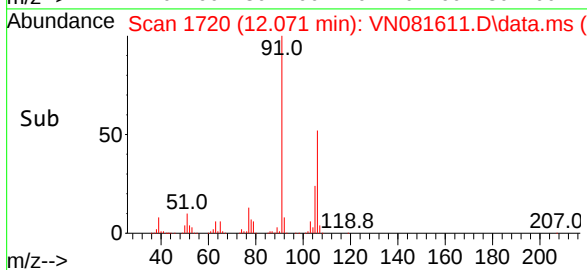
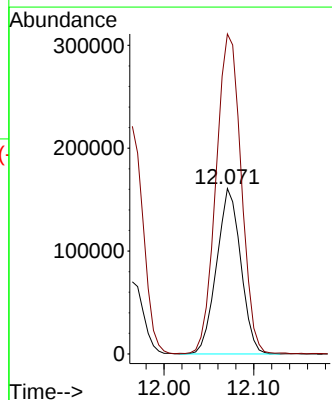
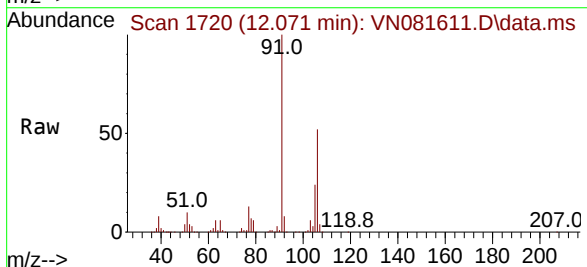
Manual Integrations
APPROVED

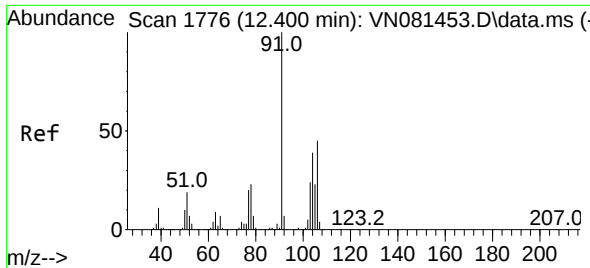
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#68
m/p-Xylenes
Concen: 40.740 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion:106 Resp: 300376
Ion Ratio Lower Upper
106 100
91 201.7 169.0 253.6





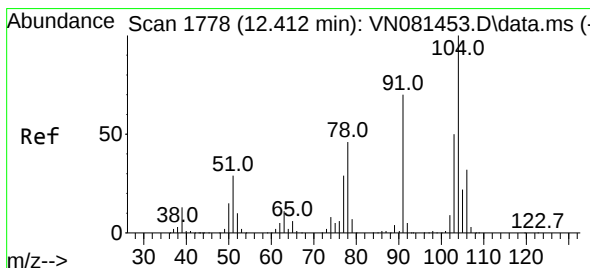
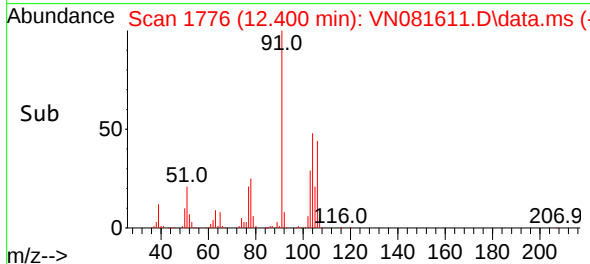
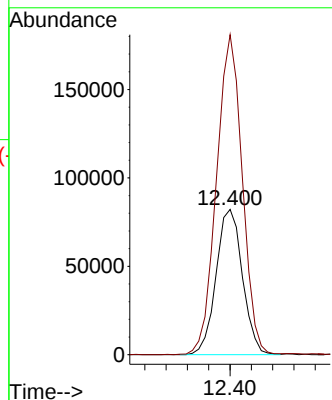
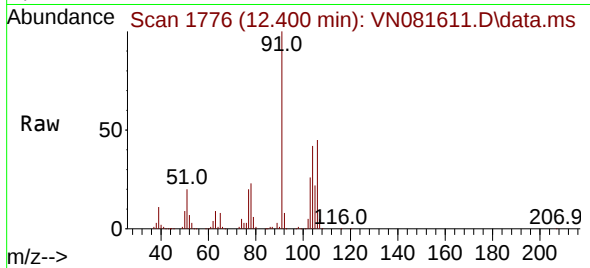
#69
o-Xylene
Concen: 19.483 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion:106 Resp: 14102
Ion Ratio Lower Upper
106 100
91 215.6 112.1 336.3

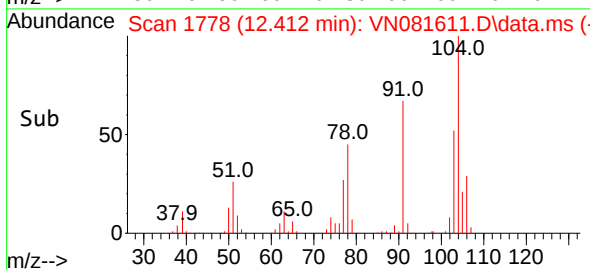
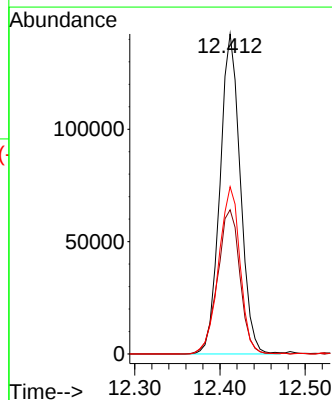
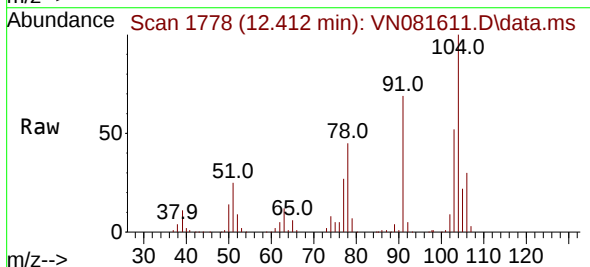
Manual Integrations
APPROVED

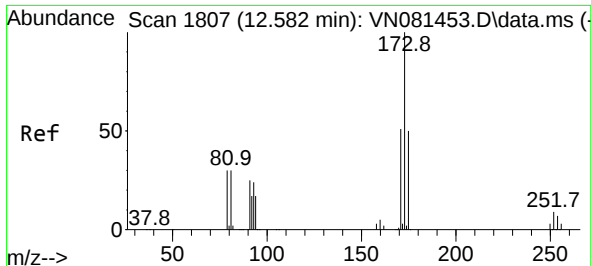
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#70
Styrene
Concen: 20.287 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

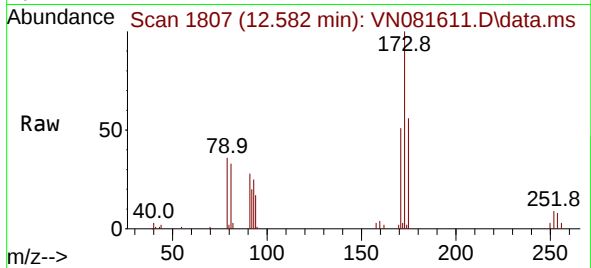
Tgt Ion:104 Resp: 236833
Ion Ratio Lower Upper
104 100
78 49.5 43.8 65.8
103 54.8 44.2 66.2





#71
Bromoform
Concen: 20.176 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

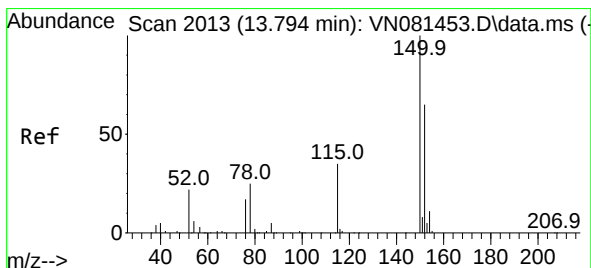
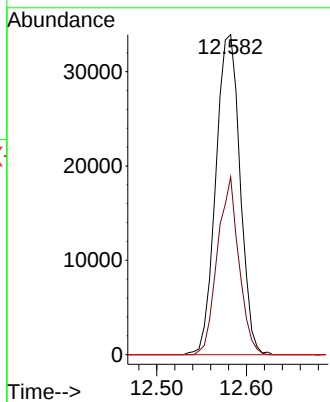
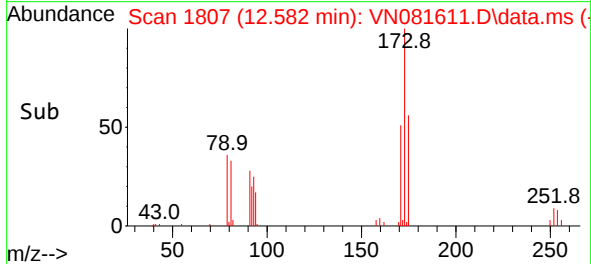
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



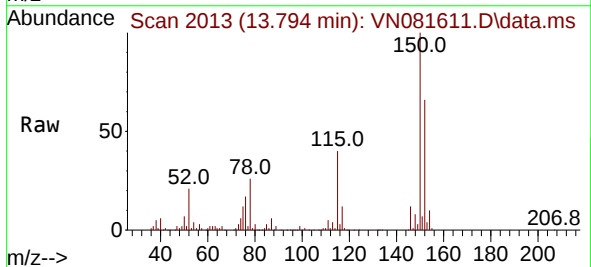
Tgt Ion:173 Resp: 6362
Ion Ratio Lower Upper
173 100
175 49.2 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

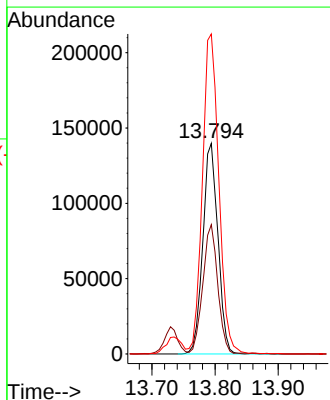
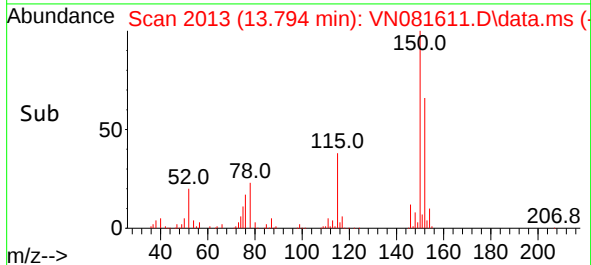
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

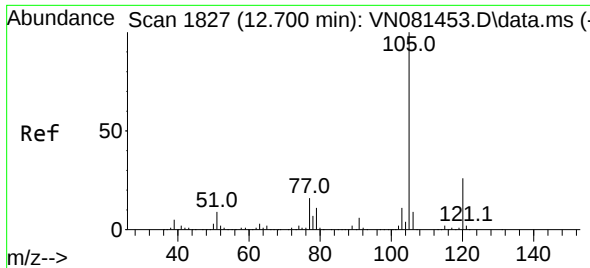


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30



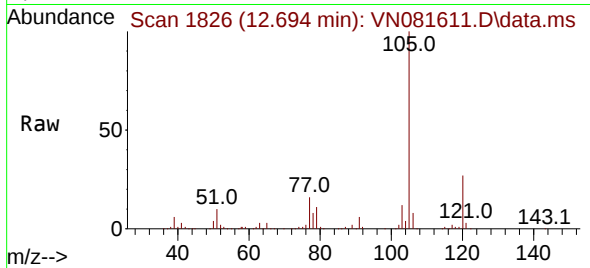
Tgt Ion:152 Resp: 232666
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 164.9 0.0 339.8





#73
Isopropylbenzene
Concen: 18.535 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

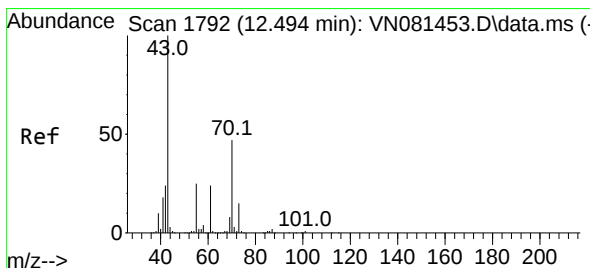
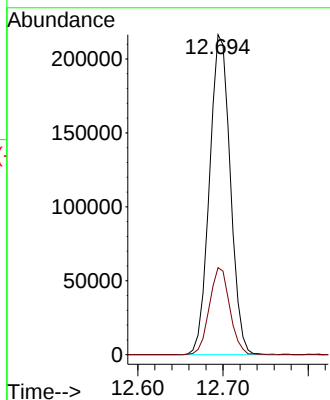
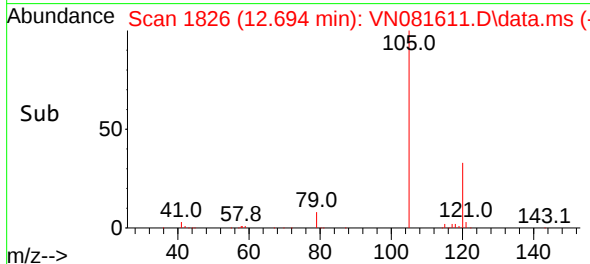
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion:105 Resp: 367598
Ion Ratio Lower Upper
105 100
120 26.8 12.6 37.6

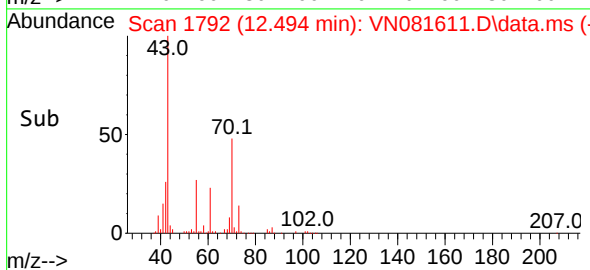
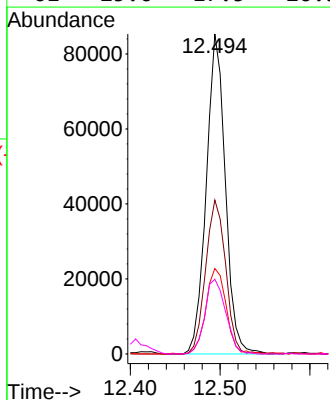
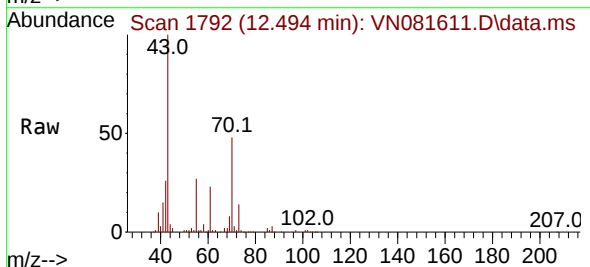
Manual Integrations
APPROVED

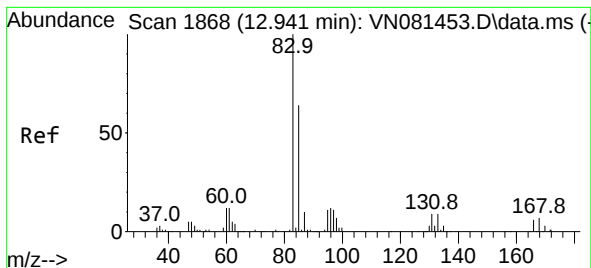
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#74
N-ethyl acetate
Concen: 17.557 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

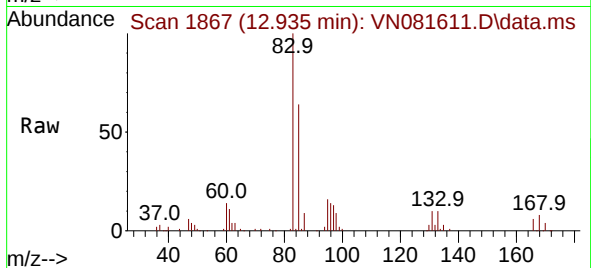
Tgt Ion: 43 Resp: 126013
Ion Ratio Lower Upper
43 100
70 50.5 30.1 45.1#
55 28.4 17.0 25.4#
61 25.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.367 ug/l
RT: 12.935 min Scan# 11293
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

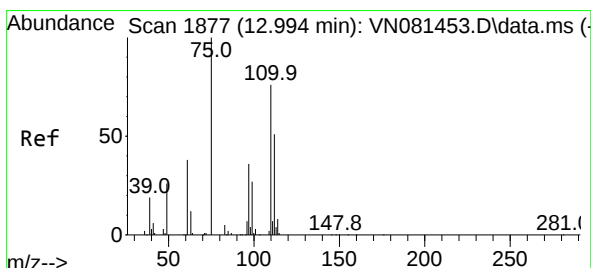
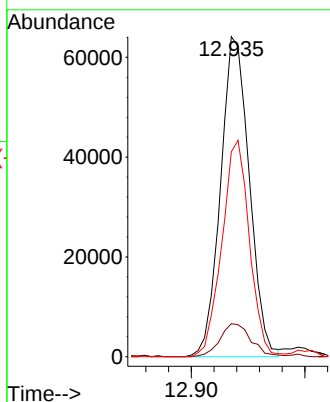
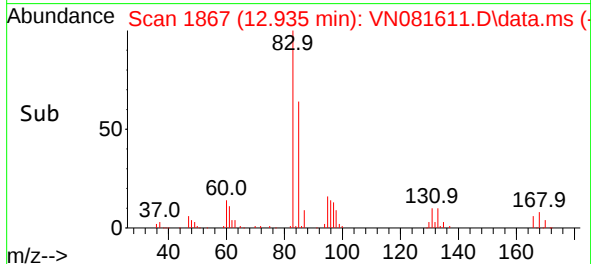
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 83 Resp: 11293
Ion Ratio Lower Upper
83 100
131 11.1 4.1 12.3
85 64.7 32.1 96.3

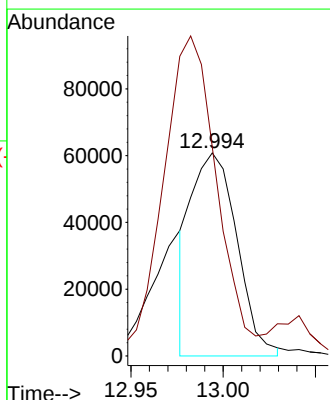
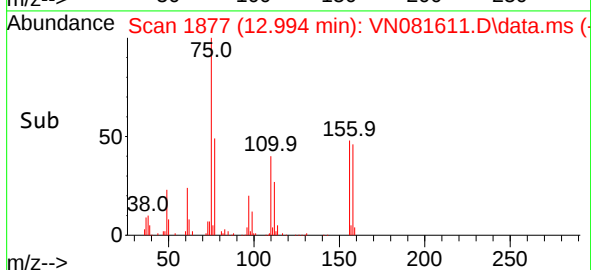
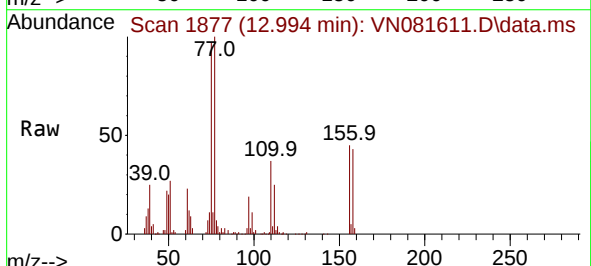
Manual Integrations
APPROVED

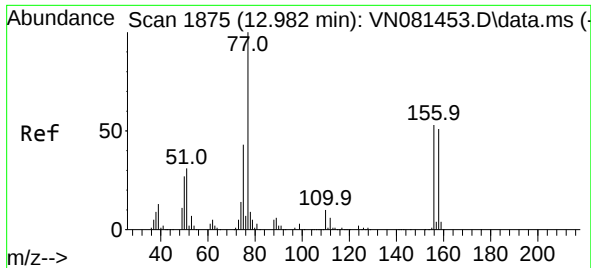
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#76
1,2,3-Trichloropropane
Concen: 18.800 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion: 75 Resp: 104630
Ion Ratio Lower Upper
75 100
77 185.0 91.0 272.8





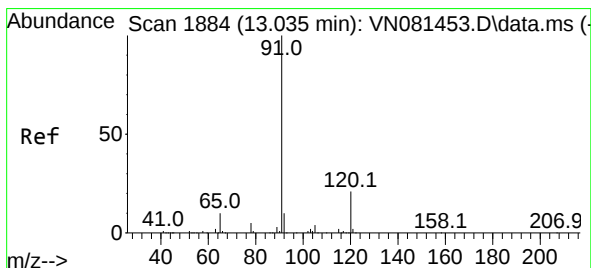
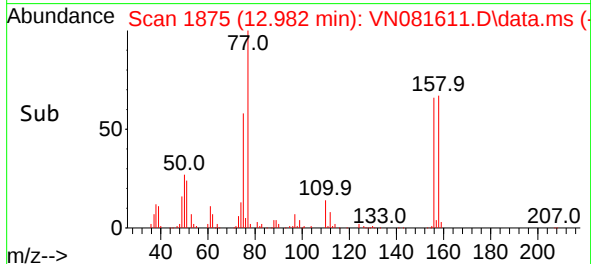
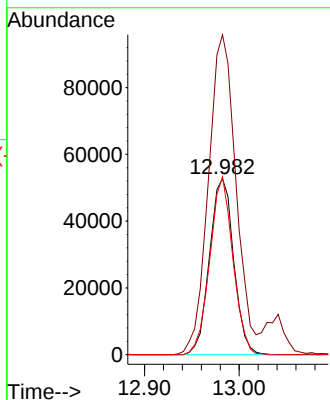
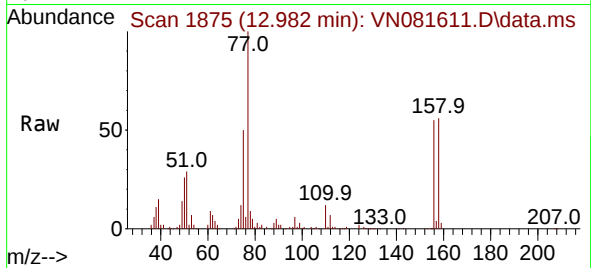
#77
Bromobenzene
Concen: 19.079 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion:156 Resp: 93474
Ion Ratio Lower Upper
156 100
77 207.1 138.1 414.3
158 96.6 46.5 139.5

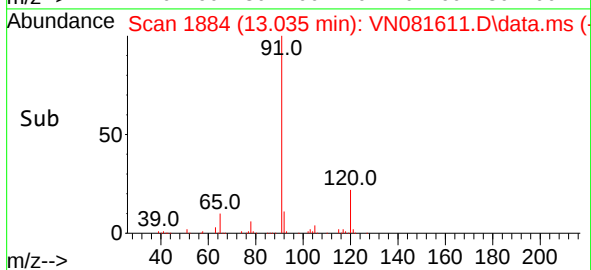
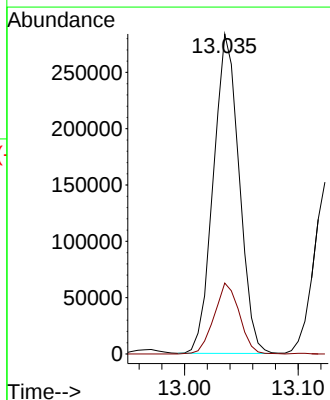
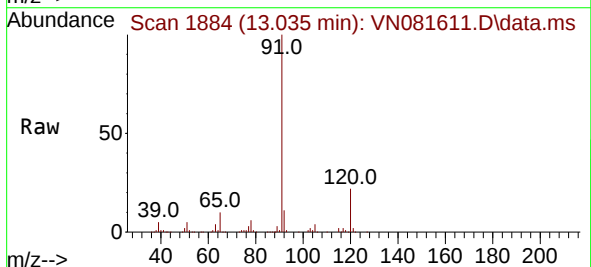
Manual Integrations
APPROVED

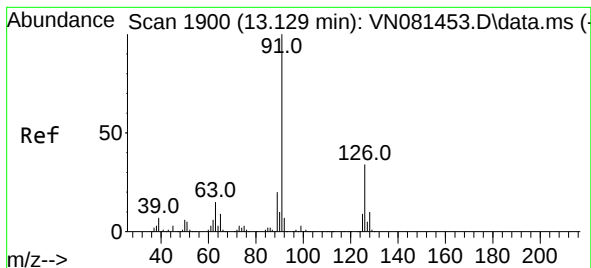
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#78
n-propylbenzene
Concen: 19.127 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion: 91 Resp: 447980
Ion Ratio Lower Upper
91 100
120 21.7 10.3 30.9





#79

2-Chlorotoluene

Concen: 18.988 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01

Tgt Ion: 91 Resp: 266170

Ion Ratio Lower Upper

91 100

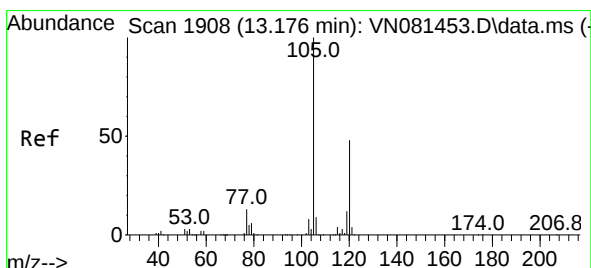
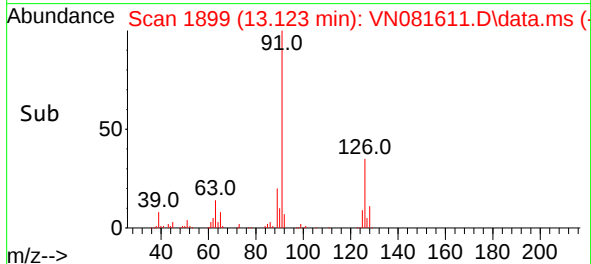
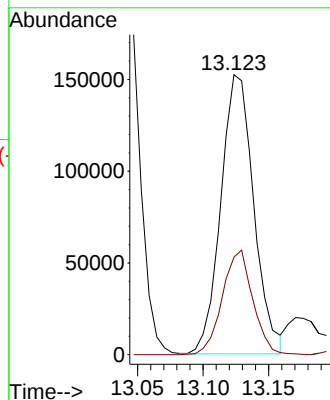
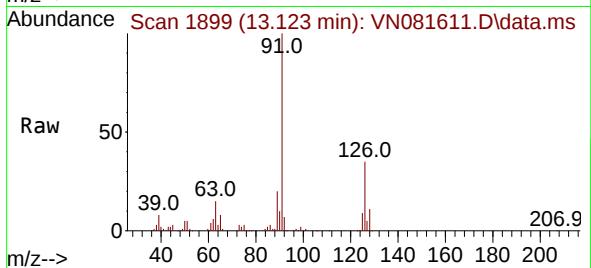
126 34.6 14.8 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.401 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081611.D

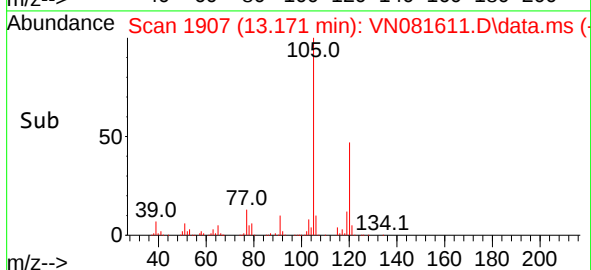
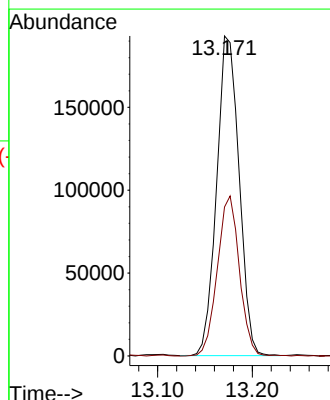
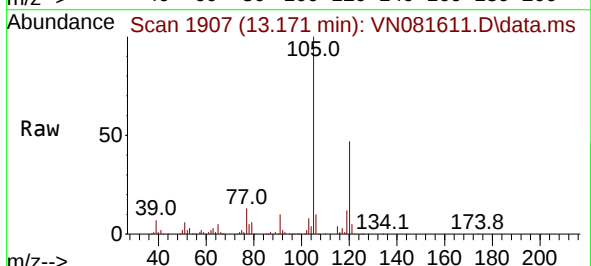
Acq: 29 Mar 2024 13:30

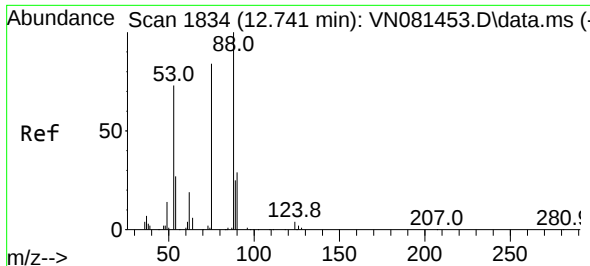
Tgt Ion:105 Resp: 317810

Ion Ratio Lower Upper

105 100

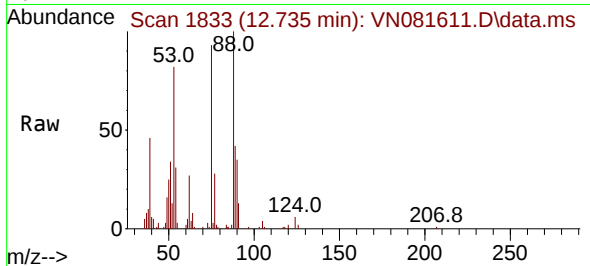
120 49.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.264 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

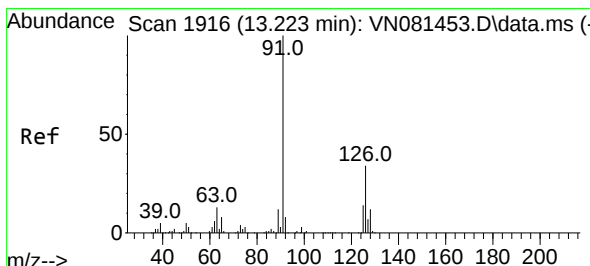
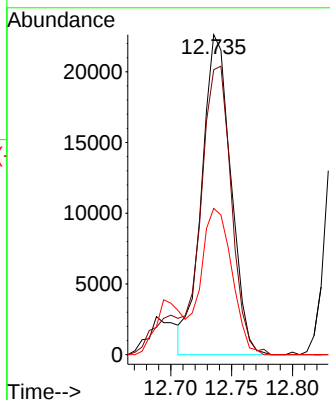
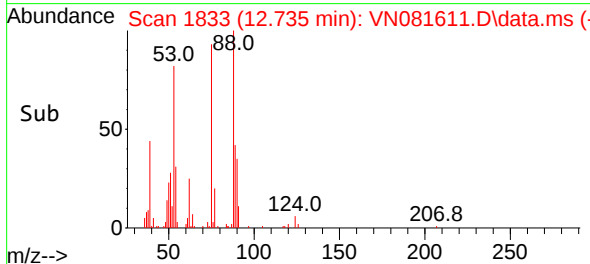
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion: 75 Resp: 37610
Ion Ratio Lower Upper
75 100
53 105.5 71.4 107.2
89 48.6 33.4 50.0

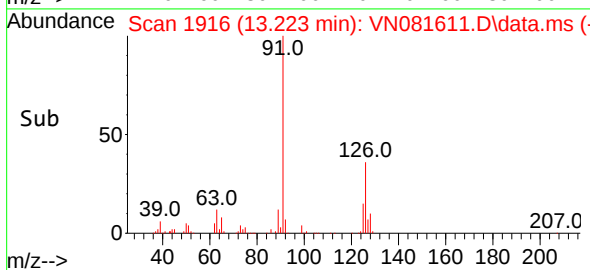
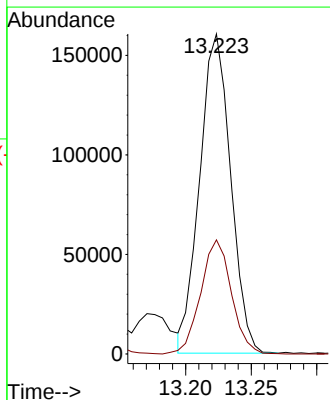
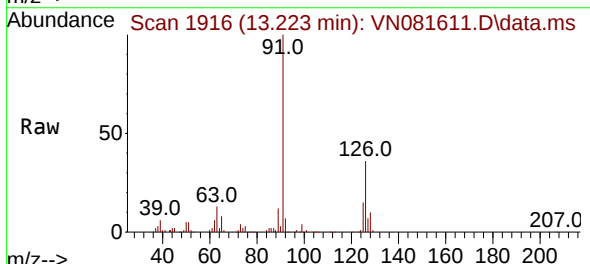
Manual Integrations
APPROVED

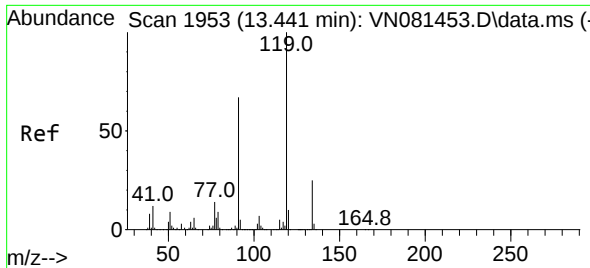
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#82
4-Chlorotoluene
Concen: 19.071 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

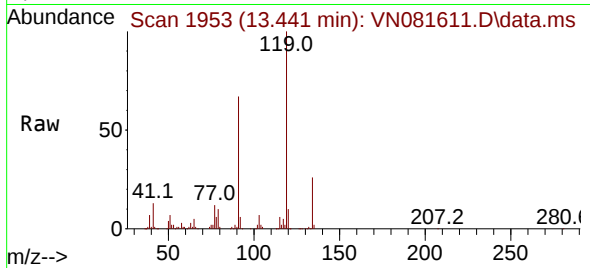
Tgt Ion: 91 Resp: 263565
Ion Ratio Lower Upper
91 100
126 35.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 18.611 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

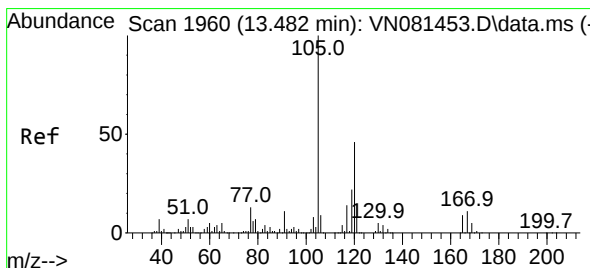
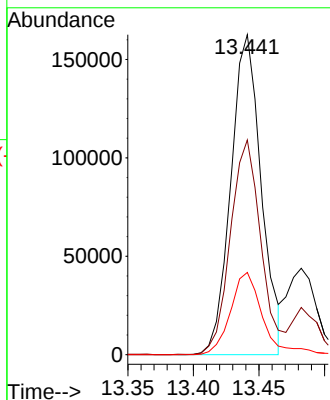
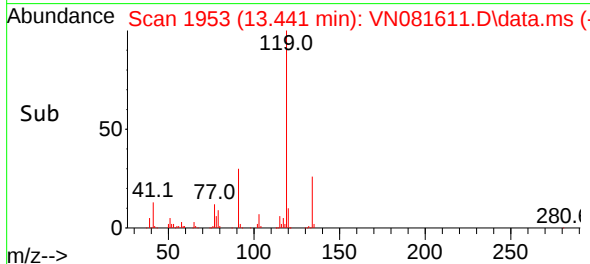
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



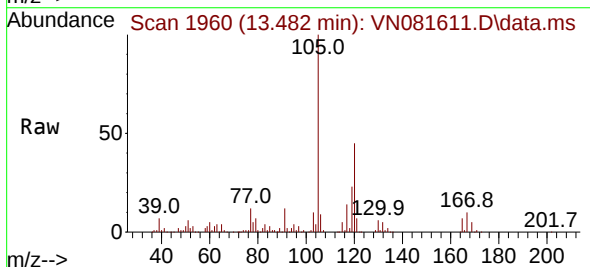
Tgt Ion:119 Resp: 262899
Ion Ratio Lower Upper
119 100
91 67.9 36.8 110.4
134 27.2 12.4 37.4

Manual Integrations
APPROVED

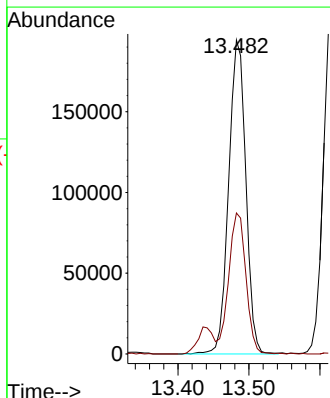
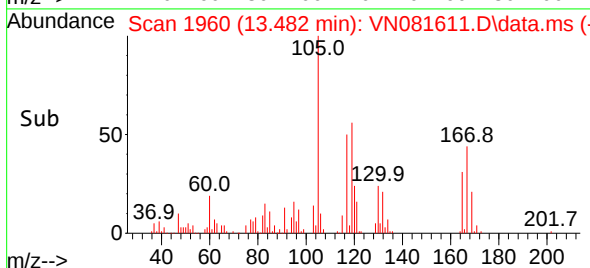
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

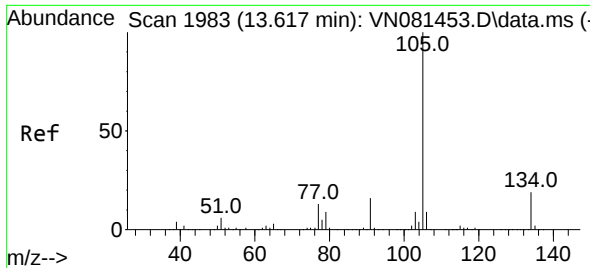


#84
1,2,4-Trimethylbenzene
Concen: 19.815 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30



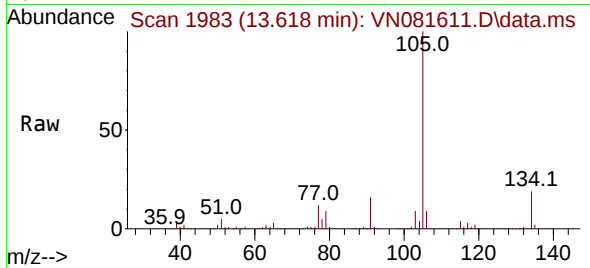
Tgt Ion:105 Resp: 326238
Ion Ratio Lower Upper
105 100
120 45.4 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 18.901 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081611.D
 Acq: 29 Mar 2024 13:30

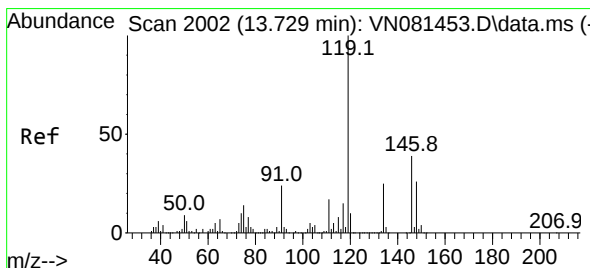
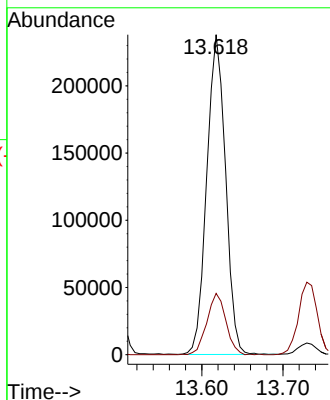
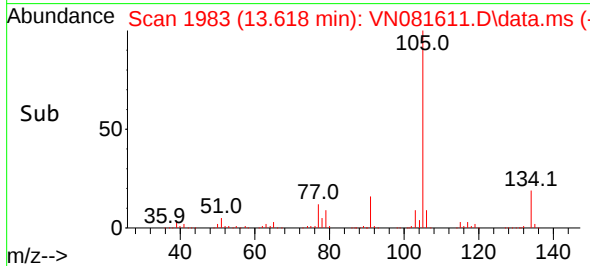
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBSD01



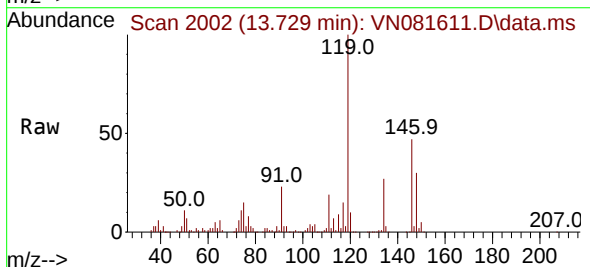
Tgt Ion:105 Resp: 38167
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.6 25.8

Manual Integrations
 APPROVED

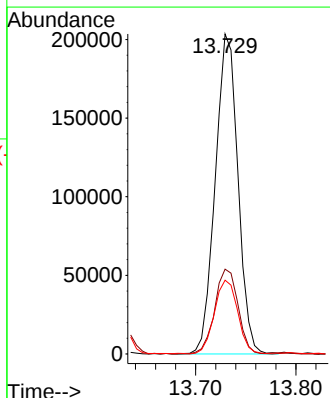
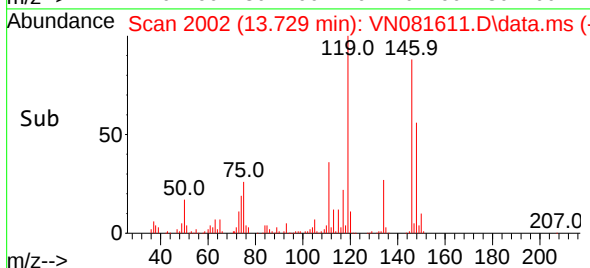
Reviewed By :John Carlone 04/01/2024
 Supervised By :Mahesh Dadoda 04/01/2024

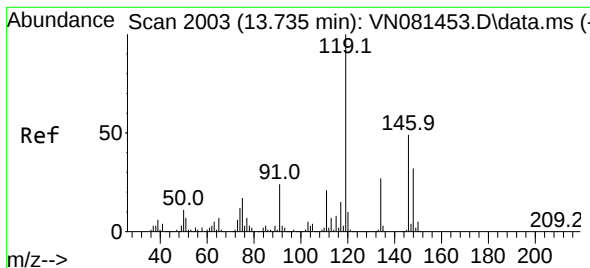


#86
 p-Isopropyltoluene
 Concen: 19.317 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081611.D
 Acq: 29 Mar 2024 13:30



Tgt Ion:119 Resp: 318857
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.4 37.2
 91 23.8 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 19.421 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01

Tgt Ion:146 Resp: 17481

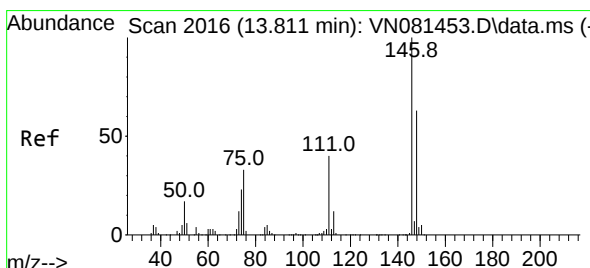
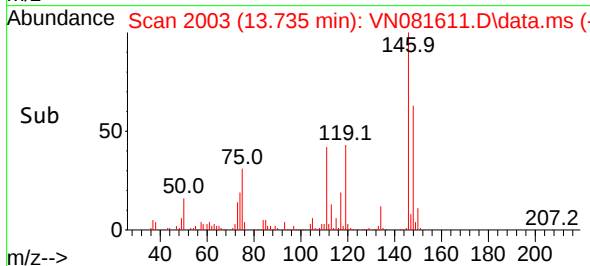
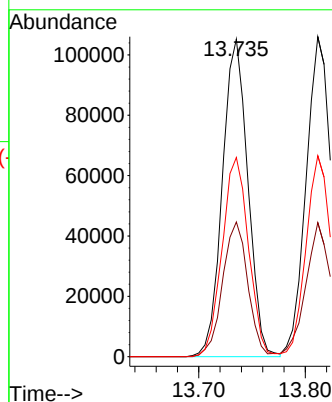
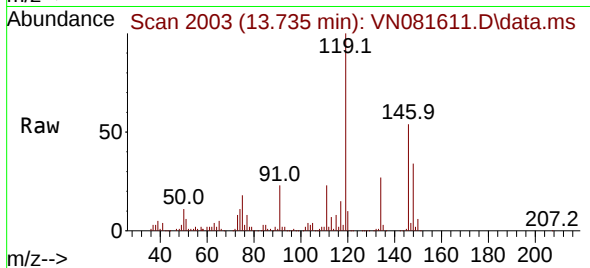
Ion	Ratio	Lower	Upper
146	100		
111	42.4	23.9	71.7
148	65.2	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#88

1,4-Dichlorobenzene

Concen: 18.930 ug/l

RT: 13.812 min Scan# 2016

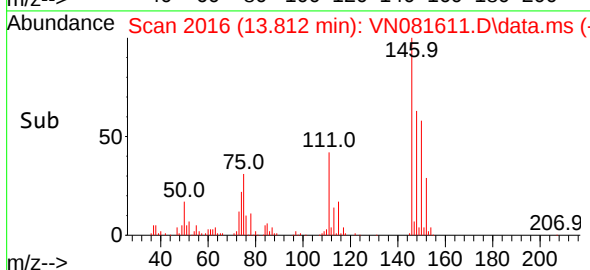
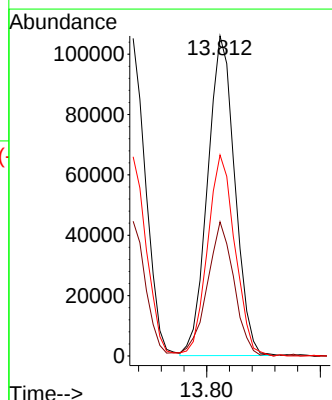
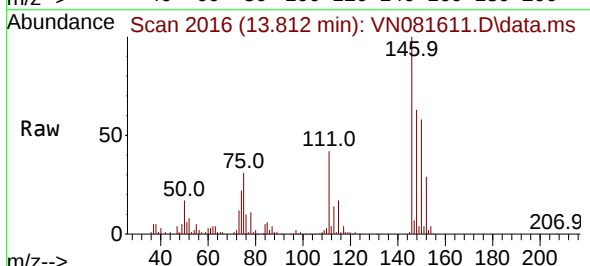
Delta R.T. 0.000 min

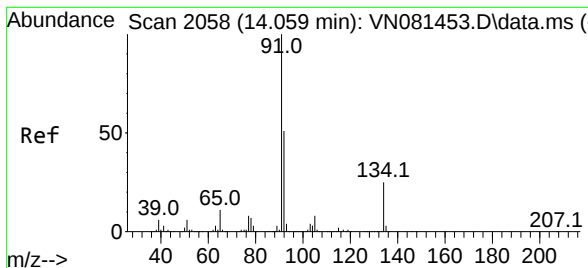
Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

Tgt Ion:146 Resp: 176438

Ion	Ratio	Lower	Upper
146	100		
111	41.2	22.6	67.7
148	63.4	31.9	95.5





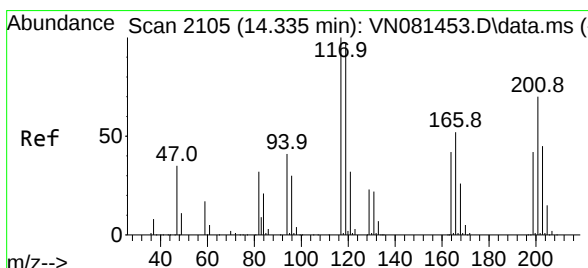
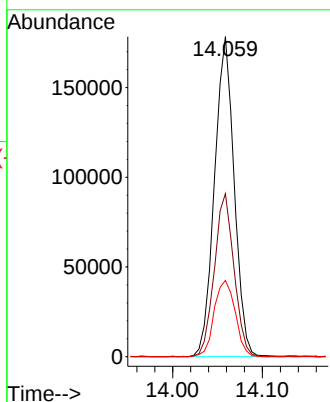
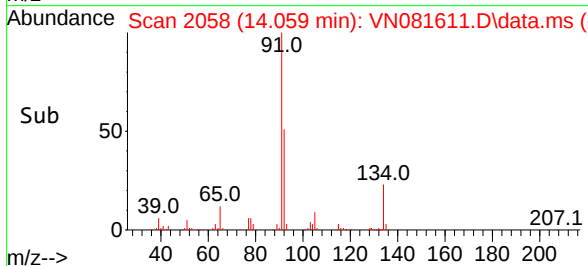
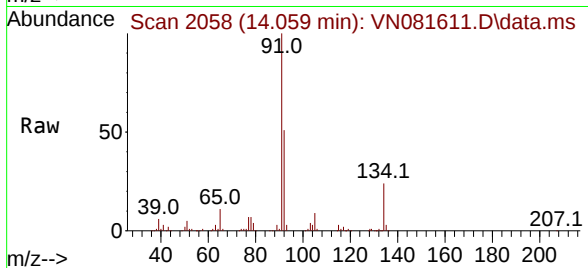
#89
n-Butylbenzene
Concen: 18.583 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01

Tgt Ion: 91 Resp: 272000
Ion Ratio Lower Upper
91 100
92 50.9 26.7 80.1
134 25.4 10.8 32.4

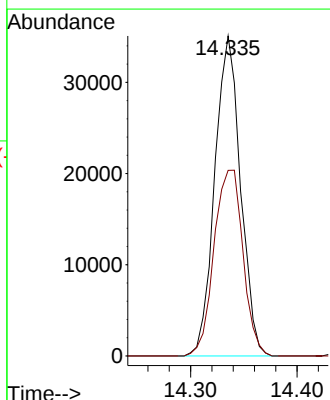
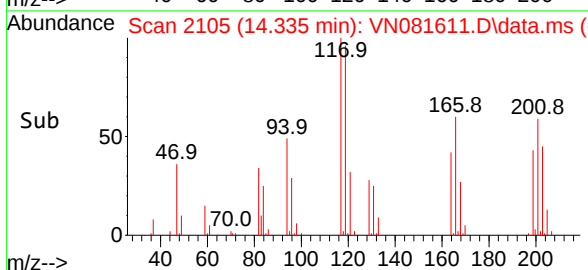
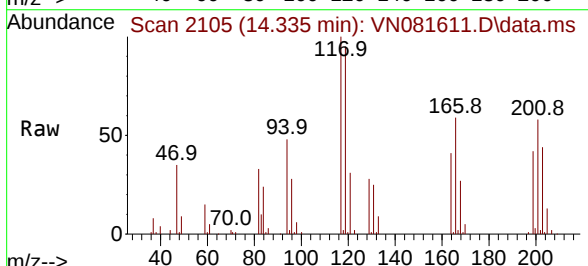
Manual Integrations
APPROVED

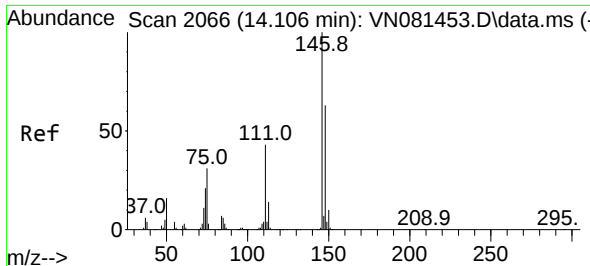
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#90
Hexachloroethane
Concen: 18.829 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

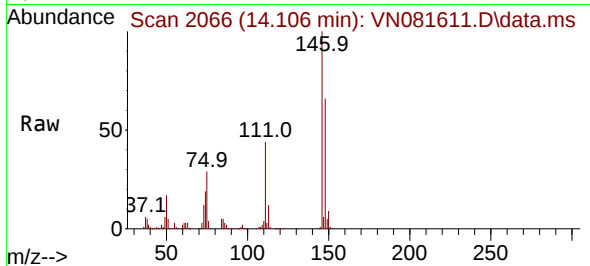
Tgt Ion:117 Resp: 58861
Ion Ratio Lower Upper
117 100
201 65.4 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 19.737 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

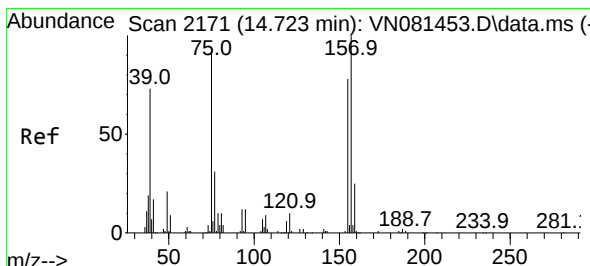
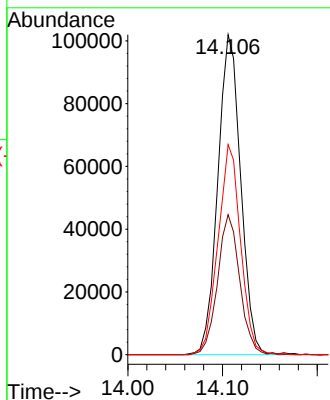
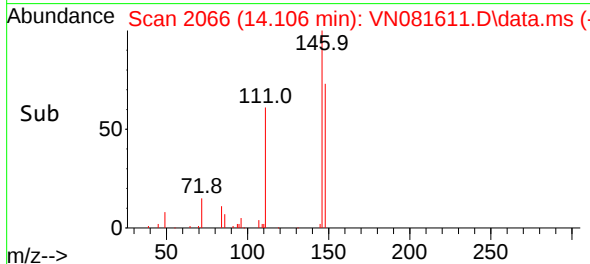
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



Tgt Ion:146 Resp: 170999
Ion Ratio Lower Upper
146 100
111 42.5 23.9 71.8
148 64.8 31.4 94.0

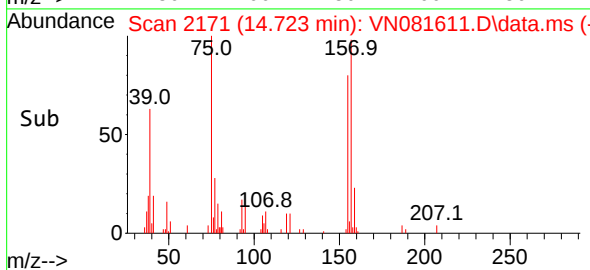
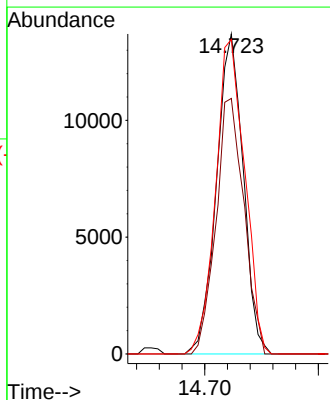
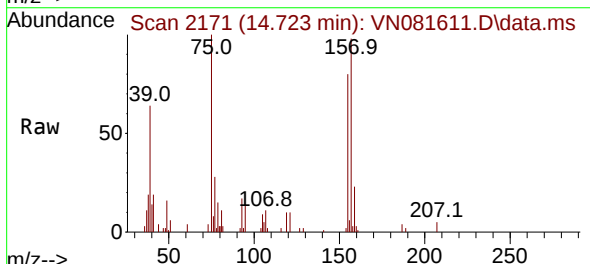
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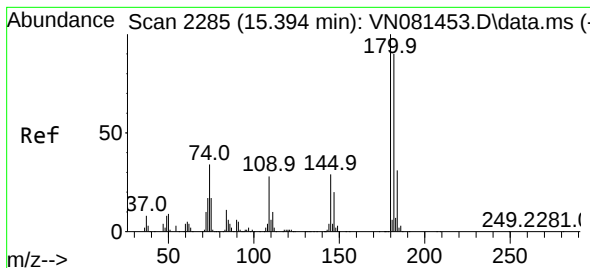
Reviewed By :John Carbone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.004 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

Tgt Ion: 75 Resp: 22342
Ion Ratio Lower Upper
75 100
155 83.8 31.8 95.4
157 107.1 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.247 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081611.D

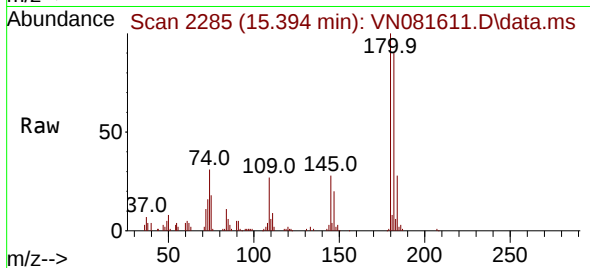
Acq: 29 Mar 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBSD01



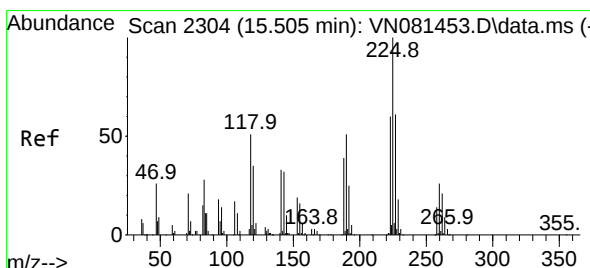
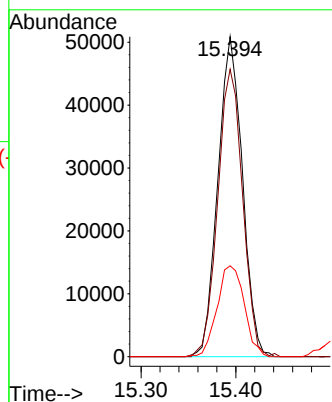
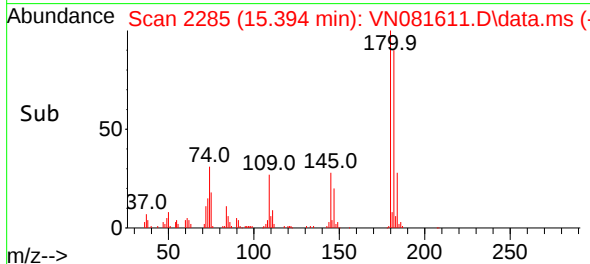
Tgt Ion:180	Resp:	9140
Ion Ratio	Lower	Upper
180	100	
182	91.2	46.6 139.7
145	31.5	16.8 50.3

Manual Integrations

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Reviewed By :John Carlone 04/01/2024

Supervised By :Mahesh Dadoda 04/01/2024



#94

Hexachlorobutadiene

Concen: 16.820 ug/l

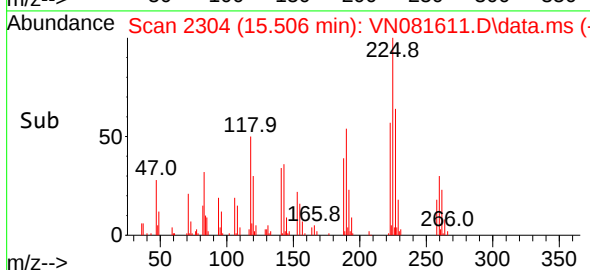
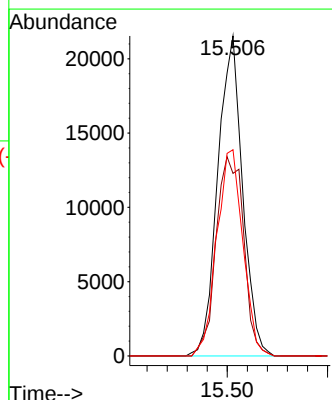
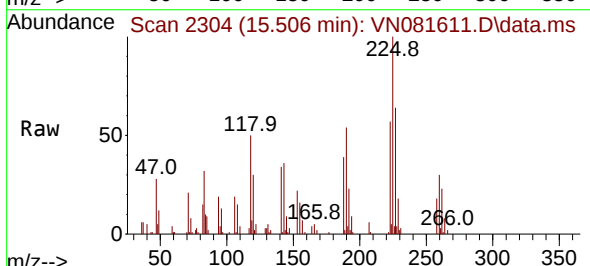
RT: 15.506 min Scan# 2304

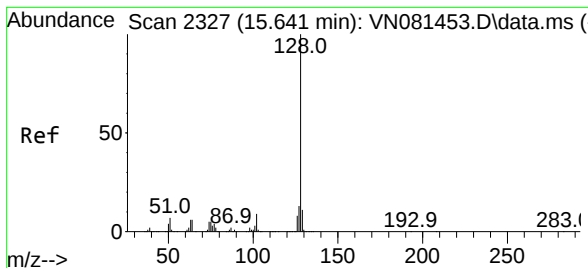
Delta R.T. 0.000 min

Lab File: VN081611.D

Acq: 29 Mar 2024 13:30

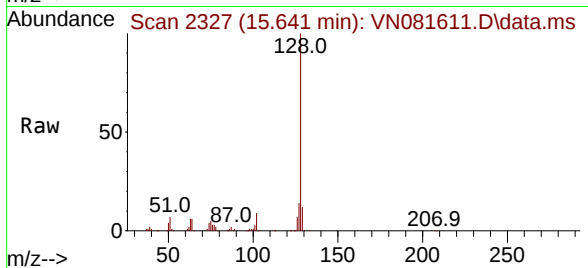
Tgt Ion:225	Resp:	36970
Ion Ratio	Lower	Upper
225	100	
223	69.3	33.3 99.8
227	68.0	33.1 99.2





#95
Naphthalene
Concen: 17.670 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30

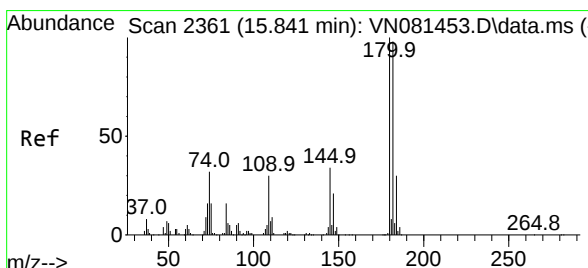
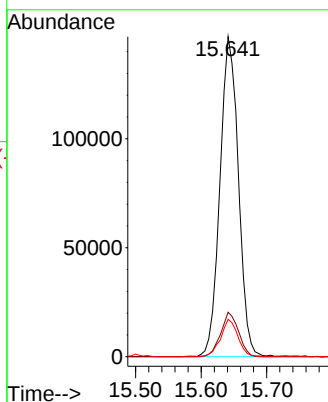
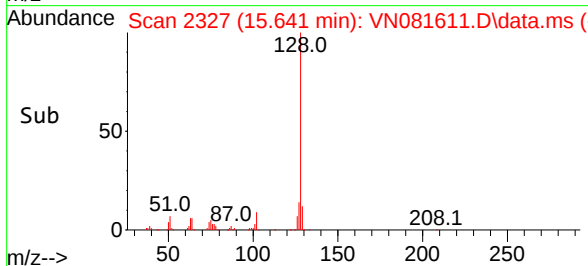
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBSD01



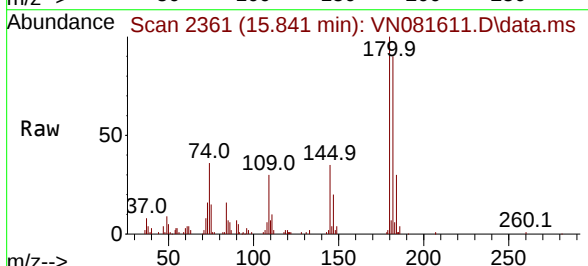
Tgt Ion:128 Resp: 286828
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.589 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081611.D
Acq: 29 Mar 2024 13:30



Tgt Ion:180 Resp: 93669
Ion Ratio Lower Upper
180 100
182 93.2 46.5 139.3
145 32.8 17.8 53.4

